UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

EARTHQUAKE DATA REPORT

JUNE 1994

by

U.S. Geological Survey

NATIONAL EARTHQUAKE INFORMATION CENTER[1]

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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.

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.

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

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

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

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  JUN 01, 1994  00h 53m 51.26± 0.55s
  35.178 N ± 5.2km    3.950 W ± 4.9km
  DEPTH =  10.0km  (geophysicist)
  3.9mb (  1 obs.)
 STRAIT OF GIBRALTAR             (385)
     MD 4.0 (RBA). mbLg 3.9 (MDD).

EMEL    0.82  81 iPc    54 08.92   1.8
                 eS     54 21.20
TAF     1.31 106 iPg    54 16.00   0.4
                 iSg    54 30.00
                 i      54 33.50
EMAL    1.63 346 iP     54 19.20  -0.8
EGUA    1.68  11 iPd    54 19.53  -1.3
                 eS     54 42.50
PLAT    1.75 303 iP     54 23.50   1.7
EJIF    1.77 316 eP     54 22.25   0.1
                 eS     54 44.20
MOMI    1.84 309 iP     54 24.50   1.4
ERON    1.84   4 eP     54 22.36  -0.9
                 eS     54 46.70
IFR     1.92 211 iPn    54 24.50   0.0
                 iSn    54 47.50
ELOJ    1.97 355 eP     54 24.63  -0.5
                 eS     54 49.20
ALJ     2.01 319 iP     54 26.00   0.3
EPRU    2.06 330 eP     54 26.18  -0.2
                 eS     54 51.60
CNIL    2.08 305 iP     54 26.50  -0.1
LIJA    2.09 326 iP     54 28.00   1.2
ECOG    2.12   8 eP     54 27.97   0.7
ENIJ    2.28  38 ePn    54 28.36  -1.2
                 eSn    54 55.90
RANB    2.29 310 iP     54 33.00   3.3
GIBL    2.31 316 iP     54 30.50   0.5
ELUQ    2.39 354 eP     54 32.00   0.9
                 eS     54 59.40
RBA     2.65 245 iPn    54 35.50   0.7
                 i      54 37.50
                 iSn    55 06.00
                 i      55 12.70
EHOR    2.84 339 iPc    54 36.52  -0.9
                 eS     55 09.60
EHUE    2.85  22 eP     54 38.75   1.1
                 eS     55 11.80
EBAN    2.98   2 eP     54 39.58   0.1
                 eS     55 14.40
EVAL    3.30 318 eP     54 42.72  -1.2
                 eS     55 20.10
EALH    3.36  37 eP     54 45.70   0.8
AVE     3.43 238 iPn    54 45.00  -0.8
                 i      54 54.00
                 iS     55 20.00
                 iSn    55 24.00
EVIA    3.64  18 eP     54 49.49   0.5
                 eS     55 30.90
PAB     4.37 356 ePn    54 59.00  -0.3
                 eSg    56 04.50
ECHE    5.00  27 eP     55 08.28   0.1
                 eS     56 04.10
TIO     5.07 214 iPn    55 08.00  -1.2
                 iSn    56 04.00
EPLA    5.16 342 eP     55 08.17  -2.3
                 eS     56 04.20
ETOR    5.83  14 eP     55 19.07  -0.8
KHC    18.99  37 eP     58 15.50   0.2
PRU    20.03  37 eP     58 21.00  -6.0X
                 e      58 29.00
YKA    68.05 332 eP     04 49.60  -3.0
     0.7s     0.60nm          3.9mb
    S.D. = 1.3  on  34 of  35 obs.
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* JUN 01, 1994  01h 02m 23.65± 1.01s
  35.233 N ± 8.5km    4.023 W ±11.3km
  DEPTH =  10.0km  (geophysicist)
 STRAIT OF GIBRALTAR             (385)

EMEL    0.88  85 eP     02 40.90   0.4
                 eS     02 49.00
TAF     1.39 107 ePg    02 49.00  -0.1
                 eSg    03 07.50
EGUA    1.64  13 eP     02 50.70  -1.9
                 eS     03 07.70
ERON    1.79   6 eP     02 54.49  -0.4
                 eS     03 14.00
ELOJ    1.91 357 eP     02 58.66   2.0
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                 eS     03 17.80
IFR     1.94 208 iPg    02 57.00  -0.2
                 iSg    03 20.00
ECOG    2.07  10 eP     02 59.15   0.1
                 eS     03 18.60
    S.D. = 1.4  on    7 of   7 obs.
-------------------------------------
& JUN 01, 1994  01h 34m 57.53s
  61.412 N             141.277 W
  DEPTH =   0.0km
 SOUTHERN ALASKA                 (  2)
     <AEIC>. ML 2.5 (AEIC).

BALM    0.64 234 iP     35 10.77   0.5
                 eS     35 22.84
GLB     1.22 273 eP     35 19.94  -1.2
                 eS     35 39.04
CHX     1.36 177 eP     35 23.60   0.0
TMW     2.08 338 eP     35 32.81  -1.3
SGAM    2.12 246 eP     35 34.24  -0.5
KLU     2.23 274 eP     35 37.58   1.2
                 eS     36 09.75
CVA     2.35 250 eP     35 38.69   0.7
TOA     2.43 289 P      35 41.30   2.1
VLZ     2.46 266 eP     35 40.47   1.0
VZW     2.58 264 eP     35 42.15   0.9
DOT     2.59 331 eP     35 41.26  -0.2
HIN     2.75 251 eP     35 44.53   0.8
SCM     2.92 281 eP     35 46.65   0.4
SML     3.39 280 eP     35 55.21   2.3
KNK     3.45 273 eP     35 54.23   0.5
         15 obs. associated
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  JUN 01, 1994  02h 01m 56.56± 0.70s
  37.498 S ± 6.7km  176.724 E ±10.3km
  DEPTH = 164.6 ±  7.5 km
  4.2mb (  4 obs.)
 NORTH ISLAND, NEW ZEALAND       (159)

WIZ     0.37  95 P      02 17.90  -1.2
KUZ     1.10 313 P      02 23.90   0.1
                 eS     02 45.40
HBZ     1.26  95 P      02 22.80  -2.4
                 eS     02 42.50
PUZ     1.34 116 P      02 24.40  -1.7
                 S      02 45.10
PAHZ    1.38 169 P      02 28.10   1.6
MGZ     1.77 211 P      02 34.70   4.2X
MOZ     1.82 236 P      02 35.50   4.6X
NGZ     1.90 207 P      02 36.00   4.1X
MAHZ    1.92 152 P      02 33.00   1.0
DRZ     2.00 207 eP     02 36.40   3.1X
TTH     2.04 178 P      02 35.90   2.5
WAHZ    2.22 187 P      02 37.50   2.0
WCZ     2.46 308 P      02 39.00   0.6
MNG     3.26 197 P      02 49.40   1.1
                 eS     03 30.30
OUZ     3.40 311 P      02 50.20   0.2
KIW     3.64 202 P      02 54.20   1.0
MTW     3.78 194 P      02 55.10   0.2
CAW     3.83 199 P      02 56.10   0.5
DIW     3.95 213 P      02 58.30   1.1
BLW     3.98 194 P      02 57.70   0.1
MRW     4.04 202 P      02 59.20   0.8
                 eS     03 48.70
WEL     4.08 201 eP     02 59.60   0.8
                 eS     03 48.30
MOW     4.08 196 P      02 58.80  -0.1
TCW     4.17 206 P      03 00.30   0.3
THZ     5.18 213 P      03 14.00   0.6
                 eS     04 14.60
LTZ     6.29 211 P      03 27.90  -0.1
                 S      04 38.70
MQZ     6.93 205 P      03 34.40  -2.2
                 eS     04 51.50
ODZ     8.82 209 P      04 00.10  -1.6
LRCZ    9.38 214 eP     04 07.20  -2.0
LSCZ    9.41 214 eP     04 06.90  -2.6
SBCZ    9.41 214 eP     04 07.50  -2.1
TLC     9.60 214 P      04 10.10  -2.0
ASPA   39.03 278 iPc    09 09.40   0.7
       0.8s    11.80nm        4.6mb
WB2    40.69 283 iPc    09 22.40   0.1
       0.6s     8.00nm        4.5mb
WRA    40.69 283 P      09 22.90   0.5
       0.6s     1.90nm        3.9mb
SPA    52.69 180 eP     10 57.00   1.2
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      0.8s      0.83nm          3.5mb
KIC   148.98 177 PKP    21 25.00   2.5X
      0.9s     14.50nm
KAF   149.34 333 ePKP   21 22.60   1.0
NUR   150.98 331 ePKP   21 27.00   2.9X
    S.D. = 1.4  on  33 of  39 obs.
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% JUN 01, 1994  02h 06m 55.98± 0.77s
  46.121 N ± 6.8km    2.988 E ± 6.8km
  DEPTH =   5.0km  (geophysicist)
 FRANCE                          (538)
     ML 2.5 (LDG).

MAF     0.31 289 Pg     07 01.70  -0.5
                 Sg     07 05.60
BGF     0.45 347 Pg     07 04.90  -0.1
                 Sg     07 10.90
TCF     0.57 288 Pg     07 06.30  -1.0
                 Sg     07 12.90
AVF     0.72  21 Pg     07 10.00  -0.3
                 Sg     07 19.70
SMF     0.79  48 Pg     07 11.40  -0.4
                 Sg     07 22.80
SSF     1.01  21 Pg     07 15.30  -0.2
                 Sg     07 28.80
LSF     1.02 278 Pg     07 14.60  -1.2
                 Sg     07 27.40
LBF     1.10  38 Pg     07 17.60   0.4
                 Sg     07 32.20
LOR     1.30  27 Pg     07 20.70   0.3
                 Sg     07 37.70
RJF     1.31 232 Pg     07 20.00  -0.8
                 Sg     07 36.50
CAF     1.36 209 Pn     07 19.70  -1.9
                 Pg     07 21.40
                 Sg     07 38.10
LPO     1.92 222 Pg     07 30.80   1.2
                 Sg     07 55.30
LFF     1.97 234 Pg     07 32.00   1.6
                 Sg     07 57.00
MFF     2.22 284 Pg     07 36.70   2.7
                 Sg     08 04.00
    S.D. = 1.3  on  14 of  14 obs.
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* JUN 01, 1994  02h 15m 21.41± 0.79s
  22.916 N ±15.8km   92.868 E ±10.6km
  DEPTH =  33.0km  (normal)
  4.4mb (  5 obs.)
 INDIA-BANGLADESH BORDER REGION  (315)

ODAN    6.34 309 P      16 56.68   1.5
      0.2s     37.00nm        5.8mb X
TAPN    6.43 314 P      16 57.70   1.1
      0.3s     42.00nm        5.8mb X
RAMN    6.96 306 P      17 05.74   1.7
      0.5s    128.00nm        6.1mb X
CHTO    6.99 125 eP     17 05.10   0.9
JIRN    7.67 309 P      17 14.86   0.9
      0.2s     32.00nm        6.0mb X
GUN     8.04 310 P      17 19.68   0.5
PKI     8.19 306 P      17 21.50   0.3
      0.3s     26.00nm        5.8mb X
GKN     9.00 306 P      17 32.10  -0.1
      0.3s     61.00nm        6.2mb X
                 S      19 10.20
KOLN    9.67 302 P      17 40.54  -1.1
      0.3s     38.00nm        6.1mb X
                 S      19 23.28
DANN    9.84 305 P      17 42.68  -1.3
      0.3s     18.00nm        5.8mb X
PYUN   10.30 302 P      17 49.00  -1.3
      0.3s     17.00nm        5.8mb X
NDI    15.22 295 eP     19 03.50   8.0X
LZH    16.22  34 eP     19 08.50   0.0
      1.4s     36.00nm        4.3mb
WRA    58.76 133 P      25 18.90   0.1
      0.6s      0.80nm        4.0mb
ASPA   61.11 137 eP     25 41.20   6.3X
      0.7s      5.20nm        4.8mb
HFS    65.05 327 eP     25 58.80  -1.6
      0.5s      2.80nm        4.6mb
NB2    66.21 328 P      26 06.50  -1.5
      0.6s      1.20nm        4.2mb
    S.D. = 1.2  on  15 of  17 obs.
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? JUN 01, 1994  02h 24m 55.36± 2.99s
  44.066 N ±26.3km    7.853 E ± 7.4km
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DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.7 (GEN).

ROB	0.23	3	P	25 00.39	0.1
			S	25 03.41	
FIN	0.29	61	P	25 01.67	0.2
			S	25 05.65	
ENR	0.35	297	P	25 02.63	0.0
			S	25 07.53	
PCP	0.69	46	P	25 08.81	-0.2
			S	25 17.60	

S.D. = 0.3 on 4 of 4 obs.

JUN 01, 1994 02h 33m 48.08± 0.59s
35.204 N ± 5.3km 4.000 W ± 5.5km
DEPTH = 23.5 ± 5.1 km
STRAIT OF GIBRALTAR (385)
mbLg 3.5 (MDD). MD 3.4 (RBA).

EMEL	0.86	83	iPd	34 04.19	0.0
			eS	34 17.00	
TAF	1.36	106	iPg	34 13.00	1.3
			iSg	34 31.00	
			i	34 39.00	
EGUA	1.66	12	eP	34 14.82	-1.3
			eS	34 37.30	
PLAT	1.70	303	iP	34 18.50	1.9
EJIF	1.72	317	eP	34 18.39	1.4
ERON	1.82	5	eP	34 17.70	-0.7
			eS	34 41.60	
IFR	1.92	209	ePn	34 20.00	0.0
			i	34 22.50	
			iSn	34 43.50	
			i	34 45.00	
ELOJ	1.94	356	eP	34 20.09	-0.2
			eS	34 45.10	
ALJ	1.96	319	iP	34 21.50	1.0
EPRU	2.02	331	eP	34 22.11	0.8
			eS	34 46.30	
ECOG	2.10	9	eP	34 23.09	0.6
			eS	34 46.10	
GIBL	2.26	316	eP	34 26.00	1.2
ENIJ	2.28	39	eP	34 25.50	0.5
			eS	34 52.20	
ELUQ	2.36	355	eP	34 26.81	0.7
			eS	34 53.90	
EHOR	2.80	339	eP	34 31.61	-0.7
			eS	35 05.50	
EHUE	2.84	23	eP	34 34.27	1.3
			eS	35 06.80	
EBAN	2.96	3	eP	34 35.02	0.4
			eS	35 09.80	
EVAL	3.25	318	eP	34 37.43	-1.3
AVE	3.41	237	ePn	34 41.00	0.0
			i	34 52.00	
			iSn	35 18.00	
			i	35 26.50	
TIO	5.07	214	iPn	35 03.50	-1.2
			iSn	36 00.00	
EPLA	5.12	342	eP	35 04.32	-1.0
			eS	36 00.40	
GUD	5.43	359	eP	35 08.43	-1.3
			eS	36 07.60	

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

% JUN 01, 1994 02h 44m 05.59± 0.69s
46.394 N ±11.3km 1.858 E ± 5.4km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 1.6 (LDG).

TCF	0.27	113	Pg	44 11.10	0.1
			Sg	44 14.60	
LSF	0.27	238	Pg	44 10.90	-0.1
			Sg	44 14.30	
BGF	0.70	76	Pg	44 19.30	-0.3
			Sg	44 28.00	
AVF	1.10	68	Pg	44 26.10	-0.7
			Sg	44 40.50	
SSF	1.32	59	Pg	44 30.20	-0.2
			Sg	44 47.20	
MFF	1.40	279	Pg	44 31.80	0.0
			Sg	44 49.90	
LBF	1.57	67	Pg	44 35.50	1.2

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

& JUN 01, 1994 02h 53m 34.70s
63.351 N 151.272 W
DEPTH = 11.6km
CENTRAL ALASKA (1)
<AEIC>. ML 2.9 (AEIC), 3.2 (PMR).

KTH	0.26	38	iP	53 39.92	-0.4
			eS	53 44.39	
TRF	0.45	77	eP	53 43.75	-0.3
HUR	0.83	116	eP	53 50.40	-0.2
			eS	54 01.77	
CUT	1.06	154	iP	53 54.43	0.0
RND	1.09	86	eP	53 54.97	-0.1
MCK	1.11	69	eP	53 55.55	0.1
			eS	54 10.84	
BWN	1.15	43	eP	53 55.93	-0.1
			eS	54 12.83	
NEA	1.57	37	eP	54 00.64	-1.8
			eS	54 23.59	
MLY	1.70	8	eP	54 02.94	-1.5
			eS	54 27.78	
WRH	1.80	50	eP	54 04.20	-1.6
			eS	54 30.88	
PWA	1.83	159	P	54 06.50	0.4
SUA	1.91	172	eP	54 07.37	-0.1
NCG	2.00	192	eP	54 07.70	-1.1
CCB	2.01	48	eP	54 06.76	-2.0
PLRM	2.03	150	eP	54 09.13	0.1
PMR	2.03	150	eP	54 08.73	-0.3
			eS	54 37.51	
SML	2.06	137	eP	54 09.16	-0.5
CGLM	2.08	190	eP	54 08.51	-1.4
MDM	2.09	38	eP	54 08.02	-2.1
CP2	2.14	193	eP	54 09.98	-1.0
BGL	2.16	194	eP	54 11.12	0.0
CKN	2.18	192	eP	54 11.25	-0.1
FBA	2.18	43	eP	54 11.98	0.7
HDA	2.18	59	eP	54 10.64	-0.7
TTA	2.19	261	eP	54 12.15	0.6
			eS	54 40.90	
CKT	2.20	192	eP	54 10.79	-0.9
SPU	2.21	190	eP	54 11.15	-0.6
PMS	2.26	159	P	54 12.40	-0.1
BKG	2.34	192	eP	54 12.80	-0.8
GLM	2.36	44	eP	54 12.05	-1.9
SCM	2.38	128	eP	54 13.87	-0.3
IL1	2.40	52	eP	54 13.43	-1.0
ILB	2.40	52	eP	54 13.42	-1.0
DJE	2.58	72	eP	54 18.05	1.0
NKA	2.62	180	eP	54 20.27	2.8
PAX	2.66	96	eP	54 18.03	-0.2
TOA	2.66	116	P	54 18.10	-0.1
SDG	2.75	105	eP	54 19.80	0.4
RDT	2.84	191	eP	54 19.81	-0.9
DFR	2.85	194	eP	54 20.66	-0.2
IM3	2.85	339	eP	54 18.76	-2.1
SLKM	2.90	170	eP	54 21.05	-0.5
IMA	2.92	340	eP	54 20.24	-1.7
			eS	55 05.28	
REF	2.95	194	eP	54 22.61	0.2
RS2	2.98	194	eP	54 21.96	-0.9
RSO	2.98	194	eP	54 22.66	-0.2
TZL	3.00	113	eP	54 24.96	2.1
RED	3.03	194	eP	54 24.29	0.9
SVW	3.04	224	eP	54 23.59	0.1
			eS	55 06.31	
KLU	3.11	124	eP	54 25.45	0.9
VLZ	3.21	132	eP	54 26.12	0.2
PRP	3.31	46	eP	54 25.50	-2.0
SEW	3.37	164	eP	54 31.46	3.3
FID	3.45	137	eP	54 30.09	0.8
CNPM	3.84	180	eP	54 35.32	0.4
GLB	3.97	116	eP	54 37.44	0.8
BCA3	4.30	90	eP	54 40.95	-0.6
CDD	4.58	196	eP	54 45.41	0.0
BALM	4.78	115	eP	54 48.01	-0.4
BM3	4.94	31	eP	54 47.75	-2.8

60 obs. associated

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* JUN 01, 1994 02h 58m 07.20± 0.91s
35.224 N ± 8.2km 4.038 W ±11.4km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)

EMEL	0.89	85	eP	58 24.26	0.0
			eS	58 32.70	
TAF	1.39	107	ePg	58 38.00	5.3X
			eSg	58 59.00	
EGUA	1.65	13	eP	58 35.70	-0.6
			eS	58 53.20	
ERON	1.80	6	eP	58 38.72	0.1
			eS	58 59.10	
IFR	1.93	208	iPg	58 40.50	0.0
			iSg	59 04.00	
ECOG	2.08	10	eP	58 43.27	0.5
			eS	59 03.00	

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

JUN 01, 1994 03h 04m 26.82± 0.63s
40.694 N ± 9.0km 25.744 E ± 5.1km
DEPTH = 5.0km (geophysicist)
AEGEAN SEA (365)

ALN	0.31	48	iPg	04 32.54	-0.5
			iSg	04 36.96	
EZN	0.98	153	iPn	04 46.30	0.5
MFT	1.17	85	ePn	04 49.31	0.1
OUR	1.39	256	ePb	04 51.36	-1.5
			eSb	05 12.40	
SRS	1.68	285	ePb	04 57.90	0.8
			eSb	05 20.88	
PAIG	1.75	245	ePb	04 57.44	-0.6
SOH	1.82	275	ePb	05 00.50	1.4
KNT	2.21	283	ePn	05 04.80	0.2
			eSn	05 35.44	
GRG	2.55	277	ePn	05 09.08	-0.5

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

? JUN 01, 1994 03h 12m 33.80± 3.09s
35.123 S ±34.7km 71.027 W ±23.1km
DEPTH = 125.4 ± 13.9 km
CENTRAL CHILE (136)
MD 3.8 (SAN).

CACH	1.06	19	iP+	12 57.62	0.3
			iS	13 12.69	
LNV	1.21	345	iP+	12 58.71	0.1
			iS	13 13.97	
CHCH	1.23	15	iP+	12 58.68	-0.3
			iS	13 15.16	
TACH	1.47	3	iP+	13 01.39	-0.2
			iS	13 18.81	
PCH	1.56	16	iP+	13 02.74	0.0
			iS	13 21.90	
LCCH	1.70	345	iP	13 04.40	0.1
			iS	13 23.97	
FCH	1.89	19	iP+	13 07.05	0.1
			iS	13 29.63	
PEL	1.99	8	iP+	13 08.16	0.2
			iS	13 31.16	
ROCH	2.15	0	iP	13 09.97	-0.1
			iS	13 34.04	
JACH	2.46	9	iP	13 13.85	-0.1
			iS	13 41.52	
SOB1	37.72	54	eP	19 40.40	1.5
XIN	39.63	58	eP	20 00.70	6.0X
			e	20 39.90	
ITR	39.71	56	iPd	19 54.00	-1.4

S.D. = 0.8 on 12 of 13 obs.

JUN 01, 1994 03h 13m 47.15± 0.11s
11.913 N ± 2.0km 60.998 W ± 1.8km
DEPTH = 73.3km (10 depth phases)
5.3mb (98 obs.)
WINDWARD ISLANDS (95)
Mw 5.4 (HRV). MD 5.5 (TRN). Felt (V) on Grenada, St. Vincent, Trinidad, and Tobago.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 41C
Centroid Location:
Origin Time 03:13:48.2 0.4
Lat 11.75N 0.07 Lon 60.64W 0.05
Dep 51.9 3.8 Half-duration 2.5
Moment Tensor; Scale 10**16 Nm
Mrr=-4.31 0.60 Mtt=-5.39 0.86
Mff= 9.70 0.98 Mrt= 9.29 0.78
Mrf= 4.74 0.90 Mtf= 8.83 0.83
Principal Axes:

T	Val= 17.14	Plg=22	Azm=300
N	-2.48	44	53
P	-14.67	38	192

01d 03h

Best Double Couple:Mo=1.6*10**17
NP1:Strike=343 Dip=45 Slip=-166
NP2: 243 80 -46

GRW	0.69	291	iP	14 04.13	1.6
BOT	0.79	160	iP	14 01.62	-1.9
FCV	1.26	349	iP	14 10.74	1.3
TRN	1.32	198	iPc	14 11.08	0.9
SVB	1.37	350	eP	14 11.61	0.7
SVV	1.41	351	eP	14 12.09	0.6
TCE	1.42	212	iPc	14 12.29	0.8
TBH	1.42	183	iPc	14 11.55	0.0
TPP	1.65	196	iPc	14 15.67	1.1
SLB	1.90	359	eP	14 18.40	0.2
SLW	2.10	2	eP	14 20.45	-0.3
BIM	2.59	358	eP	14 28.07	0.4
MVM	2.63	2	iPd	14 27.85	-0.3
FDF	2.81	357	iPc	14 31.27	0.6
			S	15 03.50	
CRM	2.82	2	iPd	14 30.78	-0.1
DSVT	3.32	354	iP	14 38.41	0.7
			eS	15 15.55	
DTMT	3.32	354	iP	14 38.52	0.7
DPMT	3.35	354	iP	14 38.87	0.7
MDN	3.41	353	iP	14 39.78	0.8
PCRV	3.97	245	iP	14 49.69	2.8
MGG	3.99	356	ePc	14 47.48	0.3
DOG	4.14	352	ePc	14 50.40	1.1
PAG	4.15	351	ePc	14 50.40	0.9
			S	15 38.97	
SFG	4.32	357	ePc	14 51.30	-0.5
TGRV	4.37	226	iPd	14 52.64	0.1
			iS	15 38.77	
DEG	4.37	359	eP	14 51.39	-1.3
SEG	4.49	354	eP	14 54.85	0.6
MBET	4.93	347	iP	15 03.04	2.6
			eS	15 56.04	
GUAN	4.96	247	iPc	15 03.04	2.1
BPA	5.17	351	eP	15 04.14	0.4
SKI	5.65	343	eP	15 11.76	1.3
			eS	16 12.98	
LLAV	5.88	256	iPc	15 14.96	1.2
			eS	16 18.58	
CAR	5.98	257	iPc	15 16.35	1.1
			iS	16 21.02	
OLLA	6.00	252	eP	15 16.86	1.4
			iS	16 23.95	
GUAC	6.39	255	eP	15 23.18	2.3
PLAV	6.70	253	eP	15 25.94	0.7
			iS	16 41.55	
MORO	7.25	263	eP	15 32.31	-0.4
			eS	16 41.55	
CPD	7.72	323	iP	15 39.00	-0.2
CANV	7.72	264	eP	15 39.89	0.7
			iS	17 01.93	
CEOS	7.76	249	eP	15 38.96	-0.8
			iS	17 02.91	
LPR	7.91	324	iP	15 42.00	0.2
SJG	7.92	322	eP	15 41.44	-0.5
CLLP	8.16	319	iP	15 45.20	0.0
MGP	8.45	317	iP	15 48.50	-0.6
MCP	8.75	318	iP	15 53.90	0.6
BMG	12.84	249	eP	16 47.00	-1.5
BOG	14.81	242	eP	17 17.00	2.6
			eS	20 12.00	
GWJ	16.39	294	eP	17 36.10	1.9
STH	16.46	294	eP	17 37.15	2.2
			S	20 29.37	
PCJ	16.67	292	eP	17 34.26	-3.3X
SPJ	17.10	293	eP	17 43.38	0.3
HBF	27.45	323	eP	19 28.46	0.3
SGS	27.71	323	eP	19 30.79	0.3
LHS	28.80	324	eP	19 40.26	-0.1
			epP	19 57.19	72km
LPAZ	28.89	194	iPd	19 43.97	1.9
	0.9s	70.58nm			5.3mb
JSC	28.92	324	ePc	19 41.34	-0.1
CEH	28.94	329	ePc	19 41.51	0.0
	0.6s	138.89nm			5.8mb
LPB	29.12	194	iPc	19 44.70	0.8
	1.1s	303.80nm			5.9mb
			S	24 36.00	
			eLR	26 48.00	
PRM	29.44	322	eP	19 46.09	0.0
CCH	29.55	190	Pd	19 48.80	1.2
ARE	30.04	200	eP	19 51.00	-0.9
BDFB	30.24	155	eP	19 52.27	-1.2

	0.9s	40.55nm			5.2mb
BAO	30.25	155	iPc	19 52.10	-1.4
			e	25 46.60	
CVL	30.29	332	eP	19 53.81	0.2
BLA	30.63	329	ePc	19 57.31	0.6
	1.1s	244.57nm			5.8mb
NAV	30.91	328	iPc	19 59.44	0.4
GMTN	31.10	340	iP	19 59.10	-1.5
TBR	31.35	341	eP	20 02.81	0.0
LSCT	31.52	342	eP	20 05.11	0.7
	1.1s	107.55nm			5.5mb
MCWV	32.28	332	eP	20 11.37	0.4
	1.1s	195.85nm			5.9mb
BINY	32.88	339	iPc	20 16.96	0.7
	0.8s	198.06nm			6.0mb
			epP	20 33.36	68km
MOCB	33.27	188	P	20 18.70	-1.6
LBNH	33.56	346	eP	20 21.73	-0.3
	1.3s	122.18nm			5.6mb
YSNY	34.06	337	ePc	20 27.04	0.6
	0.9s	254.94nm			6.2mb
STCO	34.93	337	P	20 33.95	0.1
OXX	34.93	283	(P)	20 33.50	-0.9
TYNO	35.11	336	P	20 35.60	0.2
MFTN	35.19	318	ePd	20 36.29	0.2
WLVO	35.25	338	P	20 36.50	0.0
GRT	35.27	318	eP	20 36.88	0.1
CBM	35.42	352	eP	20 38.48	0.5
	1.1s	164.85nm			5.9mb
LDN	35.61	334	P	20 39.80	0.2
ACTO	35.62	336	P	20 39.95	0.3
LST	35.62	318	eP	20 40.16	0.4
DLA	35.63	334	P	20 39.25	-0.5
TPMO	35.71	318	eP	20 40.61	0.1
			epP	20 58.97	75km
ELF	35.79	334	P	20 41.00	-0.1
DON	36.14	319	eP	20 43.99	-0.1
PPM	36.89	286	(P)	20 51.00	-0.3
FVM	36.94	320	iPc	20 50.92	0.1
	0.8s	168.07nm			6.0mb
MIAR	37.20	313	iPc	20 52.20	-0.9
	1.1s	55.70nm			5.4mb
			epP	21 09.31	69km
TYS	37.35	320	eP	20 54.31	0.0
CCM	37.50	319	ePc	20 56.07	0.5
	0.9s	206.18nm			6.1mb
			epP	21 14.79	76km
VVO	39.13	312	iPc	21 10.00	0.7
TUL	39.44	313	iPd	21 11.00	-0.8
SIO	39.74	313	iPc	21 13.20	-1.1
MEO	40.99	310	iPd	21 23.00	-1.6
WMOK	41.11	310	ePc	21 23.53	-2.1
	0.4s	18.17nm			5.3mb
			eScP	27 08.00	
ACO	42.21	312	iPd	21 33.60	-1.0
UFRS	42.79	167	eP	21 37.50	-1.8
			e	22 04.30	
LTX	43.25	300	eP	21 40.18	-3.1X
ZON	43.83	189	iPd	21 46.60	-1.2
PEL	45.75	191	iPd	22 02.40	-0.6
	1.0s	710.00nm			6.5mb X
ALQ	47.08	307	iPc	22 13.25	-0.6
	0.8s	19.31nm			5.1mb
			eScP	27 32.83	
KDS	47.63	84	eP	22 16.50	-1.6
GLD	47.83	313	eP	22 18.74	-0.9
	1.3s	34.22nm			5.1mb
RSSD	48.89	319	iPc	22 26.98	-0.8
	0.7s	47.58nm			5.6mb
TUC	49.89	302	eP	22 35.72	0.2
	0.8s	10.36nm			4.9mb
			epP	22 53.79	72km
			eScP	27 45.39	
PV08	49.90	311	eP	22 35.06	-0.7
PV10	50.12	310	eP	22 36.19	-1.2
PV09	50.23	311	ePd	22 37.94	-0.3
			eScP	27 46.77	
SRU	51.46	311	eP	22 46.44	-1.0
			eScP	27 51.80	
BW06	51.99	316	iPc	22 50.18	-1.3
	1.0s	132.13nm			5.9mb
DAU	52.39	312	eP	22 53.63	-1.0
			eScP	27 55.68	
MSU	52.51	310	eP	22 54.62	-0.8
			eScP	27 56.75	
TIO	52.96	60	iP	22 59.00	0.3
AVE	53.23	57	eP	22 55.00	-5.4X

			i	23 18.50	
ARUT	53.29	308	eP	23 00.21	-0.8
GLA	53.38	302	eP	23 00.86	-0.8
DUG	53.46	311	ePc	23 01.41	-0.8
	1.4s	136.15nm			5.8mb
			epP	23 19.55	71km
			eScP	28 00.65	
HVU	53.91	313	eP	23 04.17	-1.4
PTI	53.97	315	eP	23 05.62	-0.3
HHAI	54.12	315	ePd	23 03.82	-3.2X
			(pP)	23 22.50	73km
LKO	54.42	87	Pd	23 07.80	-1.7
	0.9s	95.50nm			5.8mb
LRM	55.03	318	iPc	23 13.40	-0.4
			epP	23 27.90	54kmX
PLM	55.11	302	eP	23 12.89	-1.6
			epP	23 32.91	79km
TPNV	55.27	307	ePc	23 15.03	-0.6
EJIF	55.39	54	eP	23 16.97	0.7
GSC	55.40	305	eP	23 15.74	-0.7
TIC	55.42	90	P	23 14.59	-2.2
	0.7s	22.50nm			5.3mb
PEC	55.45	303	eP	23 16.32	-0.4
	1.8s	79.73nm			5.4mb
LIC	55.48	91	P	23 15.19	-2.0
	0.4s	19.00nm			5.4mb
Z	22s	0.26um			4.3Msz
ERUA	55.57	46	eP	23 17.45	0.0
CSP	55.67	303	eP	23 17.89	-0.6
EPLA	55.72	49	iPd	23 18.29	-0.3
KIC	55.74	90	P	23 17.19	-1.9
	0.8s	55.50nm			5.6mb
TNP	56.26	308	eP	23 21.59	-1.2
	0.8s	10.68nm			4.9mb
ELOJ	56.56	53	iPc	23 24.90	0.1
ISA	56.80	305	eP	23 25.87	-0.6
	2.1s	71.57nm			5.4mb
ERON	56.81	53	iPc	23 26.55	0.0
PAB	56.90	50	iPd	23 26.90	-0.2
			eS	31 25.00	
EBAN	57.04	52	iPd	23 27.63	-0.4
ECOG	57.05	53	eP	23 28.36	0.1
BONR	57.07	308	eP	23 28.34	-0.3
GUD	57.29	49	iPd	23 29.77	-0.1
	1.2s	0.04nm			2.4mb X
GDH	57.49	3	iPc	23 30.00	-0.6
	0.8s	52.24nm			5.7mb
			i	24 07.00	
MMPM	57.58	307	eP	23 31.85	-0.3
EHUE	57.91	53	iPd	23 34.25	0.1
CMB	58.71	307	eP	23 38.80	-0.9
	1.7s	40.00nm			5.3mb
Z	20s	0.30um			4.4Msz
			eS	31 21.31	
			eLQ	36 55.31	
			eLR	42 30.31	
NEW	58.86	320	iPd	23 39.33	-1.3
	0.6s	45.44nm			5.8mb
ETOR	58.88	49	iPd	23 41.36	0.4
LNOR	58.92	317	P	23 39.99	-1.1
ECB	59.14	35	eP	23 43.60	1.2
DCN	59.24	34	eP	23 43.90	0.8
ECP	59.31	36	eP	23 45.00	1.5
ARN	59.50	306	eP	23 44.63	-0.6
MHC	59.58	306	eP	23 45.19	-0.7
	1.1s	50.00nm			5.5mb
COE	59.59	306	eP	23 45.29	-0.5
DLF	59.64	34	eP	23 46.10	0.3
ORV	59.82	309	eP	23 46.50	-0.8
	1.9s	150.00nm			5.8mb
Z	21s	0.40um			4.5Msz
			eS	32 00.36	
			eLQ	37 08.36	
			eLR	43 17.36	
JBO	59.86	316	P	23 46.42	-1.1
WAH2	60.01	317	P	23 47.45	-1.0
LMEM	60.05	310	eP	23 48.83	-0.3
SAW	60.16	318	P	23 48.17	-1.4
VIPM	60.17	315	P	23 49.34	-0.5
LBFM	60.43	311	iPc	23 50.44	-1.3
EGRA	60.44	48	eP	23 55.31	3.9X
VGB	60.51	316	eP	23 51.69	-0.3
WTV	60.52	318	P	23 50.30	-1.7
CROR	60.53	315	P	23 52.02	-0.2
NTYM	60.53	307	eP	23 51.64	-0.5
BTH	60.70	47	Pc	23 58.70	5.5X
			pP	24 19.00	79km

01d 03h

e 24 29.00
EBG 60.71 317 P 23 52.87 -0.5
WDC 60.78 310 eP 23 51.50 -2.3
1.4s 20.00nm 5.1mb
Z 20s 0.50um 4.7Msz
VBEM 60.97 315 P 23 54.99 -0.2
EPF 61.07 47 iPd 23 56.40 0.5
1.2s 45.50nm 5.5mb
YBH 61.11 311 eP 23 53.86 -2.3
1.2s 30.00nm 5.3mb
Z 19s 0.50um 4.7Msz
eLQ 37 03.62
eLR 43 47.62
ASR 61.22 316 P 23 56.50 -0.4
LPF 61.25 42 iPd 23 56.70 -0.2
0.8s 9.25nm 5.0mb
FMW 61.45 317 P 23 57.25 -1.3
GRR 61.46 41 iPd 23 57.30 -1.0
0.8s 9.40nm 5.0mb
MFF 61.49 43 iPd 23 58.50 -0.1
0.9s 10.95nm 5.0mb
LON 61.50 317 eP 23 57.46 -1.3
SSOR 61.53 315 P 23 57.46 -1.5
SALF 61.64 48 P 24 00.70 1.0
SHW 61.66 316 eP 23 58.64 -1.3
RMW 61.67 318 eP 23 57.56 -2.3
LFF 61.74 45 iPd 24 00.20 0.0
1.1s 31.00nm 5.3mb
FLN 61.80 41 iPd 24 00.60 0.0
0.7s 23.60nm 5.4mb
Z 22s 0.25um 4.3Msz
JCW 61.93 318 P 23 59.01 -2.5
KMPM 61.95 309 eP 24 02.51 0.7
ARC 61.98 310 eP 24 01.56 -0.3
1.2s 170.00nm 6.0mb
LDF 61.99 41 iPd 24 01.70 -0.2
1.2s 18.45nm 5.1mb
LPO 62.00 46 iPd 24 01.80 -0.2
0.8s 21.75nm 5.3mb
EKA 62.22 33 P 24 03.00 -0.3
0.7s 2.20nm 4.4mb
GMW 62.33 318 eP 24 02.00 -2.2
RJF 62.35 45 iPd 24 04.00 -0.3
1.2s 25.60nm 5.2mb
BMW 62.39 316 eP 24 03.98 -0.7
KMOR 62.40 315 P 24 04.00 -0.7
LSF 62.55 44 iPd 24 05.40 -0.2
1.1s 19.05nm 5.1mb
MCW 62.63 319 eP 24 04.32 -1.8
CAF 62.66 45 iPd 24 06.20 -0.2
1.1s 35.90nm 5.4mb
PERF 62.82 48 P 24 07.73 0.3
ONR 62.84 317 P 24 07.17 -0.3
TCF 63.02 44 iPd 24 08.50 -0.2
0.9s 15.55nm 5.0mb
STW 63.05 318 P 24 08.39 -0.5
YKA 63.17 335 eP 24 08.10 -1.3
0.5s 55.70nm 5.8mb
Z 21s 1.01um 5.0Msz
LR 51 56.00
MAF 63.25 44 iPd 24 09.90 -0.3
1.1s 17.60nm 5.0mb
HYF 63.50 43 eP 24 11.90 0.0
BGF 63.50 44 iPd 24 11.60 -0.3
1.1s 25.90nm 5.1mb
AVF 63.89 44 iPd 24 13.90 -0.5
1.1s 22.95nm 5.0mb
SSF 64.04 43 iPd 24 14.90 -0.5
1.1s 19.80nm 5.0mb
SMF 64.19 44 iPd 24 16.10 -0.3
1.0s 31.80nm 5.2mb
LOR 64.32 43 iPd 24 16.60 -0.6
0.8s 13.15nm 4.9mb
Z 24s 0.38um 4.5MszX
LBF 64.35 43 iPd 24 16.80 -0.6
0.8s 9.40nm 4.8mb
GRN 65.28 46 P 24 24.33 0.8
LRG 65.48 48 iPd 24 24.60 -0.1
0.8s 11.30nm 4.9mb
Z 26s 0.30um 4.4MszX
LMR 65.58 48 iPd 24 25.20 -0.2
1.0s 20.80nm 5.0mb
FRF 65.70 48 iPd 24 26.00 -0.2
1.0s 22.80nm 5.1mb
CALN 65.90 47 P 24 27.80 0.2
SURF 65.93 47 P 24 28.50 0.6
RRL 65.97 46 P 24 28.03 -0.1

LPL 66.01 45 iPd 24 29.00 0.6
1.1s 32.70nm 5.2mb
LPG 66.02 45 iPd 24 29.10 0.6
1.1s 25.40nm 5.1mb
HAU 66.10 43 iPd 24 28.20 -0.5
Z 24s 0.35um 4.5MszX
PZZ 66.14 47 P 24 29.31 0.2
TOUF 66.19 47 P 24 29.92 0.4
EMS 66.22 45 ePd 24 29.80 0.1
AURF 66.23 47 P 24 29.47 -0.2
WLF 66.24 41 iPc 24 29.78 0.3
REVF 66.24 47 P 24 30.21 0.5
STV 66.27 47 P 24 29.77 -0.1
ENN 66.29 40 eP 24 30.00 0.2
0.8s 19.00nm 5.1mb
BHB 66.30 46 P 24 29.31 -0.7
SBF 66.31 47 iPd 24 30.00 -0.1
1.1s 27.10nm 5.1mb
AUTN 66.32 47 P 24 30.90 0.5
LOMF 66.32 43 P 24 30.03 -0.2
RSP 66.33 46 P 24 30.50 0.2
ENR 66.34 47 P 24 30.82 0.5
BSF 66.37 43 iPd 24 29.60 -0.9
0.8s 14.65nm 5.0mb
SAOF 66.41 47 P 24 30.83 0.1
DIX 66.55 45 ePd 24 32.50 0.6
MOF 66.60 43 P 24 31.35 -0.6
ROB 66.66 47 P 24 31.64 -0.8
ECH 66.67 43 P 24 32.09 -0.2
CDF 66.78 42 iPd 24 32.40 -0.7
1.1s 28.55nm 5.1mb
BBS 66.80 43 P 24 32.41 -0.7
WLS 66.83 42 P 24 33.00 -0.3
FIN 66.90 47 P 24 32.74 -1.1
MMK 66.93 45 ePd 24 35.00 0.7
WTS 67.06 38 eP 24 35.00 0.4
0.8s 18.90nm 5.1mb
e 24 53.00
PCP 67.17 47 P 24 34.89 -0.7
FEL 67.19 43 P 24 35.28 -0.5
LANF 67.20 42 P 24 35.73 0.1
HOFF 67.30 42 P 24 36.64 0.4
PGF 67.32 49 iPd 24 36.30 -0.3
0.9s 22.60nm 5.1mb
SLE 67.50 43 ePd 24 37.40 -0.1
TMA 67.56 45 ePd 24 37.80 -0.4
TNS 67.80 41 iPd 24 39.30 -0.1
iPcPd 25 06.00
OSS 68.50 44 ePd 24 44.10 0.1
DAG 68.50 10 iPd 24 43.50 0.3
1.1s 107.59nm 5.7mb
MOTA 69.21 44 iPd 24 48.00 -0.3
SQTA 69.27 44 iPd 24 48.50 -0.1
1.0s 61.80nm 5.5mb
GRF 69.51 41 eP 24 50.10 0.2
Z 20s 0.30um 4.5Msz
eS 33 53.10
WATA 69.53 44 iPd 24 49.70 -0.6
WTTA 69.57 44 iPd 24 50.10 -0.4
0.8s 12.00nm 4.9mb
MOX 69.86 40 eP 24 52.20 0.2
BHG 70.44 44 iPKPc 24 55.80 0.2
WET 70.54 42 iPKPc 24 56.60 0.4
KBA 70.72 44 iPd 24 57.20 -0.3
1.0s 45.70nm 5.4mb
CLL 70.79 40 iPc 24 58.00 0.3
1.0s 15.00nm 4.9mb
e 25 15.00
KHC 71.00 42 P 24 58.50 -0.5
1.2s 12.00nm 4.7mb
e 25 15.00
e 25 28.00
e 25 48.00
VOY 71.04 45 eP 24 59.30 -0.1
NB2 71.05 29 P 24 59.90 0.8
0.7s 4.60nm 4.5mb
BRG 71.35 40 iP 25 01.50 0.5
1.0s 16.00nm 4.9mb
LJU 71.49 45 ePd 25 02.00 0.0
ePcP 25 22.50
eS 34 24.00
SIT 71.56 326 eP 25 03.00 0.9
0.7s 164.70nm 6.1mb
PRU 71.68 41 P 25 03.20 0.2
1.0s 14.60nm 4.9mb
e 25 19.00
HFS 72.13 30 eP 25 05.30 -0.2

0.6s 13.50nm 5.1mb
PTJ 72.48 46 eP 25 07.40 -0.5
ZST 73.29 43 iP 25 12.90 0.4
OKC 74.00 41 (P) 25 17.40 0.8
SRO 74.11 44 eP 25 15.50 -1.7
SPC 75.37 42 eP 25 26.30 1.5
BALM 75.47 330 eP 25 25.41 0.4
ePP 28 15.13
IGT 75.87 52 eP 25 28.68 1.1
SKO 76.54 49 iPd 25 32.00 0.7
1.0s 60.00nm 5.5mb
FNA 76.58 51 eP 25 32.54 1.0
UZH 76.75 43 ePd 25 34.50 2.3
1.0s 31.00nm 5.2mb
e 25 50.20
e 26 11.70
KLU 77.20 331 iPc 25 35.18 0.6
TOA 77.31 331 ePc 25 35.90 0.7
1.2s 275.90nm 6.1mb
GRG 77.34 50 eP 25 36.84 1.1
VAY 77.44 50 iP 25 37.00 0.8
AGG 77.46 52 eP 25 37.44 1.0
NUR 77.59 30 eP 25 37.10 0.5
KNT 77.70 50 iP 25 38.96 1.3
VTS 77.80 49 iP 25 39.00 0.6
FBA 77.95 334 ePc 25 39.00 0.5
0.9s 114.00nm 5.8mb
SOH 78.07 51 iP 25 41.33 1.5
SDF 78.09 23 eP 25 38.00 -1.3
MMB 78.28 50 iP 25 42.00 1.1
KAF 78.31 29 iP 25 41.20 0.7
0.5s 6.80nm 4.8mb
PAIG 78.41 51 eP 25 42.56 1.0
OUR 78.60 51 iP 25 43.90 1.3
PMR 78.73 331 ePc 25 43.60 0.7
0.5s 30.30nm 5.5mb
Z 20s 1.30um 5.3Msz
RZN 79.01 50 iPd 25 46.00 0.9
SLKM 79.35 330 iPc 25 47.10 0.8
MLR 79.48 46 iPc 25 48.50 1.0
KDZ 79.53 50 iP 25 48.00 0.3
ISR 79.95 46 eP 25 50.00 0.1
VRI 79.99 45 ePd 25 50.00 0.0
ALN 80.09 50 iP 25 51.32 0.7
CP2 80.25 331 eP 25 52.10 0.7
IMA 80.29 336 iPc 25 52.30 0.9
0.7s 33.40nm 5.4mb
PUL 80.47 31 (P) 26 12.00 19.8X
BRW 80.65 341 ePc 25 54.60 1.6
KDC 80.83 327 ePc 25 55.30 1.2
0.7s 80.10nm 5.8mb
AUP 81.08 329 eP 25 56.16 0.6
LVZ 81.18 22 eP 25 57.30 1.4
TTA 81.76 333 ePc 25 59.60 0.5
1.1s 40.10nm 5.3mb
SVW 81.90 331 iPc 26 00.70 1.0
1.3s 741.20nm 6.5mb X
WIN 83.78 115 iPd 26 11.00 0.6
1.0s 80.00nm 5.7mb
ILT 88.99 340 iPc 26 35.00 0.2
1.2s 75.00nm 5.8mb
i 30 05.00
eS 37 10.00
eSP 38 20.00
RUV 89.65 254 eP 26 39.40 0.7
1.0s 102.40nm 6.0mb
TPT 89.83 255 eP 26 40.30 0.8
1.1s 168.50nm 6.2mb
VAH 89.89 254 eP 26 40.60 0.8
1.2s 107.70nm 6.0mb
PMO 90.09 255 eP 26 41.50 0.7
0.8s 97.50nm 6.1mb
SNA 91.18 163 iPc 26 44.10 -0.6
0.5s 36.00nm 6.0mb
KIV 91.46 45 eP 26 49.10 2.3
1.2s 10.00nm 5.1mb
e 27 28.00
LBTB 91.92 115 ePc 26 50.49 1.3
0.9s 14.60nm 5.4mb
PPT 92.20 253 eP 26 51.40 0.9
1.5s 346.80nm 6.6mb X
BOSA 92.52 119 eP 26 50.90 -0.8
0.7s 24.08nm 5.7mb
SLR 94.44 115 eP 26 59.00 -1.9
CSY 125.38 176 iPKPd 32 41.60 0.9
0.6s 7.70nm
PYUN 127.11 41 PKP 32 45.57 0.0

DANN 127.42 40 PKP 32 46.87 0.6
0.8s 35.00nm
KOLN 127.73 40 PKP 32 46.91 0.2
GKN 128.21 39 PKP 32 48.33 0.8
BJI 128.25 3 ePKP 32 49.00 2.0
1.0s 11.00nm
Z 20s 0.30um 5.0Msz
MAT 128.52 340 ePKP 32 48.00 0.3
DMN 128.78 39 PKP 32 50.63 1.8
PKI 129.00 39 PKP 32 52.03 2.7X
JIRN 129.41 38 PKP 32 54.85 4.7X
0.4s 6.00nm
LZH 130.16 16 ePKP 32 54.50 3.5X
2.0s 30.00nm
RAMN 130.18 39 PKP 32 52.55 1.1
TAPN 130.56 37 PKP 32 55.63 3.4X
ODAN 130.73 38 PKP 32 53.47 1.0
CHTO 143.62 33 ePKP 33 18.20 2.1X
0.9s 18.33nm
CNB 143.97 225 ePKP 33 16.00 -0.4
0.9s 17.00nm
i 36 52.10
CAN 144.21 224 ePKP 33 16.80 0.1
eSKP 36 50.60
ARMA 144.62 234 iPKPd 33 18.00 0.3
0.5s 41.00nm
e 36 53.00
TOO 145.14 218 iPKPd 33 19.00 0.8
0.7s 154.00nm
e 36 52.80
NST 146.83 35 ePKP 33 27.50 6.0X
CVP 150.44 355 ePKPd 33 36.00 8.9X
ADE 150.90 215 e(PKP)33 32.60 5.2X
STKA 151.23 223 iPKPd 33 26.50 -1.4
STKA 151.23 223 iPKP 33 32.30 4.4X
BAG 151.82 357 ePKP 33 33.00 3.6X
CTA 152.60 249 iPKPc 33 39.00 8.7X
1.0s 70.00nm
e 34 34.70
ASPA 161.64 228 ePKP 33 43.10 1.9
eSKKS 44 50.40
WB2 163.23 240 iPKPc 33 45.80 3.0X
0.6s 8.90nm
S.D. = 0.9 on 342 of 361 obs.

JUN 01, 1994 03h 25m 09.91± 0.57s
11.955 N ± 3.9km 60.723 W ± 9.9km
DEPTH = 22.8 ± 5.1 km
WINDWARD ISLANDS (95)
MD 3.9 (TRN).

BOT 0.78 180 eP 25 24.82 0.1
eS 25 36.38
GRW 0.94 283 eP 25 27.63 0.2
SVB 1.41 339 eP 25 34.75 0.5
SVV 1.44 340 eP 25 35.17 0.5
TRN 1.46 207 eP 25 34.54 -0.5
TBH 1.50 193 eP 25 35.00 -0.6
TCE 1.61 219 eP 25 36.51 -0.7
TPP 1.78 204 eP 25 39.92 0.3
SLB 1.88 351 eP 25 41.34 0.1
eS 26 03.01
SLW 2.06 354 eP 25 43.76 -0.1
eS 26 10.25
BIM 2.57 352 eP 25 51.20 0.2
S 26 22.88
MVM 2.59 356 iPc 25 51.23 -0.1
CRM 2.79 356 iPc 25 54.16 0.1
S 26 26.52
FDF 2.79 351 iPc 25 54.60 0.4
MGG 3.98 352 eP 26 12.50 1.5
PAG 4.16 347 eP 26 14.00 0.4
S 27 02.70
DEG 4.34 356 eP 26 15.00 -1.2
BPA 5.18 348 eP 26 25.00 -3.0
GUAN 5.23 248 iP 26 29.00 0.2
iS 27 26.08
VAO 37.26 159 eP 32 02.10 -19.9X
UFRS 42.78 168 (P) 33 08.00 0.5
S.D. = 1.0 on 20 of 21 obs.

? JUN 01, 1994 04h 19m 21.42± 1.35s
43.337 N ±21.2km 146.846 E ±18.6km
DEPTH = 10.0km (geophysicist)
4.5mb (5 obs.)
KURIL ISLANDS (221)

KUSJ 1.58 262 iPd 19 49.30 -0.2
eS 20 06.10
HOOJ 2.78 251 eP 20 10.10 3.3X
eS 20 41.60
ASAJ 3.15 286 eP 20 15.20 3.3X
MRRJ 4.34 260 eP 20 30.70 1.8
eS 21 19.20
OFUJ 5.77 224 eP 20 48.60 -0.5
GUN 50.82 273 P 28 24.15 -0.3
RAMN 50.84 272 P 28 24.25 -0.3
0.6s 10.00nm 4.9mb
DANN 52.11 275 P 28 34.39 0.1
1.0s 25.00nm 5.1mb
PYUN 52.81 275 P 28 39.09 -0.3
YKA 56.27 34 eP 29 05.60 1.7
0.6s 0.60nm 3.8mb
NB2 69.91 339 P 30 33.30 -0.9
0.6s 0.80nm 4.0mb
HFS 69.99 337 eP 30 33.50 -1.1
0.4s 1.40nm 4.4mb
S.D. = 1.1 on 10 of 12 obs.

% JUN 01, 1994 04h 29m 16.03± 1.09s
11.918 N ± 5.1km 60.765 W ±16.8km
DEPTH = 33.0km (normal)
WINDWARD ISLANDS (95)
MD 3.3 (TRN).

GRW 0.91 285 eP 29 32.69 0.2
eS 29 46.60
TRN 1.41 206 eP 29 39.68 0.1
eS 29 57.04
SVB 1.43 341 eP 29 39.75 -0.1
eS 29 58.24
TBH 1.46 192 eP 29 40.36 0.1
SVV 1.46 343 eP 29 40.19 -0.1
eS 30 00.74
TCE 1.55 219 eP 29 41.36 -0.3
SLB 1.92 352 eP 29 47.15 0.2
eS 30 10.03
S.D. = 0.2 on 7 of 7 obs.

% JUN 01, 1994 04h 31m 50.42± 0.83s
40.828 N ± 6.5km 28.452 E ± 7.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.0 (ISK).

CTT 0.32 357 iPg 31 57.10 0.0
ISK 0.52 62 iPg 32 01.10 0.2
iSg 32 09.10
KCT 0.58 187 ePg 32 02.00 -0.2
MFT 0.89 268 ePn 32 08.00 0.5
DMK 1.12 332 iPn 32 11.00 -0.4
S.D. = 0.5 on 5 of 5 obs.

? JUN 01, 1994 04h 42m 47.52± 1.72s
34.061 S ±19.3km 70.315 W ±23.0km
DEPTH = 110.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.3 (SAN).

CACH 0.24 257 iP 43 03.82 0.3
iS 43 16.39
CHCH 0.31 294 iP 43 03.64 0.1
iS 43 15.92
PCH 0.47 339 iP+ 43 04.12 -0.4
iS 43 16.83
TACH 0.66 308 iP 43 05.48 -0.3
iS 43 19.45
FCH 0.73 2 iP+ 43 06.11 -0.7
iS 43 21.26
LNV 0.92 276 iP 43 08.40 0.3
iS 43 24.55
PEL 0.97 341 (P) 43 11.00 2.3
iS 43 23.79
LCCH 1.20 299 iPd 43 10.39 -0.7
iS 43 28.43
JACH 1.39 350 iPd 43 12.82 -0.7
iS 43 32.26
S.D. = 1.1 on 9 of 9 obs.

& JUN 01, 1994 05h 46m 32.69s
36.803 N 121.539 W
DEPTH = 8.1km
CENTRAL CALIFORNIA (39)
<GM-P>. MD 3.1 (GM). ML 2.8

(GS).

HJGM 0.03 260 iPc 46 34.13 -0.2
HSFM 0.03 74 iPd 46 34.15 -0.3
SAO 0.08 117 eP 46 34.21 -0.8
BVYM 0.11 118 P 46 35.40 0.0
BSRM 0.14 173 eP 46 35.79 0.0
eS 46 38.09
HCOM 0.16 302 P 46 36.31 0.1
CBC 0.16 323 P 46 35.99 -0.2
BCGM 0.18 121 iPd 46 36.61 0.0
HGWM 0.23 337 P 46 37.47 -0.1
BHRM 0.23 109 P 46 38.31 0.7
BLRM 0.25 123 P 46 38.02 0.0
EUC 0.33 319 P 46 39.82 0.4
CBO 0.33 339 P 46 39.45 0.0
ADR 0.37 349 P 46 40.31 0.2
BPRM 0.42 201 P 46 41.22 -0.1
SHG 0.45 149 P 46 41.25 -0.6
JSTM 0.45 333 P 46 41.86 0.0
COE 0.47 347 eP 46 42.91 0.8
BCWM 0.50 183 P 46 42.54 -0.2
ARN 0.55 1 iPd 46 43.80 0.1
JBLM 0.60 303 P 46 44.10 -0.7
BPOM 0.60 198 P 46 44.34 -0.5
CMMM 0.65 3 P 46 45.97 0.1
LRC 0.68 144 P 46 45.50 -0.9
COSM 0.72 11 P 46 47.30 0.2
JJRM 0.76 316 P 46 47.81 0.1
SFT 0.79 320 P 46 49.68 1.5
MNR 0.79 354 P 46 48.45 0.1
CSTL 0.84 2 P 46 49.95 1.0
BGH 0.84 310 P 46 48.59 -0.4
MOP 0.84 134 P 46 48.68 -0.4
CCYM 0.87 330 P 46 48.70 -0.8
PRCM 0.92 126 P 46 50.63 0.2
CGPM 0.92 336 P 46 50.54 0.1
PSAM 0.94 146 P 46 50.38 -0.3
PTV 0.96 136 P 46 49.56 -1.5
JCHM 0.98 317 P 46 50.59 -0.8
JCPM 1.00 322 P 46 51.56 -0.3
CSLM 1.03 333 P 46 52.63 0.3
SAC 1.05 318 P 46 52.09 -0.5
PSMM 1.06 134 P 46 52.88 0.0
BGC 1.09 338 P 46 54.45 1.0
CMCM 1.10 333 P 46 53.60 0.1
PARM 1.11 119 P 46 54.68 0.9
MGA 1.12 318 P 46 53.02 -0.8
CSVM 1.12 341 P 46 55.47 1.6
PCRM 1.14 128 P 46 54.66 0.5
PANM 1.14 153 P 46 53.81 -0.4
PSTM 1.21 136 P 46 54.49 -0.9
BKC 1.21 338 P 46 54.56 -0.8
AGC 1.27 326 P 46 56.74 0.3
PADM 1.28 155 P 46 56.06 -0.6
WKR 1.29 140 P 46 55.56 -1.2
CTM 1.30 132 P 46 59.12 2.1
HMR 1.37 351 eP 47 00.59 2.7
PKEM 1.37 122 eP 46 58.47 0.4
MCUM 1.38 32 P 46 58.40 0.2
PMRM 1.46 134 P 46 58.62 -0.8
PAGM 1.49 135 P 46 58.97 -0.8
CMB 1.54 36 eP 47 00.21 -0.2
SNT 1.56 332 P 47 02.34 1.7
PTRM 1.57 136 P 47 00.81 -0.1
PMGM 1.60 149 P 47 00.07 -1.3
LOC 1.64 326 P 47 03.69 1.8
NTYM 1.82 331 eP 47 03.02 -1.4
NTBM 1.82 323 P 47 08.92 4.5
YEG 1.87 136 P 47 04.61 -0.7
BCH 2.00 143 eP 47 05.94 -1.3
MMPM 2.16 67 eP 47 10.73 0.9
MTUM 2.44 76 eP 47 13.95 0.3
ABL 2.71 135 eP 47 16.22 -1.3
ISA 2.73 114 eP 47 16.73 -0.9
ORV 2.75 1 eP 47 18.14 0.3
BONR 2.82 65 eP 47 19.83 0.6
TNP 3.67 68 (P) 47 36.64 5.5
GSC 4.12 110 eP 47 36.55 -0.8
TPNV 4.24 86 eP 47 40.34 1.1
77 obs. associated

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* JUN 01, 1994 05h 54m 35.93± 1.37s
39.901 N ± 7.3km 19.730 E ±11.6km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
MD 3.1 (ATH).

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01d 05h

KEK     0.20 164 ePg    54 40.50    0.3
                 eSb    54 45.00
SRN     0.21  96 iPgd   54 38.90   -1.6
                 iSg    54 41.40
TPE     0.45  29 iPgc   54 43.00   -2.1
IGT     0.59 128 ePg    54 47.36   -0.6
                 eSg    54 57.12
VLO     0.59 343 ePg    54 46.30   -1.6
LSK     0.71  69 iPgd   54 48.20   -1.8
                 iSg    54 59.50
KBN     1.08  48 ePg    54 57.70    1.3
                 iSg    55 14.00
TIR     1.45   4 ePn    55 04.00    1.8
FNA     1.54  54 iPb    55 06.04    2.6X
                 eSb    55 28.04
KZN     1.62  75 ePn    55 06.60    2.0
LIT     2.13  84 ePn    55 13.20    1.2
                 iSn    55 41.36
AGG     2.20 113 ePn    55 12.54   -0.5
GRG     2.30  62 ePn    55 15.44    1.0
                 eSn    55 46.68
SKO     2.44  32 ePn    55 22.00    5.6X
VAY     2.59  56 ePn    55 21.60    3.1X
KNT     2.72  61 ePn    55 21.28    0.8
SOH     2.92  70 iPn    55 23.94    0.7
PAIG    3.04  88 ePn    55 24.08   -0.8
     S.D. = 1.5  on  15 of  18 obs.
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% JUN 01, 1994  06h 15m 30.60± 1.94s
   36.723 N ±18.6km     2.864 W ± 8.3km
   DEPTH =  10.0km  (geophysicist)
 STRAIT OF GIBRALTAR                (385)
     mbLg 2.8 (MDD).

EGUA    0.57 281 iPc    15 40.71   -1.5
                 eS     15 48.30
ENIJ    0.58  65 eP     15 41.67   -0.7
                 eS     15 51.10
ECOG    0.79 315 eP     15 44.17   -1.9
                 eS     15 53.50
ERON    0.81 292 eP     15 45.35   -1.1
                 eS     15 56.90
EHUE    1.11  11 eP     15 51.33   -0.2
                 eS     16 06.30
ELOJ    1.12 293 eP     15 52.76    1.2
                 eS     16 05.20
ELUQ    1.40 307 eP     15 57.41    1.2
                 eS     16 15.60
EBAN    1.61 333 eP     16 00.02    0.8
                 eS     16 20.80
EPRU    1.91 278 eP     16 04.80    1.2
                 eS     16 27.50
EVIA    1.93   8 eP     16 04.92    1.0
                 eS     16 28.60
PAB     3.05 338 ePg    16 30.00   10.2X
                 eSg    17 07.00
     S.D. = 1.4  on  10 of  11 obs.
-------------------------------------
? JUN 01, 1994  06h 43m 29.35± 3.78s
   35.307 N ±11.0km    38.239 E ±49.9km
   DEPTH =  33.0km  (normal)
 JORDAN - SYRIA REGION              (374)
     ML 3.7 (BHL).

GAZ     2.04 336 ePn    44 02.00    0.0
BHL     2.55 237 Pn     44 08.00   -1.4
                 Sn     44 45.00
HRI     2.90 226 Pn     44 14.00   -0.3
KSHT    3.05 222 Pn     44 16.30   -0.2
MMR     3.29 226 Pn     44 20.80    1.0
ADI     3.34 229 Pn     44 20.90    0.3
GLH     3.36 220 Pn     44 21.00    0.2
ATZ     3.50 226 Pn     44 23.50    0.7
HRSH    3.58 224 Pn     44 24.50    0.6
MML     3.71 220 Pn     44 24.90   -0.8
HMDT    3.79 217 Pn     44 25.50   -1.3
MAMI    3.80 223 Pn     44 27.10    0.1
ZNT     4.06 222 Pn     44 31.00    0.2
                 S      45 28.50
     S.D. = 0.8  on  13 of  13 obs.
-------------------------------------
   JUN 01, 1994  06h 48m 18.28± 0.42s
   35.251 N ± 4.2km     4.045 W ± 5.1km
   DEPTH =  10.0km  (geophysicist)
 STRAIT OF GIBRALTAR                (385)
     mbLg 3.3 (MDD).

EMEL    0.89  87 iPc    48 35.70    0.3
                 eS     48 49.50
TAF     1.41 108 iPnd   48 44.00    0.0
                 i      48 48.50
                 iSn    49 03.00
EGUA    1.63  14 eP     48 46.04   -1.0
                 eS     49 06.30
PLAT    1.64 302 iP     48 52.50    5.2X
EJIF    1.67 316 eP     48 48.43    0.8
                 eS     49 09.10
MOMI    1.73 309 eP     48 54.00    5.4X
ERON    1.77   6 eP     48 49.27   -0.1
                 eS     49 09.30
ELOJ    1.89 357 eP     48 51.47    0.4
                 eS     49 14.00
IFR     1.95 208 iPn    48 52.50    0.6
                 iSn    49 16.50
ECOG    2.06  11 eP     48 53.59    0.2
                 eS     49 17.50
ENIJ    2.27  40 eP     48 56.36   -0.1
                 eS     49 21.80
ELUQ    2.31 356 eP     48 56.70   -0.3
                 eS     49 22.60
EHUE    2.81  24 eP     49 04.32    0.1
                 eS     49 34.50
AVE     3.40 236 ePn    49 12.00   -0.5
                 eS     49 47.00
                 iSn    49 49.50
TIO     5.09 213 iPn    49 36.00   -0.5
                 iSn    50 32.50
     S.D. = 0.5  on  13 of  15 obs.
-------------------------------------
? JUN 01, 1994  07h 09m 36.96± 3.91s
   32.295 S ±17.0km    72.221 W ±29.0km
   DEPTH =  10.0km  (geophysicist)
 OFF COAST OF CENTRAL CHILE         (134)
     MD 4.0 (SAN).

ROCH    1.22 124 iPd    09 59.27   -0.6
                 iS     10 09.84
LCCH    1.30 155 iP     09 59.88   -1.1
JACH    1.43 106 iPd    10 03.92    0.9
                 iS     10 18.62
PEL     1.55 124 iP+    10 04.76    0.1
                 iS     10 19.39
TACH    1.73 142 iP+    10 06.75   -0.5
                 iS     10 22.71
SAN     1.75 132 iP     10 07.64    0.1
                 iS     10 24.40
LNV     1.79 158 iPd    10 08.23    0.1
                 iS     10 25.59
FCH     1.92 123 iP+    10 10.77    0.4
                 iS     10 30.22
PCH     1.95 133 iP+    10 10.84    0.3
                 iS     10 29.84
CHCH    2.10 142 iP+    10 12.54   -0.1
                 iS     10 34.09
CACH    2.27 144 iP+    10 16.48    1.3
                 iS     10 40.27
ZON     3.10  77 eP     10 26.10   -0.8
     S.D. = 0.8  on  12 of  12 obs.
-------------------------------------
* JUN 01, 1994  07h 16m 21.63± 1.00s
   36.819 N ±23.3km    69.600 E ±12.5km
   DEPTH =  33.0km  (normal)
   4.4mb (  3 obs.)
 HINDU KUSH REGION, AFGHANISTAN     (718)

MAIO    8.15 269 ePn    18 20.00   -0.6
                 eSn    19 47.00
NDI    10.34 140 eP     18 53.00    2.3
PYUN   14.25 124 P      19 42.64   -0.6
DANN   14.61 121 P      19 47.00   -1.1
GKN    15.43 120 P      19 57.36   -1.3
PKI    16.23 120 P      20 09.20    0.1
GUN    16.36 118 P      20 11.42    0.7
        0.5s     35.00nm          4.7mb
RAMN   17.45 119 P      20 23.32   -1.0
ODAN   18.06 118 P      20 32.30    0.4
        0.6s     28.00nm          4.6mb
YKA    80.97   2 eP     28 34.80    1.0
        0.5s      0.30nm          3.5mb
     S.D. = 1.3  on  10 of  10 obs.
-------------------------------------
? JUN 01, 1994  07h 42m 52.36± 5.53s
   33.951 S ±21.8km    72.171 W ±41.4km
   DEPTH =  33.0km  (normal)
 OFF COAST OF CENTRAL CHILE         (134)
     MD 4.3 (SAN).

LNV     0.63  91 iP+    43 04.14   -0.7
                 iS     43 14.31
LCCH    0.69  47 iP+    43 04.87   -0.8
                 iS     43 15.80
IHA     1.02  26 eP     43 10.50    0.1
                 eS     43 25.00
TACH    1.07  74 iP+    43 10.65   -0.4
                 iS     43 25.91
CHCH    1.26  90 iP+    43 13.83    0.0
                 iS     43 31.74
CACH    1.31  98 iP+    43 15.14    0.5
                 iS     43 34.34
SAN     1.35  69 iPd    43 15.38    0.3
                 iS     43 35.08
ROCH    1.38  45 iP+    43 15.65    0.0
                 iS     43 35.74
PCH     1.42  77 iPd    43 16.23    0.1
                 (S)    43 38.00
PEL     1.48  57 iPd    43 17.70    0.7
                 iS     43 39.05
FCH     1.69  69 iPd    43 20.38    0.1
                 iS     43 44.32
JACH    1.83  47 iP+    43 22.20    0.1
ZON     3.80  52 eP     43 55.10    5.1X
     S.D. = 0.5  on  12 of  13 obs.
-------------------------------------
* JUN 01, 1994  07h 54m 03.29± 0.86s
   74.907 N ±13.3km     8.737 E ± 8.5km
   DEPTH =  10.0km  (geophysicist)
   4.0mb (  3 obs.)
 GREENLAND SEA                      (640)

BJO     2.80  93 iPc    54 49.68    0.8
                 eS     55 17.87
SPA0    3.74  25 Pn     55 04.30    2.1X
                 Sn     55 45.69
JNE     6.35 240 eP     55 38.64   -0.4
JNW     6.35 241 eP     55 38.52   -0.6
DAG     6.95 299 iPc    55 43.90   -3.6X
        0.6s      6.67nm          4.9mb X
                 isP    56 54.00
ARA0    7.41 128 Pn     55 53.17   -0.9
                 Sn     57 13.42
APA0   10.60 121 Pn     56 37.19   -0.8
                 Sn     58 27.02
KAF    14.26 145 iP     57 28.10    1.1
        0.7s     18.90nm          4.9mb X
NRA0   14.28 174 P      57 39.03   11.8X
FIA0   14.87 146 Pn     57 36.30    1.4
HFS    14.95 170 eP     57 45.00    9.0X
        0.6s      3.20nm          4.0mb
OBN    22.65 136 eP     59 12.00    6.8X
        1.3s     26.00nm          4.6mb
YKA    38.01 321 eP     01 24.70    2.2
        0.9s      1.80nm          3.8mb
WRA   118.08  60 Pdiff  09 08.80   -1.1
        0.5s      0.70nm
WB2   118.08  60 iPdiff09 08.10    -1.8
        0.7s      2.50nm
ASPA  121.57  62 iPdiff09 10.70  -14.7X
        0.9s      8.80nm
     S.D. = 1.5  on  10 of  16 obs.
-------------------------------------
   JUN 01, 1994  08h 29m 53.87± 1.72s
   44.774 N ± 4.2km     6.643 E ±15.2km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                             (538)
     ML 2.4 (GEN).

RRL     0.18  35 P      29 58.06    0.0
                 S      30 01.13
FOUF    0.26 158 iPg    29 59.48    0.0
                 eSg    30 03.74
PZZ     0.42 129 P      30 02.59    0.0
                 S      30 08.59
BHB     0.45  81 P      30 02.96    0.0
                 S      30 08.91
RSP     0.58  49 P      30 05.75    0.1
                 S      30 13.48
STV     0.72 137 P      30 08.22    0.1
LSD     0.77  28 P      30 09.05   -0.1
ENR     0.78 134 P      30 08.95   -0.2
     S.D. = 0.1  on   8 of   8 obs.
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? JUN 01, 1994 08h 54m 20.37± 6.87s
32.370 S ±46.5km 71.690 W ±34.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.9 (SAN).

ROCH 0.83 137 iP 54 36.03 0.2
iS 54 46.78
JACH 0.98 109 iP+ 54 37.77 -0.1
iS 54 50.40
LCCH 1.11 175 iPd 54 40.01 0.4
iS 54 53.59
PEL 1.15 133 iP 54 40.41 0.2
iS 54 54.13
TACH 1.43 154 iP 54 44.48 0.3
iS 55 01.97
FCH 1.52 129 iP 54 45.62 -0.2
iS 55 03.92
PCH 1.59 142 iP 54 46.29 -0.4
iS 55 06.17
LNV 1.60 172 iP 54 45.95 -0.7
iS 55 05.03
CHCH 1.79 151 iP 54 49.39 0.0
iS 55 10.55
S.D. = 0.4 on 9 of 9 obs.

? JUN 01, 1994 09h 24m 33.74± 3.19s
15.254 N ± 8.8km 60.601 W ±50.4km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 2.6 (FDF).

CRM 0.58 211 iPc 24 45.19 -0.3
FDF 0.74 226 iPc 24 47.87 0.1
S 24 57.34
MVM 0.75 202 eP 24 48.03 0.1
S 24 57.75
BIM 0.86 212 eP 24 49.61 0.1
S 25 00.47
DEG 1.14 337 eP 24 53.50 0.0
S 25 07.50
S.D. = 0.3 on 5 of 5 obs.

JUN 01, 1994 09h 28m 08.06± 0.39s
42.331 S ± 5.5km 173.940 E ± 6.2km
DEPTH = 14.0 ± 2.7 km
SOUTH ISLAND, NEW ZEALAND (162)
ML 4.5 (WEL).

THZ 0.96 306 Pd 28 25.90 -0.1
S 28 36.90
TCW 1.14 13 Pc 28 29.40 0.3
WEL 1.21 31 P 28 31.10 0.8
S 28 46.50
MRW 1.24 28 P 28 31.20 0.5
S 28 46.20
LTZ 1.31 249 Pc 28 34.10 2.1
eS 28 51.80
MOW 1.34 48 P 28 32.80 0.5
CAW 1.48 35 Pd 28 34.70 0.4
BLW 1.50 51 P 28 34.80 0.3
DIW 1.53 359 P 28 34.90 0.0
KIW 1.64 27 P 28 36.80 0.3
MTW 1.65 45 P 28 36.60 -0.1
MQZ 1.67 214 P 28 38.50 1.6
S 28 59.90
AMW 1.70 54 P 28 37.50 0.1
MNG 2.07 35 P 28 42.20 -0.5
NRZ 2.99 360 P 28 55.30 -0.6
WAHZ 3.20 36 P 28 57.10 -1.8
ODZ 3.62 220 P 29 05.00 0.2
BWZ 3.68 232 P 29 05.70 -0.1
LRCZ 4.31 229 P 29 14.60 -0.2
LSCZ 4.33 228 eP 29 14.60 -0.3
SBCZ 4.34 229 P 29 14.30 -0.9
MMCZ 4.39 231 eP 29 15.50 -0.4
CMCZ 4.40 229 eP 29 15.20 -0.8
TLC 4.54 229 eP 29 17.60 -0.4
WRA 40.09 291 P 35 48.80 4.0X
0.7s 0.50nm 3.3mb X
S.D. = 0.9 on 24 of 25 obs.

% JUN 01, 1994 09h 52m 21.23± 0.85s
44.318 N ± 7.7km 8.258 E ± 6.3km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.2 (GEN).

FIN 0.11 198 P 52 24.33 0.1
S 52 26.39
ROB 0.28 265 P 52 27.03 -0.1
S 52 31.34
PCP 0.30 42 P 52 27.49 -0.1
S 52 32.02
ENR 0.61 262 P 52 33.30 -0.3
S 52 41.44
STV 0.67 264 P 52 34.76 0.1
S 52 43.44
PZZ 0.85 283 P 52 37.70 0.0
S 52 48.60
BHB 0.88 307 P 52 38.48 0.3
S 52 49.87
S.D. = 0.2 on 7 of 7 obs.

JUN 01, 1994 10h 11m 00.34± 0.74s
35.244 N ± 7.0km 4.023 W ± 8.8km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.3 (MDD). MD 3.1 (RBA).

EMEL 0.87 86 eP 11 16.84 -0.3
eS 11 29.50
TAF 1.39 108 iPgd 11 26.50 0.7
iSg 11 46.00
EGUA 1.63 13 eP 11 27.95 -1.2
eS 11 48.00
ERON 1.78 6 eP 11 30.98 -0.5
eS 11 50.40
ELOJ 1.90 357 eP 11 34.43 1.2
eS 11 56.40
IFR 1.95 208 iPn 11 35.20 1.2
iSn 11 57.00
EPRU 1.98 331 eP 11 34.72 0.5
eS 11 57.00
TIO 5.09 213 iPn 12 17.00 -1.6
iSn 13 14.00
S.D. = 1.3 on 8 of 8 obs.

* JUN 01, 1994 10h 15m 48.74± 1.36s
13.789 N ±22.0km 90.913 W ± 9.7km
DEPTH = 90.0km (geophysicist)
3.9mb (1 obs.)
NEAR COAST OF GUATEMALA (71)
MD 4.5 (GCG).

TER 0.56 24 eP 16 02.35 -1.9
BVA 0.91 17 iPd 16 08.55 0.5
YUP 1.15 69 ePc 16 11.06 0.3
TPX 1.71 310 iP 16 14.00 -3.7X
SCX 3.37 331 (P) 17 43.00 62.8X
OXX 6.49 301 (P) 17 23.50 -0.2
IISM 8.07 311 (P) 18 31.00 45.8X
PPM 9.07 306 iP 18 00.50 1.1
III 9.40 300 (P) 18 02.50 -1.1
MEO 22.02 343 iPc 20 39.70 2.7X
YKA 51.48 346 eP 24 47.70 1.0
0.9s 1.20nm 3.9mb
SOB1 54.64 112 (P) 25 11.00 0.1
S.D. = 1.2 on 8 of 12 obs.

JUN 01, 1994 10h 33m 48.51± 0.68s
35.232 N ± 6.6km 4.009 W ± 7.7km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.4 (MDD). MD 3.1 (RBA).

EMEL 0.86 85 iPc 34 05.38 0.3
eS 34 16.70
TAF 1.37 107 iPgd 34 14.50 0.8
iSg 34 31.00
i 34 39.00
EGUA 1.64 13 eP 34 15.55 -1.9
eS 34 36.70
EJIF 1.70 316 eP 34 19.67 1.3
eS 34 41.10
ERON 1.79 5 iPc 34 19.12 -0.7
eS 34 39.90
ELOJ 1.92 357 eP 34 22.62 1.1
eS 34 43.70
IFR 1.95 209 iPn 34 22.00 -0.1
iSn 34 47.50
EPRU 1.99 331 iPd 34 22.68 0.0
eS 34 47.00
TIO 5.09 213 iPn 35 06.00 -0.7
iSn 36 02.00

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

JUN 01, 1994 10h 36m 14.11± 0.73s
43.089 N ± 6.8km 20.888 E ± 6.1km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.4 (TTG).

IVA 0.76 254 iPgd 36 28.29 -0.7
iSg 36 39.64
PVY 0.83 234 iPgd 36 29.40 -0.9
iSg 36 42.16
PLE 1.12 283 iPgc 36 34.84 -0.3
iSg 36 51.69
SKO 1.19 160 ePn 36 36.00 -0.3
TTG 1.37 242 iPgd 36 39.22 0.1
iSg 36 59.78
NKY 1.41 259 iPgc 36 40.05 0.1
iSg 37 01.26
ULC 1.65 228 iPnc 36 44.08 0.8
iSn 37 07.67
BDV 1.72 243 iPnd 36 44.99 0.7
iSn 37 09.07
BRY 1.73 265 iPnc 36 44.70 0.2
iSn 37 09.35
HCY 1.87 251 iPnd 36 46.92 0.5
iSn 37 12.98
GZR 2.67 30 ePd 36 58.00 0.0
S.D. = 0.6 on 11 of 11 obs.

* JUN 01, 1994 10h 43m 09.71± 1.02s
30.619 S ± 9.4km 178.262 W ±16.0km
DEPTH = 33.0km (normal)
5.0mb (7 obs.)
KERMADEC ISLANDS, NEW ZEALAND (178)

PUZ 7.97 200 P 45 09.20 3.0
eS 46 36.50
MOZ 9.72 214 eP 45 39.50 9.2X
MNG 11.20 205 eP 45 50.90 0.4
eS 47 46.90
KIW 11.62 207 eP 45 54.20 -2.1
MRW 12.02 206 eP 46 00.10 -1.5
eS 48 08.70
THZ 13.20 210 eP 46 18.40 1.0
LTZ 14.31 209 eP 46 26.90 -5.0X
MQZ 14.92 206 eP 46 39.80 -0.1
eS 49 12.50
DZM 16.12 298 iPc 46 59.00 3.4X
BWZ 16.74 211 eP 47 02.30 -0.9
ODZ 16.83 208 eP 46 59.70 -4.6X
eS 49 57.20
LRCZ 17.40 211 eP 47 10.20 -1.4
LSCZ 17.43 210 eP 47 10.50 -1.3
SBCZ 17.43 211 P 47 11.90 0.0
MMCZ 17.44 211 eP 47 12.30 0.2
CMCZ 17.49 211 eP 47 13.20 0.5
MSZ 17.75 214 P 47 16.80 1.0
WHZ 18.66 211 P 47 25.90 -1.1
ARMA 25.91 263 iPd 48 43.00 2.4
0.9s 13.00nm 4.5mb
CNB 27.49 252 iPd 48 57.10 2.0
CAN 27.79 252 iPc 48 59.20 1.5
BWA 28.28 253 iPc 49 01.20 -0.9
TOO 30.67 247 iPd 49 24.50 1.0
0.7s 42.00nm 5.3mb
CTA 33.61 280 iPc 49 44.00 -5.3X
1.0s 75.00nm 5.6mb
STKA 34.21 257 iPc 49 54.90 0.5
ADE 36.23 251 eP 50 12.30 0.7
ASPA 42.87 267 iPc 51 05.00 -1.8
0.7s 18.70nm 4.9mb
WB2 43.87 273 iPd 51 13.00 -1.9
0.3s 45.90nm 5.7mb
e 51 48.80
WRA 43.88 273 P 51 13.40 -1.6
0.5s 8.70nm 4.8mb
SPA 59.55 180 iPc 53 13.90 1.7
1.0s 3.50nm 4.4mb
SYO 76.87 193 ePc 54 58.00 -1.7
GSC 87.40 46 eP 55 55.55 0.6
GDH 130.43 23 ePKP 02 36.00 18.5X
e 10 28.00
KAF 144.68 340 ePKP 02 39.00 -4.9X
NUR 146.44 340 ePKP 02 45.20 -1.6
NB2 148.93 351 PKP 02 52.00 1.1
0.7s 1.90nm

01d 11h

GEC2 159.65 337 PKP 02 55.30 -10.5X
1.3s 2.91nm
S.D. = 1.5 on 29 of 37 obs.
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* JUN 01, 1994 10h 57m 02.40± 0.70s
46.066 N ±18.6km 27.709 W ± 7.9km
DEPTH = 10.0km (geophysicist)
4.2mb (19 obs.) 3.8Msz (3 obs.)
NORTHERN MID-ATLANTIC RIDGE (403)

EKA 18.02 50 P 01 19.00 4.7X
1.0s 4.40nm 3.5mb
LSF 20.21 79 eP 01 39.60 -0.4
0.9s 13.60nm 4.3mb
LPO 20.30 83 eP 01 39.60 -1.4
0.8s 7.80nm 4.1mb
RJF 20.39 82 eP 01 40.60 -1.2
1.1s 6.60nm 3.9mb
Z 20s 0.45um 3.8Msz
TCF 20.67 79 eP 01 44.50 -0.3
1.0s 23.80nm 4.5mb
CAF 20.85 82 eP 01 45.90 -0.8
1.1s 5.60nm 3.8mb
MAF 20.92 79 eP 01 47.20 -0.2
0.9s 11.45nm 4.2mb
BGF 21.05 78 eP 01 48.60 -0.1
1.0s 16.80nm 4.4mb
PYM 21.32 80 P 01 51.74 0.3
AGO 21.34 79 P 01 52.02 0.4
AVF 21.36 77 eP 01 51.60 -0.2
1.3s 22.40nm 4.4mb
SSF 21.42 76 eP 01 52.50 0.1
1.4s 32.65nm 4.5mb
LBL 21.59 81 P 01 54.38 0.1
LOR 21.63 75 eP 01 54.60 0.1
1.0s 10.40nm 4.2mb
Z 21s 0.38um 3.8Msz
PLDF 21.69 79 P 01 54.56 -0.7
SMF 21.71 77 eP 01 55.50 0.1
0.9s 5.55nm 4.0mb
LBF 21.75 76 eP 01 55.80 0.0
1.2s 13.40nm 4.2mb
HAU 23.19 73 eP 02 11.20 1.3
1.4s 17.85nm 4.4mb
BSF 23.51 73 eP 02 14.10 0.9
1.3s 17.35nm 4.5mb
CDF 23.75 72 eP 02 16.50 1.1
0.8s 4.05nm 4.0mb
LRG 24.23 84 eP 02 20.50 0.5
1.3s 19.15nm 4.6mb
Z 20s 0.22um 3.6Msz
FRF 24.39 83 eP 02 22.10 0.5
1.1s 8.05nm 4.3mb
YKA 49.21 322 eP 05 51.70 -0.5
0.8s 0.60nm 3.7mb
LPAZ 72.00 221 P 08 29.30 0.3
WRA 150.05 36 PKP 16 54.50 4.9X
1.0s 1.10nm
WB2 150.06 35 ePKP 16 53.70 4.1X
0.6s 2.30nm
i 17 00.80
S.D. = 0.7 on 23 of 26 obs.

? JUN 01, 1994 11h 11m 33.57± 0.94s
39.251 N ± 8.3km 27.725 E ± 9.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

DST 0.78 63 ePg 11 49.00 0.1
eSg 12 00.80
IZM 0.93 203 ePg 11 51.20 -0.1
eSg 12 05.00
EDC 1.10 6 ePn 11 54.00 -0.2
EZN 1.23 298 ePn 11 56.50 0.2
S.D. = 0.3 on 4 of 4 obs.

JUN 01, 1994 11h 33m 08.43± 0.50s
38.307 N ± 4.4km 39.463 E ± 6.1km
DEPTH = 10.0km (geophysicist)
4.3mb (1 obs.)
TURKEY (366)
ML 4.0 (ISK). ML 4.7 (BHL).

GAZ 2.11 238 iPn 33 43.90 -0.4
ERZ 2.14 41 ePn 33 32.00 -12.8X
BNN 2.87 282 iPn 33 55.10 -0.1
KVT 3.82 317 iPn 34 08.00 -0.6
BHL 5.37 216 P 34 27.00 -3.6X
S 36 00.00
TAB 5.41 90 e(P) 34 52.00 20.7X
HRI 5.87 212 P 34 37.80 0.2
KSHT 6.07 210 P 34 40.60 0.1
MMR 6.24 213 P 34 43.50 0.6
ADI 6.25 215 P 34 42.80 -0.2
GLH 6.39 210 P 34 44.60 -0.3
GVMR 6.58 212 P 34 48.30 0.7
MML 6.73 211 P 34 50.00 0.3
HMDT 6.84 209 P 34 51.50 0.3
JVI 7.20 209 P 34 56.50 0.2
KER 7.32 120 eP 34 57.00 -1.1
PRNI 8.76 206 P 35 16.80 -1.2
SAGI 8.99 208 P 35 20.60 -0.7
MAIO 16.07 91 iPd 36 57.60 1.5
OBN 16.91 354 (P) 37 04.50 -2.0
ZST 18.99 309 eP 37 33.00 0.7
KBA 21.03 303 iPc 37 56.00 1.3
0.9s 13.10nm 4.3mb
KAF 25.17 345 eP 38 35.90 0.8
S.D. = 0.9 on 20 of 23 obs.

JUN 01, 1994 11h 57m 26.24± 0.48s
40.088 N ± 5.2km 22.070 E ± 3.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 3.3 (ATH).

KZN 0.32 314 ePg 57 31.80 -1.0
LIT 0.32 88 iPg 57 33.50 0.6
eSg 57 39.38
FNA 0.87 323 ePg 57 41.58 -1.5
eSg 57 54.06
THE 0.87 51 ePg 57 43.66 0.6
iSg 57 55.92
GRG 0.90 16 ePg 57 43.42 -0.1
eSg 57 56.42
AGG 1.08 169 ePg 57 45.74 -0.9
eSg 58 01.26
LSK 1.13 274 ePn 57 46.80 -0.6
SOH 1.22 53 iPb 57 49.30 0.3
eSb 58 06.40
KNT 1.24 30 ePb 57 49.37 0.0
eSb 58 06.78
PAIG 1.25 97 iPb 57 48.86 -0.5
eSb 58 06.62
VAY 1.29 17 iPn 57 50.40 0.3
0.8s 130.00nm
i 57 56.70
i 58 08.70
Lg 58 16.50
IGT 1.45 248 ePb 57 51.94 -0.5
iSb 58 11.50
OUR 1.49 80 ePb 57 52.98 0.0
eSb 58 14.22
SRS 1.55 48 ePb 57 53.66 -0.3
eSb 58 15.70
SRN 1.60 263 ePn 57 56.40 1.8
KEK 1.79 259 ePn 57 57.70 0.4
eSn 58 21.00
SKO 1.94 346 ePn 57 58.60 -1.0
0.8s 170.00nm
i 58 02.20
i 58 22.50
i 58 26.00
i 58 29.00
Lg 58 32.00
TIR 2.10 308 ePn 58 04.50 2.7
VLS 2.23 212 ePn 58 08.00 4.2X
LACI 2.37 312 ePn 58 10.00 4.3X
ALN 3.14 74 ePn 58 16.58 0.0
S.D. = 1.0 on 19 of 21 obs.

JUN 01, 1994 12h 00m 39.34± 0.70s
40.100 N ± 6.7km 22.076 E ± 5.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 3.2 (ATH).

KZN 0.31 312 iPgc 00 44.50 -1.4
LIT 0.32 90 iPg 00 46.14 0.2
eSg 00 52.68
THE 0.86 52 ePg 00 56.06 0.1
eSg 01 09.34
FNA 0.87 322 ePg 00 53.68 -2.4
eSg 01 07.60
GRG 0.89 16 ePg 00 56.08 -0.4
eSg 01 09.54
AGG 1.09 170 ePg 00 59.04 -0.9
eSg 01 13.50
SOH 1.21 53 ePb 01 02.04 0.1
eSb 01 19.86
KNT 1.23 30 ePb 01 02.34 0.1
eSb 01 20.92
PAIG 1.24 97 ePb 01 01.60 -0.8
iSb 01 21.04
VAY 1.28 17 iPn 01 02.60 -0.4
IGT 1.46 248 iPb 01 05.28 -0.4
iSb 01 24.02
OUR 1.48 80 ePb 01 05.56 -0.4
eSb 01 27.26
SRS 1.54 48 ePb 01 08.20 1.4
eSb 01 29.20
KEK 1.79 258 ePn 01 13.20 2.7
eSn 01 34.60
SKO 1.93 346 iPn 01 15.00 2.5
0.8s 80.00nm
i 01 41.20
Lg 01 44.00
S.D. = 1.4 on 15 of 15 obs.

% JUN 01, 1994 12h 23m 15.73± 1.20s
40.059 N ± 8.0km 21.888 E ±10.0km
DEPTH = 5.0km (geophysicist)
GREECE (364)

LIT 0.46 85 iPg 23 23.89 -1.1
eSg 23 31.10
FNA 0.82 332 iPg 23 31.73 -0.5
eSg 23 46.00
GRG 0.98 23 ePg 23 34.48 -0.3
eSg 23 49.60
THE 1.00 55 ePg 23 35.20 0.0
AGG 1.09 162 ePg 23 37.12 0.4
eSg 23 51.44
SOH 1.35 55 ePb 23 43.16 1.9
eSb 23 57.48
PAIG 1.38 95 ePb 23 41.12 -0.5
S.D. = 1.2 on 7 of 7 obs.

JUN 01, 1994 13h 24m 46.79± 0.57s
41.192 N ± 5.6km 21.979 E ± 3.9km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.9 (SKO).

GRG 0.40 126 ePg 24 54.78 0.0
eSg 25 01.56
VAY 0.46 74 iPg 24 56.50 0.4
0.2s 50.00nm
iSg 25 03.70
FNA 0.61 228 ePg 24 58.92 -0.1
eSg 25 07.60
KNT 0.69 92 ePg 25 00.36 -0.3
eSg 25 11.32
SKO 0.88 333 ePg 25 04.00 -0.1
0.6s 70.00nm
iSg 25 16.00
THE 0.93 127 ePg 25 05.08 0.0
SOH 1.10 109 ePg 25 07.20 -0.8
SRS 1.22 93 ePb 25 10.28 0.3
eSb 25 27.32
PAIG 1.81 134 ePb 25 19.28 0.4
IGT 2.08 218 ePn 25 22.96 0.2
S.D. = 0.4 on 10 of 10 obs.

? JUN 01, 1994 13h 57m 52.07± 1.25s
55.819 N ±18.5km 159.693 W ±36.0km
DEPTH = 84.1 ± 26.8 km
3.3mb (1 obs.)
ALASKA PENINSULA (12)

SDN 0.66 224 iPd 58 07.85 0.0
eS 58 19.50
KDC 4.41 61 eP 58 54.23 -3.6X
SVW 5.72 20 eP 59 16.02 -0.2
CP2 6.71 32 eP 59 31.23 1.2
SLKM 6.87 43 eP 59 31.22 -0.8
TTA 7.38 13 eP 59 38.74 -0.3
KLU 9.15 46 eP 00 00.46 -2.8X
BALM 10.48 53 eP 00 18.42 -2.9X
YKA 23.63 55 eP 02 55.90 0.0

0.4s 0.50nm 3.3mb
S.D. = 1.1 on 6 of 9 obs.

% JUN 01, 1994 14h 05m 36.10± 0.66s
26.871 S ± 6.2km 26.793 E ± 6.6km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.7 (PRE).

BFS 0.03 195 iPc 05 37.80 0.4
S 05 38.20
PRY 0.61 96 eP 05 47.70 -0.6
S 05 54.50
KSR 1.01 5 eP 05 55.50 -0.2
S 06 08.20
SWZ 1.35 256 iPd 06 01.20 -0.3
S 06 16.90
SEK 1.62 153 eP 06 06.10 0.5
S 06 24.40
SLR 1.75 50 iPd 06 08.20 0.8
S 06 30.00
BOSA 2.12 215 eP 06 13.50 0.8
S 06 39.10
BLF 2.29 193 eP 06 14.00 -1.3
S 06 43.50
NWL 2.94 107 eP 06 30.80 6.4X
S 07 01.90
S.D. = 0.9 on 8 of 9 obs.

% JUN 01, 1994 14h 53m 32.70± 0.76s
40.425 N ± 7.5km 21.890 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)

FNA 0.53 313 iPg 53 43.78 0.3
eSg 53 51.86
LIT 0.56 125 ePg 53 44.42 0.3
eSg 53 53.60
GRG 0.66 36 ePg 53 46.14 0.3
KNT 1.06 46 ePg 53 51.90 -0.8
SOH 1.18 70 ePb 53 55.00 0.2
IGT 1.49 234 iPb 53 59.22 -0.3
S.D. = 0.6 on 6 of 6 obs.

JUN 01, 1994 16h 06m 45.35± 0.69s
11.229 N ± 8.2km 61.366 W ± 8.4km
DEPTH = 39.7 ± 15.3 km
3.6mb (1 obs.)
WINDWARD ISLANDS (95)
MD 3.6 (TRN).

TRN 0.58 184 eP 06 57.80 0.7
BOT 0.64 95 iP 06 57.94 0.0
TCE 0.65 216 iP 07 01.28 3.1X
TBH 0.80 158 iP 06 52.75 -7.4X
eS 06 57.85
TPP 0.91 185 eP 07 01.08 -0.7
GRW 0.97 343 iP 07 02.65 -0.1
SVB 2.03 3 eP 07 27.98 10.1X
SVV 2.08 4 eP 07 28.50 9.9X
SLB 2.60 7 eP 07 35.53 9.5X
GUAN 4.39 254 eP 07 51.67 0.1
eS 08 41.20
OLLA 5.48 258 eP 08 06.65 -0.2
YKA 63.64 335 eP 17 14.60 0.1
0.4s 0.20nm 3.6mb
S.D. = 0.6 on 7 of 12 obs.

JUN 01, 1994 16h 20m 00.64± 0.80s
39.382 N ± 4.8km 26.266 E ± 8.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.2 (ISK). MD 3.0 (ATH).

PRK 0.14 178 ePg 20 03.80 0.0
eSg 20 05.50
EZN 0.45 6 iPg 20 09.10 -0.6
iSg 20 15.10
IZM 1.25 141 iPn 20 23.80 -0.2
EDC 1.56 51 ePn 20 28.00 -0.5
BNT 1.60 52 iPn 20 29.90 0.8
MFT 1.61 29 iPn 20 29.30 0.1
KCT 1.83 61 ePn 20 32.90 0.5
DST 1.84 82 ePn 20 32.30 -0.3
RDO 1.85 343 ePn 20 33.00 0.4
CTT 2.42 42 ePn 20 40.50 -0.4
S.D. = 0.5 on 10 of 10 obs.

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* JUN 01, 1994 16h 47m 59.35± 1.82s
6.558 S ±10.3km 154.964 E ±12.7km
DEPTH = 67.3 ± 15.3 km
4.5mb (3 obs.)
SOLOMON ISLANDS (193)

RAB 3.65 310 eP 48 55.50 0.9
LAT 7.91 269 eP 49 52.40 -1.7
PMG 8.23 249 eP 49 59.00 0.5
DZM 18.99 145 iPc 52 18.10 -0.5
WB2 24.03 234 eP 53 10.00 0.7
0.4s 7.30nm 4.5mb
iPcP 56 50.70
ASPA 26.44 228 iPd 53 31.10 -0.8
0.4s 5.70nm 4.5mb
i 53 42.80
e 54 03.40
STKA 28.12 205 eP 53 48.30 1.3
PPR 39.58 294 ePd 55 26.00 0.0
CHTO 60.68 296 eP 58 06.10 -0.2
GBA 79.51 285 P 00 01.00 0.2
YKA 95.97 28 eP 01 19.80 -0.1
0.6s 1.10nm 4.6mb
GEC2 126.67 329 PKP 06 56.70 -0.2
0.6s 0.70nm
S.D. = 0.9 on 12 of 12 obs.

? JUN 01, 1994 17h 11m 28.99± 2.37s
44.663 N ±15.0km 141.012 E ±45.2km
DEPTH = 245.1 ± 23.7 km
3.9mb (6 obs.)
HOKKAIDO, JAPAN REGION (224)

MAT 8.39 196 eP 13 28.00 0.1
0.7s 10.27nm 4.0mb
eS 15 02.00
RES 55.32 16 eP 20 37.50 -1.4
YKA 57.44 32 eP 20 55.10 1.1
0.5s 1.10nm 3.8mb
WB2 64.58 187 eP 21 41.20 -0.8
0.8s 3.00nm 4.1mb
WRA 64.58 187 P 21 41.20 -0.8
1.2s 1.30nm 3.5mb
HFS 67.05 334 eP 21 57.60 0.3
0.4s 1.10nm 3.9mb
ASPA 68.31 187 iPc 22 05.70 0.3
0.7s 11.40nm 4.7mb
WARB 71.72 194 eP 22 27.00 1.1
S.D. = 1.2 on 8 of 8 obs.

JUN 01, 1994 17h 20m 49.68± 0.57s
35.155 N ± 5.4km 4.068 W ± 6.4km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.4 (MDD). MD 3.3 (RBA).

EMEL 0.92 81 eP 21 07.11 -0.2
eS 21 19.30
TAF 1.40 104 iPg 21 15.50 0.2
iSg 21 35.00
PLAT 1.68 305 iP 21 21.00 1.7
EGUA 1.72 14 eP 21 18.18 -1.7
eS 21 42.50
IFR 1.85 208 iPn 21 23.00 1.1
i 21 27.00
iSn 21 46.00
ERON 1.87 6 eP 21 21.45 -0.7
eS 21 44.60
ALJ 1.96 321 iP 21 27.00 3.6X
ELOJ 1.99 358 eP 21 23.43 -0.4
eS 21 48.40
CNIL 2.02 307 eP 21 29.00 4.9X
EPRU 2.04 333 eP 21 25.50 1.0
LIJA 2.05 328 eP 21 29.00 4.3X
ECOG 2.16 11 eP 21 26.70 0.4
eS 21 51.50
ENIJ 2.36 39 eP 21 30.11 1.0
ELUQ 2.41 356 eP 21 30.53 0.8
eS 21 58.20
EHOR 2.83 341 eP 21 34.81 -0.9
eS 22 09.60
EHUE 2.91 24 eP 21 37.36 0.4
eS 22 10.80
AVE 3.33 237 ePn 21 41.00 -1.9
i 21 52.00
eSn 22 19.00
i 22 22.00
PAB 4.39 357 ePn 21 57.00 -0.9
eSg 22 49.00
TIO 5.00 213 iPn 22 06.50 -0.1
iSn 23 01.00
S.D. = 1.1 on 16 of 19 obs.

JUN 01, 1994 17h 26m 25.42± 0.71s
41.410 N ± 6.0km 20.205 E ± 7.9km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 3.1 (TTG), 3.0 (TIR).

TIR 0.26 256 iPgd 26 34.50 3.5X
iSg 26 40.10
LACI 0.44 301 iPgc 26 34.00 -0.3
iSg 26 41.40
SDA 0.83 321 ePg 26 39.40 -2.1
iSg 26 51.50
KBN 0.90 151 ePg 26 48.00 5.3X
iSg 27 03.50
ULC 0.90 308 iPgd 26 42.63 -0.1
SKO 1.08 58 iPg 26 46.20 0.4
0.4s 400.00nm
TPE 1.12 188 ePg 26 48.00 1.5
PVY 1.20 352 iPgd 26 46.97 -0.8
iSg 27 02.77
TTG 1.24 326 iPgc 26 47.67 -0.7
iSg 27 04.95
LSK 1.29 166 ePg 26 47.50 -2.0
BDV 1.35 311 iPgc 26 50.17 -0.1
iSg 27 09.62
IVA 1.48 351 iPgd 26 52.20 0.1
iSg 27 12.67
HCY 1.64 310 iPgd 26 55.23 0.8
iSg 27 19.24
NKY 1.66 328 iPgd 26 55.97 1.1
iSg 27 19.32
BRY 1.93 321 iPnc 27 00.00 1.2
iSn 27 25.35
PLE 2.01 343 iPnc 27 00.65 0.8
iSn 27 27.35
HVAR 3.30 304 i(Pn) 27 25.50 7.3X
S.D. = 1.2 on 14 of 17 obs.

? JUN 01, 1994 17h 41m 02.11± 3.47s
38.810 S ±10.1km 179.691 W ±31.6km
DEPTH = 10.0km (geophysicist)
4.1mb (3 obs.)
EAST OF NORTH ISLAND, N.Z. (688)
ML 4.3 (WEL).

PUZ 1.77 294 P 41 32.60 -0.4
eS 41 50.50
HBZ 1.99 307 P 41 35.00 -1.1
TTH 2.80 254 P 41 49.80 2.0
TAZ 3.04 280 P 41 51.40 0.2
WAHZ 3.19 253 P 41 54.90 1.5
NGZ 3.69 263 P 42 02.20 1.7
MNG 4.14 243 P 42 07.40 0.7
S 42 53.60
KUZ 4.18 298 P 42 04.90 -2.4
eS 42 47.00
MOZ 4.32 272 P 42 09.40 0.1
MTW 4.37 236 P 42 09.00 -1.1
BLW 4.50 234 P 42 11.50 -0.4
KIW 4.63 242 P 42 14.10 0.3
CAW 4.64 239 P 42 13.40 -0.4
MRW 4.94 239 P 42 17.50 -0.5
TCW 5.22 241 P 42 20.90 -1.1
MQZ 7.56 227 P 42 53.00 -2.0
eS 44 13.40
ASPA 42.01 277 iPc 48 59.50 4.3X
1.1s 6.10nm 4.2mb
WB2 43.73 282 eP 49 10.60 1.3
0.4s 2.00nm 4.3mb
WRA 43.74 282 P 49 11.10 1.7
0.7s 0.80nm 3.6mb
S.D. = 1.4 on 18 of 19 obs.

& JUN 01, 1994 18h 00m 39.65s
60.236 N 152.137 W
DEPTH = 89.4km
SOUTHERN ALASKA (2)
<AEIC>.

RDT 0.36 339 iP 00 52.97 -0.7

01d 18h

eS 01 03.88
RED 0.37 300 iP 00 53.06 -0.6
eS 01 03.83
REF 0.38 312 P 00 54.90 1.0
RSO 0.38 307 eP 00 53.40 -0.6
eS 01 04.26
RS2 0.38 307 eP 00 52.87 -1.1
eS 01 03.90
DFR 0.45 323 eP 00 53.54 -0.7
eS 01 04.73
NNL 0.46 114 eP 00 54.84 0.6
INE 0.50 250 eP 00 54.00 -0.7
eS 01 05.61
HOM 0.63 157 eP 00 54.38 -1.3
NKA 0.68 41 eP 00 57.52 1.4
BRLK 0.79 126 eP 00 56.71 -0.6
eS 01 10.53
BKG 0.84 356 eP 00 57.14 -0.7
eS 01 10.80
CNPM 0.85 147 eP 00 57.56 -0.3
SPU 0.95 2 eP 00 58.27 -0.8
CKT 0.97 358 eP 00 58.16 -1.2
SLKM 0.99 73 eP 00 58.78 -0.7
BGL 1.04 353 eP 00 59.32 -0.8
CGLM 1.08 3 eP 00 59.89 -0.7
AUE 1.08 216 eP 00 59.57 -0.9
AUL 1.08 218 eP 00 59.85 -0.7
AUH 1.10 218 eP 00 59.84 -1.0
AUI 1.11 216 eP 00 59.88 -1.1
eS 01 15.66
PDB 1.13 247 eP 01 00.01 -1.1
NCG 1.17 360 eP 01 00.79 -1.0
SEW 1.35 94 eP 01 02.76 -1.1
CDD 1.52 211 eP 01 04.61 -1.4
PMS 1.62 50 P 01 06.50 -0.9
SYI 1.64 185 eP 01 06.65 -0.9
PWA 1.80 37 P 01 09.60 0.0
SVW 1.93 299 P 01 09.10 -2.3
PLRM 2.00 46 eP 01 11.57 -0.8
LTI 2.15 93 eP 01 12.51 -1.9
KNK 2.16 55 eP 01 12.77 -1.7
GHO 2.20 44 eP 01 13.49 -1.6
MTU 2.26 94 eP 01 14.27 -1.6
CUT 2.36 22 eP 01 15.78 -1.4
SML 2.43 48 eP 01 16.31 -2.0
HIN 2.81 84 eP 01 21.99 -1.4
SCM 2.84 54 eP 01 21.92 -1.9
FID 2.85 77 eP 01 21.88 -2.0
VZW 2.87 71 eP 01 22.83 -1.4
VLZ 2.99 70 eP 01 23.66 -2.2
KLU 3.29 65 eP 01 27.64 -2.5
TRF 3.34 14 eP 01 29.89 -1.0
KTH 3.38 9 eP 01 30.51 -0.8
IL1 5.16 26 eP 01 53.14 -2.8
ILB 5.16 26 eP 01 52.04 -3.9
IM3 5.82 353 eP 02 02.47 -2.5
48 obs. associated

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* JUN 01, 1994 18h 31m 43.48± 3.21s
31.745 S ±22.7km 70.241 W ±18.0km
DEPTH = 127.6 ± 31.5 km
CHILE-ARGENTINA BORDER REGION (127)
MD 4.4 (SAN).

JACH 0.98 198 iPd 32 06.37 0.0
iS 32 21.46
ZON 1.35 82 iPc 32 10.10 0.0
eS 32 28.10
ROCH 1.39 208 iP+ 32 10.71 0.0
iS 32 28.78
PEL 1.44 195 iPd 32 10.86 -0.3
iS 32 30.15
FCH 1.58 182 iPd 32 13.09 0.1
iS 32 33.69
SAN 1.74 192 (P) 32 15.00 0.4
iS 32 36.18
PCH 1.88 187 iP+ 32 16.53 0.1
(S) 32 41.18
TACH 1.99 197 iP+ 32 17.53 -0.2
iS 32 42.21
LCCH 2.06 213 iP 32 19.02 0.5
CHCH 2.21 189 iPd 32 20.14 -0.3
iS 32 46.82
CACH 2.38 187 iP 32 23.15 0.4
(S) 32 53.66
LNV 2.41 204 iP 32 22.33 -0.6
iS 32 51.99

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

JUN 01, 1994 18h 39m 19.69± 0.19s
51.778 N ± 4.5km 176.365 E ± 2.4km
DEPTH = 33.0km (normal)
4.9mb (83 obs.) 4.1Msz (5 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS (6)
ML 5.1 (PMR).

SMY 1.69 305 iPd 39 48.47 1.2
eS 40 11.02
ADK 4.31 86 iPc 40 26.23 1.6
PET 10.90 283 eP 42 00.00 3.7X
Z 16s 0.40um
SKR 12.75 273 eP 42 18.00 -3.2X
0.4s 60.00nm 6.0mb X
Z 16s 1.10um 3.8Msz
N 14s 1.10um
E 16s 1.10um
SDN 14.19 66 eP 42 42.40 2.4
0.5s 27.30nm 5.2mb
ANM 15.94 30 eP 43 08.50 5.7X
ILT 16.35 7 iPc 43 09.50 1.5
1.2s 35.00nm 4.4mb
Z 16s 0.30um
N 16s 0.30um
E 16s 0.40um
SVW 17.95 48 eP 43 29.65 1.6
0.8s 75.73nm 4.9mb
TTA 18.45 42 eP 43 35.05 0.9
1.3s 42.62nm 4.5mb
AUP 18.56 54 eP 43 35.79 0.2
KDC 18.82 59 eP 43 37.24 -1.4
0.6s 25.50nm 4.6mb
CP2 19.56 49 eP 43 49.04 1.5
SLKM 20.36 52 eP 43 54.27 -1.4
PWA 20.75 48 eP 44 00.40 0.7
IMA 20.77 35 iPc 44 00.19 0.2
1.0s 24.60nm 4.5mb
PMS 20.82 50 eP 44 00.70 0.3
PMR 21.09 49 (P) 44 03.38 0.3
0.4s 8.32nm 4.5mb
YSS 22.28 271 eP 44 16.00 0.8
0.9s 50.00nm 5.0mb
Z 18s 0.20um 3.6Msz
e 48 12.00
FBA 22.55 41 eP 44 18.22 0.5
0.9s 5.39nm 4.0mb
TOA 22.56 48 ePc 44 19.40 1.4
0.9s 148.40nm 5.5mb
KLU 22.59 50 eP 44 18.16 0.0
KUSJ 22.95 260 P 44 20.80 -1.0
ASAJ 23.68 265 P 44 30.70 1.8
HOOJ 24.22 260 P 44 34.70 0.6
BALM 24.26 51 eP 44 34.86 0.4
MRRJ 25.56 263 eP 44 46.10 -0.8
YAK 26.86 311 iPc 44 56.90 -1.8
1.0s 156.00nm 5.6mb
N 18s 0.50um
E 17s 0.40um
eS 49 30.00
INK 28.89 36 eP 45 17.00 0.0
0.9s 4.00nm 4.1mb
NIIJ 29.97 256 P 45 27.10 0.1
CHJJ 30.77 254 P 45 34.10 0.0
MAT 30.91 256 eP 45 35.00 -0.3
0.8s 12.69nm 4.8mb
IIDJ 31.80 254 P 45 43.70 0.5
WKYJ 34.05 255 P 46 03.40 0.6
MBC 34.38 22 eP 46 05.00 0.0
0.6s 5.00nm 4.6mb
YONJ 34.69 258 P 46 08.50 0.4
TKSJ 35.15 256 P 46 12.90 0.8
BOD 35.20 305 iPc 46 12.00 -0.2
0.7s 61.00nm 5.6mb
SHNJ 36.83 259 P 46 27.50 1.2
YKA 37.13 46 eP 46 28.80 0.3
0.4s 5.10nm 4.7mb
CIT 37.66 296 eP 46 32.60 -0.5
KUMJ 38.09 258 P 46 37.70 0.8
RES 40.62 24 eP 46 57.50 0.1
0.5s 2.00nm 4.1mb
NEW 41.55 68 eP 47 04.42 -1.0
0.8s 5.93nm 4.4mb
BJI 42.33 278 eP 47 11.50 -0.3
1.0s 10.00nm 4.5mb
Z 20s 0.30um 4.2Msz
LBFM 42.51 79 eP 47 14.31 0.7
ZAK 44.13 298 iPc 47 26.20 -0.1
1.5s 50.00nm 5.1mb
e 49 11.00
SSE 45.01 265 Pc 47 34.20 0.6
1.0s 14.00nm 4.8mb
COE 45.14 83 eP 47 33.96 -0.7
ARN 45.17 83 eP 47 35.73 0.8
CMB 45.45 82 eP 47 37.53 0.4
1.0s 7.91nm 4.6mb
MTUM 46.99 81 eP 47 50.22 0.7
TNP 47.36 79 eP 47 53.22 0.8
HVU 47.74 73 eP 47 54.86 -0.5
TPNV 48.67 80 eP 48 02.22 -0.4
DUG 48.70 74 (P) 48 02.06 -0.6
0.9s 10.33nm 4.9mb
BW06 49.03 70 eP 48 03.77 -1.6
0.8s 5.25nm 4.6mb
GSC 49.40 82 eP 48 07.99 -0.1
DAU 49.49 73 (P) 48 10.04 1.0
CSP 49.73 83 eP 48 11.14 0.5
MSU 50.14 76 eP 48 13.31 -0.6
PLM 50.66 84 eP 48 17.80 -0.1
SRU 50.75 74 eP 48 18.37 -0.1
DAG 51.36 4 iPd 48 21.40 -1.0
0.4s 9.32nm 5.1mb
ULM 51.95 55 eP 48 32.50 5.3X
PV09 51.97 74 (P) 48 28.14 0.2
PV10 52.11 74 eP 48 29.76 0.9
GLA 52.12 83 eP 48 28.65 -0.1
LZH 52.36 283 iPc 48 30.70 0.0
1.2s 42.00nm 5.3mb
Z 20s 0.25um 4.3Msz
pP 48 45.00 53kmX
GDH 53.88 20 iPd 48 40.50 -0.7
0.9s 50.42nm 5.5mb
FRB 54.22 30 eP 48 42.50 -1.3
0.5s 14.00nm 5.2mb
TUC 55.12 81 (P) 48 51.18 0.3
0.5s 2.02nm 4.4mb
ALQ 55.94 75 (P) 48 57.98 1.0
LVZ 57.26 344 eP 49 04.20 -1.6
JAQ 58.84 41 ePc 49 14.70 -2.2
SDF 59.00 347 iP 49 14.80 -3.1X
SVE 59.60 325 iPc 49 22.20 0.1
1.2s 60.00nm 5.6mb
Z 16s 0.30um 4.5MszX
N 16s 0.15um
E 16s 0.30um
e 49 31.00
ARU 60.63 326 iPc 49 29.10 -0.1
1.0s 50.00nm 5.6mb
e 49 38.00
e 50 11.00
WMOK 60.64 70 eP 49 28.04 -1.5
0.4s 2.30nm 4.7mb
KMI 60.68 274 eP 49 29.40 -0.8
0.7s 10.00nm 5.1mb
pP 49 35.00 18kmX
LTX 61.55 78 eP 49 34.70 -1.2
KAF 64.00 345 iP 49 50.20 -1.3
0.5s 14.00nm 5.3mb
GAC 64.96 47 eP 49 56.00 -2.0
NUR 65.78 345 iP 50 01.60 -1.4
0.4s 8.80nm 5.2mb
YSNY 65.95 51 eP 50 03.53 -0.9
0.9s 33.59nm 5.4mb
NB2 66.91 352 P 50 09.30 -1.0
0.7s 11.90nm 5.1mb
CBM 67.22 42 eP 50 10.65 -1.7
0.4s 13.31nm 5.4mb
epP 50 25.78 54kmX
UPP 67.40 349 iP 50 12.10 -1.2
HFS 67.57 351 eP 50 12.10 -2.3
0.5s 22.40nm 5.5mb
Z 18s 0.08um 4.0Msz
LR 15 25.00
TAPN 68.22 287 Pc 50 19.02 -0.3
0.7s 74.00nm 5.9mb
OBN 68.37 336 iPd 50 19.00 -0.4
1.0s 41.00nm 5.5mb
Z 20s 0.50um 4.7Msz
N 20s 0.30um
ODAN 68.77 287 Pc 50 22.16 -0.5
GUN 68.89 288 Pc 50 23.40 -0.1
0.7s 247.00nm 6.4mb X
JIRN 68.89 288 Pc 50 23.54 0.0

0.7s 244.00nm 6.4mb X
RAMN 69.18 287 Pc 50 24.88 -0.3
0.6s 184.00nm 6.3mb X
KKN 69.33 289 Pc 50 25.96 -0.1
0.6s 126.00nm 6.2mb X
CVL 69.41 55 eP 50 25.31 -0.8
PKI 69.42 289 Pc 50 26.40 -0.3
0.5s 108.00nm 6.1mb X
LMN 69.45 41 eP 50 25.00 -1.3
0.7s 6.00nm 4.8mb
GKN 69.55 289 Pc 50 26.96 -0.4
0.7s 126.00nm 6.1mb X
DMN 69.57 289 Pc 50 27.48 -0.1
0.5s 86.00nm 6.1mb X
DANN 69.80 290 Pc 50 28.86 -0.2
0.7s 136.00nm 6.1mb X
KOLN 70.33 290 Pc 50 31.78 -0.4
0.7s 75.00nm 5.8mb
PYUN 70.44 291 Pc 50 32.50 -0.3
0.9s 132.00nm 6.0mb X
CEH 70.69 56 eP 50 32.64 -1.3
0.3s 15.92nm 5.6mb
EKA 73.26 360 Pc 50 48.05 -0.8
0.7s 6.80nm 4.8mb
DCN 75.21 2 eP 51 00.30 0.2
DLF 75.27 2 eP 51 00.30 -0.2
CLL 76.33 349 eP 51 06.00 -0.6
PYA 76.39 327 iPc 51 08.00 1.0
1.0s 150.00nm 6.0mb
i 51 22.00
MAIO 76.41 312 iPc 51 08.00 0.6
eS 01 56.00
KIV 76.58 328 ePc 51 08.70 0.5
BRG 76.64 349 iP 51 07.80 -0.5
OKC 77.08 346 P 51 11.30 0.5
MOX 77.14 350 eP 51 11.30 0.2
SPC 77.37 344 iP 51 13.00 0.4
PRU 77.44 348 P 51 12.70 -0.1
1.0s 8.20nm 4.7mb
UZH 77.54 343 eP 51 08.50 -4.8X
0.8s 15.00nm 5.1mb
e 51 16.70
TNS 77.86 352 iPc 51 15.10 0.0
ic 51 39.40
GRF 78.12 350 eP 51 16.90 0.4
0.8s 10.90nm 4.9mb
DOU 78.26 355 P 51 17.80 0.5
KHC 78.40 349 eP 51 18.00 -0.1
1.0s 10.40nm 4.8mb
e 51 31.00
e 52 14.50
e 52 55.50
GEC2 78.67 348 P 51 19.40 -0.3
0.8s 3.07nm 4.4mb
e 51 35.00
ZST 78.84 346 iP 51 21.90 1.4
SRO 79.02 345 iP 51 19.80 -1.7
CDF 79.75 353 iPc 51 25.50 0.0
0.7s 6.70nm 4.7mb
FLN 79.80 358 iPc 51 25.40 -0.2
0.8s 8.20nm 4.8mb
MLR 79.81 339 eP 51 34.00 8.0X
LDF 79.96 358 iPc 51 26.20 -0.3
0.7s 9.70nm 4.9mb
GRR 80.19 358 iPc 51 27.50 -0.2
0.5s 6.90nm 4.9mb
HAU 80.23 353 iPc 51 28.00 0.0
1.0s 12.80nm 4.9mb
SLE 80.29 352 ePc 51 28.20 -0.2
WB2 80.29 220 iPd 51 27.50 -1.1
0.9s 6.40nm 4.6mb
WRA 80.30 220 P 51 29.10 0.5
0.7s 3.90nm 4.5mb
BSF 80.37 353 iPc 51 28.70 -0.2
0.8s 6.70nm 4.7mb
WATA 80.41 350 iPc 51 29.60 0.5
KBA 80.45 348 iPc 51 30.40 1.0
0.9s 67.50nm 5.6mb
MOTA 80.45 350 iPc 51 29.60 0.2
WTTA 80.47 350 iPc 51 30.10 0.6
0.5s 11.30nm 5.1mb
LPF 80.55 358 iPc 51 29.80 0.2
0.6s 3.70nm 4.6mb
SQTA 80.56 350 iPc 51 30.40 0.5
0.7s 12.00nm 5.0mb
GZR 80.56 341 ePd 51 30.50 0.6
LOR 81.12 355 iPc 51 32.70 0.0

0.9s 7.70nm 4.7mb
OSS 81.20 350 ePc 51 34.00 0.6
HYB 81.23 287 eP 51 34.00 0.3
SSF 81.35 355 iPc 51 34.10 0.2
0.5s 4.65nm 4.7mb
LBF 81.40 355 iPc 51 34.10 -0.1
0.4s 1.30nm 4.3mb
AVF 81.63 355 iPc 51 35.50 0.2
0.9s 9.15nm 4.8mb
SMF 81.75 355 iPc 51 36.10 0.1
0.9s 13.60nm 5.0mb
BGF 81.89 355 iPc 51 36.80 0.1
TMA 81.90 351 ePc 51 37.40 0.4
MFF 81.95 358 iPc 51 37.20 0.2
MMK 82.04 352 ePc 51 38.90 1.1
DIX 82.06 352 ePc 51 39.00 1.1
TCF 82.19 356 iPc 51 38.50 0.2
0.4s 1.10nm 4.3mb
MAF 82.24 356 iPc 51 39.00 0.5
0.9s 7.20nm 4.7mb
LSF 82.25 356 iPc 51 38.70 0.1
0.8s 5.50nm 4.7mb
LPL 82.67 353 eP 51 42.30 1.2
0.7s 6.70nm 4.8mb
LPG 82.69 353 iPc 51 42.60 1.3
0.9s 11.80nm 5.0mb
LSD 82.70 352 P 51 42.10 0.8
RSP 82.99 352 P 51 43.19 0.6
POO 83.12 291 eP 51 46.00 2.5
RRL 83.26 353 P 51 45.62 1.5
BHB 83.30 352 P 51 43.65 -0.4
PCP 83.48 351 P 51 44.98 -0.1
CAF 83.55 356 iPc 51 46.10 0.7
1.2s 8.05nm 4.7mb
LFF 83.59 357 iPc 51 45.90 0.4
0.8s 11.15nm 5.1mb
PZZ 83.65 352 P 51 45.62 -0.4
ROB 83.79 352 P 51 46.17 -0.5
LPO 83.83 357 iPc 51 47.20 0.5
0.9s 10.15nm 5.0mb
ASPA 83.83 219 iPc 51 46.70 -0.2
0.5s 7.90nm 5.1mb
HVAR 83.83 345 iP 51 46.00 -0.8
FIN 83.85 351 P 51 46.12 -0.8
STV 83.89 352 P 51 46.08 -1.1
ENR 83.90 352 P 51 45.85 -1.4
SKO 84.12 341 iPc 51 48.80 0.5
0.8s 40.00nm 5.6mb
SBF 84.26 352 iPc 51 49.50 0.5
0.8s 12.65nm 5.1mb
FRF 84.62 353 iPc 51 51.20 0.5
0.8s 9.80nm 5.0mb
LRG 84.75 353 iPc 51 52.30 0.9
0.8s 6.45nm 4.9mb
LMR 84.86 353 iPc 51 52.60 0.7
1.2s 18.15nm 5.1mb
GBA 84.87 285 Pc 51 52.00 -0.3
PGF 85.42 351 iPc 51 55.50 0.6
0.8s 37.35nm 5.7mb
TIC 121.80 2 PKP 58 10.83 -1.1
0.8s 7.50nm
LIC 122.21 2 PKP 58 11.93 -0.7
0.7s 8.00nm
SLR 144.49 305 iPKPd 58 52.50 -1.7
0.9s 41.00nm
MAW 144.95 218 iPKPc 58 52.50 -0.9
0.8s 43.50nm
LBTB 145.23 309 iPKPc 58 55.03 -0.4
KSR 145.30 306 iPKPc 58 54.50 -1.1
0.8s 66.00nm
WIN 146.73 323 ePKP 59 00.50 2.5
0.9s 48.00nm
BOSA 148.30 306 (PKP) 59 00.82 0.7
iPKPbc59 04.05
BOSA 148.30 306 ePKP 59 04.00 3.9X
BLF 148.31 304 iPKPd 59 04.00 3.6X
0.5s 33.00nm
GRM 151.39 298 iPKPd 59 10.00 5.2X
0.5s 61.00nm
POF 151.57 313 iPKPc 59 12.00 6.9X
0.4s 5.00nm
S.D. = 0.9 on 182 of 193 obs.

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* JUN 01, 1994 19h 23m 36.18± 1.27s
7.262 N ±13.0km 123.715 E ±12.7km
DEPTH = 56.4 ± 18.9 km
4.1mb (2 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

CTB 0.49 97 iPc 23 47.00 -0.8
iS 23 57.50
CGP 1.53 39 iPc 24 02.00 0.4
iS 24 21.00
BIP 2.69 69 iPc 24 19.80 1.9
iS 25 06.80
MAP 3.05 5 ePd 24 21.50 -1.6
iS 24 59.00
PLP 4.07 18 ePd 24 37.00 -0.5
PPR 5.53 297 iPc 24 59.00 1.1
iS 25 50.00
WB2 28.99 159 iPc 29 31.30 -1.5
0.6s 2.80nm 4.1mb
ASPA 32.31 162 iPd 30 02.90 0.8
1.9s 8.00nm 4.2mb
STKA 42.50 157 iPd 31 27.80 0.1
S.D. = 1.5 on 9 of 9 obs.

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* JUN 01, 1994 21h 43m 09.53± 1.24s
5.284 N ±10.7km 126.354 E ±16.7km
DEPTH = 88.1 ± 12.2 km
4.8mb (6 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

CTB 2.86 312 eP 43 53.50 -0.5
BIP 2.92 358 ePd 43 53.50 -1.3
eS 44 23.50
CGP 3.55 332 ePd 44 08.00 4.5X
eS 44 50.00
PLP 6.00 347 ePc 44 39.80 2.3
KNA 21.03 174 eP 47 47.80 -0.3
WB2 26.27 163 iPd 48 39.20 0.7
0.5s 2.70nm 4.0mb
BJI 35.80 347 eP 50 01.50 -0.6
1.2s 18.00nm 4.9mb
TAPN 42.81 305 P 51 01.31 0.5
0.4s 5.00nm 4.7mb
ODAN 42.88 304 P 51 00.85 -0.4
GUN 44.52 305 P 51 14.89 0.2
DMN 45.04 304 P 51 18.47 -0.3
KOLN 46.34 304 P 51 29.27 0.3
0.3s 6.00nm 5.0mb
DANN 46.42 305 P 51 29.59 -0.1
0.6s 25.00nm 5.2mb
PYUN 46.97 304 P 51 34.13 0.2
KAF 90.05 332 iP 55 59.90 -0.6
0.4s 1.50nm 4.5mb
S.D. = 1.0 on 14 of 15 obs.

% JUN 01, 1994 22h 27m 49.33± 0.79s
26.364 S ± 6.9km 27.416 E ± 7.5km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.7 (PRE).

PRY 0.56 175 iPc 28 01.30 0.7
S 28 08.00
KSR 0.68 317 iPd 28 03.80 0.8
S 28 13.00
SLR 1.00 51 iPd 28 08.70 -0.1
S 28 21.00
SEK 1.96 175 iPc 28 24.20 0.5
S 28 46.90
SWZ 2.04 246 eP 28 25.60 0.7
S 28 50.30
NWL 2.64 121 eP 28 32.90 -0.5
S 28 59.20
BOSA 2.86 218 eP 28 37.40 1.0
S 29 10.80
BLF 2.94 201 iPd 28 37.40 -0.4
S 29 10.50
PKA 5.27 230 eP 29 20.88 10.1X
S 30 02.90
GRM 6.96 186 eP 29 40.00 5.4X
S 31 02.50
POF 7.26 244 eP 29 36.00 -2.6
S 30 55.00
SUR 8.31 222 eP 29 50.00 -3.6X
S 31 15.00
CER 9.91 223 eP 30 17.00 1.4X
S 31 37.50
WIN 10.13 290 eP 30 15.50 -3.2X
S 32 04.00
BLE 10.67 223 eP 30 21.00 -5.0X
S.D. = 1.3 on 9 of 15 obs.

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% JUN 01, 1994  22h 41m 28.69± 0.80s
  44.524 N ± 6.2km    7.259 E ± 8.2km
  DEPTH = 10.0km  (geophysicist)
 NORTHERN ITALY                  (545)
      ML 1.6 (GEN).

PZZ      0.11 260 P     41 31.86   0.1
                  S     41 33.87
STV      0.28 170 P     41 34.61  -0.1
                  S     41 38.59
BHB      0.32   1 P     41 35.20  -0.1
                  S     41 39.64
ENR      0.32 159 P     41 35.25  -0.1
                  S     41 39.64
ROB      0.49 117 P     41 38.91   0.2
                  S     41 45.96
     S.D. = 0.2  on    5 of    5 obs.
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  JUN 01, 1994  23h 24m 35.68± 0.66s
  44.401 N ± 5.6km  148.186 E ± 4.7km
  DEPTH = 58.2 ±  6.2 km
  4.7mb ( 58 obs.)
 KURIL ISLANDS                   (221)

KUSJ     2.84 244 P     25 19.20  -0.2
                  eS    25 50.10
ASAJ     3.99 268 P     25 38.50   2.7
HOOJ     4.10 242 eP    25 39.30   2.1
                  eS    26 26.40
YSS      4.64 306 iPnd  25 45.00   0.2
                  e     26 39.00
MRRJ     5.55 252 P     26 00.10   2.6
                  eS    27 00.50
OFUJ     7.21 225 eP    26 18.80  -2.0
                  eS    27 34.20
SKR      8.24  38 ePn   26 34.10  -0.9
     Z  16s     0.90um
                  eS    28 15.80
NIIJ     9.98 227 eP    26 57.60  -1.2
CHJJ    10.90 223 eP    27 09.30  -2.1
MAT     10.92 227 eP    27 10.00  -1.7
        0.9s    16.81nm         5.1mb
MTMJ    11.10 229 eP    27 13.50  -0.7
IIDJ    11.89 225 eP    27 24.00  -0.7
TSRJ    12.87 231 eP    27 37.60  -0.1
WKYJ    14.07 228 P     28 02.20   8.7X
YONJ    14.57 236 P     28 07.20   7.3X
TKSJ    15.09 231 P     28 13.80   7.1X
SHNJ    16.71 238 eP    28 31.30   4.1X
KUMJ    17.99 235 eP    28 46.60   3.5X
YAK     20.69 335 eP    29 10.70  -2.1
        1.2s    36.00nm         4.6mb
     Z  20s     0.40um          3.8Msz
                  e     32 53.00
BJI     24.02 271 eP    29 46.00   0.1
        1.0s    22.00nm         4.6mb
     Z  16s     0.29um          3.8MszX
ILT     29.24  25 eP    30 31.60  -2.0
ZAK     30.61 297 eP    30 48.00   2.1
        1.8s    17.00nm         4.5mb
LZH     34.50 272 iPc   31 20.80   0.6
        1.2s    62.00nm         5.4mb
     Z  20s     0.15um          3.7Msz
                  pP    31 36.00  61kmX
TTA     36.45  40 eP    31 35.99  -0.4
        0.8s     3.12nm         4.3mb
SVW     36.56  43 eP    31 38.70   1.4
        0.6s     3.90nm         4.5mb
IMA     37.72  34 eP    31 47.21   0.2
        0.7s     6.68nm         4.7mb
CP2     38.20  42 eP    31 52.49   1.3
FBA     40.13  37 eP    32 07.21   0.3
        0.8s     1.74nm         4.0mb
TOA     41.03  41 eP    32 15.00   0.6
        0.5s     8.80nm         4.8mb
KLU     41.22  42 eP    32 16.46   0.5
KMI     41.39 258 ePc   32 19.00   1.1
        1.0s    20.00nm         4.8mb
                  pP    32 28.20  31kmX
                  sP    32 32.80
BALM    42.99  42 (P)   32 31.13   0.6
INK     45.46  31 eP    32 50.00  -0.1
        0.5s     1.00nm         3.9mb
CHTO    48.18 254 ePc   33 13.00   0.9
        0.8s    16.84nm         5.1mb
TAPN    50.74 272 P     33 31.59  -0.4
        0.7s    31.00nm         5.4mb
JIRN    51.65 273 P     33 39.09   0.1
GUN     51.72 273 P     33 39.45  -0.1
RAMN    51.77 272 P     33 39.77   0.0
        0.6s   165.00nm         6.3mb X
PKI     52.26 273 P     33 42.91  -0.7
DMN     52.45 274 P     33 44.93   0.0
        0.7s    86.00nm         5.9mb X
GKN     52.56 274 P     33 45.19  -0.4
DANN    52.98 275 P     33 49.15   0.3
        0.3s    37.00nm         6.0mb X
KOLN    53.43 275 P     33 51.85  -0.2
        0.3s    19.00nm         5.6mb
PYUN    53.68 276 P     33 53.79  -0.1
RES     54.13  17 eP    33 55.00  -1.3
        0.9s     2.00nm         4.1mb
YKA     54.85  34 eP    34 01.10  -0.6
        0.5s     4.40nm         4.7mb
NDI     57.43 280 iPc   34 20.50  -0.2
        0.5s    35.21nm         5.7mb
NEW     61.34  49 eP    34 47.72   0.2
        0.8s     4.22nm         4.6mb
HYB     63.54 269 eP    35 01.50  -0.9
        0.8s    34.60nm         5.4mb
KAF     64.06 334 iP    35 03.20  -2.0
        0.4s     2.20nm         4.5mb
WRA     65.27 194 P     35 14.19   0.8
        0.7s     3.00nm         4.4mb
LRM     65.36  49 ePc   35 14.40   0.2
                  e     35 28.10
NUR     65.80 333 iP    35 15.00  -1.3
        0.3s     4.30nm         4.9mb
POO     66.18 273 eP    35 21.00   1.6
GBA     66.87 267 P     35 23.00  -0.8
FRB     68.35  17 eP    35 31.00  -1.3
        0.5s     4.00nm         4.6mb
TPNV    68.80  59 eP    35 36.45   0.6
ASPA    68.99 194 eP    35 38.00   1.2
        0.8s     9.20nm         4.8mb
NB2     69.26 339 P     35 36.60  -1.5
        0.5s     1.80nm         4.3mb
HFS     69.38 338 eP    35 36.90  -1.8
        0.3s     1.60nm         4.4mb
KIV     69.88 312 eP    35 42.10  -0.2
MSU     70.23  55 eP    35 45.51   0.9
ULM     70.53  38 eP    35 52.00   6.1X
SRU     70.80  54 eP    35 48.38   0.3
RSSD    70.97  47 eP    35 49.02   0.0
        0.8s     5.05nm         4.5mb
PV08    72.24  53 eP    35 57.27   0.4
CLL     77.08 333 iP    36 23.10  -0.8
                  e     36 38.00
PRU     77.69 331 P     36 27.50   0.2
EKA     77.71 344 Pc    36 26.27  -1.0
        0.7s     6.00nm         4.7mb
MOX     78.10 333 eP    36 29.50   0.0
KHC     78.75 332 eP    36 32.70  -0.5
        1.0s     7.00nm         4.6mb
                  e     36 49.00
GEC2    78.95 331 P     36 34.00  -0.3
        0.6s     1.77nm         4.2mb
                  e     36 35.20
                  e     36 36.90
                  e     36 38.90
                  e     36 46.20
GRF     79.05 333 eP    36 35.00   0.2
        0.9s    11.30nm         4.8mb
DLF     80.29 345 eP    36 41.40   0.1
KBA     80.59 331 iPc   36 43.50   0.3
        0.9s    10.10nm         4.8mb
WATA    80.98 332 iPc   36 45.30   0.1
WTTA    81.02 332 iPc   36 45.60   0.1
        0.4s     4.70nm         4.8mb
MOTA    81.13 332 iPc   36 45.90  -0.1
SQTA    81.20 332 iPc   36 46.30  -0.1
        0.8s     7.90nm         4.7mb
ECP     81.33 344 eP    36 46.00  -0.7
CDF     81.42 335 iPc   36 47.00  -0.4
        0.9s     6.90nm         4.6mb
LTX     81.67  57 eP    36 49.93   0.8
SKO     81.68 323 iP    36 49.00   0.2
VAY     81.71 322 iP    36 49.50   0.6
HAU     82.06 335 iPc   36 50.30  -0.4
        0.7s     3.75nm         4.5mb
BSF     82.08 335 iPc   36 50.30  -0.6
        0.8s     4.05nm         4.5mb
GAC     82.30  29 eP    36 51.50  -0.4
FLN     83.24 340 iPc   36 56.70  -0.1
        0.5s     4.10nm         4.7mb
LDF     83.31 339 iPc   36 57.00  -0.1
        0.9s     8.20nm         4.7mb
LOR     83.45 336 iPc   36 57.50  -0.4
        1.2s    14.90nm         4.9mb
MIAR    83.48  47 eP    36 59.16   1.0
        0.6s     4.19nm         4.6mb
LBF     83.68 336 iPc   36 58.80  -0.3
        0.9s     8.20nm         4.7mb
GRR     83.68 340 iPc   36 58.80  -0.2
        1.0s    19.40nm         5.1mb
SSF     83.74 337 iPc   36 59.30  -0.1
        0.9s     7.70nm         4.7mb
SMF     84.03 336 iPc   37 00.90   0.1
        0.9s    20.45nm         5.2mb
AVF     84.03 337 iPc   37 01.00   0.2
        0.9s    13.60nm         5.0mb
LPF     84.06 340 iPc   37 01.20   0.3
        1.3s    48.00nm         5.4mb
LPL     84.17 334 iPc   37 02.20   0.4
        0.8s     8.60nm         4.8mb
LPG     84.18 334 iPc   37 02.40   0.4
        0.8s     8.60nm         4.8mb
BGF     84.39 337 eP    37 03.40   0.8
        0.7s     4.50nm         4.6mb
MAF     84.78 337 iPc   37 05.30   0.7
        0.8s    13.05nm         5.1mb
TCF     84.81 337 iPc   37 05.00   0.2
        0.7s     3.30nm         4.5mb
LSF     85.04 337 iPc   37 06.30   0.4
MFF     85.16 339 iPc   37 07.10   0.6
        0.9s    19.00nm         5.2mb
LMN     85.50  22 eP    37 09.00   0.8
        0.9s     3.00nm         4.4mb
RJF     85.91 337 eP    37 10.80   0.5
CAF     86.10 337 iPc   37 12.40   1.1
        1.0s    13.80nm         5.1mb
LFF     86.46 337 iPc   37 13.90   1.0
        0.9s    20.15nm         5.3mb
LPO     86.57 337 iPc   37 14.50   1.0
        0.9s    11.80nm         5.1mb
LPAZ   138.51  59 PKP   44 01.00   3.5X
XIN    144.79  10 ePKP  44 06.70  -1.1
BAO    148.21  31 ePKP  44 17.10   3.6X
     S.D. = 1.0  on 104 of 112 obs.
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% JUN 02, 1994  00h 10m 46.20± 1.37s
  37.014 N ±12.1km    4.031 W ± 8.1km
  DEPTH = 10.0km  (geophysicist)
 SPAIN                           (377)
      mbLg 2.7 (MDD).

ELOJ     0.17 324 iPd   10 50.47   0.4
                  eS    10 53.60
ERON     0.18  89 iPd   10 50.68   0.4
                  eS    10 53.30
EGUA     0.41 116 eP    10 54.20  -0.5
                  eS    11 01.60
ECOG     0.45  55 eP    10 54.20  -1.3
                  eS    11 01.80
ELUQ     0.58 341 eP    10 56.60  -1.3
                  eS    11 05.90
EBAN     1.16  10 eP    11 08.87   0.9
                  eS    11 23.50
EHOR     1.26 310 eP    11 09.49  -0.1
                  eS    11 27.10
EHUE     1.40  55 eP    11 13.09   1.3
                  eS    11 31.80
     S.D. = 1.1  on    8 of    8 obs.
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? JUN 02, 1994  01h 47m 10.60± 3.10s
  11.038 S ±20.5km  166.583 E ±18.8km
  DEPTH = 53.6 ± 21.5 km
  4.6mb (  6 obs.) 4.1Msz (  1 obs.)
 SANTA CRUZ ISLANDS              (184)

HNR      6.72 283 eP    48 49.50   0.4
BKM      6.78 166 iP    49 03.00  13.0X
DZM     10.97 181 iPc   49 47.00  -0.7
                  iS    51 38.10
CTA     21.53 243 iPc   51 59.50   2.2
ARMA    23.77 214 eP    52 20.00   0.7
        0.7s    13.00nm         4.5mb
STKA    31.02 224 iPc   53 25.20  -0.2
THZ     31.11 171 P     53 26.20   0.0
LTZ     32.01 172 P     53 34.10   0.0
```

0.8s 44.00nm 5.3mb
WB2 32.25 250 iPc 53 35.30 -1.1
0.9s 7.70nm 4.5mb
e 53 46.80
WRA 32.26 250 P 53 35.80 -0.7
0.8s 4.60nm 4.4mb
ASPA 33.53 244 iPd 53 45.90 -1.7
0.7s 21.20nm 5.1mb
Z 21s 0.40um 4.1Msz
MEEK 47.69 244 eP 55 44.00 -0.1
SPA 79.03 180 eP 59 12.00 1.6
0.8s 2.50nm 4.2mb
GEC2 136.06 334 PKP 06 20.20 -7.5X
1.3s 0.83nm
e 06 29.40
SOB1 146.07 125 ePKP 06 45.90 -0.5
BCAO 147.69 261 iPKPc 06 55.00 6.0X
0.7s 39.00nm
S.D. = 1.2 on 13 of 16 obs.

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* JUN 02, 1994 02h 52m 47.08± 0.39s
42.357 N ± 8.6km 139.092 E ± 9.6km
DEPTH = 33.0km (normal)
4.4mb (15 obs.)
HOKKAIDO, JAPAN REGION (224)

INK 50.53 29 eP 01 43.50 -0.1
0.7s 2.00nm 4.2mb
MBC 51.96 17 eP 01 54.00 -0.4
RES 57.91 15 eP 02 37.00 -0.7
WRA 62.14 185 P 03 06.70 -0.5
0.7s 1.80nm 4.3mb
KAF 62.78 331 iP 03 10.30 -0.7
0.6s 3.40nm 4.7mb
HFS 68.52 334 eP 03 47.10 -0.7
0.4s 1.80nm 4.5mb
NB2 68.60 336 P 03 47.80 -0.6
0.6s 0.70nm 3.9mb
VUN 70.18 140 eP 03 58.40 -0.1
CLL 75.61 328 iP 04 30.00 -0.1
PRU 76.03 327 eP 04 33.30 0.8
RSSD 77.03 41 (P) 04 38.42 -0.1
0.7s 3.17nm 4.5mb
KHC 77.10 327 eP 04 38.50 0.0
GEC2 77.27 326 P 04 39.80 0.2
0.5s 0.63nm 3.9mb
PV10 78.58 48 eP 04 48.00 0.8
PV08 78.65 48 (P) 04 48.05 0.4
LOR 82.35 331 eP 05 06.50 -0.2
0.6s 1.70nm 4.3mb
LBF 82.55 331 eP 05 07.50 -0.3
0.6s 0.80nm 4.0mb
SSF 82.65 331 eP 05 08.30 0.1
0.7s 1.85nm 4.3mb
LPL 82.75 328 eP 05 09.50 0.4
LPG 82.76 328 eP 05 09.70 0.5
0.8s 2.55nm 4.4mb
SMF 82.89 331 eP 05 09.50 0.0
1.0s 7.20nm 4.7mb
AVF 82.94 331 eP 05 09.90 0.2
0.8s 2.55nm 4.4mb
BGF 83.32 331 eP 05 12.30 0.6
0.7s 2.55nm 4.5mb
MAF 83.71 331 eP 05 14.30 0.6
1.0s 4.00nm 4.5mb
SOB1 146.98 360 (PKP) 12 29.00 2.8X
S.D. = 0.5 on 24 of 25 obs.

% JUN 02, 1994 02h 58m 57.66± 0.95s
40.717 N ± 7.7km 29.925 E ± 6.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

HRT 0.22 298 iPg 59 02.60 0.1
EYL 0.23 130 iPg 59 02.60 -0.1
eSg 59 05.10
YLV 0.45 250 iPg 59 06.10 -0.7
iSg 59 13.60
IZI 0.51 222 iPg 59 08.20 0.1
iSg 59 15.60
ISK 0.74 298 ePg 59 12.10 -0.1
CTT 1.21 291 iPn 59 20.00 -0.2
KCT 1.28 249 ePn 59 21.60 0.1
EDC 1.61 257 ePn 59 27.00 0.7
S.D. = 0.5 on 8 of 8 obs.

& JUN 02, 1994 03h 27m 14.44s
34.277 N 118.457 W
DEPTH = 11.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.8 (PAS),
3.8 (GS).

TPRS 0.22 210 P 27 18.62 -0.6
MWC 0.34 99 iPd 27 21.10 -0.4
CFL 0.36 81 P 27 21.29 -0.8
PYR 0.37 321 iPd 27 21.87 -0.3
PVPS 0.49 175 P 27 23.62 -0.8
ECF 0.55 289 P 27 25.30 -0.4
SSK 0.64 96 iPd 27 26.29 -0.9
LOK 0.69 311 P 27 26.84 -1.2
FTC 0.69 329 iPc 27 27.04 -1.0
CIW 0.81 186 P 27 29.20 -0.9
ABL 0.85 312 iPc 27 29.54 -1.3
PLEC 0.85 324 P 27 30.29 -0.6
SNDC 0.87 8 P 27 30.34 -0.9
ARVC 0.90 340 P 27 30.82 -0.8
CSP 0.91 88 eP 27 31.04 -0.8
TEJ 0.97 349 P 27 31.84 -0.9
MARC 1.03 315 iPc 27 32.95 -0.8
LPC 1.06 282 P 27 33.15 -1.3
DTP 1.11 27 P 27 34.29 -0.9
PEC 1.14 109 iPc 27 34.67 -1.1
WOFM 1.27 351 P 27 37.04 -1.0
PKM 1.28 299 P 27 37.11 -1.1
SYP 1.28 282 P 27 36.47 -1.7
WBSM 1.28 12 P 27 37.60 -0.7
ISA 1.38 359 iPc 27 38.90 -0.8
RAY 1.39 100 P 27 38.97 -0.9
CRGC 1.42 313 iPc 27 38.95 -1.3
WASM 1.46 357 P 27 39.97 -0.9
XMS 1.54 36 P 27 40.90 -0.9
RMR 1.56 92 P 27 42.02 -0.3
PLM 1.62 124 iPc 27 41.57 -1.5
eS 28 03.38
BCH 1.62 305 eP 27 41.93 -1.1
NMC 1.63 16 P 27 42.18 -1.0
TOW 1.63 20 P 27 42.52 -0.6
GSC 1.70 53 iPc 27 43.55 -0.7
VPEM 1.75 17 P 27 44.06 -0.9
RVCM 1.79 15 P 27 44.40 -1.1
JULC 1.97 128 P 27 46.31 -1.8
PTRM 1.99 314 P 27 47.45 -0.9
COY 2.01 116 P 27 48.54 0.0
PAGM 2.07 315 P 27 53.59 4.1
PKEM 2.24 323 eP 27 51.26 -0.7
WKR 2.28 313 P 27 51.04 -1.5
SHH 2.32 91 P 27 51.88 -1.4
PSTM 2.35 315 P 27 51.95 -1.7
PANM 2.51 307 P 27 53.43 -2.3
PTV 2.60 315 P 27 55.16 -2.0
CO2 2.62 99 P 27 55.81 -1.5
PHCM 2.62 303 P 27 55.29 -2.1
PSAM 2.65 312 P 27 55.43 -2.3
PAPM 2.89 305 P 27 58.32 -2.9
BHPR 3.02 360 P 28 09.71 6.5
MTUM 3.07 358 (P) 28 03.75 -0.1
SHG 3.13 314 P 28 01.62 -2.9
TPNV 3.22 33 ePn 28 04.82 -1.1
GLA 3.26 111 ePn 28 04.72 -1.8
MMPM 3.36 352 ePn 28 08.60 0.4
ePg 28 13.97
BPRM 3.42 309 P 28 05.63 -3.1
BVYM 3.45 316 P 28 06.82 -2.3
BONR 3.67 2 ePn 28 12.36 -0.3
ePg 28 21.26
JTGM 3.91 316 P 28 13.18 -2.5
TNP 3.93 14 ePn 28 15.56 -0.5
ePg 28 26.67
ARN 3.96 322 ePn 28 14.09 -2.2
COE 3.96 320 ePn 28 13.27 -3.1
CMB 4.06 338 ePn 28 16.90 -0.9
ARUT 5.37 48 ePn 28 36.24 -0.3
ORV 5.80 336 ePn 28 40.73 -1.7
MSU 6.60 48 ePn 28 53.74 -0.2
DUG 7.42 36 ePg 29 32.95 27.5
SRU 7.99 51 ePn 29 13.30 -0.1
PV09 8.62 58 ePn 29 22.29 0.1
PV10 8.63 59 ePn 29 21.69 -0.7
PV08 8.99 59 ePn 29 26.33 -1.1
73 obs. associated

JUN 02, 1994 03h 34m 43.59± 0.50s
46.001 N ± 5.9km 13.626 E ± 5.5km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 2.6 (VIE). MD 2.9 (LJU), 2.7
(TRI).

VOY 0.19 81 iPgc 34 47.40 -0.5
eSg 34 51.40
TRI 0.31 162 iPgd 34 48.70 -1.3
iSg 34 54.30
CEY 0.62 115 ePg 34 54.80 -1.3
eSg 35 05.60
LJU 0.63 86 ePg 34 57.00 0.7
eSg 35 05.90
RIY 0.85 141 ePg 35 00.80 0.9
iSg 35 12.00
KBA 1.10 350 iPgd 35 05.20 0.9
iSg 35 18.40
VBY 1.25 113 ePn 35 07.50 0.8
iSn 35 27.10
PTJ 1.63 93 iPn 35 14.50 2.0
iSn 35 37.90
SCE 1.68 309 ePn 35 13.00 -0.3
BHG 1.80 344 eP 35 15.90 1.1
WTTA 1.86 313 iPnd 35 15.70 -0.3
iSg 35 41.70
WATA 1.94 314 iPnd 35 17.10 0.0
i 35 42.00
i 35 44.90
OGA 2.00 297 ePn 35 19.50 1.6
SQTA 2.07 307 iPnc 35 19.30 0.5
iSg 35 46.80
MOTA 2.20 309 iPnc 35 20.70 -0.1
i 35 50.30
GEC2 2.85 1 Pn 35 28.90 -1.1
0.1s 0.25nm
e 35 29.40
e 35 30.10
KHC 3.13 359 Pn 35 32.50 -1.4
Pg 35 42.00
eSn 36 13.50
eSg 36 22.50
WET 3.19 351 iPnc 35 33.20 -1.5
ZST 3.23 46 eP 36 32.30 56.9X
HVAR 3.47 143 iPn 35 38.10 -0.6
iSn 36 20.90
PRU 4.04 8 Pg 36 36.30 49.6X
0.7s 8.30nm
Sg 36 51.50
MOX 4.84 345 (Pg) 36 50.70 52.5X
iSg 37 17.20
S.D. = 1.1 on 19 of 22 obs.

JUN 02, 1994 03h 40m 34.24± 1.06s
4.997 S ± 4.7km 131.349 E ± 6.4km
DEPTH = 35.4 ± 11.3 km
5.1mb (18 obs.) 4.1Msz (1 obs.)
BANDA SEA (280)

TLE 1.53 115 iPd 41 01.50 1.8
iS 41 18.00
MTN 7.80 182 eP 42 27.50 -0.8
OKTD 9.91 92 iPd 42 54.50 -3.0X
KNA 10.98 193 eP 43 10.50 -1.6
0.3s 99.00nm 6.6mb X
eS 45 06.00
WWKK 12.32 84 eP 43 25.40 -4.8X
WB2 15.14 169 iPd 44 02.50 -4.9X
eS 46 43.50
PMG 16.28 106 eP 44 21.00 -1.0
TSM 16.32 304 eP 44 21.00 -1.5
KKM 18.67 306 ePc 44 53.00 1.1
ASPA 18.72 173 iPc 44 50.30 -2.2
0.4s 100.70nm 5.4mb
eS 48 09.40
PPR 19.32 319 iPd 45 03.50 3.9X
MBL 19.57 214 eP 45 02.10 -0.2
0.4s 12.00nm 4.5mb
GQP 20.75 335 ePd 45 14.20 -0.5
CTA 20.87 137 iPc 45 16.20 0.4
1.0s 40.00nm 4.8mb
ipP 45 25.00 32kmX
i(sP) 45 38.50
e(S) 48 15.00
PGP 21.08 331 iPc 45 18.50 0.5
WARB 21.54 192 eP 45 24.00 1.3
0.4s 15.00nm 4.8mb

02d 03h

NANU 23.21 220 iPc 45 40.80 1.6
LEM 23.67 264 iPc 45 43.50 -0.4
BAG 23.79 334 ePc 45 45.00 0.0
1.0s 38.00nm 4.9mb
CVP 24.44 338 eP 45 52.40 1.3
MEEK 24.72 208 eP 45 54.00 0.2
FORT 25.83 187 eP 46 04.90 0.7
0.5s 24.00nm 5.0mb
COOL 27.48 199 eP 46 19.00 -0.4
MRWA 28.14 209 eP 46 26.00 0.7
0.3s 7.00nm 4.8mb
STKA 28.41 161 iPd 46 27.60 -0.1
eS 51 54.00
ADE 30.59 168 e(P) 46 51.40 4.2X
NST 37.11 304 eP 48 03.40 19.9X
DZM 37.96 120 iPc 47 49.80 -0.9
CHTO 39.74 307 eP 48 05.80 0.3
KMI 40.86 318 eP 48 20.60 5.7X
1.6s 40.00nm 4.9mb
BJI 46.94 344 eP 49 02.00 -1.4
1.2s 8.00nm 4.6mb
LZH 48.32 330 eP 49 14.50 0.0
2.0s 33.00nm 5.0mb
Z 18s 0.20um 4.1Msz
pP 49 21.00 22kmX
sP 49 24.20
ODAN 53.00 309 P 49 50.21 -0.2
TAPN 53.00 310 P 49 50.05 -0.4
0.4s 25.00nm 5.5mb
RAMN 53.66 309 P 49 55.33 0.1
0.5s 38.00nm 5.7mb
JIRN 54.33 309 P 49 59.77 -0.5
0.6s 12.00nm 5.1mb
PKI 54.89 309 P 50 03.59 -0.8
DMN 55.14 309 P 50 05.81 -0.3
GKN 55.69 309 P 50 09.69 -0.3
0.4s 23.00nm 5.5mb
KOLN 56.39 308 P 50 14.77 -0.3
0.4s 22.00nm 5.5mb
DANN 56.54 309 P 50 15.61 -0.6
0.5s 18.00nm 5.3mb
HYB 56.68 294 eP 50 14.00 -3.0X
PYUN 57.03 308 P 50 19.37 -0.2
0.5s 24.00nm 5.5mb
POO 61.28 294 eP 50 50.00 1.1
SPA 85.03 180 eP 53 08.00 0.6
0.5s 1.85nm 4.5mb
UFRS 145.07 176 ePKP 00 10.50 0.2
LPB 151.23 138 PKP 00 29.00 8.2X
CCH 151.85 143 PKP 00 29.00 7.4X
S.D. = 0.9 on 38 of 48 obs.

? JUN 02, 1994 04h 07m 42.32± 4.69s
37.720 N ±43.8km 25.669 W ±15.3km
DEPTH = 10.0km (geophysicist)
AZORES ISLANDS (405)

FAC 0.06 15 iP 07 44.50 0.0
iS 07 46.00
CML 0.11 62 iP 07 45.00 -0.2
iS 07 47.25
SETA 0.11 325 iP 07 45.00 -0.3
iS 07 47.00
LFA 0.16 70 iP 07 45.75 -0.2
iS 07 48.50
S.D. = 0.2 on 4 of 4 obs.

JUN 02, 1994 04h 39m 35.54± 0.18s
20.951 N ± 2.9km 121.137 E ± 3.6km
DEPTH = 23.0km (6 depth phases)
5.1mb (64 obs.) 4.9Msz (6 obs.)
PHILIPPINE ISLANDS REGION (248)
Mw 5.4 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 34C
Centroid Location:
Origin Time 04:39:39.6 0.3
Lat 21.05N 0.06 Lon 121.23E 0.06
Dep 15.0 FIX Half-duration 1.3
Moment Tensor; Scale 10**16 Nm
Mrr= 7.31 0.32 Mtt= 0.74 0.50
Mff=-8.05 0.47 Mrt=-6.02 1.34
Mrf=-9.86 1.52 Mtf=-0.57 0.32
Principal Axes:
T Val= 14.17 Plg=59 Azm=135
N -0.56 13 22
P -13.61 28 285
Best Double Couple:Mo=1.4*10**17
NP1:Strike=344 Dip=21 Slip= 50
NP2: 206 74 104

BBP 0.93 123 iPd 39 53.00 0.2
PIP 2.66 191 ePd 40 19.00 1.1
iS 40 49.00
CVP 3.29 169 iPd 40 29.00 2.1
iS 40 45.00
SZP 3.44 191 ePc 40 30.00 1.0
BAG 4.55 187 eP- 40 43.20 -1.7
e 41 29.20
QCP 6.28 181 eP 41 15.00 5.8X
HKC 6.62 283 iP 41 11.70 -2.2
TGY 6.81 182 ePc 41 20.00 3.3X
GQP 7.12 170 eP 41 22.00 1.1
eS 42 39.00
PGP 7.41 181 eP 41 26.00 0.9
SSE 10.10 0 eP 42 03.00 0.7
Z 20s 5.50um
N 14s 4.20um
eS 43 48.00
PLP 10.41 159 ePd 42 09.80 3.3X
1.0s 28.00nm 5.5mb
MAP 10.92 165 ePc 42 14.00 0.5
1.0s 23.00nm 5.4mb
PPR 11.35 192 ePc 42 14.00 -5.4X
CGP 12.89 164 eP 42 51.00 10.9X
KAGJ 13.43 39 eP 42 47.30 0.0
KUMJ 14.41 35 eP 43 00.80 0.7
KKM 15.57 199 ePd 43 17.50 2.1
SHNJ 15.81 32 P 43 24.70 6.4X
TSM 16.86 191 ePc 43 32.80 1.0
TKSJ 17.29 39 P 43 41.90 4.8X
KMI 17.43 287 P- 43 38.00 -1.2
1.6s 150.00nm 4.9mb
Z 15s 4.10um
N 11s 2.20um
E 11s 2.20um
pP 43 51.00
PP 43 54.00
sP 43 57.00
S 47 08.00
sS 47 22.00
SS 47 30.00
YONJ 17.85 35 P 43 50.80 6.7X
WKYJ 18.38 41 P 43 52.20 1.5
BJI 19.50 349 eP 44 04.00 0.0
1.2s 57.00nm 4.7mb
Z 16s 3.80um
N 14s 2.38um
esP 44 16.00
eS 47 40.00
esS 47 53.00
eSS 48 08.00
TSRJ 19.51 39 P 44 05.40 1.1
NST 20.61 259 eP 44 17.00 1.1
IIDJ 20.64 42 eP 44 17.40 1.2
CHTO 20.98 268 iPd 44 20.20 0.5
1.2s 80.21nm 5.0mb
eS 48 17.90
BDT 21.23 264 eP 44 22.50 0.3
1.0s 48.30nm 4.9mb
MTMJ 21.31 39 eP 44 25.60 2.6
LZH 21.36 319 iPd 44 24.20 0.6
2.0s 285.00nm 5.3mb
Z 14s 4.17um 5.0MszX
E 13s 2.94um
pP 44 32.00 28km
sP 44 35.00
S 48 16.00
sS 48 28.00
MAT 21.52 40 eP 44 25.00 -0.1
1.4s 53.49nm 4.8mb
Z 19s 2.43um 4.6Msz
eS 48 25.00
CHJJ 21.68 42 eP 44 27.40 0.7
NIIJ 22.46 40 eP 44 36.70 2.3
YAMJ 23.69 39 eP 44 47.90 1.5
GUMO 23.80 104 eP 44 46.60 -1.0
1.4s 372.40nm 5.7mb
PJG 23.79 104 eP 44 47.70 0.1
VLA 23.87 20 iPd 44 59.00 10.9X
1.5s 191.00nm
i 45 15.00 69kmX
i 45 39.00
SNG 24.11 238 eP 44 53.80 3.1X
OFUJ 25.25 40 eP 45 01.20 -0.2
IPM 25.43 233 ePc 45 04.00 0.7
0.9s 30.40nm 4.9mb
KGM 25.61 225 eP 45 07.50 2.5
MRRJ 27.19 34 eP 45 23.40 4.1X
SHL 27.24 285 eP 45 20.50 0.3
iS 50 02.00
HOOJ 28.34 36 eP 45 33.40 3.7X
ASAJ 29.20 33 eP 45 40.00 2.5
KUSJ 29.60 36 eP 45 42.20 1.1
TAPN 31.10 288 P 45 55.09 0.2
ODAN 31.35 287 P 45 55.95 -1.1
YSS 31.36 29 ePc 45 56.00 -0.5
1.4s 50.00nm 5.2mb
Z 17s 1.10um 4.6MszX
N 17s 1.00um
E 17s 0.80um
e 53 08.00
CIT 31.54 351 eP 45 52.00 -6.2X
RAMN 32.06 288 P 46 03.39 0.1
1.1s 75.00nm 5.5mb
JIRN 32.47 289 P 46 07.05 0.1
1.1s 87.00nm 5.6mb
ZAK 32.58 339 eP 46 07.30 0.1
1.2s 28.00nm 5.1mb
e 48 53.00
eS 51 21.00
GUN 32.76 289 P 46 09.27 -0.2
PKI 33.15 289 P 46 12.45 -0.4
1.4s 139.00nm 5.7mb
GKN 33.86 289 P 46 17.91 -0.9
1.1s 75.00nm 5.5mb
IRK 33.88 341 eP 46 17.00 -1.5
1.6s 23.00nm 4.9mb
Z 15s 2.47um 5.1MszX
N 16s 2.02um
E 16s 0.84um
e 46 28.00 40kmX
DANN 34.66 290 P 46 25.21 -0.6
1.7s 317.00nm 6.0mb
KOLN 34.76 289 P 46 26.29 -0.4
1.1s 82.00nm 5.6mb
MTN 34.99 163 eP 46 25.50 -2.9X
0.4s 67.00nm 5.9mb
PYUN 35.32 289 P 46 30.91 -0.5
1.0s 61.00nm 5.5mb
BOD 37.20 354 eP 46 41.80 -4.8X
0.7s 12.00nm 4.8mb
KNA 37.23 168 eP 46 46.20 -1.1
LAT 37.40 134 eP 46 48.20 -0.5
HYB 40.29 272 eP 47 14.00 1.1
GBA 42.26 267 P 47 30.00 0.9
WRA 42.64 162 P 47 31.10 -1.0
0.7s 26.90nm 5.1mb
WB2 42.65 161 iPc 47 31.00 -1.1
0.6s 55.20nm 5.5mb
eS 54 00.30
PET 43.01 33 eP 47 40.00 5.3X
NANU 43.59 188 eP 47 39.00 -0.7
POO 44.45 275 eP 47 50.50 3.6X
ASPA 46.06 164 iPc 47 58.60 -0.9
0.6s 39.90nm 5.5mb
eS 54 44.70
WARB 47.16 173 eP 48 07.80 -0.4
0.4s 13.00nm 5.3mb
CTA 47.62 147 iPc 48 11.50 -0.4
1.5s 250.00nm 6.0mb
i 48 24.00 46kmX
i 48 31.00
eS 55 12.00
MRWA 50.12 186 eP 48 30.00 -1.1
COOL 51.54 180 eP 48 40.00 -1.8
FORT 51.86 172 eP 48 43.00 -1.2
NWAO 53.70 184 eP 48 57.00 -0.9
MAIO 55.38 300 eP 49 10.00 -0.4
eS 57 04.00
STKA 56.07 159 iPd 49 14.40 -0.7
ASH 56.25 302 eP 49 19.00 2.4
SVE 56.63 325 eP 49 17.00 -2.0
Z 16s 2.00um 5.3MszX
N 16s 1.10um
E 16s 1.50um
eS 57 14.00
ePS 57 26.00
ARU 57.65 324 eP 49 30.00 3.8X
Z 16s 1.50um 5.2MszX

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      N  13s      0.50um
      E  16s      1.00um
                e          49 49.00  74kmX
ADE     58.06 163 iPd      49 29.10  -0.2
ILT     59.67  22 iPd      49 38.10  -2.0
        1.6s     58.00nm           5.5mb
      Z  16s      0.70um           4.9MszX
      N  16s      0.40um
      E  16s      0.70um
                e          59 28.00
BWA     60.88 154 eP       49 49.40   0.7
DZM     61.51 131 iPc      49 51.90  -1.4
CAN     61.89 154 eP       49 55.20  -0.4
CNB     62.03 154 eP       49 56.20  -0.4
TOO     62.56 158 eP       50 00.00   0.0
ANM     64.20  27 eP       50 11.30   0.8
KER     65.64 299 eP       50 22.00   1.5
SDN     66.46  38 eP       50 22.69  -2.4
        0.5s     30.13nm           5.7mb
KIV     67.60 310 eP       50 33.40   0.6
        1.0s     12.00nm           5.0mb
                e          50 43.10  31km
                e          50 55.10
                eS         59 31.70
BRW     67.80  20 eP       50 33.23  -0.2
TTA     68.33  29 eP       50 36.18  -0.7
        0.5s      5.72nm           5.0mb
SVW     68.64  31 eP       50 38.73  -0.1
        0.8s     35.34nm           5.6mb
IMA     69.11  26 ePc      50 41.20  -0.6
        0.8s      6.30nm           4.8mb
MOS     69.34 323 eP       50 47.00   3.9X
                e          51 03.00  58kmX
LVZ     69.47 336 (P)      50 49.70   5.9X
                eS         59 43.80
SOC     69.79 310 eP       50 50.00   3.9X
AUP     69.92  33 (P)      50 45.47  -1.3
OBN     70.00 322 eP       50 43.00  -4.2X
      Z  16s      1.00um           5.2MszX
      N  14s      0.60um
      E  18s      0.60um
                e          50 58.00  54kmX
                e          51 10.00
CP2     70.26  31 eP       50 48.06  -0.9
KDC     70.62  35 eP       50 49.23  -1.7
        1.3s     49.87nm           5.5mb
ANN     71.26 312 eP       50 54.00  -1.0
SLKM    71.35  31 eP       50 53.29  -2.0
PMR     71.68  30 eP       50 55.61  -1.6
        1.0s     16.45nm           5.1mb
FBA     71.70  27 eP       50 56.11  -1.2
        0.8s      2.67nm           4.4mb
SDF     72.66 336 eP       51 07.00   4.0X
TOA     72.96  29 eP       51 05.00   0.1
        0.8s     29.70nm           5.4mb
KLU     73.21  30 eP       51 05.38  -1.0
KAF     73.94 331 iP       51 12.40   2.0
        0.5s      2.90nm           4.6mb
BALM    75.00  30 (P)      51 16.81   0.0
MNK     75.40 322 eP       51 12.00  -7.0X
INK     76.23  22 eP       51 23.00  -0.5
        1.0s      6.00nm           4.6mb
MBC     76.41  12 eP       51 24.00  -0.4
        1.0s      8.00nm           4.7mb
                pP         51 35.50  38kmX
UPP     78.66 330 iP       51 33.80  -3.2X
DAG     79.56 351 iPd      51 40.60  -1.1
        1.5s     30.56nm           5.1mb
SIT     79.74  33 eP       51 43.01   0.1
        0.5s      7.07nm           4.9mb
UZH     80.17 318 eP       51 51.50   6.0X
                e          52 07.00  55kmX
HFS     80.36 331 eP       51 48.30   2.1
        0.5s      5.70nm           4.9mb
      Z  16s      0.97um           5.2MszX
                LR         24 00.00
NB2     81.05 332 P        51 48.60  -1.4
        0.6s      2.90nm           4.5mb
SPC     81.23 319 eP       51 52.40   1.1
RES     81.85   9 eP       51 54.50   0.7
        1.0s      8.00nm           4.7mb
OKC     82.25 320 e(P)     52 09.80  13.4X
VAY     82.59 311 eP       51 55.50  -2.8X
SRO     82.95 319 eP       52 12.00  12.0X
SKO     83.14 312 eP       52 02.50   1.3
                i          52 09.00  21km
ZST     83.54 319 eP       52 01.60  -1.4

BRG     84.26 323 iP       52 14.40   7.8X
        1.0s     12.00nm           5.1mb
      Z  18s      0.90um           5.2Msz
      N  18s      0.50um
      E  18s      1.10um
                e          52 21.30  22km
PRU     84.31 322 eP       52 14.60   7.7X
      Z  16s      0.40um           4.9MszX
                e          52 19.70  16km
                i          52 26.70
CLL     84.60 323 eP       52 08.00  -0.3
                i          52 22.70  51kmX
PTJ     85.21 317 iP       52 12.10   0.5
KHC     85.25 321 eP       52 12.50   0.8
        1.0s      8.90nm           4.9mb
      Z  16s      0.70um           5.1MszX
      N  16s      0.30um
      E  16s      0.20um
                e          52 19.00  20km
                e          52 25.50
                e          52 37.00
GEC2    85.31 321 P        52 12.80   0.8
        0.9s      8.71nm           5.0mb
                e          52 15.50   9kmX
                e          52 19.50
                e          52 26.70
                e          52 31.80
                e          55 47.90
                e          55 53.60
MOX     85.68 323 e(P)     52 21.00   7.2X
      Z  18s      0.40um           4.9Msz
YKA     85.96  23 eP       52 14.70  -0.2
        0.5s      4.40nm           4.9mb
GRF     86.36 322 e(P)     52 25.20   8.1X
        2.0s     59.90nm           5.5mb
VOY     86.45 318 e(P)     52 23.30   5.5X
                e          52 49.70 100kmX
CDF     89.25 322 eP       52 37.20   6.0X
        1.3s     14.80nm           5.1mb
BSF     89.83 322 eP       52 39.50   5.6X
        0.6s      1.80nm           4.5mb
HAU     89.99 322 eP       52 40.50   5.9X
        0.6s      2.80nm           4.7mb
      Z  20s      0.45um           4.9Msz
EKA     90.53 332 P        52 41.47   4.6X
        0.6s      1.20nm           4.4mb
LPG     91.07 320 eP       52 46.60   6.6X
        0.9s      5.55nm           4.9mb
LPL     91.08 320 eP       52 46.60   6.7X
        0.7s      5.75nm           5.0mb
RMW     91.57  37 eP       52 42.10   0.1
LOR     91.80 323 eP       52 48.70   5.8X
        1.3s     11.20nm           5.1mb
      Z  18s      0.47um           5.0Msz
LBF     91.89 322 eP       52 49.30   5.9X
        1.0s      8.40nm           5.1mb
SSF     92.12 323 eP       52 50.30   5.9X
        1.3s     10.10nm           5.1mb
SMF     92.16 322 eP       52 49.80   5.2X
        1.1s     10.75nm           5.2mb
AVF     92.36 323 eP       52 51.40   6.0X
        0.8s      5.10nm           5.0mb
MAF     93.13 322 eP       52 55.40   6.4X
        1.0s      5.60nm           4.9mb
NEW     93.68  35 eP       52 51.18  -0.4
        0.8s      4.02nm           4.9mb
FRB     95.24   4 eP       52 58.00  -0.4
        0.7s      3.00nm           4.8mb
ORV     96.12  44 e(P)     53 19.36  16.4X
      Z  19s      0.10um           4.3Msz
                ePPc       57 14.36
                eS         04 39.36
                ePS        05 54.36
                eSS        11 36.36
                e          14 56.36
                iLQ        20 13.36
                eLR        24 15.36
LPAZ   170.07  64 ePKP     59 43.82   0.0
LPB    170.21  65 PKP      59 44.00   0.4
CCH    172.27  64 ePKP     59 45.00   0.6
      S.D. - 1.1  on 114 of 161 obs.
---------------------------------------
% JUN 02, 1994  05h 39m 02.05± 1.08s
  11.929 N ± 5.9km   60.777 W ±15.7km
  DEPTH -  33.0km  (normal)
 WINDWARD ISLANDS                  ( 95)
   MD 3.1 (TRN).

BOT      0.76 176 eP       39 16.28   0.0
                  eS       39 28.50
GRW      0.89 285 eP       39 18.23  -0.1
                  eS       39 31.70
SVB      1.41 341 eP       39 25.72   0.0
                  eS       39 43.97
TRN      1.41 206 eP       39 25.44  -0.2
SVV      1.45 343 eP       39 26.15   0.0
                  eS       39 44.84
TCE      1.55 218 eP       39 28.01   0.3
                  eS       39 47.75
      S.D. - 0.2  on   6 of   6 obs.
---------------------------------------
? JUN 02, 1994  06h 11m 40.74± 0.57s
  52.157 N ±12.5km  159.334 E ±12.2km
  DEPTH -  33.0km  (normal)
  4.5mb (  8 obs.)
 OFF EAST COAST OF KAMCHATKA       (219)

MAT     21.60 232 (P)      16 30.00   0.4
YKA     44.17  42 eP       19 58.30  10.8X
        0.6s      0.70nm
KAF     60.16 337 iP       21 46.20  -0.8
        0.5s      3.50nm           4.7mb
RSSD    60.32  55 eP       21 48.75   0.2
        0.7s      3.29nm           4.6mb
PV10    61.76  63 (P)      21 58.78   0.3
NUR     61.96 337 iP       21 42.00 -17.1X
        0.2s      0.90nm
NB2     64.31 343 P        22 14.40  -0.3
        0.6s      2.00nm           4.4mb
HFS     64.70 342 eP       22 16.10  -1.1
        0.4s      7.40nm           5.1mb
      Z  18s      0.03um           3.6Msz
                  LR       48 20.00
LTX     71.44  66 (P)      22 59.37  -0.4
CLL     73.06 339 eP       23 24.00  15.2X
GBA     74.42 272 P        23 17.00  -0.2
KHC     74.97 337 eP       23 21.00   1.0
        1.0s      3.50nm           4.3mb
                  e        23 35.50
GRF     74.97 339 eP       23 35.90  15.9X
WRA     75.03 204 P        23 20.10  -0.5
        0.7s      0.60nm           3.7mb
GEC2    75.20 337 P        23 21.70   0.3
        0.5s      0.99nm           4.1mb
                  e        23 26.00
                  e        23 28.30
                  e        23 31.90
                  e        23 37.00
                  e        23 38.00
                  e        23 41.00
KBA     76.94 337 iPc      23 32.50   1.2
        0.7s      9.30nm           4.9mb
                  i        23 48.20
CDF     77.01 341 eP       23 47.20  15.6X
        0.9s      4.60nm
HAU     77.58 342 eP       23 50.20  15.5X
        0.6s      3.45nm
LOR     78.75 343 eP       23 56.70  15.6X
        0.7s      4.50nm
SSF     79.01 343 eP       23 59.10  16.6X
        0.8s      3.65nm
AVF     79.30 343 eP       24 00.00  16.0X
        0.8s      5.10nm
SMF     79.36 343 eP       24 00.30  15.9X
        0.8s      4.45nm
TCF     79.99 344 eP       24 04.00  16.2X
        0.8s      4.15nm
MAF     79.99 344 eP       24 04.20  16.4X
        0.7s      6.15nm
      S.D. - 0.7  on  12 of  24 obs.
---------------------------------------
? JUN 02, 1994  07h 10m 34.77± 4.18s
  62.069 N ±14.0km    3.878 E ±33.5km
  DEPTH -   5.0km  (geophysicist)
 NORWEGIAN SEA                     (642)
   MD 2.0 (BER).

FOO      0.73 130 eP       10 49.29   0.0
                  eS       10 58.91
SUE      1.10 157 eP       10 55.83   0.0
                  eS       11 13.18
HYA      1.43 128 eP       11 01.39   0.1
                  eS       11 20.27
MOL      1.79  72 eP       11 06.42   0.0
                  eS       11 28.05
```

02d 07h

S.D. = 0.1 on 4 of 4 obs.

% JUN 02, 1994 07h 31m 06.90± 0.77s
39.141 N ± 6.1km 27.558 E ± 7.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.78 197 ePg 31 22.10 0.0
esg 31 34.50
DST 0.95 60 ePn 31 24.80 -0.2
EZN 1.17 306 iPn 31 28.90 0.1
EDC 1.23 11 ePn 31 30.00 0.3
BNT 1.25 13 ePn 31 30.50 0.5
KCT 1.27 29 ePn 31 30.50 0.1
KGT 1.32 352 ePn 31 30.60 -0.7
S.D. = 0.5 on 7 of 7 obs.

JUN 02, 1994 07h 34m 52.63± 0.71s
35.238 N ± 7.2km 3.901 W ± 8.4km
DEPTH = 33.0km (normal)
STRAIT OF GIBRALTAR (385)
MD 2.8 (RBA).

EMEL 0.77 85 eP 35 08.17 1.1
eS 35 20.70
TAF 1.29 109 ePg 35 14.00 -0.5
eSg 35 32.00
PLAT 1.75 301 eP 35 28.00 6.8X
ERON 1.78 2 eP 35 21.35 -0.3
ELOJ 1.92 354 eP 35 22.46 -1.2
ALJ 1.99 317 eP 35 26.00 1.3
IFR 1.99 211 ePn 35 25.00 0.1
iSn 35 50.00
TIO 5.14 214 ePn 36 09.00 -0.5
iSn 37 07.00
S.D. = 1.1 on 7 of 8 obs.

? JUN 02, 1994 08h 02m 56.61± 4.33s
19.807 S ±14.3km 170.636 E ±48.0km
DEPTH = 33.0km (normal)
4.0mb (2 obs.)
VANUATU ISLANDS (186)

BKM 3.11 313 iP 03 44.50 0.0
DZM 4.52 239 iPc 04 04.10 -0.5
iS 04 51.40
NOUC 4.65 240 iPc 04 06.90 0.6
iS 04 55.50
WB2 34.08 263 eP 09 41.00 0.6
1.1s 2.90nm 4.1mb
WRA 34.09 263 P 09 40.00 -0.5
0.6s 0.80nm 3.8mb
ASPA 34.28 257 iPd 09 42.00 -0.1
0.5s 14.40nm 5.2mb X
GEC2 145.60 333 PKP 22 37.70 4.5X
0.8s 0.83nm
e 22 39.50
SKO 145.84 317 ePKP 22 38.00 4.3X
S.D. = 0.6 on 6 of 8 obs.

% JUN 02, 1994 08h 24m 01.13± 0.83s
39.102 N ± 6.9km 27.587 E ± 8.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.75 200 ePg 24 15.70 -0.1
eSg 24 28.10
DST 0.95 58 iPn 24 19.70 0.4
EZN 1.22 307 ePn 24 23.90 0.2
EDC 1.26 10 ePn 24 25.00 0.4
BNT 1.28 11 ePn 24 24.50 -0.4
KCT 1.29 27 ePn 24 24.50 -0.6
S.D. = 0.5 on 6 of 6 obs.

% JUN 02, 1994 08h 24m 42.79± 1.02s
39.151 N ± 7.5km 27.683 E ±12.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.82 204 ePg 24 58.70 0.0
eSg 25 11.60
EDC 1.20 7 ePn 25 05.00 -0.2
KCT 1.21 25 ePn 25 05.50 0.1
BNT 1.22 9 ePn 25 05.50 0.1
EZN 1.25 303 ePn 25 06.00 0.0
S.D. = 0.2 on 5 of 5 obs.

JUN 02, 1994 08h 31m 13.79± 0.42s
44.354 N ± 4.1km 7.370 E ± 3.5km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.5 (GEN).

STV 0.11 197 P 31 17.05 0.3
S 31 18.84
ENR 0.13 164 P 31 17.28 0.2
S 31 19.25
PZZ 0.24 308 P 31 19.89 0.8
S 31 23.91
ISO 0.29 234 iPgc 31 19.29 -0.5
eSg 31 22.03
ROB 0.36 99 P 31 21.86 0.6
S 31 27.11
FOUF 0.46 293 ePg 31 23.06 0.0
i 31 23.21
eSg 31 29.64
BHB 0.49 351 P 31 23.46 -0.4
S 31 29.91
FIN 0.62 103 P 31 25.66 -0.6
S 31 33.49
RRL 0.70 324 P 31 27.67 -0.2
S 31 37.20
PCP 0.86 77 P 31 30.35 -0.1
S 31 41.16
CDR 1.34 240 eP 31 38.40 -0.1
e 31 55.10
S.D. = 0.5 on 11 of 11 obs.

? JUN 02, 1994 08h 33m 25.20± 6.23s
19.054 N ±55.5km 66.449 W ±10.8km
DEPTH = 33.0km (normal)
PUERTO RICO REGION (90)

MCP 0.89 225 P 33 41.50 0.2
LPR 0.92 143 P 33 41.80 -0.1
S 33 54.60
CLLP 0.98 187 P 33 42.70 0.1
SJG 0.98 163 iP 33 42.70 0.0
S 33 56.70
CPD 1.13 153 P 33 44.80 0.0
MGP 1.21 210 P 33 45.50 -0.3
S.D. = 0.2 on 6 of 6 obs.

? JUN 02, 1994 09h 45m 24.38± 5.34s
11.274 N ±71.4km 87.257 W ±24.4km
DEPTH = 33.0km (normal)
4.4mb (6 obs.)
NEAR COAST OF NICARAGUA (74)
LTX 23.60 322 eP 50 34.12 0.7
1.1s 8.05nm 4.2mb
MIAR 23.87 347 iPd 50 36.26 0.5
0.9s 14.02nm 4.5mb
MEO 25.58 338 iPd 50 52.10 -0.1
CEH 25.60 15 eP 50 54.04 1.7
0.6s 10.22nm 4.6mb
WMOK 25.61 338 eP 50 51.75 -0.7
1.2s 11.28nm 4.3mb
TUL 25.72 344 iPd 50 53.50 0.1
OCO 25.86 341 iPd 50 53.00 -1.8
PV10 33.27 328 (P) 52 00.52 -0.8
SRU 34.60 327 (P) 52 12.68 0.0
ULM 39.50 351 eP 52 59.00 5.4X
MCMT 40.00 331 ePc 52 59.60 1.5
e 53 10.20
LRM 40.57 333 eP 53 04.20 1.5
JAQ 43.41 10 ePd 53 24.30 -1.2
FRB 54.04 10 eP 54 47.50 0.0
1.0s 4.00nm 4.4mb
YKA 54.79 345 eP 54 51.70 -1.4
0.9s 1.30nm 4.0mb
Z 20s 0.05um 3.6Msz
LR 22 36.00
S.D. = 1.2 on 14 of 15 obs.

& JUN 02, 1994 10h 10m 58.58s
48.895 N 129.081 W
DEPTH = 10.0km (geophysicist)
3.6mb (2 obs.)
VANCOUVER ISLAND REGION (25)
<PGC-P>.
EDB 1.61 52 Pn 11 24.93 -2.2
eSn 11 44.28
ETB 1.74 73 ePn 11 27.11 -1.8
HOLB 1.85 19 ePn 11 28.37 -2.3
PHC 2.11 30 ePn 11 32.42 -1.8
eSn 11 55.87
GDR 2.18 65 Pn 11 33.10 -2.3
OZB 2.37 87 ePn 11 35.45 -2.7
BTB 2.40 75 Pnc 11 36.81 -1.9
eSn 12 06.00
CBB 2.68 63 Pnc 11 40.98 -1.5
ALB 2.82 81 ePn 11 42.02 -2.4
MGB 2.90 86 ePn 11 42.90 -2.8
PFB 3.09 94 ePn 11 45.87 -2.4
NAB 3.36 82 ePn 11 50.61 -1.5
SHB 3.48 76 ePn 11 52.05 -1.9
PGC 3.73 92 ePn 11 54.78 -2.6
WPB 3.92 77 ePn 11 58.25 -1.8
MCW 4.14 91 eP 12 00.66 -2.5
BMW 4.64 119 eP 12 11.74 1.4
LON 5.35 111 eP 12 19.80 -0.6
SHW 5.36 118 eP 12 21.68 1.0
NEW 7.96 90 eP 12 54.61 -2.5
0.4s 1.92nm 4.7mb X
DAU 15.23 117 eP 14 38.35 2.8
MSU 16.00 124 eP 14 49.91 4.5
SRU 16.51 119 eP 14 55.73 3.9
PV09 17.73 118 eP 15 10.39 3.1
RSSD 17.85 96 eP 15 09.56 0.8
0.7s 3.87nm 3.6mb
PV10 17.86 119 eP 15 11.57 2.7
CP2 18.01 322 iPd 15 17.92 7.4
ULM 21.48 74 eP 15 53.50 4.4
ALQ 21.75 121 eP 15 55.03 2.8
0.9s 2.64nm 3.7mb
29 obs. associated

% JUN 02, 1994 10h 28m 10.32± 0.99s
39.118 N ± 7.5km 27.593 E ±12.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.76 200 ePg 28 25.20 -0.1
eSg 28 36.40
EZN 1.21 306 ePn 28 33.00 0.2
EDC 1.24 10 ePn 28 33.00 -0.4
BNT 1.26 11 ePn 28 33.50 -0.3
KCT 1.27 27 ePn 28 34.50 0.5
S.D. = 0.5 on 5 of 5 obs.

& JUN 02, 1994 10h 28m 45.87s
63.036 N 150.675 W
DEPTH = 121.2km
CENTRAL ALASKA (1)
<AEIC>.

TRF 0.45 23 iP 29 03.79 -0.4
eS 29 17.33
HUR 0.48 97 eP 29 03.56 -0.5
eS 29 16.80
KTH 0.53 348 eP 29 04.18 -0.3
eS 29 17.53
CUT 0.66 163 iP 29 04.98 -0.3
eS 29 19.81
RND 0.91 65 eP 29 07.02 -0.5
eS 29 22.97
MCK 1.05 47 eP 29 08.48 -0.4
eS 29 26.53
BWN 1.26 25 eP 29 11.12 0.1
PWA 1.44 165 P 29 13.00 0.0
GHO 1.51 146 eP 29 13.62 -0.3
eS 29 35.15
PLRM 1.62 153 eP 29 14.84 -0.3
eS 29 36.79
PMR 1.62 153 eP 29 14.70 -0.4
SML 1.65 137 eP 29 14.70 -0.8
eS 29 37.58
NEA 1.70 24 eP 29 15.36 -0.8
NCG 1.78 204 eP 29 16.77 -0.4
WRH 1.84 37 eP 29 17.28 -0.6
CGLM 1.84 200 eP 29 18.80 0.8
PMS 1.87 163 P 29 18.00 -0.3
S 29 42.40
CRP 1.91 202 eP 29 19.64 0.8
CP2 1.92 203 eP 29 19.40 0.3
KNK 1.93 146 eP 29 18.18 -0.8

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              eS    29 43.56
CKN     1.95 202 eP   29 21.03   1.7
SCM     1.97 126 eP   29 18.51  -1.0
SPU     1.97 200 eP   29 19.20  -0.3
CKT     1.98 202 eP   29 20.91   1.3
MLY     2.00 359 eP   29 19.26  -0.7
CCB     2.06  37 eP   29 19.79  -0.7
BKG     2.11 201 eP   29 21.24  -0.1
HDA     2.15  49 eP   29 20.83  -0.9
MDM     2.21  28 eP   29 21.82  -0.7
THY     2.26  78 eP   29 24.36   1.1
FBA     2.26  33 eP   29 22.12  -1.0
TOA     2.28 112 P    29 23.20  -0.3
NKA     2.32 187 eP   29 26.59   2.7
PAX     2.38  89 eP   29 24.28  -0.5
SDG     2.41 100 eP   29 24.52  -0.6
IL1     2.42  42 eP   29 24.10  -1.1
ILB     2.42  42 eP   29 24.11  -1.1
GLM     2.44  35 eP   29 24.68  -0.8
TTA     2.44 270 ePd  29 24.47  -1.1
DJE     2.45  64 eP   29 26.49   0.9
SLKM    2.55 175 eP   29 26.87   0.0
RDT     2.60 199 eP   29 28.76   1.1
KLU     2.71 123 eP   29 27.30  -1.8
RS2     2.77 202 eP   29 26.74  -3.2
VLZ     2.80 131 eP   29 28.15  -2.0
NNL     3.02 186 eP   29 34.54   1.4
SVW     3.03 232 eP   29 31.45  -1.8
FID     3.03 137 eP   29 31.76  -1.6
DOT     3.04  75 P    29 32.43  -1.0
IM3     3.24 337 eP   29 35.18  -0.9
IMA     3.31 338 iPd  29 36.10  -1.0
HIN     3.31 141 eP   29 35.58  -1.4
CVA     3.42 135 eP   29 36.98  -1.5
TMW     3.49  82 eP   29 37.95  -1.5
CNPM    3.53 185 eP   29 39.38  -0.6
GLB     3.59 113 eP   29 39.46  -1.3
BCA3    4.05  86 eP   29 45.28  -1.7
CDD     4.37 201 eP   29 51.22  -0.1
BALM    4.41 113 eP   29 50.07  -1.8
BM3     5.09  27 eP   29 59.67  -1.4
       60 obs. associated
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% JUN 02, 1994  10h 53m 47.10± 0.81s
  40.424 N ± 6.4km    23.068 E ± 6.2km
  DEPTH =  10.0km  (geophysicist)
 GREECE                         (364)

THE     0.22 339 ePg  53 51.80  -0.1
             eSg  53 53.92
SOH     0.45  29 ePg  53 56.62   0.3
             eSg  54 01.68
LIT     0.55 234 ePg  53 58.20   0.0
OUR     0.70  97 iPg  54 00.90  -0.1
GRG     0.73 317 ePg  54 01.80   0.3
             eSg  54 11.04
KNT     0.75 350 iPg  54 01.33  -0.4
             eSg  54 11.22
     S.D. = 0.3  on   6 of   6 obs.
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  JUN 02, 1994  11h 36m 00.20± 0.44s
  19.235 S ± 3.0km  169.474 E ± 3.6km
  DEPTH = 268.2 ±  4.3 km
  5.0mb ( 42 obs.)
 VANUATU ISLANDS                (186)

PVC     1.85 323 iP   36 43.00  -0.3
             iS   37 15.50
BKM     1.95 323 iPd  36 43.00  -1.1
             iS   37 15.50
DZM     4.00 225 iPc  37 06.00   0.6
             iS   37 52.00
NOUC    4.12 226 iPc  37 07.60   1.0
             iS   37 56.20
VUN     8.61  83 iP   38 02.00   0.0
HNR    13.42 315 iP   39 03.00   1.1
OUZ    16.34 168 Pc   39 36.10  -0.1
WCZ    17.19 167 P    39 45.90   0.6
KUZ    18.29 164 P    39 56.00  -0.7
ARMA   19.63 232 iPd  40 12.10   1.6
     0.4s    15.00nm        4.8mb
             e    40 55.00
MOZ    19.75 168 P    40 12.00   0.5
PUZ    20.27 160 P    40 15.70  -0.9
RIV    21.85 225 e(P) 40 34.00   2.0
             e    41 22.40
CTA    21.88 264 iPd  40 34.50   2.1

       1.3s   336.54nm         5.6mb
                  i     40 39.00
                  ePP   41 16.00
                  iS    44 19.50
MNG    21.93 168 P    40 33.10   0.4
KIW    22.05 169 P    40 34.10   0.2
TCW    22.29 170 P    40 36.80   0.6
CAW    22.32 169 P    40 36.30  -0.2
MRW    22.38 170 P    40 36.60  -0.5
MTW    22.45 168 P    40 37.20  -0.6
SNZO   22.45 170 P    40 37.00  -0.7
THZ    22.65 173 P    40 40.40   0.7
AMW    22.65 168 P    40 39.40  -0.3
BLW    22.65 168 P    40 38.40  -1.3
MOW    22.66 169 P    40 39.10  -0.7
LTZ    23.59 175 P    40 48.00  -0.6
PMG    23.70 291 eP   40 50.00   0.3
CNB    23.93 224 iPd  40 53.00   1.2
                  e     41 40.00
BWA    24.05 227 iPd  40 51.90  -1.0
                  e     41 35.50
CAN    24.17 224 iPd  40 54.70   0.7
                  e     41 43.00
LAT    25.17 297 ePd  41 04.00   0.7
BWZ    25.23 179 P    41 02.90  -0.6
WHZ    26.62 182 P    41 15.60  -0.5
TOO    27.78 224 iPd  41 27.10   0.4
       0.4s    25.00nm         5.2mb
                  e     42 12.60
STKA   28.03 238 iPd  41 29.20   0.2
                  e     42 18.70
                  i     42 23.80
ADE    31.39 234 eP   41 58.40   0.0
WB2    33.06 263 iPc  42 11.90  -1.1
       0.6s    12.80nm         4.7mb
                  e     43 37.10
                  iPcP  44 49.30
                  eScP  47 13.20
WRA    33.07 263 P    42 12.10  -0.9
       1.2s    17.80nm         4.5mb
ASPA   33.35 256 iPd  42 15.00  -0.4
       0.4s   430.40nm         6.4mb X
                  i     43 03.10
                  i     43 09.10
                  iS    47 15.30
MTN    37.34 274 iPc  42 59.00  10.0X
       0.4s   104.00nm
KNA    38.92 269 eP   43 02.00   0.0
FORT   39.05 245 eP   43 03.00   0.0
WARB   39.97 252 eP   43 11.00   0.4
       0.4s    10.00nm         4.6mb
COOL   44.98 245 eP   43 50.00  -0.9
MBL    46.48 259 iPd  44 03.00   0.2
       0.4s    29.00nm         5.0mb
MEEK   47.17 251 iPd  44 07.80  -0.3
       0.4s    49.00nm         5.2mb
KLB    47.91 245 eP   44 12.50  -1.2
       0.4s    17.00nm         4.7mb
NWAO   48.41 243 eP   44 16.50  -1.1
BAL    48.79 246 eP   44 20.00  -0.5
MUN    49.24 244 eP   44 23.00  -0.9
MRWA   49.41 248 eP   44 24.30  -0.9
NANU   50.28 256 iPc  44 32.20   0.3
       0.4s    10.00nm         4.6mb
LEM    61.23 273 iPc  45 51.00   1.1
KAKJ   61.72 333 P    45 50.50  -1.8
CHJJ   62.09 332 P    45 54.40  -0.5
IIDJ   62.10 331 P    45 54.20  -0.8
MAT    62.85 332 iPc  45 59.00  -0.9
       0.5s     7.04nm         4.6mb
                  eS    54 12.00
MTMJ   63.07 332 P    46 00.70  -0.7
NIIJ   63.09 333 P    46 01.00  -0.4
YAMJ   63.45 334 eP   46 03.90   0.2
OFUJ   63.58 336 eP   46 04.10  -0.5
KUSJ   66.08 340 eP   46 19.50  -0.9
ASAJ   67.66 339 eP   46 31.00   0.7
YSS    70.22 341 (P)  46 46.00   0.2
SPA    70.88 180 iPc  46 49.00  -0.9
       0.6s     3.25nm         4.2mb
SMY    71.77   3 ePc  46 54.30  -0.6
       0.7s    78.10nm         5.5mb
ADK    71.84   9 eP   46 54.30  -1.1
       1.1s   105.20nm         5.5mb
KMI    78.46 302 eP   47 35.00   1.4
       0.8s    20.00nm         4.9mb
                  pP    47 42.00  22kmX

SDN    78.55  17 eP    47 31.32  -1.7
       0.5s    17.22nm          5.1mb
CHTO   78.85 294 ePd   47 37.00   1.5
       1.0s    12.00nm          4.6mb
KDC    82.95  19 eP    47 55.77  -0.2
       0.7s    17.93nm          4.9mb
SVW    84.83  16 eP    48 04.38  -1.1
       0.9s    64.67nm          5.5mb
STAN   85.44  48 iPc   48 09.69   0.8
       1.1s   170.00nm          5.8mb
BKS    85.62  48 iPc   48 10.26   0.5
       1.1s   160.00nm          5.8mb
SAO    85.66  49 iPc   48 10.23   0.2
       1.1s    70.00nm          5.4mb
ANM    85.76  11 eP    48 10.70   0.8
MHC    85.78  48 iPc   48 11.24   0.5
       1.1s   100.00nm          5.5mb
SLKM   85.87  19 eP    48 09.08  -1.5
BCH    85.91  51 eP    48 10.80  -0.6
TTA    86.27  15 eP    48 11.56  -1.0
       0.8s     4.78nm          4.4mb
ABL    86.40  51 eP    48 14.25   0.3
WDC    86.70  45 iPc   48 15.45   0.5
       1.3s    90.00nm          5.5mb
ORV    86.92  46 iPc   48 16.20   0.2
       1.2s    70.00nm          5.4mb
CMB    86.99  48 iPc   48 16.55   0.1
       1.1s    60.00nm          5.4mb
PMR    87.06  18 eP    48 15.52  -0.6
       0.6s     5.94nm          4.6mb
YBH    87.14  44 iPc   48 17.71   0.6
       1.1s    70.00nm          5.4mb
MIN    87.22  46 iPc   48 17.40  -0.2
       1.4s    80.00nm          5.4mb
SSK    87.26  52 eP    48 18.18   0.2
ISA    87.31  51 iPc   48 18.52   0.5
       0.9s    53.10nm          5.4mb
ILT    87.32   4 iPc   48 17.10  -0.1
       1.2s    62.00nm          5.3mb
                  iS    58 34.40
LMEM   87.33  45 eP    48 19.57   1.3
PEC    87.52  53 eP    48 18.98  -0.1
       0.9s    39.46nm          5.3mb
PLM    87.52  54 ePc   48 19.75   0.4
CSP    87.55  52 eP    48 19.48   0.2
GSC    88.38  52 eP    48 23.58   0.3
BALM   88.82  21 eP    48 23.28  -1.5
GLA    88.95  54 ePc   48 26.70   0.8
BMW    89.12  40 eP    48 27.01   0.6
VBEM   89.45  41 P     48 28.23   0.2
IMA    89.46  14 eP    48 26.68  -1.0
       1.1s     5.61nm          4.4mb
SHW    89.59  40 eP    48 29.47   0.8
STW    89.68  38 P     48 29.66   0.8
CROR   89.79  42 P     48 29.68   0.1
VIPM   89.80  42 P     48 30.01   0.3
GMW    89.91  39 eP    48 30.43   0.5
ASR    89.96  40 P     48 30.65   0.3
FBA    90.01  17 eP    48 27.78  -2.2
       0.8s     1.97nm          4.1mb
LON    90.11  40 eP    48 30.79  -0.2
VGB    90.17  41 eP    48 31.47   0.3
FMW    90.28  40 P     48 32.21   0.3
ZAK    90.42 324 eP    48 32.00  -0.1
       1.2s    14.00nm          4.8mb
                  e     49 32.10
MCW    90.43  38 eP    48 32.08  -0.3
RMW    90.45  39 ePc   48 32.78   0.3
JCW    90.72  39 P     48 34.03   0.3
JBO    90.73  42 P     48 33.86   0.1
EBG    90.94  40 P     48 35.28   0.5
WTV    91.67  40 P     48 39.11   1.0
TUC    91.82  56 eP    48 40.93   1.8
       1.0s    19.83nm          5.0mb
LNOR   91.89  42 P     48 39.83   0.7
NEW    93.63  40 eP    48 46.75  -0.3
       1.1s     6.89nm          4.7mb
HVU    93.87  47 eP    48 49.00   0.5
HHAI   94.71  46 eP    48 54.10   1.8
MCMT   94.97  44 eP    48 55.90   2.3
ALQ    96.11  55 eP    48 57.97  -1.0
       0.8s     1.78nm          4.4mb
                  pP    49 24.20  97kmX
BW06   96.45  47 eP    48 59.58  -0.8
       1.0s     4.61nm          4.7mb
INK    96.47  18 eP    48 59.00  -0.5
       0.9s     2.00nm          4.4mb
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02d 11h

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LTX    96.57  61 eP     49 01.22   0.2
YKA   100.56  27 ePdiff49 16.80  -1.3
   0.5s      3.10nm          5.0mb
BAO   129.41 131 ePKP   54 37.50  -1.9
KAF   130.14 338 iPKP   54 37.80  -1.4
   0.6s      2.50nm
NUR   131.81 338 iPKP   54 41.50  -0.9
   0.4s      3.80nm
NB2   135.50 345 PKP    54 41.40  -8.1X
   0.5s      1.00nm
SOB1  138.83 131 (PKP)  54 45.00 -12.1X
SPC   141.24 328 ePKP   54 56.00  -4.6X
BRG   142.96 334 ePKP   54 59.60  -3.7X
CLL   143.00 335 ePKP   54 59.00  -4.3X
PRU   143.38 333 ePKP   55 01.00  -3.0X
ZST   143.46 329 ePKP   55 01.80  -2.4X
EKA   143.53 353 PKPc   55 00.37  -3.7X
   0.5s      1.50nm
SRS   143.66 314 ePKP   55 01.82  -3.0X
OUR   143.74 313 iPKP   55 02.10  -2.8X
SOH   143.96 314 ePKP   55 02.42  -3.0X
MOX   144.07 336 ePKP   55 03.30  -1.9
   1.2s     22.00nm
               e        56 07.40
KNT   144.11 315 ePKP   55 02.78  -2.8X
PAIG  144.12 312 iPKP   55 02.89  -2.7X
VAY   144.26 315 iPKP   55 03.80  -2.0
   1.0s     60.00nm
THE   144.31 314 ePKP   55 03.06  -2.8X
KHC   144.43 333 PKPc   55 04.50  -1.4
   1.0s     14.00nm
               e        56 07.50
               e        56 30.50
               e        58 44.00
GRG   144.54 315 ePKP   55 04.21  -2.1X
GEC2  144.59 332 PKP    55 05.00  -1.3
   0.5s     11.68nm
               e        55 06.50
               e        55 08.20
               PcP      55 14.10
SKO   144.68 317 iPKPc  55 06.00  -0.5
   1.0s     80.00nm
LIT   144.87 313 iPKP   55 05.33  -1.6
GRF   144.98 335 iPKP   55 06.30  -0.5
FNA   145.30 315 ePKP   55 07.02  -0.7
AGG   145.45 312 ePKP   55 06.78  -1.2
TNS   145.58 338 ePKPc  55 07.90   0.1
               i        55 11.90
PTJ   145.59 327 ePKP   55 07.60  -0.4
DCN   145.86 357 iPKPc  55 08.30   0.2
   1.0s     70.00nm
DLF   145.86 356 iPKPc  55 09.30   1.2
   1.0s     81.00nm
KBA   146.06 330 iPKPc  55 08.90   0.0
   0.4s      9.00nm
               i        56 13.30
               i        56 29.10
FUR   146.16 333 iPKPc  55 10.20   1.4
               e        56 14.50
               i        56 27.10
LJU   146.22 328 iPKP   55 10.20   1.3
               e        56 12.50
               e        56 14.50
VOY   146.54 329 iPKPc  55 10.70   1.1
               e        56 14.30
IGT   146.60 314 ePKP   55 11.10   1.3
SNF   146.64 343 PKPc   55 11.00   1.6
WATA  146.67 332 iPKPc  55 11.00   1.2
               i        56 15.30
WTTA  146.70 332 iPKPc  55 11.20   1.3
   0.5s      6.40nm
               i        56 15.70
WLF   146.83 340 iPKPc  55 12.18   2.4X
LANF  146.85 338 PKP    55 12.05   2.2X
MOTA  146.87 333 iPKPc  55 11.60   1.4
               i        56 16.10
SQTA  146.92 332 iPKPc  55 11.90   1.7
   0.4s     18.40nm
               i        56 16.30
DOU   146.93 342 PKPc   55 12.10   2.2X
ECP   146.96 355 ePKP   55 11.30   1.4
HVAR  147.06 322 iPKPc  55 11.60   1.2
WLS   147.49 338 PKP    55 13.30   2.3X
CDF   147.52 338 iPKPc  55 13.50   2.4X
   0.5s     10.55nm
FEL   147.70 336 PKP    55 13.89   2.5X
ECH   147.73 338 PKP    55 13.76   2.4X
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OSS   147.79 333 ePKPc 55 14.80   3.1X
MOF   148.05 337 PKP   55 14.67   2.7X
BCAO  148.06 246 iPKPc 55 16.00   3.1X
   0.8s     53.00nm
               i       56 21.00
BSF   148.18 338 iPKPc 55 14.90   2.7X
HAU   148.19 338 iPKPc 55 15.20   3.1X
   0.5s      9.55nm
LOMF  148.58 337 PKP   55 16.27   3.5X
TMA   148.79 334 ePKPc 55 16.80   3.5X
MMK   149.21 334 ePKPc 55 18.50   4.5X
DIX   149.41 335 ePKPc 55 19.00   4.7X
FLN   149.45 347 iPKPc 55 17.90   4.0X
   0.5s     11.35nm
LDF   149.53 346 iPKPc 55 18.00   3.9X
   0.6s      9.20nm
LOR   149.67 340 iPKPc 55 18.80   4.5X
   0.4s     10.35nm
LBF   149.88 340 ePKP  55 19.40   4.7X
GRR   149.88 347 ePKP  55 19.00   4.4X
   0.5s     11.35nm
SSF   149.96 341 iPKPc 55 19.60   4.8X
   0.5s     13.20nm
LSD   150.02 335 PKP   55 20.10   4.8X
LPL   150.14 335 iPKPc 55 20.60   5.2X
   0.7s     11.90nm
LPG   150.15 335 iPKPc 55 20.80   5.3X
   0.5s      6.65nm
PCP   150.17 332 PKP   55 19.14   3.9X
SMF   150.22 340 ePKP  55 20.00   4.8X
RSP   150.23 334 PKP   55 18.91   3.5X
AVF   150.25 341 ePKP  55 20.00   4.8X
LPF   150.26 347 iPKPc 55 20.10   5.0X
   0.4s     18.10nm
BHB   150.48 334 PKP   55 18.86   3.2X
FIN   150.58 332 PKP   55 20.05   4.2X
BGF   150.62 341 iPKPc 55 21.00   5.2X
   0.5s     12.30nm
RRL   150.61 334 PKP   55 21.42   5.3X
ROB   150.66 332 PKP   55 20.05   4.1X
PZZ   150.82 334 PKP   55 19.41   3.1X
TCF   151.05 342 iPKPc 55 22.00   5.5X
   0.6s     11.45nm
TOUF  151.16 333 PKP   55 22.69   5.8X
SBF   151.19 332 iPKPc 55 22.10   5.3X
   0.6s     11.65nm
LSF   151.28 342 iPKPc 55 22.20   5.4X
   0.5s     11.95nm
MFF   151.40 345 iPKPc 55 22.60   5.7X
   0.7s     11.35nm
PGF   151.49 329 iPKPc 55 23.20   5.9X
   0.5s     17.80nm
FRF   151.78 333 iPKPc 55 23.50   5.9X
   0.5s      7.50nm
LRG   151.99 333 iPKPc 55 24.30   6.4X
   0.8s     15.70nm
RJF   152.15 342 iPKPc 55 24.40   6.3X
   0.6s      5.30nm
LFF   152.71 342 ePKP  55 25.80   7.0X
   0.6s     12.55nm
LPO   152.81 342 iPKPc 55 26.20   7.2X
   0.7s      8.05nm
      S.D. = 0.9  on 155 of 218 obs.
--------------------------------------
? JUN 02, 1994  11h 48m 43.41± 1.22s
  60.480 N ± 7.6km     5.441 E ±11.0km
  DEPTH =   5.0km  (geophysicist)
 SOUTHERN NORWAY                  (535)
        MD 1.7 (BER).

ASK     0.12 271 iP     48 46.02   0.1
   0.4s    114.20nm
               iS       48 47.83
               e        48 48.89
EGD     0.24 207 eP     48 48.16   0.0
   0.4s     37.00nm
               e        48 55.14
SUE     0.67 330 eP     48 56.71  -0.1
HYA     0.78  28 eP     48 59.02   0.0
               eS       49 09.96
      S.D. = 0.1  on   4 of   4 obs.
--------------------------------------
% JUN 02, 1994  11h 56m 27.64± 0.58s
  43.124 N ± 7.3km     0.754 W ± 4.4km
  DEPTH =  10.0km  (geophysicist)
 PYRENEES                         (378)
        ML 1.0 (STR).
```

```
MADF    0.05 294 Pg      56 30.06   0.2
ATE     0.06 134 Pg      56 30.06   0.2
                 Sg      56 32.02
ISSF    0.10 197 Pg      56 30.84   0.4
                 Sg      56 33.55
ESCF    0.14 109 Pg      56 30.82  -0.1
                 Sg      56 33.50
ELYF    0.18 285 Pg      56 31.37  -0.3
BOH     0.19 264 Pg      56 31.95   0.0
OGE     0.21  78 Pg      56 32.34   0.1
LHE     0.23 155 Pg      56 32.30  -0.4
      S.D. = 0.3  on   8 of   8 obs.
---------------------------------------
% JUN 02, 1994  12h 10m 52.48± 0.99s
  39.252 N ± 7.5km    27.704 E ±11.7km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)
        ML 2.8 (ISK).

IZM     0.92 202 ePg     11 10.10   0.0
                 eSg     11 25.90
EDC     1.10   6 ePn     11 13.00  -0.1
BNT     1.11   9 ePn     11 13.50   0.1
KCT     1.12  27 iPn     11 13.40   0.0
EZN     1.21 299 ePn     11 15.00   0.0
      S.D. = 0.1  on   5 of   5 obs.
---------------------------------------
% JUN 02, 1994  12h 45m 46.79± 1.37s
  41.289 N ±18.5km    24.307 E ± 6.9km
  DEPTH =  10.0km  (geophysicist)
 GREECE-BULGARIA BORDER REGION     (363)

SRS     0.57 253 ePg     45 57.60  -0.7
                 eSg     46 06.88
SOH     0.86 237 ePg     46 04.08   0.7
KNT     1.07 264 ePg     46 07.04   0.1
                 iSg     46 23.44
ALN     1.37 106 ePb     46 11.96   0.1
                 eSb     46 30.88
PAIG    1.44 200 ePb     46 12.64  -0.3
GRG     1.48 258 ePb     46 13.56   0.1
      S.D. = 0.6  on   6 of   6 obs.
---------------------------------------
? JUN 02, 1994  12h 58m 59.97±10.33s
  41.732 N ±63.2km    22.259 E ±28.8km
  DEPTH =   5.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
        ML 1.8 (SKO).

VAY     0.47 150 iPg     59 09.80   0.4
   0.3s     60.00nm
                 iSg     59 15.60
KNT     0.75 140 ePg     59 14.50  -0.4
                 eSg     59 23.96
GRG     0.78 172 iPg     59 15.46  -0.2
SOH     1.23 137 iPg     59 23.44   0.1
                 eSg     59 39.52
      S.D. = 0.6  on   4 of   4 obs.
---------------------------------------
* JUN 02, 1994  13h 26m 08.87± 1.02s
  25.210 N ±10.5km    94.961 E ± 9.2km
  DEPTH = 102.3 ± 10.9 km
  4.5mb (  8 obs.)
 MYANMAR-INDIA BORDER REGION       (294)

SHL     2.81 278 iPnd    26 52.50  -0.5
                 iSn     27 23.50
KMI     7.05  89 eP      27 53.00   1.7
   0.8s     20.00nm            4.7mb
                 sP      28 04.00
                 eS      29 13.00
CHTO    7.36 149 iPnc    27 55.70   0.3
                 eSg     29 59.50
LZH    13.26  33 Pd      29 12.60  -1.7
   1.0s     22.00nm            4.6mb
                 pP      29 20.50
WB2    59.00 136 iPd     35 59.20  -1.1
   0.9s      5.60nm            4.7mb
WARB   59.55 147 eP      36 03.70  -0.2
ASPA   61.51 139 eP      36 16.50  -0.9
   1.3s      5.10nm            4.4mb
HFS    64.18 327 eP      36 34.80   0.4
   0.5s      8.60nm            4.9mb
NB2    65.29 328 P       36 41.90   0.3
   0.5s      0.50nm            3.7mb
GEC2   65.86 314 P       36 46.60   1.0
   0.6s      1.72nm            4.2mb
```

e 37 02.90
EKA 74.07 324 P 37 36.00 0.9
0.6s 2.00nm 4.1mb
BAO 144.10 278 ePKP 45 34.90 -0.1
S.D. = 1.1 on 12 of 12 obs.

JUN 02, 1994 13h 28m 52.03± 0.60s
39.964 N ± 5.7km 24.230 E ± 4.3km
DEPTH = 12.4 ± 4.3 km
AEGEAN SEA (365)
ML 3.5 (ATH).

OUR 0.42 333 ePg 29 02.10 1.5
eSg 29 10.22
PAIG 0.42 265 iPg 29 01.22 0.4
iSg 29 08.62
SOH 1.09 322 iPb 29 13.42 1.2
eSb 29 30.58
THE 1.17 305 ePb 29 14.34 0.6
eSb 29 31.22
SRS 1.25 337 ePb 29 15.33 0.3
eSb 29 35.94
LIT 1.34 276 ePb 29 16.62 0.1
eSb 29 34.30
RDO 1.55 40 ePn 29 18.10 -1.2
KNT 1.57 320 ePb 29 20.50 0.8
eSb 29 43.58
EZN 1.62 94 iPn 29 19.50 -0.9
MMB 1.67 347 iP 29 21.00 -0.1
ALN 1.67 56 ePb 29 19.50 -1.6
eSb 29 42.62
GRG 1.71 306 ePb 29 22.37 0.6
eSb 29 45.90
PRK 1.73 114 ePg 29 23.10 1.1
eSb 29 44.50
AGG 1.74 238 ePb 29 20.22 -2.1
iSb 29 41.94
RZN 1.76 12 iP 29 22.00 -0.6
VAY 1.85 318 iPn 29 23.70 -0.1
i 29 29.70
KDZ 1.91 28 iP 29 23.00 -1.6
KZN 1.92 281 ePn 29 27.40 2.6X
ATH 2.03 192 ePb 29 27.80 1.5
KKB 2.09 336 iP 29 27.00 -0.2
FNA 2.33 292 ePn 29 30.17 -0.6
KGT 2.40 77 ePn 29 27.00 -4.7X
MFT 2.47 70 ePn 29 34.40 1.6
EDC 2.81 81 ePn 29 41.00 3.5X
BNT 2.86 81 ePn 29 40.00 1.8
SKO 2.91 314 ePn 29 42.00 3.0X
IGT 3.04 263 iPn 29 39.14 -1.5
KCT 3.18 84 eP 29 49.40 6.7X
DMK 3.25 54 ePn 29 49.00 5.2X
S.D. = 1.2 on 23 of 29 obs.

JUN 02, 1994 14h 55m 05.97± 0.42s
54.012 N ± 7.5km 161.401 E ± 8.1km
DEPTH = 33.0km (normal)
4.6mb (19 obs.)
NEAR EAST COAST OF KAMCHATKA (218)

SKR 4.67 226 ePn 56 14.40 -1.5
Z 12s 0.80um
N 12s 0.80um
E 14s 0.80um
SMY 7.71 94 eP 56 52.57 -6.0X
MGD 8.40 321 ePn 57 13.00 4.8X
YSS 13.77 247 (P) 58 23.00 2.0
KUSJ 15.49 232 eP 58 37.70 -5.7X
ASAJ 15.74 239 eP 58 46.30 -0.3
HOOJ 16.71 233 eP 58 55.40 -3.5X
ILT 16.82 26 eP 59 04.20 4.1X
MRRJ 17.75 238 eP 59 09.50 -2.5
YAK 18.43 308 eP 59 20.60 0.5
0.8s 31.00nm 4.5mb
OFUJ 20.08 230 eP 59 37.70 -1.5
YAMJ 21.56 231 eP 59 53.20 -1.1
NIIJ 22.79 232 P 00 06.70 0.1
KAKJ 23.12 228 eP 00 08.70 -1.0
TTA 23.56 51 eP 00 14.40 0.4
0.6s 3.41nm 4.0mb
MAT 23.73 232 eP 00 16.00 0.3
0.9s 52.94nm 5.1mb
SVW 23.74 55 eP 00 16.40 0.7
0.5s 1.30nm 3.7mb
CHJJ 23.77 230 P 00 17.30 1.2
MTMJ 23.88 233 P 00 18.10 0.8
IIDJ 24.74 231 eP 00 26.90 1.4
IMA 24.84 43 eP 00 26.20 -0.1
0.5s 2.30nm 4.0mb
TSRJ 25.59 234 eP 00 34.00 0.4
WKYJ 26.85 233 P 00 48.50 3.3X
YONJ 27.10 237 P 00 47.90 0.4
TKSJ 27.78 235 P 00 54.50 0.9
KUMJ 30.54 238 eP 01 20.70 2.4
KAGJ 31.60 236 eP 01 29.80 2.2
INK 32.66 39 eP 01 36.00 -0.5
YKA 41.96 44 eP 03 15.30 20.6X
0.7s 0.60nm
LZH 43.13 270 eP 03 04.20 -0.6
1.2s 23.00nm 4.8mb
CHTO 58.85 259 ePc 05 03.90 0.3
0.8s 14.82nm 5.2mb
KAF 58.94 337 iP 05 03.20 -0.6
0.5s 3.60nm 4.8mb
GUN 59.57 276 P 05 08.89 -0.1
RAMN 59.87 275 P 05 08.90 -2.0
0.3s 9.00nm 5.4mb
KKN 60.01 277 P 05 11.69 -0.2
PKI 60.10 277 P 05 11.49 -1.1
DANN 60.48 278 P 05 15.75 0.6
NUR 60.74 337 eP 05 15.40 -0.7
KOLN 61.01 278 P 05 17.97 -0.7
PYUN 61.12 279 P 05 18.71 -0.7
0.4s 4.00nm 4.9mb
NB2 62.87 344 P 05 29.80 -0.7
0.9s 5.70nm 4.7mb
HFS 63.31 343 eP 05 32.00 -1.3
0.5s 2.50nm 4.6mb
WMOK 67.97 61 (P) 06 03.25 -0.4
0.7s 2.39nm 4.4mb
EKA 70.28 351 P 06 16.00 -1.4
0.9s 3.30nm 4.4mb
CLL 71.77 340 iPd 06 26.80 0.4
1.1s 12.00nm 4.8mb
eSg 29 57.00
BRG 71.98 339 eP 06 27.80 0.1
MOX 72.68 340 eP 06 33.30 1.5
PRU 72.69 338 eP 06 32.80 0.9
KHC 73.71 339 eP 06 39.00 1.1
1.3s 9.70nm 4.6mb
GEC2 73.95 338 P 06 40.10 0.7
0.5s 0.97nm 4.1mb
e 06 48.30
e 06 51.50
GBA 75.58 273 P 06 49.00 -0.1
KBA 75.70 338 iPc 06 50.80 1.2
PRM 76.48 50 (P) 06 53.45 -0.5
WB2 77.24 206 eP 06 57.60 -0.6
0.9s 3.50nm 4.4mb
i 07 09.40
WRA 77.25 206 P 06 57.80 -0.4
0.6s 1.20nm 4.1mb
S.D. = 1.1 on 48 of 55 obs.

JUN 02, 1994 15h 29m 09.27± 0.50s
42.350 N ± 5.9km 142.823 E ± 7.3km
DEPTH = 57.7 ± 6.4 km
4.3mb (9 obs.)
HOKKAIDO, JAPAN REGION (224)

HOOJ 0.35 84 iPd 29 19.70 0.1
S 29 27.10
MRRJ 1.30 274 iPd 29 30.00 -1.4
eS 29 46.40
KUSJ 1.58 61 iPd 29 36.10 0.8
S 29 56.40
ASAJ 1.77 356 P 29 38.10 0.1
AOMJ 2.57 227 iPd 29 49.50 0.3
eS 30 20.20
OFUJ 3.38 195 P 30 01.00 0.2
eS 30 41.20
YAMJ 4.68 208 iP+ 30 19.90 0.8
NIIJ 5.89 211 P 30 36.10 0.1
KAKJ 6.47 199 P 30 41.20 -2.9
S 31 51.50
MAT 6.81 213 eP 30 48.00 -0.9
1.0s 39.00nm 5.0mb
(S) 32 13.00
MTMJ 6.94 216 P 30 51.90 1.1
CHJJ 6.96 207 P 30 49.50 -1.4
S 32 10.30
IIDJ 7.85 211 eP 31 04.30 0.9
eS 32 35.70
TSRJ 8.64 220 P 31 15.60 1.5
WKYJ 9.90 217 P 31 31.00 -0.5
YONJ 10.22 229 P 31 37.80 2.0
TKSJ 10.83 222 P 31 43.20 -0.9
SHNJ 12.33 232 eP 32 08.90 4.8X
BJI 20.16 272 eP 33 34.50 -6.7X
0.8s 4.00nm 3.8mb
JIRN 47.81 271 P 37 44.05 0.7
RAMN 47.90 270 P 37 43.81 -0.1
GUN 47.90 272 P 37 44.41 0.4
0.4s 20.00nm 5.5mb X
KKN 48.41 272 P 37 47.93 0.1
PKI 48.44 272 P 37 48.11 0.0
INK 49.19 29 eP 37 53.50 0.6
DANN 49.24 273 P 37 54.57 0.4
KOLN 49.67 273 P 37 57.79 0.4
0.3s 7.00nm 5.2mb
PYUN 49.94 274 P 37 59.89 0.4
RES 57.19 16 eP 38 51.50 -0.6
0.7s 1.00nm 4.0mb
YKA 58.70 32 eP 39 02.40 -0.4
0.4s 0.60nm 4.1mb
WB2 62.47 189 iPc 39 28.70 0.0
0.7s 3.30nm 4.6mb
ASPA 66.20 189 iPd 39 57.30 4.3X
2.6s 7.10nm 4.2mb
HFS 69.70 336 eP 40 13.40 -1.0
0.3s 1.90nm 4.4mb
NB2 69.71 337 P 40 13.70 -0.8
0.6s 0.70nm 3.8mb
FRB 71.36 14 eP 40 24.50 0.1
S.D. = 1.0 on 32 of 35 obs.

JUN 02, 1994 15h 43m 48.75± 0.96s
13.106 N ± 5.8km 145.363 E ±12.3km
DEPTH = 63.6 ± 5.8 km
4.6mb (6 obs.)
MARIANA ISLANDS (216)

GUA 0.61 315 iPc 44 02.50 0.1
GUMO 0.68 315 iPc 44 03.20 0.1
eS 44 15.90
PJG 0.68 315 ePc 44 03.20 0.0
WKYJ 22.82 339 P 48 47.30 0.1
IIDJ 23.27 344 P 48 51.90 0.4
KAKJ 23.47 349 eP 48 53.00 -0.4
CHJJ 23.55 347 P 48 54.00 -0.2
TSRJ 23.88 341 P 48 58.50 1.1
MAT 24.20 346 eP 49 00.00 -0.6
0.7s 7.53nm 4.3mb
MTMJ 24.34 345 P 49 01.20 -0.8
YONJ 24.48 336 P 49 03.70 0.5
NIIJ 24.70 348 P 49 04.00 -1.3
WB2 34.58 198 iPd 50 32.90 -0.8
0.6s 5.00nm 4.6mb
ASPA 38.23 197 eP 51 04.10 -0.3
0.6s 7.10nm 4.8mb
WARB 43.09 205 eP 51 45.00 0.6
ODAN 55.75 294 P 53 23.56 1.7
RAMN 56.46 294 P 53 27.10 0.1
JIRN 56.85 295 P 53 30.06 0.1
PKI 57.54 294 P 53 34.42 -0.3
DANN 59.01 295 P 53 44.56 -0.4
0.4s 12.00nm 5.4mb
KOLN 59.14 295 P 53 45.64 -0.1
PYUN 59.69 295 P 53 49.02 -0.5
HYB 64.32 283 eP 54 20.00 -0.4
INK 74.63 22 eP 55 22.50 -0.1
1.0s 2.00nm 4.0mb
RES 84.91 13 eP 56 19.00 1.4
KAF 91.35 336 eP 56 47.70 -0.9
0.4s 1.80nm 4.8mb
KIC 144.56 301 PKP 03 20.77 0.1
0.4s 5.00nm
TIC 144.64 302 PKP 03 20.89 0.1
0.5s 4.50nm
LIC 144.87 301 PKP 03 21.73 0.5
0.5s 14.50nm
S.D. = 0.7 on 29 of 29 obs.

? JUN 02, 1994 15h 52m 56.53± 1.09s
40.577 N ± 9.4km 21.816 E ± 7.0km
DEPTH = 5.0km (geophysicist)
GREECE (364)

FNA 0.39 302 ePg 53 04.38 -0.1
eSg 53 13.70

02d 15h

```
GRG     0.58  49 ePg    53 08.02  -0.2
                 eSg    53 20.38
LIT     0.70 133 ePg    53 10.70   0.1
KNT     1.01  54 ePg    53 16.82   0.8
SOH     1.19  78 ePb    53 18.66  -0.6
   S.D. = 0.7  on   5 of   5 obs.
--------------------------------------
% JUN  02, 1994  16h 15m 11.26± 0.78s
   61.489 N ± 6.0km     5.454 E ± 6.7km
   DEPTH =   5.0km  (geophysicist)
 SOUTHERN NORWAY                  (535)
     MD 1.8 (BER).

FOO     0.22 299 iP     15 15.89   0.1
     0.2s     23.90nm
                 eS     15 19.22
                 e      15 20.70
HYA     0.48 132 eP     15 20.82   0.0
                 eS     15 27.71
SUE     0.55 218 eP     15 21.98  -0.2
                 eS     15 29.83
ASK     1.02 187 eP     15 31.74   0.8
                 eS     15 45.48
EGD     1.23 185 eP     15 33.99  -0.5
     1.2s     18.10nm
                 e      15 50.02
                 eS     15 51.31
MOL     1.47  41 eP     15 38.32   0.0
     0.1s     17.40nm
                 eS     15 58.46
                 e      16 01.43
   S.D. = 0.6  on   6 of   6 obs.
--------------------------------------
  JUN  02, 1994  16h 36m 10.49± 0.45s
   45.417 N ± 3.4km     7.677 E ± 4.4km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                   (545)
     ML 2.5 (GEN), 2.4 (LDG).

LSD     0.37 277 P      36 18.25   0.1
                 S      36 22.74
RSP     0.40 228 P      36 18.71   0.0
                 S      36 24.39
BHB     0.65 207 P      36 23.74   0.3
                 S      36 32.33
LPG     0.66 277 Pg     36 23.10  -0.7
                 Sg     36 30.90
MMK     0.67  18 ePc    36 23.20  -0.7
LPL     0.67 279 Pg     36 24.00   0.0
                 Sg     36 31.70
DIX     0.69 344 ePd    36 22.80  -1.5
RRL     0.80 232 P      36 26.44   0.2
                 S      36 36.30
PZZ     1.00 204 P      36 29.18  -0.3
                 S      36 41.52
PCP     1.07 145 P      36 31.51   0.8
                 S      36 45.17
TMA     1.08  50 ePd    36 31.40   0.4
ROB     1.13 173 P      36 32.08   0.4
ENR     1.20 189 P      36 32.39  -0.6
FIN     1.27 162 P      36 33.02  -1.0
HAU     2.75 341 Pn     36 56.80   1.4
LBF     3.01 303 Pn     37 00.30   1.2
                 Sg     37 45.90
   S.D. = 0.8  on  16 of  16 obs.
--------------------------------------
  JUN  02, 1994  16h 41m 39.74± 0.32s
   42.419 N ± 4.0km    13.217 E ± 2.9km
   DEPTH =  10.0km  (geophysicist)
   3.6mb (  3 obs.)
 CENTRAL ITALY                    (381)
     MD 4.2 (TRI). ML 4.1 (TTG),
     3.8 (VIE), 3.7 (LDG).

DUI     1.20 129 P      42 03.15   1.1
PGD     1.82 324 P      42 13.81   2.3
FG4     2.15 126 P      42 17.42   1.3
PII     2.36 304 P      42 23.47   4.3X
MGR     2.88 142 P      42 24.76  -1.8
RIY     3.04  16 iPn    42 28.20  -0.5
                 iSn    43 04.90
PGF     3.12 274 Pn     42 31.20   1.2
TRI     3.31   7 e(Pn)  42 31.70  -0.9
                 e(Pg)  42 38.80
                 e      43 11.00
                 e(Sg)  43 25.10
                 e      43 30.60
                 i      43 49.50
BRT     3.36 116 P      42 31.61  -1.7
ORI     3.39 133 P      42 37.93   4.2X
CEY     3.43  14 ePn    42 34.50   0.2
                 eSn    43 14.80
BOB     3.61 312 P      42 40.72   3.8X
VVI     3.61 351 P      42 37.38   0.5
VOY     3.64   7 ePn    42 36.80  -0.6
                 eSn    43 19.50
SAL     3.73 330 P      42 40.63   2.1
LJU     3.74  14 ePn    42 39.90   1.1
                 eSn    43 22.50
HCY     3.91  88 iPnc   42 41.18   0.1
                 iSn    43 24.97
ZAG     3.95  29 ePn    42 42.50   0.8
BRY     3.96  81 iPnc   42 42.44   0.5
                 iSn    43 27.21
PTJ     4.00  29 iPn    42 42.00  -0.4
                 iSn    43 35.50
CKI     4.12 301 P      42 45.31   1.3
LCI     4.13 119 P      42 46.79   2.6
BDV     4.16  90 iPnc   42 45.63   0.9
                 iSn    43 30.41
FVI     4.18 356 P      42 44.86  -0.1
MDI     4.20 324 P      42 45.86   0.7
CGL     4.26 226 P      42 45.15  -1.1
NKY     4.28  83 iPnc   42 47.38   0.8
                 iSn    43 33.97
GRI     4.35 145 P      42 51.18   3.8X
SBF     4.47 291 Pn     42 49.00  -0.1
                 Sn     43 40.50
TTG     4.47  88 iPnd   42 49.65   0.6
                 iSn    43 38.13
ULC     4.51  94 iPnd   42 49.94   0.4
                 iSn    43 36.97
ATN     4.59 157 P      42 57.77   7.0X
ENR     4.60 295 P      42 52.02   1.0
PLE     4.63  77 iPnd   42 52.77   1.3
                 iSn    43 42.97
KBA     4.66   1 iPnd   42 51.30  -0.6
                 i      43 11.10
                 iSn    43 44.80
                 iSg    44 16.70
STV     4.67 295 P      42 53.62   1.6
VAI     4.70 319 P      42 53.93   1.6
GMB     4.70 154 P      42 54.70   2.1
OGA     4.71 341 iPnc   42 53.10   0.3
SCE     4.74 347 iPnc   42 54.00   0.9
OSS     4.80 334 ePd    42 56.20   2.3
DOI     4.82 298 P      42 55.54   1.4
TMA     4.83 321 ePd    42 54.10  -0.2
SOI     4.85 152 P      42 57.77   3.2X
PZZ     4.92 297 P      42 55.91   0.4
IVA     4.95  83 iPnd   42 57.63   1.7
                 iSn    43 48.97
FRF     4.95 286 Pn     42 55.90   0.0
BHB     4.95 301 P      42 56.14   0.2
WTTA    4.97 347 iPnd   42 58.00   1.7
                 iSn    43 56.90
PVY     5.00  86 iPnd   42 57.97   1.3
                 iSn    43 51.97
SQTA    5.01 344 iPnd   42 58.30   1.5
                 iSn    43 57.60
LMR     5.01 283 Pn     42 56.50  -0.3
WATA    5.05 347 iPnc   42 58.90   1.5
                 i      44 00.70
VLO     5.11 110 ePn    42 58.40   0.3
RSP     5.11 304 P      42 58.29   0.1
LRG     5.14 284 Pn     42 58.00  -0.5
MOTA    5.15 344 iPnc   43 00.20   1.4
                 i      44 00.10
                 i      44 02.00
RRL     5.29 300 P      42 59.02  -2.0
BHG     5.31 358 iPnc   43 01.60   0.7
LSD     5.33 307 P      43 00.39  -1.1
TPE     5.54 110 ePn    43 03.00  -1.2
DIX     5.55 313 ePc    43 07.10   2.5
LPG     5.59 306 Pn     43 04.20  -1.0
LPL     5.61 306 Pn     43 04.30  -1.2
KBN     5.96 105 ePn    43 10.00  -0.2
IGT     6.11 116 eP     43 12.76   0.5
SKO     6.12  91 iPnc   43 12.00  -0.4
       Z  11s      0.79um
                 i      43 58.50
                 i      44 03.30
                 i      44 08.00
                 i      44 13.50
                 i      44 19.20
                 i      44 26.00
                 LR     46 05.50
SLE     6.30 330 ePd    43 15.00   0.0
ZST     6.39  24 eP     43 15.60  -0.6
GEC2    6.44   3 e(P)   43 14.80  -2.1
SRO     6.49  32 eP     43 20.20   2.7X
KHC     6.72   2 Pn     43 18.50  -2.3
                 e      43 44.50
                 Sn     44 31.50
                 e      45 34.00
GRG     7.03  99 eP     43 24.42  -0.8
BSF     7.06 322 Pn     43 22.70  -3.1X
                 Sn     44 40.40
VAY     7.07  96 iPn    43 24.50  -1.2
CDF     7.30 327 Pn     43 27.10  -2.0
                 Sn     44 46.20
KNT     7.34  97 eP     43 28.56  -1.0
LIT     7.36 105 eP     43 29.00  -0.9
HAU     7.40 321 Pn     43 27.20  -3.1X
                 Sn     44 49.70
GRF     7.40 350 ePn    43 29.10  -1.3
                 eSn    44 48.70
PRU     7.63   6 ePn    43 33.00  -0.5
                 e      44 21.00
                 Sn     44 53.00
                 e      45 55.80
AGG     7.71 113 eP     43 35.60   0.9
SOH     7.76  98 eP     43 33.88  -1.6
SRS     7.86  96 eP     43 35.36  -1.5
SMF     7.92 305 Pn     43 36.30  -1.3
                 Sn     45 02.20
LBF     8.01 308 Pn     43 36.70  -2.2
                 Sn     45 02.60
LOR     8.23 309 Pn     43 40.20  -1.8
                 Sn     45 09.00
PAIG    8.28 104 eP     43 41.21  -1.4
MOX     8.30 353 eP     43 44.00   1.0
                 e      45 08.40
CAF     8.46 291 Pn     43 42.70  -2.6
BRG     8.47   3 ePn    43 42.50  -2.8
                 i      45 12.90
MLR     9.68  67 eP     43 59.00  -3.2X
NB2    18.69 357 P      45 59.80  -0.1
     0.9s     2.30nm           3.4mb
KAF    21.21  17 iP     46 26.30  -1.2
     0.5s     1.50nm           3.6mb
YKA    67.39 337 eP     52 35.70  -1.2
     0.6s     0.50nm           3.9mb
   S.D. = 1.3  on  85 of  95 obs.
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  JUN  02, 1994  17h 38m 13.80± 0.28s
   42.445 N ± 3.5km    13.257 E ± 2.5km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                    (381)
     MD 4.2 (TRI). ML 3.9 (LDG), 3.9
     (TTG).

AQU     0.14 130 P      38 17.98   0.8
MNS     0.43 262 P      38 23.04   0.4
RMP     0.76 213 P      38 28.81   0.2
ASS     0.76 325 P      38 28.65  -0.1
RDP     0.80 211 P      38 29.57   0.3
ARV     1.08 348 P      38 34.16   0.1
RFI     1.27 154 P      38 39.52   2.2
CRE     1.52 321 P      38 41.86   0.7
RSM     1.59 339 P      38 45.22   3.2X
SFI     1.80 326 P      38 46.18   1.2
PGD     1.82 322 P      38 46.40   0.9
PII     2.37 303 P      38 55.20   1.8
SGO     2.43 140 P      38 54.58   0.4
HVAR    2.46  72 iPn    38 54.30  -0.3
                 iSn    39 41.50
BDI     2.53 311 P      38 56.43   0.8
RIY     3.01  15 ePn    39 01.60  -0.7
                 iSn    39 38.40
PGF     3.15 273 Pn     39 05.10   0.6
TRI     3.28   6 e(Pn)  39 06.00  -0.3
                 e      39 11.20
                 e      39 22.40
                 i(Sn)  39 44.20
                 i(Sg)  39 59.60
                 i      40 07.00
BRT     3.35 117 P      39 07.57   0.4
VBY     3.38  25 ePn    39 08.70   1.0
                 i      39 22.40
                 i      39 47.50
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CEY	3.40	14	ePn	39 08.50	0.6
			eSn	39 48.70	
VOY	3.61	7	ePn	39 11.40	0.3
			eSn	39 54.30	
LJU	3.71	14	ePn	39 13.50	1.1
			eSn	39 56.50	
SAL	3.72	329	P	39 14.96	2.4
CTI	3.78	343	P	39 13.77	0.3
HCY	3.88	88	iPnc	39 14.86	0.1
			iSn	39 53.98	
ZAG	3.91	29	ePn	39 11.80	-3.4X
BRY	3.92	82	iPnd	39 15.86	0.3
			iSn	39 56.34	
PTJ	3.96	28	ePn	39 12.50	-3.5X
			iSn	40 05.60	
PCP	4.02	303	P	39 27.52	10.8X
BDV	4.13	90	iPnd	39 18.97	0.7
			iSn	39 59.95	
FVI	4.16	355	P	39 18.85	0.2
MDI	4.20	324	P	39 20.12	0.9
NKY	4.25	83	iPnc	39 20.86	0.7
			iSn	40 04.01	
TTG	4.44	88	iPnd	39 23.36	0.6
			iSn	40 07.69	
ULC	4.48	94	iPnd	39 23.30	0.1
			iSn	40 07.75	
SBF	4.49	290	Pn	39 23.20	-0.3
PLE	4.60	77	iPnd	39 26.52	1.5
			iSn	40 13.52	
ENR	4.61	295	P	39 26.29	1.0
KBA	4.63	1	iPnc	39 25.40	-0.2
			i	39 36.70	
			i	40 11.60	
			i	40 17.50	
			i	41 02.20	
SDA	4.65	93	ePg	39 25.00	-0.7
STV	4.69	295	P	39 27.30	1.0
OGA	4.70	341	ePn	39 29.00	2.4
VAI	4.70	318	P	39 27.37	0.9
SCE	4.72	347	ePn	39 28.20	1.3
DOI	4.83	297	P	39 29.23	0.8
LACI	4.87	97	ePn	39 29.10	0.3
IVA	4.92	83	iPnc	39 29.86	0.3
			iSn	40 20.02	
PZZ	4.93	297	P	39 29.95	0.1
WTTA	4.95	347	iPnc	39 31.10	1.0
			i	40 18.40	
			i	40 31.70	
BHB	4.97	301	P	39 32.01	1.8
PVY	4.97	86	iPnc	39 30.80	0.5
			iSn	40 20.86	
FRF	4.97	285	Pn	39 29.00	-1.3
SQTA	4.99	344	iPnc	39 31.70	1.1
			i	40 16.60	
			i	40 32.20	
WATA	5.03	347	iPnc	39 32.50	1.3
			i	40 17.20	
			i	40 32.50	
LMR	5.04	282	Pn	39 29.80	-1.4
VLO	5.09	111	ePn	39 32.40	0.6
CHDN	5.11	288	iPnc	39 32.59	0.3
MOTA	5.13	343	iPnd	39 34.10	1.5
			i	40 18.80	
			i	40 27.80	
LRG	5.16	284	Pn	39 31.80	-1.1
BHG	5.28	357	ePn	39 35.70	1.0
RRL	5.31	300	P	39 34.89	-0.3
LPG	5.60	305	Pn	39 39.10	-0.3
LPL	5.62	305	Pn	39 39.20	-0.5
KBN	5.94	105	ePn	39 44.00	0.1
IGT	6.09	116	iP	39 46.21	0.2
			eS	40 29.92	
SKO	6.09	92	iPnc	39 46.00	-0.1
Z	11s	0.70um			
			i	40 30.50	
			i	41 20.50	
			LR	43 24.00	
FNA	6.31	103	eP	39 49.28	0.1
			eS	40 32.44	
ZST	6.36	24	eP	39 54.80	5.0X
GEC2	6.41	3	Pn	39 48.70	-1.9
	0.5s	0.76nm		3.9mb X	
KHC	6.69	2	ePn	39 53.00	-1.5
			e	40 41.50	
			eSn	41 04.00	
			e	41 46.50	
GRG	7.00	99	eP	39 58.52	-0.4
VAY	7.04	96	iPn	39 58.40	-1.0
BSF	7.06	322	Pn	39 58.10	-1.7
			Sn	41 16.50	
CDF	7.30	327	Pn	40 00.70	-2.4
			Sn	41 21.70	
KNT	7.32	97	eP	40 01.32	-2.0
LIT	7.34	106	eP	40 02.48	-1.1
HAU	7.39	321	Pn	40 01.70	-2.7
			Sn	41 23.80	
PRU	7.60	6	ePn	40 11.00	3.9X
			e	40 15.50	
			Sn	41 28.00	
			e	42 29.00	
SRS	7.84	96	eP	40 09.60	-1.0
SMF	7.93	305	Pn	40 09.50	-2.3
LBF	8.02	308	Pn	40 10.80	-2.3
LOR	8.23	309	Pn	40 13.70	-2.4
PAIG	8.25	104	eP	40 14.80	-1.6
MOX	8.28	353	eP	40 21.40	4.7X
CAF	8.48	291	Pn	40 17.40	-2.2
MLR	9.64	67	eP	40 33.00	-2.7
NB2	18.66	357	P	42 32.60	-1.0
	0.7s	0.90nm		3.1mb	
KAF	21.17	17	eP	42 59.70	-1.5

S.D. = 1.2 on 82 of 89 obs.

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* JUN 02, 1994 17h 39m 00.77± 1.68s
42.723 N ±14.5km 12.992 E ± 9.7km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
ML 3.8 (LDG).

PGF	2.95	268	Pn	39 48.70	0.1
SBF	4.21	288	Pn	40 06.20	-0.3
FRF	4.72	282	Pn	40 13.50	-0.2
LMR	4.79	280	Pn	40 14.00	-0.7
LRG	4.91	281	Pn	40 16.40	0.0
LPG	5.28	304	Pn	40 22.60	0.7
LPL	5.30	304	Pn	40 23.20	1.1
GEC2	6.14	4	Pn	40 32.90	-0.9
	0.1s	0.49nm		4.1mb X	
SRO	6.32	35	eP	40 37.00	0.7
BSF	6.72	322	Pn	40 41.80	-0.2
			Sn	41 59.30	
CDF	6.96	327	Pn	40 45.50	0.2
			Sn	42 05.50	
HAU	7.05	321	Pn	40 46.50	-0.1
			Sn	42 06.70	
BRG	8.18	4	e(Pn)	41 02.30	0.0
			e	41 46.80	
NB2	18.38	357	P	43 16.60	-0.5
	0.7s	1.00nm		3.1mb	

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

JUN 02, 1994 18h 17m 34.02± 0.58s
10.477 S ± 3.6km 112.835 E ± 3.6km
DEPTH = 18.4 ± 4.0 km
5.7mb (52 obs.) 7.2Msz (37 obs.)
SOUTH OF JAWA, INDONESIA (282)

Mw 7.8 (GS), 7.8 (HRV). Ms 6.8 (BRK). Mo=2.5*10**20 Nm (PPT). At least 250 people killed, 27 missing, 423 injured and many left homeless. About 1,500 houses damaged or destroyed and 278 boats sunk or damaged. Most of the casualties and damage were caused by a tsunami along the southeast coast of Jawa. Tsunami runup of 500 meters occurred in some places. The quake was felt strongly across Bali, central and eastern Jawa, Lombok and Sumbawa Islands. Two events about 14 seconds apart observed on broadband displacement seismograms.

FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 98 Dip=85 Slip= 90
NP2: 278 5 90
Principal Axes:
T Plg=50 Azm= 8
P 40 188
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.

RADIATED ENERGY
No. of sta: 24 Focal mech. F
Energy 1.2±0.2*10**14 Nm

MOMENT TENSOR SOLUTION
Dep 6 No. of sta: 31
Moment Tensor; Scale 10**20 Nm
Mrr= 0.24 Mtt= 0.85
Mff=-1.09 Mrt= 5.11
Mrf=-0.33 Mtf= 0.81
Principal axes:
T Val= 5.68 Plg=43 Azm=356
N -0.93 11 96
P -4.75 45 198
Best Double Couple:Mo=5.2*10**20
NP1:Strike= 11 Dip=11 Slip=-175
NP2: 276 89 -79

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
M.W.: 56S,151C
Centroid Location:
Origin Time 18:18:15.8 0.1
Lat 11.03S 0.01 Lon 113.04E 0.01
Dep 15.0 FIX Half-duration 11.5
Moment Tensor; Scale 10**20 Nm
Mrr= 1.38 0.01 Mtt=-1.18 0.00
Mff=-0.20 0.01 Mrt= 5.13 0.06
Mrf=-0.78 0.06 Mtf= 0.14 0.00
Principal Axes:
T Val= 5.43 Plg=52 Azm= 9
N -0.18 0 279
P -5.26 38 189
Best Double Couple:Mo=5.3*10**20
NP1:Strike=278 Dip= 7 Slip= 89
NP2: 99 83 90

SRDI	2.37	33	P	18 13.00	0.4
KELI	2.78	36	P	18 19.50	1.0
INGI	2.81	54	P	18 19.20	0.3
RANI	2.90	46	P	18 21.00	0.8
RATI	3.18	57	P	18 24.50	0.3
JEHI	3.34	45	P	18 25.50	-0.9
THRI	3.39	52	P	18 28.60	1.3
KHKI	3.45	53	iPc	18 28.60	0.7
KEDI	4.03	53	P	18 33.00	-3.2X
SINI	6.30	303	P	19 09.19	0.8
LEM	6.31	305	ePd	19 09.00	0.4
			eS	20 16.00	
KALI	6.96	298	P	19 17.00	-0.7
PACI	7.02	303	P	19 19.00	0.5
PULI	7.93	301	P	19 30.20	-1.2
PASI	8.09	297	P	19 32.00	-1.5
MKS	8.39	52	iPc	19 46.70	9.0X
PENI	9.02	302	P	19 45.79	-0.6
NANU	12.29	168	eP	20 24.50	-6.6X
MBL	12.57	149	eP	20 27.00	-7.8X
TSM	15.51	19	eP	21 18.00	4.5X
KGM	15.61	322	eP	21 23.50	8.7X
KNA	16.37	110	eP	21 23.00	-1.6
			e	21 51.00	
KKM	16.75	12	ePc	21 30.20	0.7
			e	22 08.00	
MEEK	16.98	162	eP	21 27.40	-4.8X
	0.5s	232.00nm		5.6mb	
			eS	24 29.00	
KLM	17.50	320	eP	21 57.00	18.3X
MTN	18.07	99	eP	21 46.00	0.1
	0.4s	229.00nm		5.7mb	
			e	22 09.00	
			e	22 14.00	
			eS	25 19.00	
MRWA	18.88	171	eP	21 50.30	-5.5X
	0.4s	41.00nm		5.0mb	
			e	22 01.00	
			e	22 09.00	
			eS	25 24.00	
IPM	19.03	321	ePd	21 57.20	-0.5
			e	22 13.20	
TLE	20.29	78	ePc	22 17.50	5.8X
BAL	20.35	170	eP	22 10.00	-2.2
WARB	20.36	142	eP	22 11.40	-1.0
	0.5s	91.00nm		5.4mb	
			e	22 28.00	
			eS	25 42.00	
CTB	20.89	33	ePd	22 24.50	6.6X
PPR	20.96	16	ePd	22 18.00	-0.6
SNG	21.34	325	eP	22 25.20	2.7

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02d 18h

              eS    26 37.00
KLB  21.50 168 eP   22 23.00  -1.0
              e     22 40.00
              eS    26 25.00
DAV  21.57  37 ePc  22 25.00   0.2
              e(S)  26 30.00
MUN  21.62 172 eP   22 25.00  -0.2
     1.0s   560.00nm       5.9mb
              e     22 41.00
COOL 21.72 160 eP   22 25.00  -1.3
     0.6s   192.00nm       5.7mb
              e     22 40.00
              eS    26 30.00
CGP  22.20  33 ePd  22 45.00  13.9X
NWAO 22.71 170 eP   22 36.90   0.9
              e     22 51.70
WB2  22.77 117 iPc  22 36.90   0.1
     0.6s   167.50nm       5.7mb
              i     22 51.80
              iPcP  26 11.70
              eS    26 45.70
BIP  22.88  36 eP   22 53.00  15.2X
MAP  23.45  29 eP   22 43.00  -0.3
ASPA 23.99 126 iPd  22 48.60   0.0
     1.0s    91.70nm       5.3mb
   Z 21s   375.60um        6.8Msz
              i     23 07.10
              eS    27 15.50
PLP  24.66  30 ePd  22 55.30   0.2
     1.0s    17.00nm       4.6mb X
FORT 24.66 147 eP   22 55.00   0.0
     0.7s   190.00nm       5.8mb
              e     23 13.00
PGP  25.15  19 eP   23 01.00   1.2
TGY  25.71  18 iPc  23 10.00   4.9X
              iS    28 10.00
QVP  26.22  18 P    23 12.00   2.3
BAG  27.79  16 eP+  23 22.00  -2.3
              e     27 15.50
MENI 28.50  76 P    23 38.00   7.4X
YOMI 28.60  76 P    23 37.79   6.3X
SZP  28.85  15 iPc  23 45.00  11.4X
NST  28.87 334 eP   23 34.90   1.1
              e     23 52.00
CVP  29.37  18 eP   23 54.00  15.6X
QIZ  29.47 354 ePc  23 53.71  14.5X
LOE  29.80 338 iPc  23 41.00  -1.2
BDT  30.75 333 eP   23 51.30   0.7
     0.9s   300.90nm       6.1mb
CHTO 32.17 335 ePc  24 02.95  -0.1
     1.2s    48.96nm       5.3mb
              ec    24 16.75
              eS    29 32.20
HKC  32.60   2 P    24 08.00   1.2
              iS    29 40.00
CTA  33.56 111 iP   24 15.00  -0.3
CTA  33.56 111 iPc+ 24 29.00  13.7X
   Z 18s    18.56um        5.8MszX
              i(pP) 24 38.00  31kmX
              i     27 00.00
              eS    29 22.00
CTAO 33.56 111 eP   24 14.48  -0.8
PMG  33.82  91 (P)  24 18.08   0.6
PMG  33.82  91 (P)  24 25.33   7.8X
              ec    24 34.16
ADE  33.91 140 eP-  24 18.00  -0.2
STKA 34.06 133 iPd  24 18.80  -0.6
TATO 36.23  13 (P)  24 39.34   1.4
              ec    24 50.38
KMI  36.73 345 ePc  24 44.12   1.7
     1.8s  1700.00nm       6.6mb
   N 20s  2529.80um
   E 20s  1044.00um
              ec    24 57.63
              i     25 26.00
              PP    26 20.00
              PPP   26 45.00
              S     30 40.00
              iS    30 48.00
              S     31 10.00
              SS    34 00.00
              ScS   35 10.00
RAB  39.47  84 eP-  25 14.00   8.6X
              eS    31 19.60
GUMO 39.77  54 eP   25 05.10  -2.7
     1.2s   168.80nm       5.6mb
   Z 34s   439.00um        7.1MszX
              e     25 12.00
              e     25 18.00
              eS    31 18.00
PJG  39.77  54 eP   25 05.60  -2.2
GUA  39.78  54 eP   25 06.00  -1.9
     1.2s   250.00nm       5.8mb
TOO  39.86 138 eP   25 10.10   1.8
     1.1s   232.00nm       5.8mb
BWA  40.28 132 eP   25 15.50   3.6X
              epP   25 33.10  71kmX
ENH  40.64 356 ePc  25 14.69   0.0
              ec    25 28.48
CAN  41.12 133 eP   25 19.20   0.5
              epP   25 38.00  77kmX
              i     34 45.80
ARMA 41.13 125 eP   25 21.10   2.1
     0.8s    47.00nm       5.3mb
              e     25 34.20
SHL  41.23 331 iPc  25 20.20   0.4
              eS    31 31.50
CNB  41.38 133 eP   25 21.50   0.6
RIV  42.06 130 eP   25 36.00   9.6X
              i     25 47.20
              iPP   27 25.00
              iS    32 00.00
SSE  42.10  11 ePc  25 26.68   0.0
     2.2s    50.30nm       4.9mb
   Z 20s   157.00um        6.9Msz
   N 24s   197.90um
   E 24s   216.40um
              ec    25 41.03
              ed    26 01.72
              PcP   27 04.00
              S     31 44.00
              isS   31 56.00
GBA  42.50 304 P    25 31.00   0.9
HYB  43.77 309 eP   25 40.00  -0.5
     1.4s   450.00nm       6.1mb
              e     25 49.50
              e     25 58.50
              eS    32 16.00
TAU  44.09 143 eP   25 59.00  16.2X
XAN  44.42 355 eP   25 44.33  -1.3
              ec    25 57.85
ODAN 44.58 327 P    25 47.11  -0.1
     1.2s   181.00nm       5.8mb
TAPN 44.80 328 P    25 49.57   0.5
     1.0s   125.00nm       5.8mb
RAMN 45.08 326 P    25 51.49   0.2
JIRN 45.87 326 P    25 57.77   0.2
     1.1s   307.00nm       6.1mb
PKI  46.23 326 P    25 59.93  -0.5
     1.6s   144.00nm       5.7mb
GUN  46.23 326 P    26 00.59   0.1
HNR  46.38  93 eP   26 03.02   1.6
              ic    26 18.75
DMN  46.43 325 P    26 01.81  -0.1
KKN  46.47 326 P    26 01.97  -0.2
GKN  46.99 325 P    26 05.89  -0.4
LZH  47.08 350 Pc   26 07.00   0.2
     2.0s  1135.00nm       6.6mb
   E 20s   404.26um
              pP    26 16.00  30kmX
              sP    26 20.00
              PP    28 01.00
              S     33 08.00
              sS    33 20.00
              SS    36 36.00
LZH  47.08 350 ePc  26 20.35  13.5X
     2.0s  1135.00nm
   E 20s   404.26um
              S     33 08.00
              sS    33 20.00
              SS    36 36.00
KOLN 47.41 324 P    26 09.23  -0.4
DANN 47.75 325 P    26 11.99  -0.5
PYUN 48.01 324 P    26 13.95  -0.4
     0.9s   110.00nm       5.9mb
POO  48.07 307 eP   26 19.00   4.3X
SHK  48.56  22 ePc  26 30.50  12.3X
SEO  49.59  15 P    26 27.00   0.9
NDI  51.96 319 iPd  26 58.80  14.5X
              iS    34 20.00
DZM  52.50 110 iPc  26 58.70  10.1X
MAJO 52.51  26 eP   26 44.93  -3.4X
     1.1s   215.56nm       6.0mb
              ec    26 59.55
MAT  52.51  26 eP   26 44.00  -4.4X
     1.4s    34.88nm       5.1mb
              eS    34 27.00
BKM  54.06 104 iPd  27 08.50   8.4X
CSY  55.76 181 eP   27 10.90  -0.8
     1.0s     9.30nm       4.8mb
VLA  56.11  17 iPd  27 14.00  -0.5
     1.5s   318.00nm       6.1mb
   Z 16s     7.60um        5.9MszX
   E 16s     7.40um
              i     28 15.00
              i     29 21.00
              iS    35 09.00
              i     36 54.00
MDJ  56.90  14 eP   27 18.14  -2.0
              ec    27 30.28
MCQ  57.02 150 eP   27 37.40  16.5X
WMQ  58.68 339 eP   27 32.36  -0.4
              ec    27 45.60
DRV  59.05 168 iP   27 34.00  -1.0
              iS    35 40.00
              eSS   39 27.00
              iSSS  42 09.00
SAP  59.29  24 eP   27 35.00  -1.9
ZAK  61.17 353 iPc  27 48.00  -1.6
     1.6s    28.00nm       5.1mb
              e     28 04.00
              eS    36 21.00
SNZO 62.09 131 P    28 08.00  11.9X
              PcP   29 06.00
              S     36 34.00
CIT  62.22   1 eP   27 55.00  -1.8
              eS    36 37.00
TLY  62.41 354 eP   27 56.89  -1.1
              ec    28 10.96
CRZF 62.58 223 iP   28 18.00  18.7X
              iS    36 42.00
AAA  62.70 331 iP   28 00.00  -0.1
              iPPP  31 54.00
              iS    36 36.00
IRK  62.92 354 eP   28 00.00  -1.4
     2.0s   240.00nm       6.0mb
   Z 20s   139.22um        7.1Msz
   E 18s   126.15um
              e     30 28.00
              e     31 56.00
              e     36 28.00
              eS    36 42.00
YSS  63.14  22 ePc  28 00.80  -2.1
     1.0s    30.00nm       5.4mb
   Z 24s    80.10um        6.8MszX
   N 24s   130.90um
              e     28 10.50
              isP   28 18.00
              i     28 37.00
              e     30 24.00
              eS    36 40.00
              ePS   36 52.00
              eSS   40 41.00
              eSSS  43 18.00
FRU  63.51 329 eP   28 06.00   0.6
   Z 24s   352.00um        7.5MszX
              i     28 23.00
              eS    36 46.00
              eSS   40 38.00
MAW  65.84 199 eP   28 21.00   0.9
     1.0s    63.30nm       5.7mb
BOD  68.09   1 eP   28 32.60  -1.9
     1.3s    37.00nm       5.4mb
MAIO 68.41 316 eP   28 36.00  -1.1
ASH  70.06 317 eP   28 47.00   0.0
     2.5s   390.00nm       6.1mb
   Z 21s   399.88um        7.6Msz
   N 21s   220.08um
   E 21s   137.62um
              i     29 08.00
              iPS   38 02.00
              i     38 27.00
ABKT 70.20 317 eP   28 47.97   0.0
              ec    29 01.77
KAT  72.10 317 eP   29 03.50   4.2X
              e     29 19.50
              e     31 46.50
              e     33 30.00
              ePS   39 05.00
SBA  72.59 170 eP   29 15.00  13.4X
YAK  73.46   8 iPc+ 29 05.40  -1.4
```

2.5s 267.00nm 5.8mb
i 29 19.00
e 31 52.00
ePPP 33 41.00
eS 38 32.00
eSS 43 20.00
TEH 73.90 312 e(P) 29 25.00 14.9X
PET 74.32 27 eP+ 29 12.00 0.0
SYO 74.32 201 ePd 29 03.00 -8.8X
MA2 76.15 19 eP 29 22.14 -0.3
ec 29 33.72
AAE 76.20 282 eP 29 28.50 4.6X
KER 76.53 309 eP 29 24.00 -1.2
TAB 78.55 312 eP 29 45.00 8.7X
i 29 51.00
SPA 79.59 180 eP 29 42.00 0.6
1.2s 74.65nm 5.6mb
Z 24s 68.02um 6.9MszX
SVE 79.59 334 iPc 29 42.00 0.7
2.5s 1250.00nm 6.5mb
e 32 44.00
eS 39 40.00
MAK 79.78 317 iP- 29 53.00 10.4X
iS 39 56.00
e 40 42.00
ARU 80.24 333 eP 29 44.31 -0.5
3.0s 100.00nm 5.3mb
Z 22s 381.00um 7.7Msz
N 20s 104.00um
E 24s 413.00um
ec 29 59.21
eS 39 52.00
GNI 80.46 314 eP 29 48.37 1.8
ec 30 02.72
SLR 80.66 245 eP 29 47.50 -0.5
0.8s 20.00nm 5.2mb
Z 20s 125.00um 7.3Msz
MTA 81.04 315 eP 29 50.80 1.5
ePPS 40 59.00
GRO 81.08 317 iP+ 30 04.00 14.5X
2.0s 600.00nm
i 32 59.50
iPS 40 53.00
SMY 81.71 33 eP 30 03.30 10.7X
0.4s 21.40nm
KSR 81.89 245 eP 29 56.00 1.6
0.9s 33.00nm 5.4mb
BLF 82.08 242 eP 29 57.50 2.2
FRS 82.74 241 e(P) 30 05.00 6.5X
BOSA 82.82 242 eP 29 59.50 0.6
PYA 83.10 317 ePc 30 05.00 4.9X
i 30 18.00
LBTB 83.17 246 eP 30 04.28 3.3X
KIV 83.32 317 eP 30 01.88 0.5
ec 30 16.50
ec 45 48.20
GAZ 85.04 309 eP 30 21.00 11.0X
SOC 85.21 316 eP 30 20.00 9.3X
e 33 28.00
eS 40 48.00
ADK 86.45 36 (P) 30 16.17 -0.4
1.5s 112.40nm 5.9mb
Z 21s 69.30um 7.0Msz
ec 30 30.79
KVT 87.04 313 iP 30 39.00 19.2X
ANN 87.27 316 eP 30 32.00 11.3X
eSS 46 50.00
LFK 87.39 306 eP 30 30.90 9.2X
POF 87.42 241 eP 30 38.00 16.1X
1.5s 36.00nm
CSS 87.47 306 eP 30 31.50 9.5X
HLW 87.89 301 eP+ 30 38.00 13.9X
SIM 89.46 316 eP+ 30 46.00 14.8X
ePPP 36 00.00
MOS 90.40 327 eP 30 37.00 1.7
2.4s 770.00nm 6.5mb
e 41 28.00
OBN 90.76 326 eP 30 34.94 -2.1
2.0s 400.00nm 6.4mb
ec 30 51.77
e 34 16.00
eS 41 30.00
ePS 42 36.00
iSS 47 44.00
WIN 91.26 247 eP 30 44.00 3.7X
1.2s 132.00nm 6.2mb
Z 22s 132.00um 7.3Msz
HRT 91.65 311 eP 30 58.30 16.8X
ILT 91.75 21 iPc 30 41.00 -0.3
2.3s 348.00nm 6.3mb
i 34 18.00
i 41 36.00
HON 92.98 69 P 31 00.00 12.1X
Z 21s 34.74um 6.8Msz
KIP 92.98 69 ePc 31 05.75 17.8X
KIS 93.50 317 iPc 31 01.00 11.2X
Z 24s 132.00um 7.3MszX
N 26s 112.00um
E 24s 141.00um
e 34 40.00
e 41 52.00
e 43 55.00
CFR 93.63 315 eP 31 09.00 18.6X
VRI 94.74 316 eP 31 06.00 10.4X
BUC 94.93 314 ePd 31 14.00 17.6X
BCAO 95.01 274 iPd 31 04.30 6.7X
1.0s 10.00nm 5.2mb
i 31 18.10
MLR 95.21 315 ePc 31 05.00 7.0X
LVZ 95.22 338 ePc 31 10.31 12.9X
PUL 95.22 330 eP 31 12.00 14.6X
eSS 48 49.00
MNK 95.60 324 eP 31 00.00 0.7
e 41 30.00
ATH 95.67 307 iPc 31 18.00 18.0X
ePP 35 08.80
eSS 49 04.80
SDN 96.64 35 eP 31 12.10 8.1X
0.9s 19.80nm 5.6mb
SDN 96.64 35 (P) 31 04.25 0.3
Z 20s 11.90um 6.4Msz
VAY 97.02 311 iP 31 23.70 17.7X
iPP 35 17.40
LVV 97.14 319 iPc 31 22.00 15.6X
iS 42 28.00
iSS 49 10.00
KAF 97.55 332 iP 31 16.60 8.6X
0.6s 7.30nm 5.4mb
SKO 97.95 311 iPc 31 25.00 14.8X
Z 21s 121.00um 7.4Msz
iPP 35 21.00
i 35 25.00
iPPP 37 04.00
i 39 06.00
iS 42 33.50
iPS 43 54.00
UZH 98.12 318 ePc 31 26.00 15.2X
1.5s 60.00nm
i 35 12.00
iSS 49 15.00
NUR 98.14 330 iP 31 19.20 8.6X
0.8s 9.30nm 5.4mb
SDF 98.23 337 iP 31 09.80 -1.1
KEV 98.31 339 ePc 31 25.47 14.2X
SPC 99.53 318 ePDIF 31 34.10 16.6X
TTA 99.77 28 P 31 26.50 8.4X
2.0s 40.29nm 5.6mb
TTA 99.77 28 (P) 31 22.13 4.0X
SVW 99.83 30 (P) 31 18.52 0.1
SRO 100.70 317 Pdiff 31 39.10 16.5X
IMA 100.91 24 Pdiff 31 25.80 2.5X
1.4s 9.39nm 5.2mb
IMA 100.91 24 (Pdiff31 22.46 -0.8
OKC 100.94 319 e(Pdif31 41.10 17.5X
PP 35 47.40
(SKS) 42 16.00
e 42 40.00
e 43 28.00
(PPS) 44 42.00
SS 50 10.00
ZST 101.54 317 Pdiff 31 45.80 19.5X
e 35 07.80
UPP 101.60 329 ePdiff31 36.00 9.8X
iSKS 42 20.00
iS 43 20.00
VKA 102.06 317 ePdiff31 43.00 14.3X
Z 29s 49.80um 6.9MszX
e 31 48.00
LR 20 50.00
PMR 102.97 29 Pdiff 31 40.00 7.7X
Z 21s 28.27um 6.8Msz
LJU 103.21 315 ePdiff31 50.00 16.2X
ePP 35 56.50
e 36 08.00
eSKS 42 28.00
e 42 31.00
e 42 56.00
e 43 29.80
e 43 51.50
e(PS) 45 01.90
PRU 103.27 319 ePdiff31 51.60 17.6X
e 35 20.80
ePP 35 52.60
KMR 103.52 317 ePdiff31 49.00 13.8X
i 36 08.50
HFS 103.57 329 ePdiff31 44.40 9.4X
0.6s 2.10nm 5.1mb
Z 18s 90.29um 7.3Msz
LR 11 18.00
BRG 103.65 320 ePdiff31 52.90 17.2X
Z 23s 140.00um 7.4MszX
N 23s 84.00um
E 23s 140.00um
e 32 24.00
eSKS 42 31.00
eSDIF 43 38.00
VOY 103.66 315 ePdiff31 41.00 5.1X
e 31 56.00
e 35 21.00
e(PP) 35 50.30
TRI 103.74 315 ePdiff31 51.00 14.8X
ePP 36 08.00
ePP 38 24.00
eSKS 42 36.00
eSKKS 43 00.00
eSP 45 20.00
eSS 50 44.00
e 53 32.00
e 00 52.00
GEC2 103.81 318 Pdiff 31 54.00 17.4X
1.2s 1.76nm
e 32 16.50
e 32 21.50
e 32 29.70
e 32 34.00
e 35 10.40
e 35 17.20
e 35 24.20
e 35 34.10
e 35 58.10
e 36 04.40
e 36 10.10
e 43 14.50
e 43 29.10
PKKP 47 17.20
e 47 22.60
e 47 28.30
KHC 103.89 318 ePdiff31 49.50 12.7X
1.5s 12.50nm
Z 24s 27.30um 6.7MszX
N 28s 28.00um
E 28s 28.00um
e 32 28.00
e 33 30.50
e 35 26.50
e 35 44.50
e 36 03.00
e 36 36.50
e 37 02.50
e 42 40.00
ePKKP 47 22.00
BRNL 104.00 322 ePdiff31 53.30 16.2X
ePP 36 12.00
eS 43 38.00
BRN 104.10 321 ePdiff31 55.00 17.4X
CLL 104.24 320 ePdiff31 49.00 10.7X
ePP 36 08.00
eSKS 42 30.00
eS 43 39.00
COP 104.45 325 ePdiff31 57.00 18.0X
e 36 06.00
e 42 06.00
i 45 24.00
MOX 105.14 320 ePdiff31 59.00 16.7X
Z 21s 84.00um 7.3Msz
ePP 36 12.00
eSKS 42 41.00
eS 43 56.00
ePS 45 51.00
eSS 51 20.00
WTTA 105.21 316 iPKP 36 15.80 18.5X

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02d  18h

        1.5s    48.90nm
                    i      36 33.30
GRF    105.42 319 ePdiff31 58.70   15.1X
    Z  20s      98.00um          7.3Msz
                  ePPc   36 08.60
                  eSKS   42 43.20
                  SDIF   43 52.70
                  ePS    45 48.60
                  eSS    51 28.20
FUR    105.43 317 ePdiff32 00.90   17.2X
    Z  26s     173.00um          7.5MszX
BNS    107.93 320 ePdiff32 11.00   16.3X
    Z  22s     192.00um          7.6MszX
DAG    109.04 350 ePdiff32 15.00   16.0X
DBN    109.04 322 ePdiff32 18.00   18.5X
SIT    110.56  33 PKP    36 20.00  13.2X
    Z  21s      21.73um          6.7Msz
BTH    113.89 313 ePKP   36 07.00  -6.7X
                  e      36 59.00
                  ePP    37 22.00
                  PPP    39 33.70
                  sSKP   40 02.70
                  e      46 22.00
                  ePKKP  47 30.00
RES    113.92   8 ePKP   36 31.00  18.2X
       1.0s      3.00nm
PAB    117.52 309 iPdiff32 53.60   15.8X
                  iP'P'  36 35.30
                  iPP    37 44.00
VAL    118.31 324 Pdiff  33 00.00  19.2X
LIC    118.45 271 PKP    36 41.96  18.8X
       0.9s     11.00nm
SFS    119.46 306 iPdiff33 00.00   13.7X
                  i      38 50.00
                  i      39 00.00
MCW    120.19  39 (PKP)  36 29.41   3.9X
GMW    120.60  41 (PKP)  36 30.03   3.7X
GDH    120.63 354 ePdiff33 09.00   18.3X
                  e      36 44.00
                  i      38 14.00
BMW    120.67  42 (PKP)  36 22.80  -3.8X
RMW    121.26  40 (PKP)  36 35.35   7.7X
LON    121.50  41 (PKP)  36 32.75   4.6X
VGB    122.60  42 (PKP)  36 35.49   5.3X
WDC    122.87  48 PKP    36 40.00   9.2X
    Z  21s      21.63um          6.8Msz
DPW    123.37  39 (PKP)  36 37.24   5.6X
NEW    123.87  38 PKP    36 40.00   7.3X
    Z  21s      29.53um          6.9Msz
ORV    123.91  49 ePdiff33 25.36   19.2X
ORV    123.91  49 ePKP   36 37.93   5.0X
ARN    124.45  52 (PKP)  36 44.16  10.0X
SAO    124.66  52 PKP    36 50.00  15.5X
    Z  20s      34.61um          7.0Msz
CMB    125.16  51 iPdiff33 30.00   18.2X
CMB    125.16  51 PKP    36 50.00  14.5X
    Z  20s      18.76um  .       6.8Msz
FRB    126.81   1 ePKP   36 55.50  17.8X
       1.0s      7.00nm
ABL    126.88  54 (PKP)  36 38.97  -0.2
                  ePP    38 49.24
ISA    127.27  53 PKP    36 50.00  10.3X
    Z  21s      42.15um          7.1Msz
CSP    128.51  54 PKP    36 47.40   5.3X
TPNV   128.62  51 ePKP   36 43.48   1.2
GSC    128.68  53 (PKP)  36 38.45  -3.9X
PEC    128.77  55 (PKP)  36 36.82  -5.7X
                  e      39 01.32
HHAI   129.00  42 (PKP)  36 49.06   6.3X
PTI    129.19  42 (PKP)  36 49.15   5.9X
HVU    129.38  44 (PKP)  36 46.41   2.8X
DUG    130.00  46 ePKP   36 43.86  -1.0
    Z  21s      39.90um          7.1Msz
ARUT   130.45  49 (PKP)  36 49.98   4.2X
GLA    130.87  55 PKP    36 50.00   3.4X
DAU    131.00  45 (PKP)  36 47.73   0.8
                  ePP    39 16.80
BW06   131.08  41 ePKP   36 47.14   0.2
MSU    131.11  47 ePKP   36 50.62   3.5X
EMUT   131.56  45 (PKP)  36 50.98   3.1X
SRU    132.06  46 (PKP)  36 49.29   0.5
PV09   133.30  46 ePKP   36 55.60   4.3X
PV10   133.42  46 (PKP)  36 50.14  -1.4
PV08   133.61  46 (PKP)  36 57.43   5.4X
ULM    133.81  25 ePKP   37 14.00  22.5X
TUC    134.35  55 (PKP)  36 54.42   1.2
    Z  21s      26.59um          6.9Msz

GLD    135.41  43 PKP    37 10.00  14.8X
    Z  21s      96.54um          7.5Msz
JAQ    136.25   7 ePKP   37 08.50  12.5X
ALQ    136.75  49 ePKP   36 58.80   0.9
ACO    141.08  43 iPKPc  37 18.50  13.0X
WMOK   142.40  45 ePKP   37 06.92  -1.0
    Z  21s      59.71um          7.3Msz
MEO    142.51  45 iPKPd  37 22.50  14.4X
OCO    142.86  43 iPKPd  37 19.90  11.3X
SIO    143.50  42 iPKPc  37 19.00   9.3X
CBM    143.66   1 PKP    37 20.00  10.4X
    Z  21s      38.49um          7.1Msz
TUL    143.74  41 iPKPc  37 17.50   7.4X
VVO    144.12  42 iPKPc  37 18.80   8.1X
GAC    144.18  10 ePKP   37 24.00  13.5X
AGX    144.49  67 (PKP)  37 21.00   9.3X
LMN    144.69 357 ePKP   37 19.50   8.1X
       1.0s     34.00nm
CCM    145.06  34 ePKP   37 11.90  -0.4
TYS    145.09  33 ePKP   37 19.73   7.4X
SLM    145.19  33 PKP    37 20.00   7.6X
    Z  20s      35.15um          7.1Msz
LDN    145.33  18 PKP    37 13.60   1.0
DLA    145.38  19 PKP    37 12.80   0.2
FVM    145.56  33 ePKPc  37 13.21   0.1
    Z  20s     144.41um          7.7Msz
ITR    145.60 237 ePKP   37 15.00   1.1
TYNO   145.67  17 PKP    37 13.95   0.8
MRX    145.95  70 (PKP)  37 26.50  12.3X
MIAR   146.01  41 ePKP   37 15.97   2.0
    Z  21s      55.08um          7.3Msz
LBNH   146.11   6 (PKP)  37 18.40   4.5X
    Z  21s      63.81um          7.4Msz
DON    146.42  34 ePKP   37 16.44   1.9
YSNY   146.61  15 ePKP   37 14.90   0.1
    Z  21s      67.13um          7.4Msz
SOB1   147.35 234 ePKP   37 21.10   4.4X
                  e      37 37.90
BINY   147.47  12 ePKP   37 18.54   2.4X
    Z  20s      49.98um          7.3Msz
                  ic     37 31.50
BAO    147.85 216 ePKP   37 21.70   4.1X
                  e      51 00.70
HRV    147.86   6 PKP    37 30.00  13.3X
    Z  21s      53.56um          7.3Msz
UNM    147.88  70 (PKP)  37 25.00   7.2X
WES    148.01   6 PKP    37 20.00   3.1X
MOCB   148.44 183 PKP    37 23.50   4.7X
PPM    148.45  71 (PKP)  37 34.50  15.5X
LSCT   148.47   9 PKP    37 30.00  12.3X
    Z  21s      74.91um          7.5Msz
MCWV   148.82  19 ePKP   37 22.72   4.4X
    Z  20s      57.30um          7.4Msz
                  ec     37 37.07
GPD    148.91  11 (PKP)  37 18.29  -0.2
PNJ    149.07  10 PKP    37 33.73  15.1X
                  i      38 56.81
GMTN   149.09  10 iPKP   37 33.90  15.2X
OXX    150.58  74 (PKP)  37 39.50  17.6X
NAV    150.59  22 (PKP)  37 21.37   0.2
CVL    150.79  18 (PKP)  37 27.67   6.3X
BLA    150.82  22 (PKP)  37 27.92   6.4X
MYNC   151.04  30 PKP    37 30.00   8.1X
    Z  21s      76.15um          7.5Msz
CCH    152.30 182 PKP    37 33.10   8.5X
CEH    152.48  21 (PKP)  37 33.66   9.8X
    Z  21s      80.21um          7.5Msz
PRM    152.69  28 (PKP)  37 26.11   1.9
LPB    153.15 178 PKP    37 36.00  10.1X
LPAZ   153.39 178 (PKP)  37 33.99   7.5X
       S.D. = 1.1  on 139 of 321 obs.
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   JUN 02, 1994  18h 33m 28.30± 1.32s
    7.425 N ± 3.4km    71.971 W ± 3.0km
   DEPTH =  20.5 ±  9.8 km
   5.1mb ( 66 obs.)
  VENEZUELA                        (101)

BMG      1.15 252 eP        33 49.00  -0.3
BOG      3.48 217 iPc       34 29.00   6.2X
HOBC     5.14 234 ePc       34 47.12   0.9
AZUC     5.56 228 ePc       34 52.66   0.2
                  S         36 01.60
CLMC     5.77 233 eP        34 55.27   0.2
                  S         36 06.00
DIAC     5.88 226 eP        34 56.43  -0.2
HOQC     6.08 230 eP        34 59.00  -0.6

ANCC      6.23 232 ePc    35 01.86   0.4
SILC      6.41 223 eP     35 03.87  -0.5
PURC      6.69 221 eP     35 08.55   0.0
TCE      10.60  71 eP     36 01.48  -0.8X
TPP      10.78  74 eP     36 13.94   9.2X
TRN      10.92  72 eP     36 05.72  -0.8
TBH      11.19  73 eP     36 15.02   4.7X
GRW      11.19  64 eP     36 16.98   6.6X
NNA      19.88 194 eP     38 01.00  -0.5
          0.9s    16.81nm          4.4mb
LPAZ     23.86 171 (P)    38 43.43   1.3
          1.3s    99.12nm          5.2mb
GPD      33.52 357 (P)    40 09.90   1.2
MIAR     33.53 327 eP     40 07.58  -1.2
          1.2s    51.03nm          5.3mb
DON      33.82 334 eP     40 11.17  -0.1
FVM      34.71 334 iPc    40 18.97   0.0
          0.7s    98.82nm          5.8mb
BINY     34.81 355 eP     40 20.49   0.7
CCM      35.13 333 eP     40 22.05  -0.5
          0.7s    54.40nm          5.6mb
TYS      35.22 334 eP     40 23.27  -0.1
YSNY     35.39 352 eP     40 25.87   1.1
          0.7s    56.57nm          5.6mb
STCO     36.20 351 P      40 32.80   1.3
TYNO     36.20 350 P      40 32.65   1.1
LBNH     36.67   0 eP     40 36.49   1.0
          1.0s    37.52nm          5.2mb
WMOK     36.70 322 eP     40 34.91  -1.0
          0.7s    38.49nm          5.4mb
ACTO     36.73 350 P      40 37.25   1.2
WLVO     36.79 352 P      40 37.42   1.0
GAC      38.26 356 eP     40 44.50  -4.2X
LMN      38.78   8 eP     40 45.50  -7.7X
          1.0s    17.00nm          4.7mb
GLD      43.85 322 eP     41 36.18   1.0
          1.3s    84.23nm          5.4mb
PV08     45.32 319 eP     41 47.84   0.6
SRU      46.84 318 eP     41 58.85  -0.2
ULM      47.12 339 ePc    42 05.70   4.9X
GLA      47.14 309 eP     42 01.24   0.0
EMUT     47.41 319 eP     42 04.16   0.6
MSU      47.64 317 eP     42 05.76   0.4
DAU      48.01 319 eP     42 08.60   0.2
ARUT     48.16 315 eP     42 09.53   0.1
BW06     48.28 323 eP     42 09.62  -0.7
          1.2s    26.54nm          5.2mb
PLM      48.83 308 eP     42 15.01   0.4
DUG      48.91 318 eP     42 15.15   0.0
          1.1s    16.77nm          5.0mb
PEC      49.26 309 eP     42 17.07  -0.7
          1.2s    47.36nm          5.4mb
GSC      49.53 311 ePc    42 19.99   0.1
HVU      49.71 320 eP     42 20.87  -0.4
TPNV     49.79 313 eP     42 22.30   0.4
HHAI     50.28 322 eP     42 23.46  -2.1
TNP      50.96 314 eP     42 30.70  -0.2
          0.8s     9.43nm          4.8mb
ORV      54.62 314 eP     42 57.34  -0.5
DPW      56.17 324 eP     43 08.50  -0.5
FRB      56.27   2 ePc    43 08.30  -1.1
          0.6s    12.00nm          5.1mb
KMPM     56.80 314 eP     43 13.89   0.1
KDS      58.98  80 iP     43 29.00  -0.2
TIC      66.39  86 P      44 18.59  -0.1
          0.9s    23.50nm          5.4mb
LIC      66.42  86 P      44 19.04   0.2
          0.8s    38.00nm          5.6mb
      Z  22s      90.00um          6.9MszX
KIC      66.69  86 Pc     44 20.99   0.4
          0.8s    64.00nm          5.8mb
RES      68.50 354 eP     44 30.00  -0.8
          1.0s     3.00nm          4.4mb
DCN      69.09  35 eP     44 34.60  -0.2
DLF      69.51  36 eP     44 38.70   1.3
EKA      71.93  34 P      44 50.00  -2.0
          1.1s    14.50nm          4.9mb
GRR      71.96  42 eP     44 51.80  -0.6
          1.0s    25.80nm          5.2mb
EPF      72.05  47 iPc    44 53.30   0.2
          1.3s    41.15nm          5.3mb
MFF      72.17  43 iPc    44 53.60   0.0
          1.0s    39.60nm          5.4mb
FLN      72.27  41 iPc    44 54.20   0.0
          1.0s    43.40nm          5.5mb
LDF      72.48  41 iPc    44 55.20  -0.2
          1.2s    33.90nm          5.3mb
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LFF 72.56 45 iPc 44 55.90 -0.1
1.0s 22.40nm 5.2mb
LPO 72.85 46 iPc 44 57.60 -0.1
1.3s 40.45nm 5.3mb
INK 72.85 340 ePc 44 57.00 -0.3
0.8s 5.00nm 4.6mb
RJF 73.15 45 iPc 44 59.10 -0.4
1.1s 17.10nm 5.0mb
LSF 73.27 44 iPc 44 59.80 -0.3
0.8s 12.65nm 5.0mb
MBC 73.42 349 ePc 45 00.20 -0.3
0.7s 11.00nm 5.0mb
CAF 73.49 45 iPc 45 01.40 -0.1
1.0s 20.40nm 5.1mb
TCF 73.74 44 iPc 45 02.60 -0.3
1.3s 27.80nm 5.1mb
MAF 73.98 44 iPc 45 04.00 -0.3
1.2s 27.95nm 5.2mb
AVF 74.58 44 iPc 45 07.20 -0.5
1.1s 15.65nm 5.0mb
SSF 74.71 43 iPc 45 08.00 -0.5
1.1s 11.00nm 4.8mb
DAG 74.83 11 iPd 45 08.10 -0.5
0.9s 32.77nm 5.4mb
isP 46 44.10
SMF 74.90 44 iPc 45 09.30 -0.3
1.1s 23.20nm 5.1mb
LOR 74.97 43 iPc 45 09.40 -0.6
1.0s 17.60nm 5.0mb
LBF 75.02 43 iPc 45 09.60 -0.7
1.2s 19.95nm 5.0mb
TOA 76.10 332 ePc 45 17.00 0.8
1.3s 168.50nm 5.9mb
HAU 76.71 43 iPc 45 19.60 -0.2
LPL 76.83 45 iPc 45 21.40 0.6
1.0s 11.80nm 4.9mb
LPG 76.84 45 iPc 45 21.60 0.6
0.9s 9.50nm 4.8mb
BSF 76.99 43 iPc 45 21.00 -0.5
1.0s 15.00nm 5.0mb
FBA 77.31 335 eP 45 22.47 -0.3
0.8s 1.39nm 4.1mb X
CDF 77.35 42 iPc 45 23.20 -0.3
1.2s 18.15nm 5.0mb
RUV 78.01 253 eP 45 27.30 -0.2
1.2s 55.30nm 5.5mb
TPT 78.20 253 eP 45 28.40 -0.1
1.0s 32.00nm 5.3mb
TNS 78.21 40 iPd 45 28.50 0.4
VAH 78.25 253 eP 45 28.70 -0.1
1.3s 54.20nm 5.4mb
PMO 78.46 253 eP 45 30.00 0.0
1.2s 76.20nm 5.6mb
MUD 78.96 34 eP 45 31.50 -0.4
0.8s 9.00nm 4.9mb
IMA 79.89 336 eP 45 36.77 -0.3
0.9s 9.73nm 4.8mb
MOTA 79.90 43 iPc 45 37.40 -0.1
SQTA 79.97 43 iPc 45 37.80 0.0
0.9s 11.80nm 4.9mb
GRA3 80.05 41 eP 45 38.60 0.6
0.8s 3.50nm 4.4mb
WATA 80.22 43 iPc 45 38.70 -0.5
NB2 80.25 29 P 45 39.50 0.6
0.8s 9.30nm 4.9mb
WTTA 80.26 43 iPc 45 39.40 0.0
0.8s 6.10nm 4.7mb
PPN 80.39 251 eP 45 40.20 -0.2
SVW 80.48 331 eP 45 38.82 -1.3
0.7s 50.22nm 5.6mb
PPT 80.53 251 eP 45 41.20 0.1
1.3s 140.80nm 5.8mb
PAE 80.55 251 eP 45 41.40 0.2
1.3s 207.90nm 6.0mb
AFR 80.71 251 eP 45 42.10 0.0
0.8s 76.00nm 5.8mb
TTA 80.72 333 eP 45 40.80 -0.6
1.0s 9.04nm 4.8mb
CLL 81.11 39 e(P) 45 37.00 -6.6X
KBA 81.43 44 iPc 45 45.30 -0.3
0.9s 9.20nm 4.8mb
HFS 81.45 30 eP 45 45.10 -0.1
0.6s 3.20nm 4.5mb
KHC 81.53 41 eP 45 46.00 0.1
1.0s 8.60nm 4.7mb
e 46 34.50
GEC2 81.62 42 P 45 46.40 0.0
1.4s 10.96nm 4.7mb
e 45 53.00
BRG 81.72 40 e(P) 45 47.50 0.7
VOY 81.84 45 eP 45 48.00 0.3
PRU 82.13 41 eP 45 50.00 1.1
LJU 82.29 45 e(P) 45 50.30 0.4
NUR 86.85 29 iP 46 12.70 0.2
0.7s 10.80nm 5.2mb
KAF 87.35 28 iP 46 15.10 0.2
0.4s 1.70nm 4.7mb
KKN 138.65 31 PKP 53 12.50 16.9X
DMN 138.71 32 PKP 53 12.16 16.4X
GUN 138.86 30 PKP 53 10.84 14.7X
1.6s 238.00nm
PKI 138.90 31 PKP 53 10.26 14.0X
JIRN 139.22 30 PKP 53 08.52 11.6X
1.0s 54.00nm
RAMN 140.01 30 PKP 53 02.24 4.1X
1.9s 177.00nm
TAPN 140.23 29 PKP 53 00.20 1.6
ODAN 140.48 30 PKP 52 57.34 -1.6
0.5s 1.00nm
ASPA 150.39 234 ePKP 53 20.10 4.9X
1.6s 26.40nm
WB2 151.62 241 iPKPd 53 22.80 5.7X
0.7s 29.00nm
WRA 151.63 241 PKP 53 18.90 1.8
0.7s 18.60nm
S.D. = 0.7 on 114 of 131 obs.

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* JUN 02, 1994 18h 35m 05.79± 0.73s
7.392 N ± 8.6km 72.012 W ±14.2km
DEPTH = 33.0km (normal)
5.2mb (22 obs.)
NORTHERN COLOMBIA (99)

PRM 28.23 342 (P) 40 57.99 0.2
MIAR 33.54 327 (P) 41 47.40 2.7
1.2s 41.15nm 5.2mb
FVM 34.72 334 eP 41 54.38 -0.5
0.6s 69.56nm 5.8mb
BINY 34.84 355 (P) 41 56.16 0.3
1.0s 21.79nm 5.0mb
TYS 35.24 334 (P) 41 59.24 0.0
YSNY 35.41 352 eP 42 01.71 0.9
0.6s 27.74nm 5.4mb
WMOK 36.70 322 eP 42 10.72 -1.0
0.6s 22.05nm 5.2mb
LBNH 36.70 0 (P) 42 12.61 1.0
0.7s 8.42nm 4.7mb
JAQ 46.37 357 eP 43 30.00 -0.6
SRU 46.84 318 eP 43 35.02 0.3
GLA 47.13 309 eP 43 37.17 0.2
ULM 47.13 339 eP 43 41.50 4.8X
EMUT 47.40 319 eP 43 39.63 0.3
MSU 47.63 317 eP 43 41.39 0.3
DAU 48.01 319 eP 43 44.44 0.3
ARUT 48.15 315 eP 43 45.19 0.1
TPNV 49.78 313 eP 43 57.96 0.3
HHAI 50.28 322 eP 43 59.17 -2.1
TNP 50.95 314 eP 44 06.39 -0.2
0.6s 4.25nm 4.6mb
ORV 54.61 314 (P) 44 33.28 -0.3
DPW 56.17 324 eP 44 44.15 -0.6
FRB 56.31 2 eP 44 44.00 -1.4
0.6s 8.00nm 4.9mb
INK 72.87 340 eP 46 33.00 0.0
0.8s 3.00nm 4.3mb
MBC 73.45 349 eP 46 36.50 0.2
0.6s 6.00nm 4.8mb
FBA 77.32 335 (P) 46 59.59 1.1
0.9s 1.12nm 3.9mb X
RUV 77.96 253 eP 47 02.80 -0.1
1.5s 106.60nm 5.7mb
TPT 78.15 253 eP 47 04.00 0.1
1.2s 76.20nm 5.6mb
VAH 78.21 253 eP 47 04.20 0.0
1.1s 41.00nm 5.4mb
PMO 78.41 253 eP 47 05.50 0.1
1.0s 24.80nm 5.2mb
IMA 79.90 336 eP 47 12.17 -0.6
1.4s 20.81nm 4.9mb
TVO 80.22 251 eP 47 15.50 0.3
1.4s 231.80nm 6.0mb
NB2 80.30 29 P 47 15.40 0.6
0.7s 3.40nm 4.5mb
PPN 80.34 251 eP 47 15.70 -0.1
1.1s 177.30nm 6.0mb
SVW 80.48 331 eP 47 14.88 -0.9
0.8s 37.36nm 5.4mb
PAE 80.50 251 eP 47 16.90 0.3
1.2s 150.00nm 5.9mb
AFR 80.66 251 eP 47 17.60 0.1
1.1s 114.80nm 5.8mb
TTA 80.73 333 eP 47 16.03 -1.1
1.4s 15.06nm 4.8mb
ASPA 150.34 234 ePKP 54 55.30 4.6X
1.5s 22.80nm
WB2 151.56 241 ePKP 54 58.20 5.6X
0.4s 23.30nm
WRA 151.57 241 PKP 54 59.00 6.4X
0.8s 7.20nm
S.D. = 0.8 on 36 of 40 obs.

? JUN 02, 1994 18h 44m 45.86± 0.86s
10.095 S ±20.2km 113.470 E ±19.5km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

WB2 22.39 118 iPd 49 43.00 0.0
1.1s 21.30nm 4.5mb
ASPA 23.71 127 eP 49 56.10 0.2
1.0s 39.20nm 4.9mb
BDT 30.70 332 eP 51 01.00 0.9
KMI 36.53 344 Pc 51 54.50 3.8X
1.0s 20.00nm 5.0mb
pP 52 01.60 24kmX
GKN 47.04 324 P 53 16.68 0.2
KOLN 47.47 323 P 53 19.96 0.0
DANN 47.81 324 P 53 21.92 -0.8
PYUN 48.08 323 P 53 24.40 -0.3
BJI 49.94 3 eP 53 39.00 0.5
1.0s 6.00nm 4.6mb
MAT 51.90 25 eP 53 53.00 -0.6
S.D. = 0.6 on 9 of 10 obs.

? JUN 02, 1994 19h 45m 18.63± 1.45s
4.362 S ± 8.5km 107.885 E ±44.1km
DEPTH = 33.0km (normal)
5.2mb (9 obs.)
JAVA SEA (275)

LEM 2.46 186 iPd 45 57.50 0.0
KMI 29.73 351 eP 51 24.40 -0.1
1.2s 10.00nm 4.5mb
WB2 30.07 123 eP 52 14.60 47.2X
0.3s 2.40nm
ASPA 31.59 130 eP 52 27.00 46.2X
TAPN 37.06 329 P 52 28.70 0.7
0.7s 22.00nm 5.1mb
JIRN 38.10 328 P 52 36.80 0.0
0.6s 38.00nm 5.4mb
PKI 38.45 327 P 52 39.74 0.1
GUN 38.47 328 P 52 40.22 0.4
0.6s 37.00nm 5.4mb
DMN 38.65 327 P 52 41.24 0.0
0.6s 35.00nm 5.3mb
KKN 38.69 327 P 52 41.52 -0.1
0.8s 16.00nm 4.9mb
GKN 39.21 326 P 52 45.82 0.0
KOLN 39.61 325 P 52 48.98 -0.3
0.6s 39.00nm 5.3mb
DANN 39.97 326 P 52 52.10 -0.2
0.6s 44.00nm 5.4mb
PYUN 40.21 325 P 52 53.68 -0.5
0.9s 34.00nm 5.1mb
S.D. = 0.3 on 12 of 14 obs.

% JUN 02, 1994 20h 15m 11.53± 1.22s
33.118 S ±10.7km 70.134 W ±18.6km
DEPTH = 110.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.6 (SAN).

FCH 0.25 212 iPd 15 27.48 -0.4
iS 15 40.63
PEL 0.46 267 iP+ 15 28.76 0.3
iS 15 40.92
JACH 0.58 318 iP+ 15 29.23 -0.1
iS 15 42.86
PCH 0.59 212 iP+ 15 29.53 0.1
iS 15 43.48
ROCH 0.75 281 iP+ 15 30.93 0.1

02d 20h

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              iS      15 45.58
CHCH    0.92 208 iPd  15 32.12  -0.1
             (S)      15 50.14
CACH    1.07 201 iPd  15 34.32   0.4
              iS      15 52.81
LCCH    1.25 253 iPd  15 35.92   0.1
              iS      15 54.15
LNV     1.35 232 iP   15 36.42  -0.5
              iS      15 56.57
   S.D. = 0.4  on   9 of   9 obs.
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* JUN 02, 1994  21h 02m 06.49± 0.52s
  11.860 S ±16.9km  111.884 E ±22.7km
  DEPTH =  33.0km  (normal)
  4.8mb (  5 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM     6.54 320 iPd  03 45.20   2.2
NANU   11.20 162 iPc  04 46.80  -0.5
MBL    11.98 142 eP   04 59.00   1.0
             eS       07 03.00
WB2    23.03 113 iPc  07 10.10   0.1
       0.6s     4.80nm          4.2mb
             i        07 23.50
ASPA   23.99 122 eP   07 33.90  14.6X
       0.5s     8.40nm
STKA   33.83 131 eP   08 52.60   4.6X
ODAN   45.25 329 P    10 22.42  -0.6
GUN    46.88 328 P    10 35.64  -0.4
       0.5s     7.00nm          4.9mb
DMN    47.05 327 P    10 36.72  -0.5
KKN    47.10 327 P    10 37.16  -0.5
       1.0s    13.00nm          4.9mb
GKN    47.61 327 P    10 41.08  -0.5
KOLN   47.99 326 P    10 44.42  -0.2
       0.3s     2.00nm          4.7mb
DANN   48.36 326 P    10 47.16  -0.4
PYUN   48.59 325 P    10 49.60   0.4
       1.1s    21.00nm          5.1mb
   S.D. = 0.9  on  12 of  14 obs.
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* JUN 02, 1994  21h 04m 29.42± 2.34s
  35.196 N ±21.9km   23.465 E ±18.5km
  DEPTH =  77.2 ± 10.9 km
  4.0mb (  3 obs.)
 CRETE                            (370)
      MD 3.8 (ATH).

VAM     0.64  70 iPnc 04 43.80  -0.6
             eSn      04 56.20
VLI     1.58 344 ePb  04 58.00   1.9
NPS     1.76  87 ePn  04 59.50   1.0
ATH     2.78   4 ePn  05 14.00   1.5
AGG     3.93 347 eP   05 29.68   1.1
PAIG    4.73   2 eP   05 39.76   0.0
LIT     4.96 351 eP   05 42.76  -0.2
IGT     5.00 331 eP   05 42.32  -1.2
KSL     5.07  78 ePn  05 43.40  -1.1
OUR     5.15   4 eP   05 45.68   0.1
KZN     5.28 346 ePn  05 47.40  -0.1
SOH     5.62 359 iP   05 52.68   0.5
GRG     5.81 352 eP   05 53.56  -1.4
FNA     5.82 344 eP   05 54.12  -0.9
SRS     5.91   1 eP   05 56.00  -0.3
KNT     5.97 356 eP   05 56.96  -0.2
SKO     6.95 347 ePn  06 08.80  -1.8
GEC2   15.43 335 Pn   08 09.50   5.6X
       0.4s     1.11nm        3.4mb X
             e        08 20.10
KHC    15.72 335 eP   08 12.50   5.1X
       1.0s     5.40nm          3.7mb
             e        08 23.00
HFS    25.75 349 eP   09 54.60   0.5
       0.4s     1.50nm          3.9mb
NB2    27.03 347 P    10 07.00   1.1
       0.4s     0.70nm        3.5mb X
PYUN   50.52  81 P    13 29.98   7.9X
       0.8s    62.00nm        5.7mb X
DANN   51.04  80 P    13 27.64   1.5
       0.6s   137.00nm        6.2mb X
KOLN   51.15  81 Pc   13 25.26  -1.6
       0.5s   103.00nm        6.1mb X
GKN    51.89  80 P    13 21.74 -10.7X
       0.4s    46.00nm
KMI    67.64  74 eP   15 30.20   9.6X
       1.0s    20.00nm          5.0mb
             pP       15 40.60  33kmX
```

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             PP       16 18.20
   S.D. = 1.2  on  21 of  26 obs.
--------------------------------------
* JUN 02, 1994  21h 04m 49.68± 0.48s
  10.214 S ± 8.1km  113.499 E ±10.0km
  DEPTH =  24.0km  (  4 depth phases)
  4.9mb ( 10 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM     6.72 300 ePc  06 29.50  -0.1
MBL    12.47 152 eP   07 41.50  -7.1X
             eS       09 46.00
KKM    16.38  10 ePc  08 37.50  -2.3
MEEK   17.04 164 eP   08 43.00  -5.1X
       0.4s    24.00nm          4.7mb
             eS       11 35.00
MRWA   19.05 173 eP   09 02.00 -10.9X
       0.4s    10.00nm
             e        09 07.50
             eS       12 25.00
IPM    19.24 319 ePd  09 16.50   1.2
WARB   20.17 144 eP   09 25.00  -0.4
             eS       12 50.00
PPR    20.53  15 ePd  09 30.50   1.4
COOL   21.76 162 eP   09 37.00  -4.6X
       0.6s    63.00nm          5.2mb
             e        09 43.00  22km
MUN    21.80 174 eP   09 40.00  -2.0
             e        09 47.00  25km
WB2    22.31 118 iPd  09 49.00   1.8
       0.6s    19.30nm          4.7mb
ASPA   23.62 127 iPd  10 01.00   1.0
       1.2s    33.00nm          4.7mb
NST    28.93 333 eP   10 50.00   0.7
             e        15 08.50
BDT    30.82 332 eP   11 06.00  -0.1
CHTO   32.22 333 eP   11 19.00   0.5
             e        14 49.20
STKA   33.76 134 iPd  11 31.90   0.1
KMI    36.66 344 eP   11 59.00   2.3
       1.2s    40.00nm          5.2mb
             pP       12 06.40  25km
SHL    41.33 330 iPd  12 35.50   0.0
SSE    41.73  10 iPc  12 40.50   2.0
       1.0s    47.00nm          5.2mb
GBA    42.90 303 P    12 53.00   4.6X
HYB    44.12 308 eP   12 57.00  -1.2
LZH    46.94 349 eP   13 21.20   0.6
       2.0s    50.00nm          5.2mb
     N 20s      3.32um
             pP       13 28.50  24km
TKSJ   48.10  23 P    13 29.50   0.0
WKYJ   48.92  24 P    13 35.70  -0.2
YONJ   48.95  22 P    13 35.80  -0.3
BJI    50.06   3 eP   13 44.00  -0.5
       1.0s     6.00nm          4.6mb
CHJJ   51.92  26 P    13 57.20  -1.5
MAT    52.00  25 eP   13 57.00  -2.4
       0.7s     8.90nm          4.8mb
MAIO   68.68 315 eP   15 53.00  -0.6
SLR    81.37 245 eP   17 06.50   0.0
       0.8s    11.19nm          4.9mb
             e        21 24.00
OBN    90.91 326 eP   17 51.00  -1.5
             e        18 04.50  45kmX
XIN   145.43 237 ePKP 24 28.40   0.0
ITR   146.29 237 ePKP 24 31.50   1.7
SOB1  148.04 234 ePKP 24 37.30   4.7X
BAO   148.45 216 ePKP 24 38.00   4.7X
LPB   153.38 177 PKP  24 55.90  14.9X
   S.D. = 1.3  on  28 of  36 obs.
--------------------------------------
? JUN 02, 1994  21h 18m 00.54± 0.81s
  11.426 S ±24.2km  112.607 E ±27.2km
  DEPTH =  33.0km  (normal)
  4.8mb (  5 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM     6.72 312 iPd  19 44.30   4.7X
MBL    11.90 145 eP   20 51.00   0.0
             eS       22 56.00
IPM    19.64 323 eP   22 30.00   0.4
WB2    22.56 115 iPc  22 58.20  -1.2
       0.8s    10.80nm          4.4mb
ASPA   23.63 124 iPd  23 11.20   1.4
       1.0s    37.80nm          4.9mb
NST    29.62 335 eP   24 09.60   4.4X
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STKA   33.58 132 iPc  24 42.60   2.7X
KMI    37.58 345 ePc  25 15.00   0.9
       1.2s    20.00nm          4.9mb
             pP       25 27.50  47kmX
ODAN   45.26 328 P    26 18.81   1.7
TAPN   45.49 328 P    26 21.09   2.0
RAMN   45.75 327 P    26 23.13   2.1
PKI    46.88 326 P    26 30.67   0.6
GUN    46.90 327 P    26 29.23  -1.0
DMN    47.08 326 P    26 31.35  -0.2
KKN    47.12 326 P    26 31.55  -0.3
GKN    47.64 326 P    26 35.03  -0.9
LZH    47.97 350 eP   26 39.00   0.6
       2.0s    30.00nm          5.0mb
KOLN   48.04 325 P    26 38.13  -1.0
DANN   48.40 325 P    26 39.51  -2.4
PYUN   48.64 324 P    26 42.31  -1.4
BJI    51.31   4 eP   27 02.50  -1.1
       1.0s     6.00nm          4.5mb
   S.D. = 1.4  on  18 of  21 obs.
--------------------------------------
* JUN 02, 1994  21h 40m 07.77± 0.73s
  11.220 S ±13.4km  112.326 E ±17.6km
  DEPTH =  33.0km  (normal)
  4.5mb (  3 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM     6.38 313 ePc  41 42.50   0.4
NANU   11.69 165 iPc  42 54.80  -0.5
MBL    12.23 145 eP   42 58.00  -4.6X
             eS       45 05.00
MEEK   16.44 160 eP   43 57.50  -0.2
WB2    22.90 115 iPc  45 09.00  -0.9
       0.7s    10.60nm          4.4mb
             i        45 19.60
ASPA   23.98 124 iPd  45 21.10   0.7
       0.7s    10.00nm          4.5mb
             i        45 30.40
STKA   33.93 132 iPd  46 51.30   1.2
             i        47 00.70
KMI    37.31 346 eP   47 18.40  -0.7
       1.2s    20.00nm          4.9mb
LPB   152.42 179 PKP  00 10.00  13.6X
   S.D. = 1.0  on   7 of   9 obs.
--------------------------------------
? JUN 02, 1994  21h 47m 58.12± 0.67s
  11.065 S ±30.1km  112.012 E ±33.2km
  DEPTH =  33.0km  (normal)
  4.8mb (  4 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

MBL    12.53 144 eP   50 56.00  -1.0
             eS       53 04.00
WB2    23.24 115 eP   53 02.30  -1.3
       0.5s     4.70nm          4.2mb
             i        53 11.70
ASPA   24.32 124 eP   53 15.10   1.0
       0.4s     6.40nm          4.5mb
             i        53 25.60
STKA   34.26 132 eP   54 44.90   1.6
TAPN   44.88 329 P    56 11.83   0.0
JIRN   45.91 327 P    56 19.99  -0.1
GUN    46.28 327 P    56 22.87  -0.1
DMN    46.45 326 P    56 24.29   0.1
       0.6s    12.00nm          5.1mb
KKN    46.50 327 P    56 24.09  -0.5
GKN    47.02 326 P    56 28.77   0.2
KOLN   47.41 325 P    56 31.95   0.2
DANN   47.77 326 P    56 34.63  -0.1
       0.6s    19.00nm          5.3mb
PYUN   48.01 325 P    56 36.35  -0.1
   S.D. = 0.8  on  13 of  13 obs.
--------------------------------------
% JUN 02, 1994  22h 15m 37.97± 1.06s
  34.038 S ±10.6km   71.251 W ± 8.2km
  DEPTH =  60.0km  (geophysicist)
 NEAR COAST OF CENTRAL CHILE      (135)
      MD 3.7 (SAN).

LNV     0.16 302 iP+  15 47.30   0.0
             iS       15 55.06
CHCH    0.51  78 iP   15 50.06  -0.1
             iS       15 59.65
CACH    0.55  98 iP   15 50.99   0.3
             iS       16 01.29
LCCH    0.62 335 iP+  15 51.07  -0.3
             iS       16 01.32
```

PCH 0.74 56 eP 15 52.59 -0.3
iS 16 03.85
PEL 1.01 28 eP 15 56.60 0.3
iS 16 10.37
FCH 1.07 49 iPd 15 57.06 -0.3
iS 16 12.28
ROCH 1.08 11 iP 15 57.71 0.2
iS 16 12.13
JACH 1.46 22 iP 16 02.80 0.3
iS 16 21.12
S.D. = 0.3 on 9 of 9 obs.

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* JUN 02, 1994 22h 37m 45.07± 0.81s
35.243 N ± 7.7km 4.125 W ±10.2km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.1 (MDD). MD 2.9 (RBA).

EMEL 0.96 86 eP 38 02.10 -1.2
eS 38 14.00
TAF 1.47 106 iPg 38 13.00 1.4
eSn 38 32.00
EGUA 1.65 16 eP 38 13.15 -1.1
eS 38 33.00
ERON 1.79 8 eP 38 17.57 1.2
eS 38 39.50
ELOJ 1.90 359 eP 38 20.84 2.9X
eS 38 41.50
IFR 1.91 206 iPn 38 18.50 0.3
iSn 38 42.50
ECOG 2.08 12 eP 38 20.55 0.0
TIO 5.05 212 iPn 39 02.00 -0.7
iSn 39 58.00
S.D. = 1.3 on 7 of 8 obs.

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* JUN 02, 1994 23h 18m 50.56± 0.60s
10.388 S ±15.1km 113.044 E ±14.1km
DEPTH = 33.0km (normal)
4.9mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.43 303 ePc 20 27.00 1.4
WB2 22.63 117 iPc 23 50.30 0.2
0.7s 32.90nm 4.9mb
i 23 57.80
ASPA 23.87 126 iPd 24 02.70 0.5
1.2s 26.10nm 4.6mb
eS 28 30.10
NST 28.88 334 eP 24 49.00 0.5
CHTO 32.18 334 eP 25 17.80 0.0
STKA 33.97 133 iPd 25 33.10 -0.1
KMI 36.70 344 ePd 25 58.00 1.3
1.2s 20.00nm 4.9mb
pP 26 05.60 26kmX
SHL 41.25 330 eP 26 34.50 -0.1
GBA 42.62 303 P 26 45.00 -0.7
HYB 43.87 309 eP 26 54.00 -1.9
BJI 50.25 3 eP 27 44.50 -1.1
SLR 80.89 245 iPc 31 03.60 0.0
0.8s 11.19nm 4.9mb
S.D. = 1.0 on 12 of 12 obs.

JUN 02, 1994 23h 24m 29.36± 0.45s
11.084 S ± 8.2km 112.741 E ± 8.7km
DEPTH = 33.0km (normal)
4.6mb (5 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.91 47 eP 25 28.10 -0.5
eS 26 10.00
e 29 34.00
LEM 6.60 309 ePc 26 05.00 -1.7
MBL 12.11 147 eP 27 22.00 -0.6
0.3s 6.00nm 5.2mb
eS 29 27.00
MEEK 16.43 161 eP 28 22.00 2.8X
0.3s 14.00nm 4.6mb
eS 31 13.00
MRWA 18.30 171 eP 28 35.00 -7.4X
e 28 47.00
eS 31 54.00
WARB 19.95 141 eP 29 02.00 0.4
e 29 10.00
eS 32 35.00
WB2 22.59 116 eP 29 33.00 4.5X
0.9s 6.80nm 4.1mb
ASPA 23.71 125 eP 29 45.00 5.6X
1.1s 11.70nm 4.3mb
STKA 33.71 132 eP 31 16.00 6.1X
KMI 37.29 345 eP 31 43.00 2.5X
ODAN 45.04 327 P 32 44.68 0.4
TAPN 45.27 328 P 32 46.92 0.8
RAMN 45.54 327 P 32 48.84 0.6
JIRN 46.32 327 P 32 55.08 0.5
PKI 46.67 326 P 32 57.22 -0.1
GUN 46.68 327 P 32 57.92 0.5
DMN 46.87 326 P 32 58.84 0.1
KKN 46.92 326 P 32 59.04 0.0
GKN 47.44 326 P 33 02.90 -0.2
LZH 47.66 350 eP 33 04.50 -0.3
1.4s 26.00nm 5.1mb
KOLN 47.84 324 P 33 06.46 0.1
DANN 48.19 325 P 33 09.16 0.0
PYUN 48.44 324 P 33 11.10 0.1
MOCB 147.83 183 PKP 44 19.70 8.7X
LPB 152.55 178 ePKP 44 07.00 -11.1X
S.D. = 0.6 on 17 of 25 obs.

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* JUN 02, 1994 23h 32m 11.74± 0.64s
10.720 S ±10.9km 112.621 E ±10.5km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.76 52 eP 33 08.20 -0.7
LEM 6.28 308 iPc 33 44.20 -0.5
MBL 12.48 147 eP 35 02.00 -7.9X
eS 37 07.00
MEEK 16.81 161 eP 36 01.30 -5.1X
0.4s 17.00nm 4.5mb
eS 38 51.00
WARB 20.30 141 eP 36 47.00 -0.7
eS 40 17.00
ASPA 24.02 125 iPd 37 26.00 1.2
1.3s 12.20nm 4.3mb
eS 41 46.00
NST 28.99 335 eP 38 11.50 0.8
CHTO 32.30 335 eP 38 40.00 0.0
STKA 34.05 133 eP 38 54.90 -0.2
KMI 36.90 345 eP 39 21.00 1.3
1.0s 10.00nm 4.6mb
GBA 42.46 304 P 40 05.00 -0.6
LZH 47.28 350 eP 40 43.50 -0.7
1.2s 23.00nm 5.1mb
S.D. = 0.9 on 10 of 12 obs.

JUN 02, 1994 23h 54m 22.20± 0.44s
39.313 N ± 4.0km 22.175 E ± 4.3km
DEPTH = 8.0 ± 3.1 km
GREECE (364)
ML 3.2 (ATH).

AGG 0.31 157 ePg 54 29.20 0.5
eSg 54 33.92
LIT 0.82 17 iPg 54 38.53 0.2
eSg 54 51.46
KZN 1.04 343 ePb 54 41.10 -1.0
PAIG 1.31 62 ePb 54 47.24 0.6
eSb 55 05.58
IGT 1.44 279 ePb 54 49.32 0.7
eSb 55 07.06
THE 1.45 24 ePb 54 48.98 0.3
eSb 55 08.14
LSK 1.47 305 ePg 54 47.00 -2.1
FNA 1.59 338 ePb 54 50.54 -0.2
eSb 55 11.52
GRG 1.65 6 ePb 54 52.00 0.4
VLS 1.68 228 ePn 54 53.00 1.0
KBN 1.69 321 ePn 54 52.90 0.7
OUR 1.73 53 ePb 54 53.60 1.0
eSb 55 16.86
SOH 1.76 31 ePb 54 53.72 0.6
eSb 55 17.46
SRN 1.77 289 ePn 54 53.70 0.4
ATH 1.80 137 ePn 54 53.90 0.1
KEK 1.88 283 ePn 54 55.10 0.2
KNT 1.93 16 iPb 54 56.34 0.7
eSb 55 21.76
TPE 1.93 301 ePn 54 57.40 1.7
VAY 2.03 8 iPn 54 58.00 1.0
SRS 2.10 31 ePn 54 57.96 -0.2
VLO 2.36 300 ePn 55 04.50 2.6
VLI 2.66 167 ePn 55 05.40 -0.7
SKO 2.71 348 ePn 55 08.00 1.1
S.D. = 1.0 on 23 of 23 obs.

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* JUN 03, 1994 00h 02m 38.54± 0.78s
10.581 S ±10.8km 113.099 E ±26.4km
DEPTH = 33.0km (normal)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.58 304 iPc 04 29.30 13.6X
MBL 12.35 149 eP 05 40.50 5.5X
0.4s 18.00nm 5.6mb
eS 07 53.00
MEEK 16.80 163 eP 06 42.50 9.5X
0.3s 8.00nm 4.3mb
eS 09 40.00
MRWA 18.74 172 eP 06 57.00 0.0
e 07 07.00
eS 10 28.00
ASPA 23.72 126 iPd 07 57.60 9.0X
0.8s 25.30nm 4.8mb
STKA 33.80 133 eP 09 28.10 8.4X
GBA 42.77 303 P 10 35.00 0.1
HYB 44.03 309 ePc 10 46.00 0.8
ODAN 44.81 327 P 10 51.70 0.1
0.6s 25.00nm 5.3mb
TAPN 45.03 327 P 10 53.80 0.3
0.7s 23.00nm 5.2mb
JIRN 46.10 326 P 11 02.20 0.2
0.6s 25.00nm 5.3mb
PKI 46.46 325 P 11 04.38 -0.4
GUN 46.46 326 P 11 04.90 0.1
0.6s 27.00nm 5.4mb
DMN 46.66 325 P 11 06.32 0.1
0.7s 25.00nm 5.3mb
KKN 46.70 325 P 11 06.18 -0.4
GKN 47.23 325 P 11 10.36 -0.3
LZH 47.23 350 eP 11 11.00 0.5
1.0s 22.00nm 5.1mb
sP 11 18.00
KOLN 47.64 324 P 11 13.66 -0.3
0.7s 31.00nm 5.4mb
DANN 47.99 324 P 11 16.48 -0.3
0.7s 44.00nm 5.6mb
PYUN 48.25 324 P 11 18.30 -0.4
S.D. = 0.4 on 15 of 20 obs.

& JUN 03, 1994 00h 08m 56.43s
63.023 N 150.399 W
DEPTH = 102.4km
CENTRAL ALASKA (1)
<AEIC>.

HUR 0.35 97 eP 09 11.51 -0.3
eS 09 22.83
TRF 0.43 7 eP 09 12.19 -0.3
eS 09 24.37
KTH 0.58 336 eP 09 13.01 -0.4
eS 09 25.69
CUT 0.62 174 iP 09 13.28 -0.3
eS 09 26.80
RND 0.80 61 eP 09 15.14 -0.2
MCK 0.97 42 eP 09 17.35 0.3
BWN 1.23 19 eP 09 19.96 0.1
DHY 1.38 86 eP 09 19.79 -2.1
PWA 1.40 170 P 09 21.70 -0.2
GHO 1.43 151 eP 09 22.29 -0.1
SML 1.55 141 eP 09 23.36 -0.5
PLRM 1.55 157 eP 09 23.95 0.1
PMR 1.55 157 eP 09 22.45 -1.4
NEA 1.67 20 eP 09 24.59 -0.7
WRH 1.78 34 eP 09 26.07 -0.7
NCG 1.82 208 eP 09 26.40 -1.0
PMS 1.83 167 P 09 26.90 -0.5
KNK 1.86 150 eP 09 27.00 -0.7
SCM 1.86 129 eP 09 26.97 -0.9
CGLM 1.88 204 eP 09 27.07 -1.1
CRP 1.95 206 eP 09 28.22 -0.8
CP2 1.97 207 eP 09 28.14 -1.2
CKN 1.99 206 eP 09 29.30 -0.2
CCB 1.99 34 eP 09 28.76 -0.7
SPU 2.01 204 eP 09 28.66 -1.1
CKT 2.02 206 eP 09 29.73 -0.2
MLY 2.02 356 eP 09 29.14 -0.8
HDA 2.07 46 eP 09 29.83 -0.7
BKG 2.15 205 eP 09 30.94 -0.7
TOA 2.16 113 P 09 31.80 0.0
MDM 2.17 25 eP 09 31.13 -0.7
FBA 2.21 30 eP 09 31.55 -0.8

03d 00h

PAX 2.25 89 eP 09 33.08 0.1
PTE 2.26 163 eP 09 33.11 0.1
SDG 2.29 100 eP 09 33.26 -0.2
NKA 2.32 190 eP 09 36.28 2.5
IL1 2.34 40 eP 09 33.24 -0.9
ILB 2.34 40 eP 09 33.26 -0.9
eS 10 01.09
GLM 2.38 33 eP 09 34.00 -0.6
TZL 2.51 111 eP 09 36.41 0.1
SLKM 2.53 178 eP 09 35.80 -0.8
TTA 2.56 270 ePc 09 35.44 -1.7
KLU 2.60 124 eP 09 35.99 -1.6
RDT 2.64 202 eP 09 38.05 -0.1
VZW 2.68 136 eP 09 36.87 -1.8
VLZ 2.70 133 eP 09 36.70 -2.1
REF 2.77 204 eP 09 39.98 -0.1
RS2 2.80 205 eP 09 41.03 0.5
RED 2.85 204 eP 09 41.27 0.3
DOT 2.93 75 eP 09 42.49 0.5
FID 2.94 139 eP 09 40.26 -1.9
SEW 2.97 171 eP 09 41.46 -1.0
NNL 3.02 189 eP 09 44.09 0.8
SVW 3.12 234 eP 09 42.66 -2.0
HIN 3.22 143 eP 09 44.15 -1.9
INE 3.23 204 eP 09 47.00 0.7
BRLK 3.28 184 eP 09 45.86 -1.0
PRP 3.29 38 eP 09 46.11 -0.9
IM3 3.31 336 eP 09 45.82 -1.3
MTU 3.32 155 eP 09 46.35 -1.0
IMA 3.37 337 eP 09 46.38 -1.8
GLB 3.47 114 eP 09 48.10 -1.3
CNPM 3.53 187 eP 09 49.08 -1.2
PDB 3.72 211 eP 09 52.41 -0.4
BCA3 3.92 86 eP 09 54.11 -1.5
AUL 3.94 203 eP 09 57.04 1.3
AUP 3.95 203 (P) 09 56.07 0.0
BALM 4.29 114 eP 09 58.58 -2.1
MCNL 4.30 208 eP 10 00.96 0.2
CDD 4.40 202 eP 10 01.27 -0.9
SYI 4.53 193 eP 10 02.51 -1.4
BM3 5.04 26 eP 10 09.53 -1.5
72 obs. associated

% JUN 03, 1994 01h 07m 57.47± 0.74s
26.420 S ± 5.8km 27.376 E ± 8.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.9 (PRE).

PRY 0.51 170 eP 08 06.70 -1.1
S 08 11.80
KSR 0.70 322 iPd 08 10.70 -0.8
S 08 19.00
SLR 1.06 50 iPd 08 18.50 0.4
S 08 30.00
SEK 1.91 173 eP 08 31.60 0.5
S 08 53.80
SWZ 1.98 247 eP 08 32.90 0.7
S 08 55.50
BOSA 2.79 218 eP 08 44.20 0.6
S 09 09.80
BLF 2.88 201 eP 08 44.70 -0.3
S 09 25.00
S.D. = 0.9 on 7 of 7 obs.
----
* JUN 03, 1994 01h 32m 26.03± 0.54s
11.417 S ±20.2km 112.182 E ±24.8km
DEPTH = 33.0km (normal)
4.8mb (6 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.41 315 iPc 33 59.50 -1.3
NANU 11.54 164 eP 35 23.50 12.0X
eS 37 22.00
MBL 12.15 144 eP 35 17.00 -2.8
0.4s 21.00nm 5.6mb
eS 37 20.00
MEEK 16.31 159 eP 36 16.00 1.7
0.4s 22.00nm 4.6mb
eS 39 09.00
WARB 20.05 139 eP 37 04.00 4.6X
0.5s 8.00nm 4.3mb
WB2 22.94 114 iPc 37 27.70 -0.9
0.6s 9.40nm 4.5mb
epP 37 37.00 34kmX
eS 41 28.70
ASPA 23.98 123 eP 37 40.70 2.0

0.5s 20.90nm 4.9mb
FORT 24.25 145 eP 37 45.00 3.9X
STKA 33.90 131 eP 39 12.40 4.2X
ODAN 45.03 328 P 40 40.08 -0.7
TAPN 45.26 329 P 40 42.84 0.1
RAMN 45.51 327 P 40 45.60 0.9
JIRN 46.30 327 P 40 51.42 0.4
PKI 46.64 327 P 40 53.88 0.2
GUN 46.66 327 P 40 53.96 0.1
DMN 46.84 326 P 40 55.50 0.3
KKN 46.89 327 P 40 56.16 0.7
GKN 47.40 326 P 40 59.64 0.1
KOLN 47.80 325 P 41 02.52 -0.1
DANN 48.15 326 P 41 05.46 -0.1
0.7s 35.00nm 5.5mb
PYUN 48.39 325 P 41 07.00 -0.3
LPAZ 152.47 179 PKP 52 32.10 17.1X
S.D. = 1.2 on 17 of 22 obs.

JUN 03, 1994 01h 33m 17.25± 0.48s
39.655 N ± 4.4km 29.016 E ± 3.7km
DEPTH = 9.4 ± 3.3 km
TURKEY (366)
ML 3.0 (ISK).

DST 0.30 261 iPg 33 22.60 -1.0
eSg 33 27.60
IZI 0.77 27 iPg 33 32.10 -0.2
eSg 33 43.10
KCT 0.78 320 ePg 33 32.20 -0.3
YLV 0.95 17 iPn 33 34.60 -0.9
BNT 1.09 310 iPn 33 38.00 0.1
EDC 1.12 308 iPn 33 38.50 0.2
GPA 1.18 57 iPn 33 39.30 0.0
EYL 1.26 44 ePn 33 41.10 0.3
HRT 1.27 23 ePn 33 41.00 0.1
KHL 1.39 163 ePn 33 42.50 -0.3
ISK 1.41 1 ePn 33 43.10 0.1
KGT 1.54 302 ePn 33 44.60 -0.2
MFT 1.74 311 ePn 33 48.10 0.2
IZM 1.86 228 ePn 33 50.00 0.5
EZN 2.08 276 ePn 33 53.00 0.3
S.D. = 0.5 on 15 of 15 obs.

? JUN 03, 1994 01h 49m 41.89± 8.81s
11.196 S ±50.8km 114.067 E ±83.3km
DEPTH = 33.0km (normal)
3.9mb (2 obs.)
SOUTH OF BALI, INDONESIA (284)

MBL 11.35 152 eP 52 24.30 -0.5
0.4s 12.00nm 5.4mb X
eS 54 35.00
MEEK 15.95 165 eP 53 25.50 -0.1
eS 56 25.00
WARB 19.06 143 eP 54 05.00 0.7
WB2 21.37 116 eP 54 28.30 -0.5
0.5s 3.10nm 4.0mb
ASPA 22.59 126 eP 54 41.40 0.4
1.6s 5.50nm 3.8mb
S.D. = 0.8 on 5 of 5 obs.

& JUN 03, 1994 02h 03m 49.09s
59.121 N 154.506 W
DEPTH = 127.7km
3.1mb (1 obs.)
SOUTHERN ALASKA (2)
<AEIC>.

MCNL 0.11 54 iP 04 05.95 0.8
eS 04 18.85
CDD 0.49 113 iP 04 07.05 -1.1
AUI 0.59 68 eP 04 07.77 -1.0
eS 04 22.19
AUH 0.60 66 eP 04 08.01 -0.8
AGU 0.60 66 eP 04 08.01 -0.9
AUP 0.61 66 iPd 04 07.73 -1.2
AUL 0.61 64 eP 04 08.04 -0.8
AUE 0.63 67 eP 04 08.21 -0.7
PDB 0.69 13 eP 04 08.38 -1.0
eS 04 23.18
INE 1.20 37 eP 04 12.84 -1.4
eS 04 31.45
SYI 1.21 114 eP 04 12.70 -1.5
HOM 1.56 69 eP 04 14.89 -3.2
RED 1.57 33 eP 04 16.88 -1.4
eS 04 38.74

RS2 1.61 33 P 04 17.60 -1.3
S 04 40.20
RSO 1.61 33 eP 04 17.56 -1.3
REF 1.65 33 eP 04 17.87 -1.4
eS 04 40.12
CNPM 1.72 75 eP 04 18.68 -1.4
eS 04 40.93
DFR 1.74 31 eP 04 18.81 -1.5
eS 04 42.17
KDC 1.74 142 eP 04 17.76 -2.4
RDT 1.80 35 eP 04 19.44 -1.6
eS 04 42.69
NNL 1.88 59 eP 04 20.78 -1.1
SVW 2.07 345 eP 04 21.63 -2.7
CKT 2.38 28 eP 04 26.66 -1.6
BGL 2.40 25 eP 04 27.21 -1.3
SPU 2.40 30 eP 04 26.72 -1.8
CKN 2.41 28 eP 04 27.20 -1.4
CRP 2.45 28 eP 04 27.95 -1.3
CGLM 2.52 29 eP 04 28.47 -1.7
NCG 2.57 26 eP 04 29.42 -1.4
SLKM 2.57 55 eP 04 28.40 -2.3
SEW 2.75 67 eP 04 30.81 -2.1
PMS 3.26 47 P 04 37.20 -2.6
PTE 3.26 55 eP 04 37.12 -2.6
PWA 3.42 40 P 04 39.30 -2.5
MTU 3.60 73 eP 04 41.61 -2.6
PLRM 3.64 45 eP 04 40.61 -4.2
PMR 3.64 45 eP 04 40.58 -4.2
KNK 3.79 50 eP 04 43.02 -3.8
GHO 3.84 44 eP 04 44.22 -3.3
SML 4.07 46 eP 04 46.66 -4.0
HIN 4.25 69 eP 04 49.71 -3.2
FID 4.36 65 eP 04 50.22 -4.2
VZW 4.43 61 eP 04 52.20 -3.3
SCM 4.47 49 eP 04 52.28 -3.8
HUR 4.54 29 eP 04 54.02 -2.8
VLZ 4.56 60 eP 04 53.47 -3.6
CVA 4.64 68 eP 04 55.06 -3.2
KTH 4.77 20 eP 04 57.65 -2.4
TRF 4.80 23 eP 04 58.00 -2.5
KLU 4.89 57 eP 04 57.81 -3.9
TOA 5.08 50 P 05 00.90 -3.4
RND 5.09 30 eP 05 01.34 -3.1
MCK 5.34 28 eP 05 04.48 -3.3
TZL 5.35 53 eP 05 04.36 -3.5
SDG 5.56 48 eP 05 07.79 -2.9
GLB 5.81 62 eP 05 10.48 -3.7
PAX 5.84 45 eP 05 10.75 -4.0
NEA 6.05 23 eP 05 13.37 -4.0
WRH 6.17 27 eP 05 14.77 -4.3
BALM 6.38 67 eP 05 18.54 -3.5
CCB 6.38 27 eP 05 17.56 -4.4
HDA 6.40 31 eP 05 17.85 -4.3
MDM 6.56 24 eP 05 20.37 -4.0
FBA 6.60 26 eP 05 20.52 -4.4
IL1 6.71 29 eP 05 21.49 -4.9
ILB 6.71 29 eP 05 21.53 -4.9
GLM 6.77 27 eP 05 23.31 -3.9
IM3 6.90 3 eP 05 26.40 -2.6
BCA3 7.32 52 eP 05 31.70 -3.0
BM3 9.43 24 eP 05 57.50 -5.6
YKA 19.53 63 eP 08 04.40 -4.0
0.4s 0.40nm 3.1mb
71 obs. associated

% JUN 03, 1994 02h 40m 23.43± 1.01s
16.702 N ± 9.8km 61.528 W ±13.8km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

SEG 0.30 176 iPc 40 30.74 -0.4
BPA 0.46 317 eP 40 33.60 0.0
S 40 40.09
DEG 0.59 131 ePc 40 35.26 -0.2
S 40 43.52
DOG 0.67 187 eP 40 36.51 0.0
PAG 0.68 192 eP 40 36.60 -0.1
S 40 45.79
MGG 0.81 165 eP 40 38.93 0.6
S.D. = 0.4 on 6 of 6 obs.
----
* JUN 03, 1994 02h 55m 17.48± 0.43s
10.351 S ±12.6km 112.766 E ±17.9km
DEPTH = 23.2km (2 depth phases)
5.1mb (10 obs.)
SOUTH OF JAWA, INDONESIA (282)

```
LEM      6.18 304 ePc     56 56.50    6.7X
NANU    12.43 168 iPc     58 18.50    2.6
                  eS      00 16.00
MBL     12.71 149 eP      58 11.40   -8.3X
       0.4s    10.00nm           5.3mb
                  eS      00 20.00
MEEK    17.12 162 eP      59 11.50   -5.4X
       0.3s    15.00nm           4.6mb
                  eS      02 06.00
WARB    20.50 142 eP      59 55.00   -1.7
WB2     22.89 117 iP      00 19.80   -1.0
       1.0s    19.90nm           4.6mb
ASPA    24.12 126 eP      00 33.10    0.4
       0.8s    24.80nm           4.8mb
NNT     26.21 330 eP      00 54.80    2.3
NST     28.72 334 eP      01 16.00    0.7
LOE     29.66 338 eP      01 23.00   -0.8
BDT     30.61 333 eP      01 40.00    7.8X
CHTO    32.03 335 eP      01 44.00   -0.7
       1.0s    27.50nm           5.1mb
STKA    34.19 133 iPc     02 02.40   -1.0
KMI     36.59 345 ePc     02 27.00    2.9
       1.0s    50.00nm           5.3mb
                  pP      02 33.40   22km
ODAN    44.44 327 P       03 28.67   -0.2
TAPN    44.66 328 P       03 30.77    0.0
RAMN    44.94 326 P       03 32.99    0.0
JIRN    45.72 326 P       03 38.97   -0.3
PKI     46.09 326 P       03 41.23   -0.9
GUN     46.09 326 P       03 41.77   -0.4
DMN     46.28 325 P       03 43.01   -0.6
KKN     46.33 326 P       03 43.13   -0.7
GKN     46.85 325 P       03 47.27   -0.7
LZH     46.95 350 eP      03 48.50   -0.1
       2.0s    56.00nm           5.2mb
     Z 15s      0.24um           4.3MszX
                  pP      03 56.00   25km
                  sP      03 58.00
KOLN    47.27 324 P       03 50.51   -0.8
DANN    47.61 325 P       03 53.23   -0.9
PYUN    47.87 324 P       03 55.09   -0.9
POO     47.94 307 eP      04 05.50    9.0X
BJI     50.23   3 eP      04 16.00    2.3
       1.0s     6.00nm           4.5mb
MAIO    68.28 316 eP      06 18.00   -1.0
PRU    103.13 319 iPdiff09 16.70      0.6
       1.1s    10.80nm           5.5mb
KHC    103.76 318 Pdiff   09 20.00    1.0
       1.2s    12.00nm           5.6mb
                  e       09 25.00
XIN    144.75 237 (PKP)   14 54.00   -1.1
ITR    145.61 237 ePKP    14 56.90    0.3
SOB1   147.37 234 ePKP    15 02.70    3.2X
BAO    147.91 217 (PKP)   15 01.00    0.6
MOCB   148.56 183 PKP     15 07.30    5.5X
LPB    153.28 178 PKP     15 17.90    9.1X
LPAZ   153.52 178 PKP     15 18.60    9.2X
    S.D. = 1.2  on  30 of  39 obs.
--------------------------------------
   JUN 03, 1994  02h 57m 37.23± 0.85s
   46.358 N ± 6.9km    15.052 E ± 6.3km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION       (383)

LJU      0.48 229 ePg     57 47.00    0.0
                  eSg     57 54.00
                  e       58 04.60
CEY      0.76 215 ePg     57 51.70   -0.4
                  eSg     57 59.50
PTJ      0.78 126 iP      57 52.40   -0.1
VBY      0.87 170 eP      57 54.00    0.1
                  i       57 55.80
                  iSg     58 10.00
VOY      0.87 248 ePg     57 53.50   -0.5
                  e       57 56.00
                  e(Sg)   58 07.00
                  eSn     58 08.50
                  e       58 11.50
TRI      1.11 235 e(Pg)   57 58.70    0.7
                  e(Sg)   58 15.50
ZST      2.31  36 eP      59 03.80   47.9X
GEC2     2.65 340 Pn      58 20.90    0.0
    0.7s         0.54nm
                  e       58 26.80
                  e       58 29.70
    S.D. = 0.5  on   7 of   8 obs.
--------------------------------------
* JUN 03, 1994  03h 21m 34.79± 1.06s
  38.868 N ± 9.6km    26.790 E ± 9.5km
  DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                       (365)
     ML 3.3 (ISK).

IZM      0.60 142 iPg     21 46.10   -0.8
                  iSg     21 58.10
EZN      1.02 340 iPn     21 51.30   -2.8
KGT      1.63  14 iPn     22 03.10   -0.5
EDC      1.69  29 ePn     22 05.00    0.5
BNT      1.72  30 ePn     22 05.00    0.0
KCT      1.84  41 ePn     22 08.00    1.4
MFT      1.95  11 ePn     22 08.10   -0.3
ALN      2.11 344 iP      22 11.70    1.2
                  eS      22 40.92
OUR      2.62 305 eP      22 17.72   -0.1
PAIG     2.63 295 eP      22 19.44    1.4
    S.D. = 1.4  on  10 of  10 obs.
--------------------------------------
? JUN 03, 1994  03h 42m 45.79± 1.24s
  16.822 N ±28.4km    93.351 W ±22.1km
  DEPTH = 152.7 ± 26.3 km
  3.4mb (  1 obs.)
 CHIAPAS, MEXICO                  ( 61)

SCX      0.69  97 eP      43 37.00   28.3X
                  iS      44 31.50
TPX      2.18 151 (P)     43 23.50    0.0
                  iS      43 52.00
OXX      3.24 275 iP      43 37.00   -0.1
                  iS      44 10.00
LVVM     4.13 315 (P)     43 48.50    0.0
IISM     4.40 300 (P)     43 52.50    0.5
PPM      5.50 295 eP      44 08.50    1.3
III      6.03 286 iP      44 14.75    0.6
                  (S)     45 21.50
UNM      6.08 295 (P)     44 12.50   -2.4
YKA     48.00 347 eP      51 10.80    0.1
       0.5s      0.40nm          3.4mb
    S.D. = 1.4  on   8 of   9 obs.
--------------------------------------
% JUN 03, 1994  03h 54m 04.25± 0.96s
  35.041 N ± 8.8km     3.922 W ±11.1km
  DEPTH =  33.0km  (normal)
 STRAIT OF GIBRALTAR              (385)
     mbLg 3.3 (MDD).

EMEL     0.83  72 iPd     54 20.44    0.9
                  eS      54 30.90
TAF      1.26 100 iPgd    54 30.00    4.3X
                  iSg     54 51.50
EGUA     1.81   9 eP      54 31.95   -1.7
                  eS      54 53.00
IFR      1.82 214 iPg     54 33.50   -0.4
                  iSg     54 56.00
ERON     1.98   3 eP      54 36.22    0.1
                  eS      54 57.70
ELOJ     2.11 355 eP      54 38.75    0.7
                  eS      55 00.90
ECOG     2.25   7 eP      54 40.34    0.3
                  eS      55 03.60
EHUE     2.97  21 eP      54 49.40   -0.8
                  eS      55 20.30
EVAL     3.41 319 eP      54 57.29    0.8
                  eS      55 35.00
    S.D. = 1.1  on   8 of   9 obs.
--------------------------------------
* JUN 03, 1994  04h 17m 26.55± 0.57s
  10.003 S ±23.5km   113.305 E ±20.6km
  DEPTH =  33.0km  (normal)
  4.4mb (  2 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM      6.45 299 iPd     19 02.50    0.6
WB2     22.58 118 iPc     22 26.60    1.0
       0.9s    10.60nm           4.3mb
                  eS      26 29.30
ASPA    23.90 127 iPc     22 38.70    0.3
       0.6s    11.30nm           4.6mb
STKA    34.04 134 eP      24 08.70   -1.2
ODAN    44.45 326 P       25 36.71    0.0
TAPN    44.66 327 P       25 38.73    0.2
RAMN    44.96 325 P       25 40.81    0.0
JIRN    45.74 326 P       25 47.35    0.2
GUN     46.10 326 P       25 50.11    0.1
GKN     46.87 324 P       25 55.63   -0.2
KOLN    47.30 323 P       25 58.79   -0.5
DANN    47.64 324 P       26 01.43   -0.7
PYUN    47.91 323 P       26 04.21    0.1
    S.D. = 0.6  on  13 of  13 obs.
--------------------------------------
* JUN 03, 1994  04h 24m 31.88± 0.40s
  11.042 S ± 9.9km   112.900 E ±14.5km
  DEPTH =  33.0km  (normal)
  4.8mb (  6 obs.) 4.3Msz (  1 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM      6.69 308 iPc     26 11.20    0.6
NANU    11.73 168 eP      27 18.50   -1.5
                  eS      29 23.00
MBL     12.06 147 eP      27 20.00   -4.5X
       0.3s    10.00nm           5.5mb
                  eS      29 24.00
MEEK    16.42 162 eP      28 21.00   -0.6
       0.3s     9.00nm           4.4mb
                  eS      31 10.00
WARB    19.88 141 eP      29 05.00    1.5
WB2     22.46 116 iPc     29 29.90    0.1
       0.5s    10.00nm           4.5mb
                  epP     29 41.40   46kmX
                  eS      33 27.10
ASPA    23.61 125 iPd     29 43.10    2.1X
       1.1s    26.10nm           4.7mb
                  i       29 52.40
FORT    24.16 147 eP      29 49.50    3.4X
LOE     30.34 339 eP      30 42.00   -1.0
CHTO    32.70 335 eP      31 08.00    4.3X
STKA    33.63 132 eP      31 12.80    1.2
KMI     37.29 345 eP      31 44.00    1.0
ODAN    45.09 327 P       32 47.30    0.1
TAPN    45.31 328 P       32 49.62    0.6
RAMN    45.59 326 P       32 51.46    0.3
JIRN    46.37 327 P       32 57.84    0.4
PKI     46.73 326 P       33 00.14   -0.1
GUN     46.74 326 P       33 00.78    0.5
DMN     46.92 325 P       33 02.04    0.3
KKN     46.97 326 P       33 01.92   -0.1
GKN     47.49 325 P       33 06.00   -0.1
LZH     47.65 350 eP      33 07.50    0.3
       2.0s    37.00nm           5.1mb
     Z 15s      0.24um           4.3MszX
                  sP      33 18.00
KOLN    47.90 324 P       33 09.26   -0.1
DANN    48.25 325 P       33 11.96   -0.2
PYUN    48.50 324 P       33 13.50   -0.5
BJI     50.91   3 eP      33 29.00   -2.9
       1.8s    24.00nm           4.9mb
     Z 20s      0.30um           4.3Msz
SOB1   147.07 233 ePKP    44 18.10    6.2X
BAO    147.43 216 (PKP)   44 21.00    8.5X
MOCB   147.88 183 PKP     44 19.90    6.3X
CCH    151.74 182 ePKP    44 34.00   14.6X
LPB    152.58 178 ePKP    44 33.00   12.3X
LPAZ   152.83 178 PKP     44 36.00   14.7X
    S.D. = 1.0  on  22 of  32 obs.
--------------------------------------
   JUN 03, 1994  04h 25m 29.08± 0.47s
   38.449 N ± 6.0km   112.229 W ± 4.2km
   DEPTH =   5.0km  (geophysicist)
 UTAH                             (478)
     ML 3.3 (GS).

MSU      0.08  34 iPd     25 31.75    0.7
ARUT     1.16 236 ePn     25 52.25    0.9
                  eS      26 08.22
SRU      1.49  63 iPc     25 55.84   -0.9
                  (S)     26 14.15
EMUT     1.75  38 iPc     26 00.54    0.0
                  eS      26 22.61
DUG      1.80 346 ePn     26 00.28   -0.9
                  eS      26 27.41
DAU      2.10  21 ePn     26 06.03    0.4
                  ePg     26 08.55
                  eS      26 35.22
PV09     2.43  88 ePn     26 11.64    1.2
                  iPg     26 12.78
                  eS      26 44.12
PV10     2.51  91 ePn     26 11.04   -0.4
                  ePg     26 13.78
PV08     2.81  86 (Pn)    26 16.48    0.6
                  eS      26 53.30
HVU      3.35 353 ePn     26 22.49   -0.9
                  eS      27 16.95
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03d 04h

TPNV 3.52 246 ePn 26 26.32 0.6
ePg 26 37.05
eS 27 22.96
TNP 3.94 266 (Pn) 26 34.44 2.6X
ePg 26 44.70
eS 27 35.07
KVN 4.63 279 eP 26 41.90 0.4
BW06 4.78 24 eP 26 43.89 0.2
eS 27 56.98
BONR 4.81 266 (Pn) 26 43.35 -0.8
ePg 26 59.98
(S) 28 04.93
GSC 4.83 231 (Pn) 26 46.61 2.3X
ePg 26 58.98
GOL 5.48 75 ePn 26 53.40 -0.3
(S) 28 17.33
GLD 5.60 74 (Pn) 26 56.66 1.3
ePg 27 15.53
GLA 5.78 202 (Pn) 26 54.49 -3.2X
ePg 27 17.09
eS 28 28.97
ALQ 5.81 125 ePn 26 56.10 -2.1
JEGM 8.14 267 ePg 27 54.14 23.5X
S.D. = 1.0 on 17 of 21 obs.

JUN 03, 1994 04h 54m 50.03± 0.21s
10.391 S ± 4.6km 112.998 E ± 5.2km
DEPTH = 42.7km (13 depth phases)
5.4mb (38 obs.) 4.9Msz (10 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 5.6 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 29C
Centroid Location:
Origin Time 04:54:55.1 1.0
Lat 10.62S 0.10 Lon 113.55E 0.13
Dep 15.0 BDY Half-duration 1.4
Moment Tensor; Scale 10**17 Nm
Mrr=-2.59 0.19 Mtt= 2.61 0.15
Mff=-0.02 0.26 Mrt=-0.39 1.25
Mrf=-0.76 0.78 Mtf= 0.82 0.26
Principal Axes:
T Val= 2.91 Plg= 6 Azm=163
N -0.11 13 71
P -2.80 75 277
Best Double Couple:Mo=2.9*10**17
NP1:Strike=268 Dip=41 Slip= -69
NP2: 61 53 -107
KHKI 3.27 52 ePc 55 41.50 1.4
e(S) 55 51.30
e 08 48.30
LEM 6.39 303 ePc 56 23.20 -1.1
1.0s 120.00nm 5.5mb
eS 58 36.00
MBL 12.56 149 eP 57 36.00 -12.9X
TSM 15.37 19 eP 58 30.00 4.2X
KGM 15.64 321 eP 58 32.50 3.2X
KKM 16.64 11 ePc 58 44.50 2.5
MEEK 17.01 163 eP 58 37.00 -9.5X
0.2s 73.00nm 5.5mb
eS 01 33.00
MRWA 18.94 172 iPc 59 01.30 -9.0X
eS 02 14.00
IPM 19.06 321 ePc 59 11.00 -0.8
0.6s 36.60nm 4.8mb
WARB 20.33 142 eP 59 21.00 -4.5X
0.5s 53.00nm 5.1mb
eS 01 51.00
PPR 20.83 16 iPd 59 31.50 0.9
SNG 21.37 324 eP 59 36.50 0.5
1.2s 125.00nm 5.2mb
eS 03 36.00
DAV 21.41 36 ePc 59 40.00 3.5X
KLB 21.55 169 eP 59 33.00 -4.8X
MUN 21.69 173 iPc 59 34.60 -4.6X
Z 20s 10.30um 5.2Msz
N 20s 9.60um
E 20s 5.90um
e 59 41.00 23kmX
eS 03 20.00
COOL 21.75 161 iPc 59 35.40 -4.4X
i 59 39.50 15kmX
WRA 22.66 117 P 00 03.00 14.1X
1.0s 27.20nm
WB2 22.67 117 iPc 59 46.20 -2.8
0.6s 75.10nm 5.3mb
BIP 22.72 36 eP 59 53.00 3.5X
NWAO 22.77 171 eP 59 51.00 1.2
ASPA 23.91 126 iPd 59 59.50 -1.6
0.7s 104.20nm 5.5mb
Z 21s 3.20um 4.8Msz
e 00 12.10 51km
iS 04 21.70
PLP 24.50 29 ePd 00 07.80 1.0
FORT 24.65 148 eP 00 05.00 -3.1X
0.6s 83.00nm 5.5mb
e 00 16.00 42km
PGP 25.02 19 ePd 00 13.00 1.3
TGY 25.58 18 iPc 00 18.00 0.9
QCP 26.12 18 eP 00 17.50 -4.5X
NNT 26.36 330 eP 00 26.70 2.5
BAG 27.67 16 eP- 00 35.00 -1.3
eS 05 26.00
NST 28.86 334 iPc 00 48.50 1.6
LOE 29.78 338 eP 00 54.00 -1.2
BDT 30.75 333 eP 01 03.00 -0.7
0.8s 46.70nm 5.3mb
CHTO 32.16 334 eP 01 16.00 -0.1
1.8s 45.77nm 5.0mb
CTA 33.44 111 eP 01 26.00 -1.3
i 01 40.00 55kmX
i 01 46.00
eS 06 54.00
ADE 33.88 140 e(P) 01 31.00 0.0
STKA 34.00 133 iPc 01 30.10 -1.9
epP 01 42.20 45km
eS 06 12.90
KMI 36.69 344 eP 01 55.00 -0.1
1.4s 380.00nm 6.1mb
Z 15s 4.40um 5.4MszX
N 14s 3.30um
E 14s 2.80um
pP 02 10.00 58kmX
sP 02 17.00
PP 03 30.00
S 07 45.00
PcS 07 57.00
sS 08 10.00
SS 10 30.00
ScS 12 02.00
GUMO 39.59 54 eP 02 17.90 -1.4
0.8s 102.40nm 5.7mb
PJG 39.59 54 eP 02 18.20 -1.1
TOO 39.81 138 eP 02 20.60 -0.4
0.8s 17.00nm 4.9mb
i 04 26.80
BWA 40.22 132 eP 02 25.30 0.9
e 02 37.60 45km
CAN 41.06 133 eP 02 30.50 -0.8
i 02 44.70 55kmX
SHL 41.23 330 iP 02 33.50 0.6
iS 08 45.00
CNB 41.32 133 eP 02 34.30 0.9
1.1s 20.00nm 4.8mb
SSE 41.99 11 P+ 02 40.00 1.2
5.0s 0.80nm 2.7mb X
Z 20s 0.90um 4.6Msz
N 12s 1.00um
E 12s 0.30um
pP 02 51.50 41km
sP 02 56.00
PP 04 22.00
S 08 51.00
GBA 42.58 303 Pd 02 42.50 -1.4
0.5s 28.00nm 5.2mb
HYB 43.84 309 eP 02 54.00 -0.1
1.0s 50.00nm 5.2mb
ODAN 44.60 327 P 03 00.04 -0.4
TAPN 44.82 327 P 03 02.24 0.0
RAMN 45.10 326 P 03 04.68 0.2
JIRN 45.88 326 P 03 10.46 -0.3
PKI 46.25 325 P 03 12.96 -0.6
GUN 46.25 326 P 03 13.26 -0.3
0.6s 215.00nm 6.3mb
DMN 46.45 325 P 03 14.44 -0.6
KKN 46.49 325 P 03 14.76 -0.6
GKN 47.01 325 P 03 18.64 -0.8
LZH 47.03 350 Pc 03 20.00 0.6
2.0s 156.00nm 5.6mb
Z 30s 3.33um 5.1MszX
N 13s 1.55um
pP 03 30.50 36km
sP 03 35.00
S 10 13.00
sS 10 30.00
eSS 13 38.00
KOLN 47.43 324 P 03 21.88 -0.9
DANN 47.78 324 P 03 24.58 -1.0
PYUN 48.03 324 P 03 26.56 -0.9
0.9s 123.00nm 5.9mb
POO 48.14 306 iPd 03 34.50 6.2X
0.8s 37.31nm 5.5mb
TKSJ 48.45 24 P 03 30.40 0.0
WKYJ 49.28 25 P 03 37.30 0.5
YONJ 49.29 22 P 03 35.90 -0.9
BJI 50.26 3 eP 03 43.50 -0.6
1.0s 11.00nm 4.8mb
Z 22s 2.49um 5.2Msz
N 18s 1.56um
esP 03 55.50
eS 10 54.00
eSS 14 25.00
TSRJ 50.58 24 P 03 44.80 -1.8
NDI 52.00 319 eP 03 56.60 -0.9
MTMJ 52.23 25 P 03 59.10 -0.2
CHJJ 52.29 27 P 03 57.30 -2.3
MAT 52.37 26 (P) 03 58.00 -2.2
0.8s 11.94nm 4.9mb
Z 20s 1.06um 4.9Msz
eS 11 18.00
DZM 52.38 110 iPc 04 03.20 2.6
NIIJ 53.30 26 eP 04 17.00 10.0X
YAMJ 54.52 26 eP 04 15.00 -1.0
VLA 55.98 17 iPc 04 26.00 -0.5
1.2s 179.00nm 6.0mb
i 04 38.00 42km
iS 12 15.00
iPS 12 27.00
eSS 16 00.00
OFUJ 55.99 27 eP 04 25.30 -1.3
ASAJ 60.56 24 P 04 57.10 -1.4
KUSJ 60.59 26 eP 04 57.40 -1.3
ZAK 61.11 353 eP 05 00.50 -1.5
2.0s 66.00nm 5.4mb
e 05 14.00 48km
e 07 12.00
eS 13 20.00
e 14 52.00
CIT 62.14 0 eP 05 10.00 0.9
AAA 62.70 331 eP 05 13.00 0.0
e 07 36.00 789kmX
eS 13 44.00
IRK 62.85 354 eP 05 13.00 -0.8
3.6s 285.00nm 5.8mb X
e 05 24.00 36km
YSS 63.00 22 eP 05 12.90 -1.9
0.5s 50.00nm 5.9mb
Z 21s 0.60um 4.7Msz
N 21s 0.60um
e 05 26.20 47km
(S) 13 37.00
FRU 63.52 329 iP 05 19.40 1.1
2.0s 120.00nm 5.6mb
i 05 29.00 31kmX
i 05 31.20
BOD 68.01 1 eP 05 46.30 -0.4
1.6s 99.00nm 5.6mb
ASH 70.11 317 eP 06 00.00 -0.1
5.0s 1.00nm 3.1mb X
e 06 21.00 80kmX
e 08 38.00
e 15 15.00
e 15 33.00
SBA 72.64 170 eP 06 13.50 -1.2
YAK 73.36 8 eP 06 18.70 -0.3
1.3s 92.00nm 5.6mb
e 06 28.00 30kmX
e 09 03.00
e 15 45.00
PET 74.18 27 eP 06 24.00 0.1
eS 16 00.00
SYO 74.46 201 ePd 06 33.60 8.2X
KER 76.60 309 iPc 06 37.30 -1.0
SVE 79.58 334 iPd 06 55.50 1.5
3.0s 300.00nm 5.7mb
Z 20s 0.90um 5.1Msz
N 20s 0.50um
E 20s 0.60um
e 07 06.00 34km

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                 e     17 06.00
SPA    79.67 180 eP    06 53.00  -1.6
   0.8s    9.58nm          4.8mb
 Z 20s     0.59um          4.9Msz
MAK    79.82 317 eP    06 55.50  -0.1
                 e     07 11.80  58kmX
                 eS    16 55.00
                 e     17 18.00
                 ePS   17 45.00
ARU    80.24 333 iPc   06 58.40   0.8
                 e     07 07.00  27kmX
                 e     07 15.00
SLR    80.85 245 eP    07 02.00   0.4
   0.6s   19.00nm          5.2mb
 Z 18s     4.06um          5.8Msz
MTA    81.09 315 eP    07 04.00   1.7
                 e     10 10.00
GRO    81.13 317 iP+   07 06.00   3.5X
   2.0s  240.00nm          5.8mb
GRM    81.41 238 iPc   07 09.00   4.6X
   1.0s   80.00nm          5.7mb
KSR    82.07 245 eP    07 07.80  -0.2
BOSA   83.00 242 eP    07 12.00  -0.6
PYA    83.15 317 eP    07 13.00   0.0
                 e     10 30.00
LBTB   83.35 246 eP    07 13.87  -0.7
   0.6s   13.38nm          5.2mb
KIV    83.37 317 iPd   07 14.60   0.3
   4.6s  427.00nm          5.8mb X
                 e     07 26.90  41km
                 eS    17 33.60
SOC    85.26 316 eP    07 19.00  -4.6X
                 eS    17 36.00
                 eSP   18 53.00
ANN    87.32 316 eP    07 30.00  -3.7X
                 e     18 14.00
SNA    88.51 198 iPc   07 48.00   9.0X
   0.4s   14.00nm          5.6mb
SIM    89.51 316 eP    07 42.00  -2.2
 Z 20s     0.40um          4.8Msz
MOS    90.42 327 eP    07 46.00  -2.1
                 e     08 00.00  47km
OBN    90.78 326 iPc   07 52.00   2.2
                 i     08 02.00  31kmX
                 e     18 48.00
                 ePS   20 30.00
                 eSS   25 02.00
ILT    91.62  21 iPc   07 55.00   1.6
   1.8s   52.00nm          5.6mb
KIS    93.55 317 eP    08 02.00  -0.7
                 e     11 46.00
                 e     18 40.00
BCAO   95.17 274 iPc   08 11.60   0.7
   0.5s   10.00nm          5.5mb
                 i     08 31.00  69kmX
LVZ    95.20 338 (P)   08 11.10   1.1
                 e     18 48.00
KAF    97.55 332 eP    08 21.80   1.2
   0.6s    4.10nm          5.1mb
GRF   105.47 319 ePdiff09 15.90  19.4X
 Z 23s     0.70um          5.1MszX
                 e     13 09.80
                 e     22 31.90
                 e     26 01.90
                 e     28 33.60
INK   108.19  21 ePKP  13 15.50   1.0
RES   113.82   8 ePKP  13 26.00   0.9
KIC   118.35 272 PKP   13 35.00  -0.6
   1.0s    8.00nm
LKO   119.59 275 PKP   13 37.43  -0.5
   0.8s   12.00nm
MCW   120.03  39 ePKP  13 39.02   1.2
GMW   120.44  41 ePKP  13 39.80   1.2
                 e     13 51.99
BMW   120.50  42 ePKP  13 40.17   1.4
RMW   121.09  40 ePKP  13 40.95   1.0
LBFM  122.96  47 ePKP  13 43.91   0.1
NEW   123.70  38 ePKP  13 45.63   0.8
FRB   126.72   1 ePKP  13 51.00   0.9
PTI   129.02  42 ePKP  13 57.84   2.4X
                 e     14 09.72
HVU   129.21  44 ePKP  13 57.19   1.4
                 e     14 09.74
DUG   129.83  46 ePKP  13 58.91   1.9
DAU   130.83  45 ePKP  14 01.38   2.2X
BW06  130.91  41 ePKP  14 00.53   1.4
MSU   130.94  47 ePKP  14 01.65   2.3X
EMUT  131.38  45 ePKP  14 02.45   2.3X
SRU   131.88  46 ePKP  14 03.14   2.1X
PV09  133.12  46 ePKP  14 06.70   3.1X
PV10  133.24  46 ePKP  14 05.89   2.2X
PV08  133.43  46 ePKP  14 06.65   2.4X
ULM   133.67  25 ePKP  14 10.00   6.2X
TUC   134.17  55 ePKP  14 08.20   2.8X
GOL   135.16  43 ePKP  14 08.82   1.5
JAQ   136.14   7 ePKP  14 08.50   0.1
ALQ   136.57  49 ePKP  14 03.57  -6.5X
WMOK  142.22  45 ePKP  14 15.47  -4.7X
SIO   143.33  42 iPKPc 14 11.00 -11.0X
TUL   143.57  41 iPKPd 14 20.40  -1.9
VVO   143.95  42 iPKPc 14 21.40  -1.6
GAC   144.07  10 ePKP  14 21.00  -1.8
LMN   144.61 357 ePKP  14 25.00   1.2
        0.9s      9.00nm
XIN   144.92 237 ePKP  14 23.80  -1.4
TYS   144.93  33 ePKP  14 24.32  -0.2
ACTO  145.01  17 PKP   14 24.20  -0.4
ELF   145.02  18 PKP   14 24.00  -0.6
WLVO  145.16  14 PKP   14 24.69  -0.1
LDN   145.20  18 PKP   14 24.90   0.0
DLA   145.24  19 PKP   14 25.20   0.2
FVM   145.40  34 ePKP  14 25.72   0.3
TYNO  145.54  17 PKP   14 25.98   0.5
STCO  145.63  16 PKP   14 26.28   0.7
ITR   145.78 237 ePKP  14 27.40   0.7
                 e     14 44.80
MIAR  145.84  41 ePKP  14 27.39   1.2
DON   146.26  34 ePKP  14 27.90   1.1
YSNY  146.48  16 ePKP  14 27.69   0.6
TPMO  146.76  35 ePKP  14 30.10   2.5X
BINY  147.35  12 ePKP  14 30.62   2.2X
SOB1  147.53 234 ePKP  14 26.20  -3.4X
                 e     14 32.00
BAO   148.01 216 ePKP  14 31.40   1.0
BDFB  148.02 216 ePKP  14 30.91   0.5
                 ePKPbc14 33.60
LSCT  148.36   9 ePKP  14 31.56   1.5
MOCB  148.53 182 PKP   14 35.50   4.0X
MCWV  148.69  19 ePKP  14 32.83   2.2X
GPD   148.79  11 ePKP  14 35.79   5.0X
GMTN  148.97  11 iPKP  14 37.10   6.0X
NAV   150.45  23 ePKP  14 33.62   0.2
CVL   150.66  19 ePKP  14 40.41   6.7X
BLA   150.68  22 ePKP  14 35.72   1.9
CEH   152.34  21 ePKP  14 36.99   0.8
                 iPKPbc14 43.84
CCH   152.39 182 PKP   14 45.30   8.1X
LPB   153.23 178 PKP   14 44.50   6.0X
LPAZ  153.47 178 PKP   14 40.90   1.8
     S.D. = 1.2  on 132 of 178 obs.
-----------------------------------------
* JUN 03, 1994  05h 10m 07.56± 0.68s
  10.219 S ±16.3km  113.508 E ±14.2km
  DEPTH = 33.0km  (normal)
  4.8mb ( 6 obs.) 5.0Msz ( 1 obs.)
 SOUTH OF JAWA, INDONESIA          (282)

LEM     6.73 300 eP    11 46.50  -0.3
WB2    22.30 118 eP    15 03.20  -0.7
        0.9s     12.20nm         4.4mb
                 eS    19 05.80
ASPA   23.61 127 iPc   15 17.60   1.0
        0.9s     37.30nm         4.9mb
                 iS    19 35.80
LAT    33.31  87 iPc   17 14.70  30.0X
STKA   33.75 134 iPc   16 48.20  -0.2
KMI    36.66 344 P-    17 16.00   2.5X
        1.4s     60.00nm         5.3mb
                 pP    17 27.50  41kmX
SHL    41.34 330 iP    17 33.00 -19.3X
SSE    41.73  10 P     17 58.00   2.8
        1.0s     23.00nm         4.9mb
ODAN   44.74 326 P     18 20.19   0.1
TAPN   44.95 327 P     18 22.35   0.5
RAMN   45.24 325 P     18 24.58   0.5
JIRN   46.02 326 P     18 30.85   0.4
GUN    46.39 325 P     18 33.67   0.4
PKI    46.40 325 P     18 33.29   0.0
KKN    46.64 325 P     18 35.01   0.0
GKN    47.16 324 P     18 38.79  -0.4
DANN   47.93 324 P     18 45.08  -0.3
PYUN   48.20 323 P     18 46.60  -0.7
BJI    50.06   3 eP    19 00.00  -1.2
        1.2s     10.00nm         4.7mb
    Z 18s      1.48um          5.0Msz
MAT    52.00  25 (P)   19 14.00  -2.0
        0.8s      5.97nm         4.6mb
XIN   145.43 237 ePKP  29 42.20  -2.7X
SOB1  148.04 234 (PKP) 29 47.00  -2.1X
LPB   153.37 177 PKP   30 05.00   7.5X
LPAZ  153.61 176 PKP   30 02.30   4.2X
     S.D. = 1.1  on  17 of  24 obs.
-----------------------------------------
  JUN 03, 1994  05h 22m 31.76± 0.33s
   3.583 N ± 6.0km  126.232 E ± 8.4km
   DEPTH = 10.0km  (geophysicist)
   4.7mb ( 15 obs.) 4.7Msz ( 1 obs.)
 TALAUD ISLANDS, INDONESIA         (263)

TNE     2.98 158 eP    23 18.00  -1.9
BIP     4.61   0 ePc   23 42.00  -1.2
                 eS    24 36.00
CGP     5.08 343 eP    23 51.00   1.3
MAP     7.06 342 eP    24 14.00  -3.7X
PLP     7.63 351 ePd   24 25.60  -0.2
TSM     8.37 275 eP    24 40.00   4.0X
KKM    10.28 284 ePc   25 13.00  10.5X
BAG    13.91 337 eP    25 56.90   5.5X
CVP    14.69 343 eP    26 05.00   3.5X
WB2    24.70 161 iPd   27 53.90  -0.6
        0.5s     21.80nm         5.1mb
                 eS    32 18.30
LOE    27.68 302 eP    28 23.00   0.9
ASPA   28.10 165 eP    28 27.00   1.1
        0.3s      7.60nm         5.0mb
CHTO   30.67 302 eP    28 50.00   1.0
BJI    37.42 347 eP    29 46.00  -0.8
        1.0s      9.00nm         4.5mb
STKA   38.17 159 iPc   29 53.80   0.6
LZH    38.38 330 eP    29 54.50  -0.7
        1.2s     20.00nm         4.7mb
                 sP    30 03.50
SHL    39.56 307 eP    30 05.00  -0.2
                 eS    36 08.00
ADE    40.10 164 e(P)  30 14.30   5.0X
TAPN   43.70 307 P     30 39.44   0.1
ODAN   43.75 306 P     30 39.62   0.0
RAMN   44.43 306 P     30 45.58   0.5
JIRN   45.06 306 P     30 50.50   0.2
GUN    45.41 306 P     30 53.26   0.2
GKN    46.45 306 P     31 00.90  -0.2
DZM    46.86 125 iPc   31 06.00   1.7
KOLN   47.20 305 P     31 07.02  -0.1
        0.6s     37.00nm         5.6mb
DANN   47.30 306 P     31 07.54  -0.4
        0.5s     46.00nm         5.8mb X
PYUN   47.82 305 P     31 12.10   0.1
GBA    49.17 285 P     31 31.00   8.7X
SVW    81.15  29 eP    34 49.90   1.1
        0.7s      2.80nm         4.4mb
TTA    81.26  27 eP    34 49.70   0.3
        0.6s      1.90nm         4.3mb
IMA    82.72  24 ePc   34 57.60   0.6
        0.5s      4.20nm         4.9mb
PMR    84.31  29 eP    35 04.00  -1.0
        0.9s      9.20nm         5.0mb
FBA    85.07  25 eP    35 09.50   0.8
        0.3s      0.70nm         4.4mb
OBN    86.88 325 eP    35 17.00  -0.8
        0.9s     16.00nm         5.2mb
                 e     35 27.00
                 e     35 49.00
INK    90.48  21 eP    35 34.50  -0.2
        1.0s      2.00nm         4.3mb
KAF    91.50 332 eP    35 38.10  -1.4
        0.5s      2.60nm         4.8mb
RES    98.04  10 eP    36 11.00   1.7
NB2    98.70 334 P     36 11.00  -1.5
        0.9s      2.30nm         4.8mb
YKA    99.84  24 eP    36 16.70  -0.9
        0.6s      0.30nm         4.0mb
    Z 21s      0.27um          4.7Msz
                 LR    16 52.00
LPB   160.93 133 PKP   42 44.00   9.4X
LPAZ  161.06 133 PKP   42 48.00  13.0X
     S.D. = 0.9  on  33 of  42 obs.
-----------------------------------------
? JUN 03, 1994  05h 30m 21.46± 6.00s
  12.019 S ±38.1km  113.688 E ±57.9km
  DEPTH = 33.0km  (normal)
  4.4mb ( 2 obs.)
```

03d 05h

NORTHWEST OF AUSTRALIA (588)

NANU 10.63 171 iPc 32 54.60 0.0
MBL 10.83 148 eP 32 57.00 -0.3
eS 35 02.00
MEEK 15.26 163 eP 33 56.50 0.2
WB2 21.35 114 eP 35 07.90 -0.3
0.5s 5.00nm 4.2mb
ipP 35 19.10 45kmX
ASPA 22.42 124 iPd 35 20.00 1.0
0.5s 11.30nm 4.6mb
STKA 32.40 132 eP 36 49.90 -0.6
S.D. = 0.8 on 6 of 6 obs.

? JUN 03, 1994 05h 39m 54.68± 1.16s
45.619 N ±19.4km 26.431 E ±19.5km
DEPTH = 130.0km (geophysicist)
ROMANIA (358)

VRI 0.33 39 iPc 40 11.00 -1.5
MLR 0.37 250 iPc 40 12.00 -0.8
ISR 0.49 170 iPc 40 15.00 1.0
PPE 1.02 54 iPc 40 19.00 0.9
CFR 1.29 109 iPc 40 19.00 -1.7
CVD 1.72 138 eP 40 25.50 -0.1
S.D. = 1.5 on 6 of 6 obs.

JUN 03, 1994 06h 11m 47.17± 1.76s
41.938 N ± 5.9km 126.352 W ±16.1km
DEPTH = 10.0km (geophysicist)
OFF COAST OF NORTHERN CALIFORNIA(34)
MD 3.0 (GM).

KMPM 2.27 131 eP 12 24.92 -0.4
eS 12 51.72
DBO 2.58 62 P 12 29.29 -0.5
RNO 2.75 43 P 12 31.79 -0.4
HSO 2.88 55 P 12 33.48 -0.5
BBOR 2.88 70 P 12 34.14 0.0
VRC 3.10 81 P 12 37.51 0.5
MPOR 3.28 38 P 12 39.60 -0.2
LBFM 3.40 99 eP 12 42.42 1.0
HBO 3.52 56 P 12 43.15 0.0
TKO 4.02 31 P 12 50.30 0.1
SSOR 4.07 43 P 12 50.94 0.1
ORV 4.39 121 eP 12 55.21 -0.1
PGO 4.52 37 P 12 57.43 0.3
NLO 4.65 26 P 12 59.52 0.4
VBEM 4.66 46 P 12 59.04 -0.4
TDH 4.71 43 P 13 00.05 0.0
RVW 4.95 30 P 13 03.94 0.7
LVP 5.01 33 P 13 04.31 0.0
MTMW 5.06 35 P 13 04.60 -0.3
LON 5.81 33 eP 13 15.32 -0.1
S.D. = 0.4 on 20 of 20 obs.

JUN 03, 1994 06h 24m 19.62± 0.42s
11.011 S ± 6.9km 112.857 E ±10.8km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.78 46 eP 25 17.00 0.1
e(S) 25 54.80
e 29 36.70
LEM 6.64 308 iPd 26 03.20 5.6X
NANU 11.77 168 iPd 27 08.60 0.4
eS 29 13.00
MBL 12.11 147 eP 27 11.50 -1.4
0.3s 5.00nm 5.1mb
eS 29 15.00
MEEK 16.47 162 eP 28 11.00 1.1
eS 31 03.00
WARB 19.93 141 eP 28 55.00 3.3X
eS 32 24.00
WB2 22.52 116 iPc 29 20.90 2.9X
0.6s 16.60nm 4.7mb
epP 29 32.50 46kmX
eS 33 20.80
ASPA 23.66 125 iPc 29 33.90 4.7X
0.6s 22.50nm 4.9mb
iS 33 52.50
LOE 30.30 339 eP 30 32.50 2.2
STKA 33.68 132 iPc 31 03.90 4.1X
TOO 39.45 138 eP 31 53.80 5.2X
1.0s 20.00nm 4.8mb
ODAN 45.04 327 P 32 33.89 -0.7
TAPN 45.27 328 P 32 36.63 0.2
RAMN 45.54 326 P 32 38.59 0.1
JIRN 46.32 327 P 32 45.11 0.3
PKI 46.68 326 P 32 47.49 -0.1
GUN 46.69 327 P 32 47.75 0.1
DMN 46.87 326 P 32 48.79 -0.3
KKN 46.92 326 P 32 48.87 -0.5
GKN 47.44 325 P 32 53.27 -0.1
KOLN 47.85 324 P 32 56.35 -0.3
DANN 48.20 325 P 32 58.79 -0.7
PYUN 48.45 324 P 33 00.95 -0.4
SOB1 147.06 233 (PKP) 44 06.00 6.4X
MOCB 147.91 183 PKP 44 09.80 8.5X
S.D. = 0.8 on 17 of 25 obs.

JUN 03, 1994 06h 29m 36.46± 0.94s
41.756 N ±11.0km 20.705 E ± 6.2km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 3.1 (SKO), 2.9 (TTG), 2.5
(TIR).

PHP 0.21 250 iPgc 29 41.00 -0.1
iSg 29 45.00
SKO 0.59 68 iPg 29 48.50 0.1
0.2s 70.00nm
iSg 29 58.00
TIR 0.75 237 iPgd 29 51.10 0.0
iSg 30 03.30
LACI 0.75 261 ePg 29 50.50 -0.7
SDA 0.95 289 ePg 30 01.00 6.5X
KBN 1.13 177 ePg 29 57.50 -0.2
iSg 30 11.50
VAY 1.47 107 iPn 30 03.00 0.1
0.5s 90.00nm
i 30 05.60
iSn 30 22.40
Lg 30 26.00
TPE 1.55 200 ePn 30 07.00 2.9X
VLO 1.58 216 ePn 30 06.50 2.0
LSK 1.61 183 ePn 30 03.90 -1.1
S.D. = 1.1 on 8 of 10 obs.

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* JUN 03, 1994 06h 40m 01.23± 0.81s
31.534 S ±15.0km 69.391 W ±21.7km
DEPTH = 112.9 ± 21.7 km
SAN JUAN PROVINCE, ARGENTINA (137)
MD 4.3 (SAN).

ZON 0.61 91 iPd 40 19.00 -0.5
eS 40 31.00
JACH 1.53 221 iP+ 40 29.92 0.8
iS 40 53.00
FCH 1.94 203 iP+ 40 35.47 1.0
iS 41 01.62
PEL 1.94 214 iP+ 40 34.36 0.2
iS 40 59.34
ROCH 1.98 223 iPd 40 34.85 0.0
iS 41 01.01
SAN 2.19 209 iP+ 40 37.52 0.2
iS 41 05.07
PCH 2.29 204 iP 40 38.86 0.2
iS 41 08.05
CHCH 2.62 204 iPd 40 42.99 0.0
iS 41 14.80
LCCH 2.67 223 iPd 40 42.87 -0.7
iS 41 14.22
CACH 2.77 201 iP 40 45.32 0.3
iS 41 18.59
LNV 2.95 215 iP 40 45.65 -1.7
iS 41 19.83
LPB 14.98 5 eP 43 28.00 -0.7
LPAZ 15.22 5 P 43 32.90 1.0
S.D. = 0.9 on 13 of 13 obs.

? JUN 03, 1994 06h 47m 07.28± 0.73s
11.764 S ±30.7km 112.165 E ±33.0km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

MBL 11.89 143 eP 49 57.00 -0.5
eS 52 01.00
WB2 22.82 114 eP 52 07.30 -1.3
0.8s 6.20nm 4.1mb
ASPA 23.81 123 eP 52 20.20 1.9
1.0s 8.30nm 4.2mb
ODAN 45.31 328 P 55 24.12 -0.2
TAPN 45.55 329 P 55 26.42 0.1
RAMN 45.80 327 P 55 29.04 0.9
JIRN 46.58 328 P 55 34.52 0.0
PKI 46.92 327 P 55 37.00 -0.2
GUN 46.95 328 P 55 37.40 0.0
KKN 47.17 327 P 55 38.60 -0.4
GKN 47.68 326 P 55 42.72 -0.2
KOLN 48.07 325 P 55 45.64 -0.4
DANN 48.43 326 P 55 48.66 -0.3
PYUN 48.67 325 P 55 51.18 0.5
S.D. = 0.8 on 14 of 14 obs.

% JUN 03, 1994 06h 57m 27.74± 0.85s
39.132 N ± 7.3km 27.541 E ± 8.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.76 197 ePg 57 42.80 0.1
eSg 57 54.50
DST 0.97 60 ePn 57 45.80 -0.3
EZN 1.17 307 ePn 57 49.40 -0.1
BNT 1.26 13 ePn 57 51.00 -0.1
KCT 1.28 29 iPn 57 52.00 0.5
S.D. = 0.5 on 5 of 5 obs.

JUN 03, 1994 06h 58m 45.37± 0.33s
10.982 S ± 5.8km 113.353 E ± 8.9km
DEPTH = 33.0km (normal)
SOUTH OF JAWA, INDONESIA (282)

LEM 7.01 306 ePc 00 28.50 0.0
NANU 11.70 170 iPd 01 33.20 0.1
eS 03 37.00
MBL 11.88 149 eP 01 34.50 -1.0
0.3s 16.00nm 5.7mb X
eS 03 37.00
MEEK 16.35 163 eP 02 35.00 0.9
0.3s 20.00nm 4.7mb X
eS 05 24.00
WARB 19.65 142 eP 03 19.50 4.9X
eS 06 43.00
MUN 21.06 173 eP 03 38.00 8.9X
eS 07 20.00
WB2 22.09 116 eP 03 44.60 5.0X
0.5s 10.90nm 4.5mb
eS 07 40.90
ASPA 23.28 125 ePd 03 57.60 6.4X
0.9s 14.20nm 4.5mb X
i 04 07.80
FORT 23.97 147 eP 04 04.00 6.3X
BDT 31.43 333 eP 05 06.00 0.0
STKA 33.34 133 eP 05 27.80 5.2X
ODAN 45.28 327 P 07 02.38 0.2
0.8s 65.00nm 5.6mb
TAPN 45.50 327 P 07 04.46 0.5
0.8s 67.00nm 5.6mb
RAMN 45.78 326 P 07 06.52 0.3
0.9s 38.00nm 5.3mb
JIRN 46.57 326 P 07 12.74 0.2
0.7s 81.00nm 5.8mb
GUN 46.93 326 P 07 15.54 0.2
0.7s 84.00nm 5.9mb
DMN 47.13 325 P 07 16.80 0.0
0.7s 68.00nm 5.7mb
KKN 47.17 325 P 07 16.92 -0.2
0.9s 42.00nm 5.5mb
LZH 47.67 350 eP 07 24.00 3.2X
1.2s 23.00nm 5.1mb
sP 07 32.00
GKN 47.70 325 P 07 20.82 -0.3
KOLN 48.11 324 P 07 24.12 -0.4
DANN 48.46 324 P 07 26.90 -0.3
0.8s 87.00nm 5.8mb
PYUN 48.71 324 P 07 28.54 -0.6
1.0s 55.00nm 5.5mb
TKSJ 48.85 23 P 07 30.50 0.7
WKYJ 49.67 24 P 07 36.70 0.5
YONJ 49.71 22 P 07 37.00 0.6
MAT 52.75 25 (P) 07 58.00 -1.4
0.8s 5.22nm 4.5mb
ELF 145.47 19 PKP 18 25.35 3.4X
ACTO 145.47 17 PKP 18 25.66 3.7X
WLVO 145.64 15 PKP 18 25.95 3.8X
LDN 145.65 19 PKP 18 26.10 3.9X
DLA 145.68 20 PKP 18 26.40 4.1X

TYNO 146.00 17 PKP 18 27.23 4.4X
STCO 146.10 17 PKP 18 27.45 4.5X
SOB1 147.47 233 ePKP 18 32.90 6.9X
MOCB 147.95 182 PKP 18 35.00 7.8X
S.D. = 0.6 on 20 of 36 obs.

% JUN 03, 1994 07h 18m 00.44± 3.13s
41.937 N ±23.1km 19.277 E ± 6.8km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.0 (TTG).

ULC 0.03 322 iPgc 18 02.35 -0.1
iSg 18 03.59
BDV 0.48 316 iPgd 18 10.09 -0.1
iSg 18 17.40
TTG 0.49 359 iPgd 18 10.20 -0.2
iSg 18 17.71
HCY 0.77 312 iPgc 18 15.41 -0.1
iSg 18 27.00
PVY 0.84 38 iPgc 18 16.29 -0.4
iSg 18 28.80
NKY 0.90 347 iPgc 18 17.73 0.0
iSg 18 31.18
IVA 1.04 26 iPgc 18 20.18 0.0
iSg 18 35.71
BRY 1.11 331 iPgc 18 21.43 0.1
iSg 18 38.05
PLE 1.39 4 iPgd 18 26.79 0.8
iSg 18 47.61
S.D. = 0.4 on 9 of 9 obs.

? JUN 03, 1994 07h 23m 15.04± 0.93s
39.100 N ± 8.4km 27.556 E ± 9.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.74 198 ePg 23 29.50 0.0
eSg 23 41.00
DST 0.97 58 ePn 23 33.70 0.1
EZN 1.20 308 ePn 23 37.40 0.1
KCT 1.30 28 ePn 23 39.00 -0.2
S.D. = 0.2 on 4 of 4 obs.
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* JUN 03, 1994 07h 24m 40.29± 0.72s
25.898 N ±13.7km 44.745 W ±17.6km
DEPTH = 10.0km (geophysicist)
3.9mb (6 obs.) 4.2Msz (1 obs.)
NORTHERN MID-ATLANTIC RIDGE (403)

LKO 40.49 106 P 32 20.35 -0.9
0.9s 12.00nm 4.6mb
LPAZ 47.71 211 P 33 20.60 0.6
LPB 47.91 211 P 33 21.20 -0.1
GEC2 50.40 47 P 33 40.60 0.8
1.1s 1.21nm 3.8mb
e 33 46.20
e 33 59.90
YKA 58.08 329 eP 34 33.40 -2.4
1.0s 1.20nm 3.9mb
Z 21s 0.20um 4.2Msz
LR 59 44.00
MBC 61.38 345 eP 34 59.50 1.2
INK 65.77 336 eP 35 27.00 -0.2
1.0s 1.00nm 4.0mb
FBA 72.17 334 eP 36 07.70 0.9
0.8s 0.40nm 3.6mb
IMA 73.90 336 eP 36 17.20 0.1
1.0s 1.00nm 3.8mb
S.D. = 1.3 on 9 of 9 obs.

JUN 03, 1994 07h 25m 14.24± 1.03s
39.442 N ±10.1km 24.364 E ± 6.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PAIG 0.72 313 iPg 25 28.88 0.5
eSg 25 38.80
OUR 0.94 342 ePg 25 32.41 0.3
eSg 25 44.64
EZN 1.56 75 ePn 25 42.40 0.3
SOH 1.58 331 ePb 25 41.72 -0.7
eSb 26 02.66
LIT 1.59 295 iPb 25 43.30 0.8
eSb 26 02.72
AGG 1.63 256 iPb 25 42.61 -0.6
eSb 26 04.42
SRS 1.77 341 ePb 25 44.12 -1.0
ALN 1.94 41 ePb 25 47.52 0.0
iSb 26 11.42
KNT 2.05 327 ePn 25 49.44 0.3
eSn 26 15.38
MFT 2.61 58 ePn 26 03.00 5.8X
S.D. = 0.7 on 9 of 10 obs.

% JUN 03, 1994 07h 31m 20.61± 0.81s
39.146 N ± 6.8km 27.619 E ± 8.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.80 201 ePg 31 36.00 -0.1
eSg 31 48.20
DST 0.91 59 ePn 31 38.20 0.2
EZN 1.21 305 ePn 31 43.40 0.3
EDC 1.21 9 ePn 31 43.00 -0.2
BNT 1.23 11 ePn 31 43.00 -0.5
KCT 1.24 27 iPn 31 44.00 0.3
S.D. = 0.4 on 6 of 6 obs.

% JUN 03, 1994 07h 54m 30.72± 0.87s
39.118 N ± 7.5km 27.585 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.76 199 ePg 54 45.50 -0.1
eSg 54 57.30
DST 0.94 59 ePn 54 49.20 0.5
EZN 1.20 306 ePn 54 53.40 0.3
BNT 1.26 12 ePn 54 54.00 -0.2
KCT 1.28 28 ePn 54 54.00 -0.4
S.D. = 0.5 on 5 of 5 obs.

% JUN 03, 1994 08h 51m 28.30± 0.84s
39.238 N ± 7.0km 27.748 E ± 8.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

DST 0.77 61 ePg 51 43.10 -0.3
eSg 51 56.10
IZM 0.92 204 ePg 51 46.00 0.1
eSg 52 00.00
EDC 1.11 5 ePn 51 49.00 -0.1
KCT 1.11 25 ePn 51 50.00 0.8
BNT 1.12 7 ePn 51 49.00 -0.4
EZN 1.25 299 iPn 51 51.40 0.0
S.D. = 0.6 on 6 of 6 obs.

? JUN 03, 1994 08h 53m 29.24± 1.19s
41.138 N ±24.9km 28.469 E ±12.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

CTT 0.03 288 iPg 53 31.00 -0.3
eSg 53 33.00
ISK 0.45 99 ePg 53 38.00 -0.4
eSg 53 44.50
DMK 0.87 322 ePg 53 46.00 0.1
eSg 53 59.00
HRT 0.96 109 ePn 53 48.00 0.4
S.D. = 0.7 on 4 of 4 obs.

JUN 03, 1994 08h 57m 38.37± 0.39s
35.252 N ± 3.5km 4.036 W ± 2.9km
DEPTH = 14.9 ± 1.9 km
4.6mb (40 obs.)
STRAIT OF GIBRALTAR (385)
mbLg 4.6 (MDD). MD 4.6 (RBA).

EMEL 0.88 87 iPc 57 54.72 -0.2
eS 58 04.80
TAF 1.40 108 iPgd 58 03.00 -0.4
eSg 58 21.00
EMAL 1.54 348 iP 58 05.18 -0.1
eS 58 24.60
EGUA 1.62 13 iPd 58 05.71 -0.8
eS 58 26.70
PLAT 1.65 302 iP 58 09.00 2.1
EJIF 1.67 316 eP 58 06.42 -0.7
eS 58 30.10
MOMI 1.74 308 iPd 58 09.50 1.4
ERON 1.77 6 iPd 58 08.06 -0.7
eS 58 31.90
ELOJ 1.89 357 eP 58 10.77 0.3
eS 58 33.30
ALJ 1.91 319 iP 58 10.50 -0.2
IFR 1.95 208 iPn 58 11.00 -0.4
iSn 58 36.00
EPRU 1.97 331 eP 58 13.01 1.5
eS 58 38.90
CNIL 1.98 305 iPd 58 13.40 1.7
LIJA 1.98 326 iP 58 13.70 1.9
ECOG 2.06 11 eP 58 13.64 0.8
eS 58 38.10
SFS 2.14 305 iP 58 18.00 4.1X
iS 58 42.00
i 59 21.00
GIBL 2.21 316 iP 58 17.10 2.1
ENIJ 2.27 40 iPd 58 14.69 -1.1
ELUQ 2.31 355 eP 58 17.77 1.3
eS 58 43.80
RBA 2.62 243 iPnd 58 20.00 -0.9
i 58 24.00
iSn 58 49.00
i 58 51.50
EHOR 2.75 340 iPc 58 22.73 0.1
eS 58 54.20
EHUE 2.81 24 iPd 58 25.11 1.5
eS 58 59.00
EBAN 2.91 4 eP 58 25.01 0.0
eS 58 58.20
EVAL 3.19 318 iPd 58 27.81 -1.2
eS 59 04.40
EALH 3.35 38 ePn 58 31.24 0.1
AVE 3.41 236 iPnc 58 30.00 -2.0
iSn 59 09.50
i 59 19.00
FIG 3.58 302 iPd 58 33.80 -0.7
S 59 15.20
EVIA 3.60 20 eP 58 35.47 0.7
eS 59 14.10
PAB 4.29 357 iPnd 58 44.50 -0.2
eSn 59 37.00
ACU 4.36 41 eP 58 44.59 -1.0
eS 59 31.20
MOE 4.76 315 eP 58 50.00 -1.2
S 59 44.00
ECHE 4.97 29 eP 58 54.86 0.7
EPLA 5.07 342 iPc 58 54.90 -0.7
eS 59 51.00
TIO 5.09 213 iPn 58 54.00 -2.0
iSn 59 51.00
INMG 5.38 312 iPgc 59 01.40 1.4
GUD 5.38 359 iPc 58 59.40 -0.7
eS 59 57.70
ETOR 5.77 15 eP 59 04.51 -1.1
MTE 5.84 333 iPc 59 05.70 -0.8
S 00 12.40
ABA 5.94 73 iP 59 10.00 2.2
COI 6.04 326 P 59 08.00 -1.2
MVO 6.36 339 iPc 59 12.40 -1.4
S 00 24.10
EROQ 6.57 31 eP 59 16.64 -0.2
PTO 6.89 330 iPnd 59 20.20 -1.0
i(Sn) 00 33.60
ESEL 7.12 49 eP 59 22.47 -1.9
eS 00 41.40
ECRI 7.44 9 eP 59 28.13 -0.9
EGRA 7.52 22 eP 59 31.78 1.8
ERUA 7.53 342 P 59 23.79 -6.4X
EZAM 7.79 334 P 59 34.06 0.2
ELIZ 8.14 13 eP 59 37.90 -0.8
BTH 8.40 20 iPnc 59 51.60 9.2X
i 59 53.00
EPF 8.48 22 eP 59 41.90 -1.6
0.7s 36.80nm 5.8mb X
LPO 10.23 21 eP 00 05.60 -2.0
0.5s 19.60nm 5.8mb X
LFF 10.34 19 eP 00 07.60 -1.5
0.7s 35.15nm 5.8mb X
CAF 10.73 24 eP 00 12.40 -2.0
0.6s 13.00nm 5.4mb X
RJF 10.90 21 eP 00 13.40 -3.3X
0.4s 4.65nm 5.2mb X
Z 16s 1.13um
LRG 11.48 41 eP 00 26.30 1.7
0.8s 12.75nm 5.3mb X

03d 09h

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   Z  17s     0.30um            5.1MszX
LMR   11.48  42 eP    00 24.00  -0.6
      0.7s   12.25nm            5.3mb X
FRF   11.70  42 eP    00 28.30   0.7
      1.0s   22.40nm            5.4mb X
MFF   11.71  13 eP    00 26.40  -1.4
      0.7s    8.50nm            5.1mb X
TCF   11.99  21 eP    00 28.80  -2.8
      0.7s   10.35nm            5.2mb X
MAF   12.04  22 eP    00 28.30  -3.9X
      0.7s   11.25nm            5.2mb X
SBF   12.33  42 eP    00 37.20   1.0
      0.7s   22.60nm            5.5mb X
BGF   12.43  23 eP    00 34.40  -3.0X
      0.5s   13.70nm            5.4mb X
PGF   12.49  50 eP    00 38.80   0.4
      0.8s   83.00nm            6.0mb X
AVF   12.80  24 eP    00 40.40  -1.9
      0.9s   32.90nm            5.5mb X
SMF   12.84  25 eP    00 43.20   0.3
      0.7s   12.80nm            5.2mb X
LPF   12.96   9 eP    00 43.30  -1.2
      0.8s   21.20nm            5.4mb X
SSF   13.09  23 eP    00 46.30   0.1
      0.5s    2.75nm            4.6mb X
LPG   13.12  35 eP    00 49.90   3.0X
      1.1s   20.50nm            5.2mb X
LBF   13.18  25 eP    00 47.80   0.4
      0.9s   15.55nm            5.1mb X
GRR   13.34   9 eP    00 48.80  -0.7
      0.7s   14.10nm            5.1mb X
LOR   13.38  24 eP    00 49.00  -1.1
      0.8s   16.80nm            5.1mb X
   Z  15s     1.10um
LDF   13.64  11 eP    00 49.60  -3.9X
      0.9s   25.55nm            5.1mb X
FLN   13.75  10 eP    00 51.70  -3.3X
      0.5s    7.85nm            4.8mb X
   Z  18s     0.60um
LOMF  14.57  31 P     01 13.04   7.3X
HAU   14.90  28 eP    01 11.20   1.2
      0.8s   26.20nm            4.7mb X
BSF   14.94  29 eP    01 12.00   1.4
      0.8s   37.60nm            4.9mb X
MOF   15.09  30 P     01 20.04   7.5X
ECH   15.39  29 P     01 21.70   5.3X
LIBD  15.52  30 P     01 25.10   7.1X
CDF   15.60  29 eP    01 19.20   0.1
      1.0s   64.40nm        4.8mb
WLS   15.63  29 P     01 25.10   5.6X
DOU   16.12  20 P     01 25.60  -0.1
WLF   16.22  24 iPc   01 30.81   3.8X
             id       01 34.66
LANF  16.26  29 P     01 32.22   4.6X
SNF   16.41  19 P     01 36.20   6.8X
SQTA  16.53  39 iPd   01 34.00   2.8X
      0.9s   29.50nm        4.4mb
MOTA  16.56  39 iPd   01 32.90   1.4
WTTA  16.78  40 iPd   01 36.80   2.4
      1.1s   41.00nm        4.5mb
             i        01 41.60
             i        01 52.90
ENN   17.11  22 eP    01 41.50   3.3X
      1.0s   30.00nm        4.4mb
VOY   17.31  46 eP    01 41.50   0.5
             i        01 51.00
KBA   17.58  43 iPc   01 45.30   0.8
      0.9s   12.70nm        4.0mb
             i        01 53.40
             i        02 07.70
LJU   17.70  47 eP    01 47.50   1.8
             e        02 02.00
GRF   18.25  33 eP    01 54.00   1.5
   Z  14s     0.50um
WTS   18.45  22 eP    02 00.00   5.1X
      0.8s   36.40nm        4.6mb
PTJ   18.49  49 eP    01 56.00   0.4
GEC2  18.86  39 P     01 58.70  -1.4
      1.0s   13.48nm        4.1mb
             e        02 02.70
             e        02 07.30
             PcP      06 25.10
KHC   18.98  38 P     02 00.50  -1.0
      1.0s   25.00nm        4.4mb
   Z  16s     0.60um
   N  12s     1.00um
   E  14s     0.50um
             e        02 15.00
             e        02 28.40
             e        04 12.60
MOX   19.12  32 eP    02 05.60   2.5
      1.6s   31.00nm            4.3mb
VLO   19.27  67 eP    02 04.20  -0.9
TPE   19.64  68 eP    02 08.00  -1.4
PRU   20.01  37 eP    02 11.80  -1.3
   Z  16s     0.50um            4.0MszX
LSK   20.07  69 eP    02 10.70  -3.3X
EKA   20.09   1 Pc    02 12.37  -1.6
      1.1s    9.70nm            4.1mb
PHP   20.18  64 iPd   02 16.10   1.1
CLL   20.20  32 iPc   02 15.30   0.2
      1.8s   75.00nm            4.7mb
             eSg      21 34.00
KBN   20.27  67 eP    02 14.50  -1.5
ZST   20.32  44 eP    02 15.30  -1.1
BRG   20.32  34 iP    02 16.40   0.0
      0.7s   10.00nm            4.3mb
             i        02 19.00
SRO   20.83  46 iP    02 21.00  -0.6
SKO   20.96  64 eP    02 22.00  -1.1
BUD   21.10  48 eP    02 24.00  -0.4
VAY   21.70  66 iP    02 30.00  -0.5
      1.1s   80.00nm            5.0mb
             i        02 42.30
OKC   21.78  41 P     02 33.40   2.1
             e        02 49.90
SPC   22.62  45 eP    02 42.10   2.3
GZR   22.72  55 ePc   02 42.00   1.3
UZH   23.58  47 eP    02 48.50  -0.4
      1.0s   25.00nm            4.7mb
             e        02 51.80
             e        03 33.20
COZ   23.76  56 eP    02 51.50   0.5
CMP   24.22  57 ePc   02 59.00   3.7X
MLR   24.90  57 eP    03 02.00   0.1
VRI   25.52  56 eP    03 09.00   1.3
LKO   25.63 184 P     03 08.78  -0.2
      0.8s   13.50nm            4.6mb
KIS   27.23  54 eP    03 21.00  -2.4
   Z  15s     0.30um            4.0MszX
HFS   27.43  19 eP    03 23.60  -1.5
      0.4s    2.00nm            4.1mb
   Z  14s     0.40um            4.1MszX
             LR       13 28.00
NB2   27.59  16 P     03 25.30  -1.4
      0.8s    2.50nm            4.0mb
TIC   28.48 182 P     03 30.73  -4.3X
      0.8s    8.00nm            4.6mb
KIC   28.76 181 P     03 29.91  -7.6X
      1.3s   28.00nm            4.9mb
LIC   28.90 182 P     03 32.81  -5.9X
      1.0s    7.50nm            4.4mb
   Z  21s     0.16um            3.6Msz
KAF   32.94  26 eP    04 12.90  -1.1
      0.8s   13.10nm            4.9mb
OBN   34.19  42 eP    04 33.50   8.6X
      1.0s   14.00nm            4.8mb
   Z  11s     0.50um            4.5MszX
   E  11s     0.40um
BCAO  37.09 141 iPd   04 52.10   2.1
      0.9s    9.00nm            4.6mb
LVZ   39.32  22 (P)   05 04.00  -4.1X
KER   41.62  76 ePc   05 27.50  -0.1
DAG   42.15 355 eP    05 31.00  -0.1
      0.8s    8.21nm            4.5mb
LMN   46.35 303 eP    06 04.50  -0.9
      1.0s    4.00nm            4.4mb
SVE   47.74  42 eP    06 18.00   1.7
   Z  15s     0.60um            4.7MszX
   N  15s     0.30um
   E  15s     0.20um
CBM   48.43 305 eP    06 22.70   1.0
      0.6s   10.35nm            5.1mb
MAIO  50.70  69 eP    06 38.00  -1.4
JAQ   52.04 314 eP    06 49.00  -0.2
GAC   53.67 304 eP    07 02.50   1.1
SOB1  56.28 225 eP    07 20.90   0.2
RES   56.59 341 eP    07 23.50   1.2
MCWV  58.66 299 eP    07 37.67   0.4
      0.8s   10.35nm            5.0mb
MBC   61.70 346 eP    08 00.00   2.3
      1.0s    2.00nm            4.2mb
ULM   64.93 315 eP    08 23.00   3.7X
BAO   65.56 227 eP    08 23.60  -0.2
FVM   66.87 301 eP    08 31.44  -0.4
      0.8s    7.68nm            4.9mb
YKA   67.95 332 eP    08 35.30  -3.0X
      0.8s    5.60nm            4.8mb
INK   70.13 342 eP    08 50.00  -1.6
      1.0s    3.00nm            4.4mb
MIAR  70.75 299 eP    08 55.35  -0.6
      1.0s   11.34nm            5.0mb
TUL   71.63 301 iPc   09 02.90   1.7
VVO   71.88 301 iPd   09 02.20  -0.6
ZAK   73.42  40 eP    09 10.00  -1.4
      1.5s   23.00nm            5.0mb
ACO   73.54 303 e(P)  09 11.50  -1.0
BOD   73.82  29 eP    09 14.80   1.1
      0.7s   19.00nm            5.2mb
MEO   74.16 301 iPd   09 16.10  -0.1
WMOK  74.33 302 eP    09 16.24  -0.9
      0.9s    7.99nm            4.7mb
GOL   76.03 309 (P)   09 27.18   0.1
BW06  76.85 313 eP    09 30.95  -0.6
      0.9s    6.22nm            4.7mb
NEW   77.70 321 eP    09 36.77   0.9
      1.1s    6.39nm            4.6mb
HHAI  78.20 315 eP    09 38.11  -0.7
PV08  78.76 309 eP    09 42.46   0.2
PV09  79.11 310 eP    09 45.67   1.5
PV10  79.12 309 eP    09 44.25   0.1
EMUT  79.37 311 eP    09 45.32  -0.2
LPAZ  79.44 241 P     09 54.30   7.7X
LPB   79.58 241 P     09 52.00   4.9X
SRU   79.61 311 eP    09 46.89   0.1
DUG   80.35 313 eP    09 51.23   0.6
      1.6s   13.77nm            4.7mb
RMW   80.60 323 (P)   09 52.62   0.9
MSU   81.00 311 eP    09 54.85   0.7
GMW   81.03 323 eP    09 55.24   1.4
LON   81.09 322 eP    09 55.52   1.3
TNP   84.34 313 eP    10 11.65   0.3
      0.9s    5.13nm            4.8mb
GLA   86.11 308 (P)   10 21.72   1.7
BJI   87.02  42 eP    10 25.00   0.7
      1.0s    6.00nm            4.8mb
STKA 151.25  93 ePKP  17 31.00   4.5X
      S.D. = 1.2  on 145 of 177 obs.
--------------------------------------
% JUN 03, 1994  09h 12m 54.88± 0.53s
  28.009 S ± 5.2km   26.782 E ± 6.3km
  DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA          (584)
     ML 3.1 (PRE).

SEK     0.81 113 eP     13 11.20   0.1
                 S      13 20.80
BFS     1.11   0 eP     13 15.50  -0.7
                 S      13 30.40
BLF     1.21 205 iPc    13 17.80  -0.3
                 S      13 34.40
PRY     1.24  30 iPc    13 18.50   0.0
                 S      13 34.90
BOSA    1.35 243 eP     13 21.30   1.1
                 S      13 38.10
KSR     2.14   3 eP     13 32.00   0.1
                 S      13 55.00
FRS     2.16 216 iPc    13 31.00  -0.9
                 S      13 58.00
SLR     2.63  31 eP     13 39.20   0.3
                 S      14 11.30
HVD     2.82 203 eP     13 31.00 -10.6X
                 S      14 02.70
NWL     2.82  85 eP     13 41.90   0.3
                 S      14 15.00
GRM     5.29 182 eP     14 28.00  11.4X
                 S      15 29.00
      S.D. = 0.7  on   9 of  11 obs.
--------------------------------------
* JUN 03, 1994  09h 16m 33.19± 2.45s
  37.791 N ±20.1km   20.388 E ± 9.1km
  DEPTH =   5.0km  (geophysicist)
  3.8mb (  2 obs.)
 IONIAN SEA                         (399)
     MD 3.5 (ATH).

VLS     0.42  22 ePg    16 40.10  -1.5
                 eSb    16 46.40
IGT     1.74 359 ePb    17 04.60   0.4
                 eSb    17 25.18
KEK     1.97 347 ePn    17 09.00   1.4
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SRN     2.11 352 ePn    17 10.00   0.5
LSK     2.36   4 ePn    17 13.60   0.3
TPE     2.52 353 ePn    17 15.50   0.1
KZN     2.73  23 ePb    17 20.50   1.9
VLO     2.76 346 ePn    17 11.30  -7.6X
LIT     2.83  35 ePn    17 21.58   1.7
                 eSn    17 51.18
KBN     2.85   6 ePn    17 21.50   1.3
FNA     3.09  14 ePn    17 23.35  -0.2
                 iSn    17 58.44
PAIG    3.34  49 ePn    17 26.60  -0.5
                 eSn    18 03.86
THE     3.47  34 iPn    17 28.54  -0.4
GRG     3.53  26 ePn    17 30.62   0.9
                 eSn    18 08.56
TIR     3.58 354 ePn    17 29.60  -0.8
OUR     3.78  47 ePn    17 33.48   0.1
                 eSn    18 14.80
SOH     3.80  36 ePn    17 33.35  -0.4
                 eSn    18 16.44
LACI    3.88 352 ePn    17 33.10  -1.6
KNT     3.89  29 ePn    17 34.32  -0.6
PHP     3.89   1 iPnd   17 35.10   0.2
VAY     3.91  25 iPn    17 39.00   3.8X
SRS     4.15  36 ePn    17 37.80  -0.7
SKO     4.25  11 ePn    17 39.50  -0.6
HFS    22.77 351 eP     21 36.30  -1.0
        0.4s      2.40nm           4.1mb
NB2    23.98 349 P      21 48.60  -0.6
        0.6s      0.80nm           3.5mb
     S.D. = 1.0  on  23 of  25 obs.
-------------------------------------
* JUN  03, 1994  09h 24m 14.46± 0.46s
   11.099 S ±12.3km  112.548 E ±16.6km
   DEPTH =  33.0km  (normal)
   4.9mb (  5 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

LEM     6.46 311 iPc    25 52.00   2.1
NANU   11.75 166 eP     27 02.00  -0.8
                 eS     29 04.00
MBL    12.20 146 eP     27 05.00  -4.0X
        0.3s      8.00nm           5.3mb
                 eS     29 09.00
MEEK   16.48 161 eP     28 05.20   0.3
                 eS     30 57.00
WB2    22.75 115 eP     29 15.00  -0.2
        0.5s      5.50nm           4.3mb
                 eS     33 17.70
ASPA   23.86 124 eP     29 27.50   1.5
        1.3s      9.80nm           4.2mb
JIRN   46.23 327 P      32 38.88   0.0
PKI    46.58 326 P      32 40.94  -0.7
GUN    46.59 327 P      32 41.78   0.0
        0.4s      9.00nm           5.1mb
DMN    46.78 326 P      32 42.90  -0.2
KKN    46.82 326 P      32 43.06  -0.4
GKN    47.34 326 P      32 47.02  -0.4
KOLN   47.74 325 P      32 50.30  -0.4
        0.3s      7.00nm           5.2mb
DANN   48.10 325 P      32 53.08  -0.5
PYUN   48.34 324 P      32 55.10  -0.2
     S.D. = 0.9  on  14 of  15 obs.
-------------------------------------
* JUN  03, 1994  09h 34m 57.24± 1.02s
   30.700 S ±12.0km  177.443 W ±17.1km
   DEPTH =  33.0km  (normal)
   4.7mb (  3 obs.)
 KERMADEC ISLANDS, NEW ZEALAND   (178)

WCZ     8.63 231 eP     37 08.90   6.1X
OUZ     8.77 237 P      37 09.20   4.4X
THZ    13.50 213 eP     38 09.50   0.6
LTZ    14.59 211 eP     38 19.80  -3.4X
DZM    16.79 297 iPc    38 52.70   1.2
ODZ    17.10 210 P      38 56.30   1.1
MSZ    18.09 215 eP     39 05.90  -1.5
TOO    31.29 247 eP     41 17.00   0.6
STKA   34.88 257 iPd    41 47.70   0.1
ASPA   43.57 267 iPd    42 58.00  -2.0
        0.6s      8.20nm           4.7mb
CSY    55.10 208 iPc    44 27.50  -0.5
        0.7s     17.20nm           5.2mb
SPA    59.47 180 eP     45 00.00   0.8
        0.7s      1.17nm           4.1mb
KAF   144.99 341 ePKP   54 27.30  -4.6X
        0.6s      3.70nm
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NUR   146.76 340 ePKP   54 33.20  -1.7
        0.5s      4.60nm
NB2   149.12 352 PKP    54 39.70   1.0
        0.6s      1.80nm
HFS   149.63 349 ePKP   54 39.90   0.5
        0.5s      1.10nm
     S.D. = 1.3  on  12 of  16 obs.
-------------------------------------
% JUN  03, 1994  09h 39m 44.69± 1.95s
   11.927 N ± 7.4km   60.726 W ±25.1km
   DEPTH =  33.0km  (normal)
 WINDWARD ISLANDS                 ( 95)
     MD 3.2 (TRN).

GRW     0.94 284 iP     40 01.65   0.0
                 eS     40 15.06
SVB     1.43 339 iP     40 08.64   0.0
                 eS     40 26.50
TRN     1.43 208 iP     40 08.52  -0.1
                 eS     40 26.81
SVV     1.46 341 iP     40 09.02   0.0
                 eS     40 29.62
TCE     1.58 220 iP     40 10.89   0.1
                 eS     40 29.60
     S.D. = 0.1  on   5 of   5 obs.
-------------------------------------
* JUN  03, 1994  10h 14m 39.41± 0.68s
   10.981 S ±18.8km  112.739 E ±23.3km
   DEPTH =  33.0km  (normal)
   5.1mb (  8 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

LEM     6.53 309 iPd    16 17.00   1.1
NANU   11.82 167 eP     17 28.00  -0.7
                 eS     19 33.00
IPM    19.36 322 ePc    19 03.50  -1.9
WB2    22.63 116 eP     19 38.00  -1.0
        0.7s     10.40nm           4.4mb
                 i      19 41.80
                 epP    19 53.80  69kmX
                 eS     24 00.80
ASPA   23.77 125 eP     19 52.90   2.8X
        1.0s      8.70nm           4.2mb
STKA   33.79 132 eP     21 22.50   2.0
GBA    42.70 304 P      22 40.70   5.5X
        0.5s      2.00nm           4.1mb
ODAN   44.95 327 P      22 55.94   2.3
JIRN   46.23 327 P      23 03.64  -0.3
        1.1s     71.00nm           5.5mb
GUN    46.60 327 P      23 06.40  -0.4
        0.6s     25.00nm           5.3mb
GKN    47.35 326 P      23 12.84   0.3
KOLN   47.76 324 Pd     23 15.34  -0.4
        0.6s     17.00nm           5.3mb
DANN   48.11 325 P      23 17.90  -0.7
        0.7s     35.00nm           5.5mb
PYUN   48.36 324 P      23 19.96  -0.5
        0.7s     22.00nm           5.3mb
     S.D. = 1.4  on  12 of  14 obs.
-------------------------------------
  JUN  03, 1994  11h 25m 06.66± 0.14s
   3.524 N ± 3.0km   78.778 W ± 2.1km
   DEPTH =   9.0km  (geophysicist)
   5.9mb (147 obs.)  5.1Msz ( 41 obs.)
 SOUTH OF PANAMA                  ( 83)
      Mw 5.8 (GS), 5.8 (HRV). Ms 5.1
      (BRK). MD 5.2 (UPA). Depth from
      broadband displacement
      seismograms.
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike=230 Dip=55 Slip= -40
       NP2:        346     58     -138
       Principal Axes:
       T                 Plg= 2  Azm=107
       P                     51      200
      Comment: The focal mechanism is
        moderately well controlled
        and corresponds to strike-
        slip faulting with a large
        normal component. The
        preferred fault plane is not
        determined.
      RADIATED ENERGY
       No. of sta:  20  Focal mech.  F
       Energy       2.1±0.4*10**13 Nm
      MOMENT TENSOR SOLUTION
      Dep  19            No. of sta: 24
```

```
      Moment Tensor;    Scale 10**17 Nm
        Mrr=-4.79          Mtt= 2.90
        Mff= 1.88          Mrt= 2.30
        Mrf= 1.27          Mtf= 2.57
       Principal axes:
        T  Val=  5.66  Plg=14  Azm=322
        N        -0.19      5       53
        P        -5.47     75      161
      Best Double Couple:Mo=5.6*10**17
       NP1:Strike= 45 Dip=31 Slip= -99
       NP2:        236     59      -85
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 54S,104C
      Centroid Location:
      Origin Time          11:25:10.2 0.3
      Lat  3.21N 0.02 Lon  78.78W 0.02
      Dep  15.0 BDY Half-duration  1.9
      Moment Tensor;    Scale 10**17 Nm
        Mrr=-4.72 0.08  Mtt= 0.82 0.09
        Mff= 3.90 0.11  Mrt= 2.35 0.28
        Mrf= 0.03 0.32  Mtf= 2.75 0.08
       Principal Axes:
        T  Val=  5.66  Plg= 7  Azm=303
        N         0.02     22       35
        P        -5.68     67      196
      Best Double Couple:Mo=5.7*10**17
       NP1:Strike= 10 Dip=42 Slip=-123
       NP2:        231     56      -63
ANCC    1.91  90 iPc    25 39.23  -0.5
HOQC    2.14  91 iPc    25 42.43  -0.9
CLMC    2.24  81 iPc    25 43.69  -0.9
SILC    2.57 109 iPc    25 49.58   0.0
DIAC    2.59  95 iPc    25 49.27  -0.3
AZUC    2.64  86 iPc    25 49.14  -1.5
PURC    2.69 116 iPc    25 50.97  -0.4
HOBC    2.76  73 iPc    25 50.71  -1.4
BOG     4.83  77 iPc    26 24.00   2.4
UPA     5.47 352 ePd    26 28.18  -2.2
                 eS     27 26.95
                 e      27 27.52
ECO     5.87 351 eP     26 34.07  -2.0
                 eS     27 36.91
DVD     6.09 323 ePd    26 36.78  -2.3
                 eS     27 42.38
BRU     6.46 325 eP     26 43.20  -1.5
                 eS     27 54.07
BMG     6.68  58 eP     26 48.00   0.4
TPX    17.45 311 (P)    29 15.00   3.0X
TCE    18.33  66 eP     29 24.08   1.2
MGP    18.39  38 P      29 28.00   4.3X
TPP    18.47  68 eP     29 24.89   0.2
TRN    18.63  67 eP     29 26.50  -0.1
MCP    18.70  37 P      29 24.50  -3.0
CLLP   18.76  39 P      29 28.00  -0.3
TBH    18.88  68 eP     29 30.10   0.4
SCX    18.91 315 (P)    29 35.00   5.0X
GRW    18.99  62 eP     29 29.73  -1.4
SJG    19.06  40 ePc    29 31.50  -0.4
CPD    19.15  40 P      29 32.00  -1.1
LPR    19.38  40 P      29 37.00   1.1
SVB    19.84  60 eP     29 39.57  -1.4
SVV    19.89  60 eP     29 40.44  -1.1
SLB    20.28  59 iP     29 44.05  -1.6
SLW    20.46  58 eP     29 45.86  -1.7
BIM    20.60  57 eP     29 47.05  -1.8
FDF    20.64  56 eP     29 47.78  -1.6
                 S      33 42.00
DTMT   20.73  55 eP     29 51.42   1.1
MDN    20.74  54 eP     29 49.43  -0.9
MVM    20.76  57 eP     29 49.24  -1.3
CRM    20.84  57 eP     29 48.23  -3.2X
PAG    20.91  52 eP     29 50.90  -1.2
MBET   20.95  50 eP     29 54.26   1.8
ARE    21.12 160 eP     29 56.00   1.4
SEG    21.26  52 eP     29 56.85   1.2
BPA    21.36  50 eP     29 56.40  -0.3
DEG    21.56  53 eP     29 57.53  -1.2
OXX    22.17 309 (P)    30 08.50   3.4X
LPAZ   22.32 152 iPc    30 05.95  -1.1
LPAZ   22.32 152 ePc    30 09.53   2.5X
        0.9s    392.84nm           5.9mb
LPB    22.55 152 iPc    30 08.20  -0.8
   Z  17s      19.39um           5.6MszX
                 S      34 18.00
                 LR     39 20.00
```

03d 11h

LVVM 23.60 314 (P) 30 20.00 1.2
IISM 23.81 312 (P) 30 24.50 3.7X
CCH 24.24 149 P 30 25.80 0.4
IIT 24.53 310 (P) 30 30.00 1.9
ACX 24.58 304 (P) 30 31.00 2.6
PPM 24.80 310 (P) 30 34.50 3.5X
III 25.06 308 (P) 30 36.00 2.8
UNM 25.38 310 (P) 30 39.00 2.7
CRX 25.80 309 (P) 30 44.00 3.7X
MRX 27.15 308 (P) 30 55.00 2.7
CGX 28.96 306 (P) 31 10.50 1.5
AGX 29.23 311 (P) 31 14.00 2.9
HBF 29.29 357 eP 31 12.33 0.8
SGS 29.56 357 eP 31 14.93 1.0
PRM 30.59 354 eP 31 22.22 -0.9
JSC 30.69 356 eP 31 23.99 0.0
LHS 30.86 357 eP 31 25.07 -0.4
MYNC 31.78 352 P 31 40.00 6.3X
z 20s 2.57um 4.9Msz
CEH 32.21 360 eP 31 36.83 -0.5
1.3s 174.24nm 5.8mb
z 22s 2.35um 4.8Msz
esPc 31 40.97
BLA 33.56 358 eP 31 49.32 0.2
1.1s 149.46nm 5.8mb
NAV 33.68 357 ePd 31 50.71 0.5
MIAR 33.79 338 ePd 31 49.73 -1.4
1.0s 77.31nm 5.6mb
z 21s 2.02um 4.8Msz
epPc 31 52.71 10kmX
esPc 31 53.70
MFTN 33.92 345 eP 31 51.18 -1.0
GRT 34.03 345 ePc 31 52.03 -1.1
CVL 34.29 0 ePd 31 55.89 0.5
VVO 35.34 336 iPc 32 03.00 -1.4
TUL 35.86 336 iPd 32 07.60 -1.2
BDFB 35.91 123 eP 32 08.13 -1.5
0.8s 94.15nm 5.7mb
FVM 35.91 344 eP 32 07.77 -1.5
1.0s 394.14nm 6.2mb
z 19s 3.44um 5.1Msz
BAO 35.92 123 Pd 32 07.90 -1.9
i 33 30.20
SIO 35.93 335 iPd 32 07.80 -1.6
MCWV 35.98 359 ePd 32 10.58 0.8
1.3s 149.86nm 5.7mb
z 20s 3.13um 5.1Msz
esPc 32 14.38
MEO 36.13 332 iPc 32 09.50 -1.7
WMOK 36.19 332 iPd 32 10.07 -1.6
1.2s 168.82nm 5.8mb
z 21s 3.58um 5.1Msz
epPc 32 12.38 8kmX
esPc 32 13.71
CCM 36.21 343 iPd 32 10.46 -1.3
epPc 32 12.69 8kmX
OCO 36.24 334 iPc 32 10.60 -1.5
TYS 36.46 344 eP 32 12.38 -1.5
PEL 37.26 169 iP+ 32 22.50 1.8
GMTN 37.42 6 iP 32 23.70 1.8
PNJ 37.45 6 iP 32 23.11 1.0
PP 32 48.68
WCC 37.63 6 eP 32 24.18 0.6
TBR 37.67 6 eP 32 24.85 0.8
epP 32 33.81 30kmX
CRNY 37.91 6 ePd 32 26.55 0.6
epP 32 35.29 30kmX
ACO 37.96 333 iPc 32 25.60 -1.0
LSCT 38.31 7 eP 32 30.10 0.7
1.0s 197.08nm 5.8mb
z 19s 1.89um 4.9Msz
epP 32 38.80 29kmX
BINY 38.59 3 iPd 32 33.00 1.3
1.3s 327.86nm 5.9mb
z 19s 1.38um 4.8Msz
epPc 32 35.07 7kmX
esPc 32 36.64
i 34 52.24
YSNY 38.78 0 ePd 32 34.00 0.6
1.0s 187.74nm 5.7mb
z 21s 1.67um 4.8Msz
esPc 32 38.05
DLA 39.24 357 P 32 36.60 -0.6
HRV 39.35 8 eP 32 38.91 0.9
1.0s 167.03nm 5.7mb
z 19s 1.18um 4.7Msz
esPc 32 42.88
LDN 39.40 357 P 32 38.10 -0.4
TYNO 39.41 359 P 32 38.34 -0.2
STCO 39.52 360 P 32 39.54 0.2
ELF 39.56 357 P 32 38.90 -0.9
SOB1 39.82 109 iPd 32 41.40 -1.0
e 32 43.70
e 33 00.50
ACTO 39.93 359 P 32 42.49 -0.4
WLVO 40.23 0 P 32 45.35 0.1
ALQ 40.45 324 ePd 32 48.26 0.8
1.0s 268.02nm 5.9mb
z 19s 2.14um 5.0Msz
ANMO 40.45 324 iPd 32 48.58 1.1
ec 32 51.89
VAO 40.72 132 eP 32 47.60 -2.1
LBNH 41.00 8 eP 32 52.77 1.2
1.0s 201.11nm 5.8mb
z 19s 1.23um 4.8Msz
epP 33 01.18 28kmX
TUC 41.48 317 eP 32 57.78 2.0
1.1s 142.24nm 5.6mb
z 19s 7.93um 5.6Msz
ITR 42.04 107 eP 32 59.40 -1.2
GAC 42.11 3 eP 33 01.50 0.9
UFRS 42.60 144 eP 33 02.60 -2.3
XIN 42.78 108 eP 33 04.80 -1.9
e 34 44.40
GLD 43.29 330 ePd 33 11.76 1.1
1.5s 350.07nm 5.9mb
z 19s 3.49um 5.3Msz
epP 33 20.90 31kmX
GOL 43.33 330 P 33 20.00 8.9X
z 20s 2.14um 5.0Msz
LMN 43.89 14 ePd 33 16.20 1.0
1.0s 96.00nm 5.6mb
CBM 44.22 10 eP 33 18.62 0.8
1.0s 189.74nm 5.9mb
z 21s 1.18um 4.8Msz
epPc 33 21.02 8kmX
esPc 33 22.43
PV08 44.25 326 eP 33 18.25 -0.4
ePP 35 03.21
PV10 44.33 325 iPd 33 19.23 0.0
PV09 44.47 326 ePd 33 20.83 0.5
GLA 44.69 315 eP 33 22.75 0.8
SMTC 45.27 315 ePd 33 28.26 1.8
SRU 45.67 325 eP 33 30.14 0.3
PFO 46.14 315 ePd 33 34.55 1.0
epPc 33 37.12 9kmX
esPc 33 39.02
MSU 46.24 323 eP 33 34.60 0.2
PLM 46.29 314 iPd 33 36.22 1.4
EMUT 46.32 326 eP 33 34.78 -0.2
ARUT 46.55 322 eP 33 37.27 0.5
PEC 46.79 315 ePd 33 39.41 0.8
1.2s 211.86nm 6.1mb
DAU 46.97 326 eP 33 40.32 0.1
e 35 11.75
CSP 47.14 315 eP 33 42.48 1.0
GSC 47.29 317 iPd 33 43.58 1.0
epPc 33 46.15 9kmX
esPc 33 47.81
SSK 47.33 315 eP 33 43.56 0.5
DUG 47.71 325 iP 33 46.03 0.1
1.2s 83.01nm 5.7mb
z 19s 4.57um 5.5Msz
esP 33 50.33
BW06 47.72 329 ePd 33 44.88 -1.2
1.4s 178.79nm 6.0mb
e 35 21.67
TPNV 47.84 319 eP 33 47.81 0.8
epP 33 57.56 33kmX
CALB 47.96 314 iPd 33 49.01 1.3
epPc 33 51.33 8kmX
esPc 33 52.90
ISA 48.64 316 iPd 33 53.98 0.9
1.0s 111.69nm 5.9mb
z 20s 1.73um 5.0Msz
epPc 33 56.63 9kmX
esPc 33 58.12
ABL 48.74 315 ePd 33 54.62 0.6
HVU 48.74 326 iPd 33 53.23 -0.7
ULM 48.75 345 eP 33 55.00 1.4
TNP 49.12 320 eP 33 56.75 -0.2
1.2s 87.83nm 5.7mb
PTI 49.26 328 eP 33 57.62 -0.2
ELK 49.49 324 iPd 33 59.58 -0.2
e 35 21.61
i 35 29.94
BCH 49.52 315 ePd 34 00.93 1.0
HHAI 49.55 328 eP 33 57.62 -2.5
MTUM 49.60 318 ePd 34 01.14 0.5
BONR 49.76 319 ePd 34 02.98 1.0
MLAC 49.93 318 ePd 34 03.40 0.2
isPc 34 08.03
PKEM 49.98 316 eP 34 04.45 1.1
MMPM 50.05 318 eP 34 05.40 1.1
PHAM 50.07 315 ePd 34 04.72 0.7
JAQ 50.18 2 eP 34 02.00 -2.5
KVN 50.24 320 ePd 34 05.75 0.2
CMB 51.19 318 ePd 34 12.48 0.0
1.8s 190.00nm 5.7mb
z 20s 1.40um 5.0Msz
epPc 34 14.71 7kmX
eSS 41 38.31
eLQ 48 47.31
eLR 50 48.31
SAO 51.26 316 eP 34 13.43 0.4
1.0s 74.21nm 5.6mb
z 19s 2.31um 5.2Msz
ARN 51.61 316 ePd 34 16.24 0.5
COE 51.67 316 eP 34 16.07 -0.1
MHC 51.69 316 ePd 34 17.09 0.7
1.4s 470.00nm 6.2mb
STAN 52.09 316 ePd 34 20.14 0.9
1.4s 1070.00nm 6.6mb
HMR 52.20 317 eP 34 22.20 2.1
epP 34 31.12 30kmX
BKS 52.36 317 ePd 34 22.01 0.6
1.3s 440.00nm 6.2mb
z 20s 2.40um 5.2Msz
ORV 52.73 319 ePd 34 24.50 0.4
1.5s 640.00nm 6.3mb
z 20s 2.00um 5.2Msz
eS 41 58.36
eLQ 45 36.36
eLR 51 22.36
NTYM 52.91 317 eP 34 25.92 0.5
MIN 53.21 320 ePd 34 26.90 -0.9
1.7s 180.00nm 5.8mb
LMEM 53.29 320 eP 34 28.77 0.3
LBFM 53.93 320 ePd 34 32.53 -0.6
WDC 53.94 319 eP 34 30.21 -2.7
1.3s 34.30nm 5.2mb
z 20s 0.89um 4.8Msz
YBH 54.65 320 ePd 34 36.06 -2.3
1.7s 100.00nm 5.6mb
z 20s 2.10um 5.2Msz
e 37 56.62
eS 42 23.62
eLQ 48 26.62
eLR 52 26.62
KMPM 54.90 318 eP 34 40.43 0.3
VIPM 54.92 324 P 34 40.02 -0.4
JBO 55.04 326 P 34 40.56 -0.5
ARC 55.09 319 ePd 34 41.81 0.4
2.1s 820.00nm 6.4mb
NEW 55.35 330 P 34 42.23 -1.0
1.3s 86.41nm 5.6mb
z 19s 1.86um 5.2Msz
CROR 55.41 325 P 34 44.01 0.2
VGB 55.60 325 ePd 34 45.19 0.1
DPW 55.65 329 eP 34 44.49 -0.9
WAH2 55.67 327 P 34 44.68 -0.8
DBO 55.72 322 P 34 44.93 -1.1
VBEM 55.80 324 P 34 46.73 0.0
EBG 56.31 327 P 34 49.99 -0.2
ASR 56.43 325 P 34 51.09 -0.1
RNO 56.45 322 P 34 51.02 -0.3
WTV 56.46 328 P 34 50.66 -0.6
COR 56.55 323 ePd 34 51.60 -0.3
epPc 34 54.42 9kmX
esPc 34 55.90
SHW 56.82 325 eP 34 53.86 -0.2
LON 56.90 326 iPd 34 53.64 -0.8
FMW 56.93 326 P 34 54.32 -0.5
RMW 57.32 327 ePd 34 56.19 -1.2
BMW 57.55 325 ePd 34 58.28 -0.8
JCW 57.82 327 P 34 59.30 -1.5
GMW 57.91 326 eP 34 59.85 -1.6
MCW 58.59 327 ePd 35 05.71 -0.5
STW 58.74 326 P 35 07.27 0.0
FRB 60.56 5 eP 35 17.50 -1.9
1.0s 76.00nm 5.8mb

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YKA    64.54 342 P    35 44.20  -1.9
       0.9s   103.00nm        6.0mb
KDS    66.37  78 iP   35 58.50  -0.1
GDH    67.74   9 ePd  36 03.00  -3.3X
       1.0s    60.00nm        5.7mb
                 e    36 13.00
                 e    36 54.00
                 e    45 03.00
SIT    69.40 331 eP   36 16.07  -0.7
       1.2s    29.24nm        5.3mb
   Z  20s     1.84um          5.3Msz
RUV    70.39 253 iPd  36 24.00   0.4
       1.6s   870.60nm        6.6mb
TPT    70.58 253 iPd  36 25.20   0.5
       1.7s   794.00nm        6.6mb
VAH    70.63 253 iPd  36 25.40   0.4
       1.4s   496.60nm        6.4mb
PMO    70.85 253 iPd  36 26.90   0.5
       1.4s   547.20nm        6.5mb
RES    71.72 356 eP   36 28.50  -2.1
       1.0s    14.00nm        5.0mb
TIO    72.35  59 iP   36 36.00   0.6
                 i    37 01.00
AVE    72.51  56 eP   36 39.00   2.9
                 i    36 45.00
MOE    72.53  51 eP   36 36.10   0.0
TVO    72.58 250 iPd  36 37.20   0.4
PPN    72.71 251 iPd  36 37.70   0.2
       1.5s   406.40nm        6.3mb
COI    72.77  49 (P)  36 38.00   0.5
PTO    72.80  48 eP   36 37.80   0.2
PPT    72.85 251 iPd  36 38.80   0.5
       1.5s   758.40nm        6.6mb
PAE    72.87 250 iPd  36 39.00   0.6
       1.3s   831.80nm        6.7mb
EZAM   72.92  47 eP   36 37.98  -0.4
AFR    73.04 251 iPd  36 39.60   0.2
       1.0s   311.20nm        6.4mb
STS    73.17  46 eP   36 38.58  -1.2
       0.5s     0.02nm        2.5mb X
MTE    73.47  49 eP   36 41.20  -0.5
TIC    73.48  84 P    36 41.10  -1.0
       1.2s    75.50nm        5.6mb
LIC    73.49  85 P    36 41.18  -1.0
       1.0s    72.50nm        5.7mb
   Z  20s     0.95um          5.1Msz
EVAL   73.64  52 eP   36 41.35  -1.3
KIC    73.77  84 P    36 43.02  -0.8
       1.1s   101.50nm        5.8mb
MVO    73.98  48 eP   36 44.40  -0.2
ERUA   74.10  47 eP   36 45.54   0.3
EMON   74.15  46 eP   36 45.24  -0.3
INK    74.28 342 eP   36 45.00  -0.7
       1.0s    56.00nm        5.5mb
BALM   74.36 333 eP   36 45.73  -0.8
IFR    74.44  56 iPc  36 47.00  -0.6
EJIF   74.50  53 eP   36 48.74   1.1
EPLA   74.52  49 eP   36 47.35  -0.4
EPRU   74.75  53 P    36 54.68   5.5X
EHOR   74.85  52 eP   36 49.60   0.0
AKU    75.05  22 iP   36 50.30   0.1
       1.5s   233.33nm        6.0mb
ELUQ   75.59  52 eP   36 54.25   0.3
ELOJ   75.63  53 eP   36 54.80   0.5
PAB    75.77  50 eP   36 54.60  -0.4
                 iS   46 35.00
ERON   75.89  53 eP   36 56.13   0.3
EBAN   76.04  52 eP   36 56.43   0.0
GUD    76.05  49 eP   36 56.74   0.1
       0.5s     0.02nm        2.5mb X
EGUA   76.06  53 eP   36 58.44   1.8
MBC    76.07 351 eP   36 54.50  -1.4
       1.0s    33.00nm        5.4mb
ECOG   76.11  53 eP   36 57.64   0.6
KLU    76.14 333 eP   36 55.91  -0.7
                 e    37 04.24
DCN    76.19  36 eP   36 57.00   0.1
       1.2s   255.00nm        6.2mb
ECB    76.27  37 eP   36 57.00  -0.4
       1.1s   348.00nm        6.4mb
TOA    76.45 333 eP   36 56.50  -1.8
       0.9s   305.40nm        6.4mb
ECP    76.48  37 eP   36 58.10  -0.4
DLF    76.61  36 eP   36 59.10  -0.2
       1.1s   145.00nm        6.0mb
TAF    76.80  55 iPd  37 05.50   4.6X
EHUE   76.94  52 eP   37 02.19   0.6
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EVIA   77.09  51 eP    37 02.89   0.4
ENIJ   77.16  53 eP    37 02.36  -0.4
ECRI   77.52  47 eP    37 05.09   0.4
PMR    77.64 333 eP    37 03.45  -1.3
       1.0s    51.53nm         5.6mb
   Z  20s     1.26um           5.2Msz
ETOR   77.66  49 eP    37 06.12   0.6
SLKM   77.86 331 ePc   37 05.04  -1.1
                 e     37 13.56
COL    78.01 336 ePd   37 05.77  -1.1
                 epPc  37 08.00   7kmX
                 esPc  37 10.15
FBA    78.01 336 eP    37 05.52  -1.3
       1.0s    12.35nm         5.0mb
                 epP   37 14.15  28kmX
ELIZ   78.30  47 P     37 11.76   2.9
       0.6s    16.50nm         5.3mb
KDC    78.37 328 eP    37 07.67  -1.2
       0.7s    20.49nm         5.3mb
                 epP   37 16.28  27kmX
ECHE   78.37  50 eP    37 10.19   0.8
DHH    78.51 291 eP    37 10.54   0.2
                 epP   37 19.66  29kmX
HON    78.69 291 P     37 20.00   8.6X
   Z  20s     1.58um           5.3Msz
KIP    78.70 291 eP    37 11.92   0.5
       1.1s   215.96nm         6.1mb
                 epP   37 21.52  31kmX
ACU    78.71  52 eP    37 13.71   2.4
ESK    78.92  34 eP    37 10.08  -1.9
                 esPc  37 15.30
EKA    78.94  34 Pd    37 11.08  -1.0
       1.4s   123.40nm         5.7mb
CP2    79.00 332 eP    37 11.48  -1.2
                 epP   37 20.39  28kmX
EGRA   79.09  48 eP    37 16.47   3.3X
AUP    79.17 330 eP    37 12.87  -0.5
                 pP    37 21.34  27kmX
LPF    79.19  42 eP    37 12.80  -0.8
       1.2s    91.95nm         5.7mb
BTH    79.26  47 iPc   37 14.50   0.4
                 i     37 22.70
                 isP   37 25.50
                 ipPcP 37 27.20
                 sPcP  37 34.00
                 ePP   40 29.00
                 e     48 50.00
                 e     49 20.00
                 ePKKP 55 43.00
GRR    79.35  42 eP    37 14.40  -0.1
       1.4s   281.45nm         6.1mb
EROQ   79.52  49 eP    37 15.63   0.0
MFF    79.64  43 eP    37 15.80  -0.3
       1.2s   173.15nm         5.9mb
FLN    79.64  41 eP    37 15.70  -0.4
       1.1s   173.85nm         6.0mb
   Z  23s     0.65um           4.9MszX
EPF    79.65  47 eP    37 16.20  -0.1
       1.5s   262.20nm         6.0mb
LDF    79.86  41 eP    37 16.70  -0.6
       1.4s   362.45nm         6.2mb
DAG    79.96  12 iPc   37 16.20  -1.1
       1.2s    95.31nm         5.6mb
LFF    80.10  45 eP    37 18.10  -0.5
       1.2s   173.75nm         5.9mb
SALF   80.25  47 P     37 20.78   1.2
LPO    80.39  45 eP    37 19.80  -0.4
       1.2s   203.50nm         6.0mb
SVW    80.58 331 eP    37 19.27  -1.6
       1.0s   281.11nm         6.2mb
                 epP   37 27.52  26kmX
RJF    80.68  45 eP    37 21.10  -0.6
       1.2s   149.35nm         5.9mb
   Z  23s     0.47um           4.8MszX
IMA    80.69 336 eP    37 19.82  -1.7
       1.3s    60.30nm         5.4mb
                 epP   37 28.82  29kmX
LSF    80.76  44 eP    37 21.30  -0.8
       1.5s   199.00nm         5.9mb
TRGS   80.80  48 P     37 23.00   0.4
CAF    81.04  45 eP    37 23.10  -0.5
       1.5s   248.60nm         6.0mb
TTA    81.07 333 ePd   37 22.01  -1.5
       1.3s    80.13nm         5.6mb
TCF    81.23  44 eP    37 23.90  -0.7
       1.1s    89.15nm         5.7mb
ESEL   81.35  50 eP    37 25.97   0.6
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ETER   81.45  48 eP    37 26.36   0.6
PERF   81.47  48 P     37 26.27   0.3
MAF    81.48  44 eP    37 25.30  -0.6
       1.2s   124.95nm         5.8mb
HYF    81.60  43 eP    37 26.10  -0.3
BGF    81.69  44 eP    37 26.40  -0.5
       1.4s   230.00nm         6.1mb
PYM    81.75  44 P     37 27.62   0.2
AGO    81.86  44 P     37 27.40  -0.4
LBL    81.89  45 P     37 28.34   0.2
AVF    82.05  43 eP    37 28.20  -0.6
       1.0s    90.00nm         5.8mb
SSF    82.17  43 eP    37 28.50  -0.9
       1.2s   134.50nm         5.9mb
PLDF   82.19  44 P     37 29.79   0.1
SMF    82.38  44 eP    37 29.70  -0.8
       1.2s   184.45nm         6.1mb
SDN    82.40 325 eP    37 30.00  -0.4
       0.9s   343.75nm         6.5mb
                 ipP   37 38.85  28kmX
LOR    82.42  43 eP    37 29.90  -0.9
       1.4s   149.00nm         5.9mb
   Z  24s     0.75um           5.0MszX
LBF    82.49  43 eP    37 29.90  -1.3
       1.2s    63.05nm         5.6mb
SSB    82.81  45 P     37 33.40   0.6
SNF    82.88  40 iPc   37 33.64   0.6
RAR    82.89 248 (P)   37 32.96  -0.6
       1.8s   590.90nm         6.5mb
UCC    82.94  39 P+    37 41.00   7.7X
DOU    83.06  40 Pc    37 34.60   0.7
                 S     47 53.00
CDR    83.63  47 eP    37 37.40   0.3
                 e     37 42.90
GRN    83.65  45 P     37 38.11   0.9
ENN    83.93  39 eP    37 38.00  -0.4
       0.9s    21.60nm         5.4mb
                 e     37 46.50
WLF    84.05  41 Pd    37 39.00   0.0
LRG    84.06  47 eP    37 39.30   0.1
       1.6s   328.35nm         6.3mb
   Z  21s     0.90um           5.1Msz
HAU    84.13  42 eP    37 38.90  -0.6
       1.3s    96.40nm         5.9mb
   Z  24s     0.45um           4.8MszX
LMR    84.17  47 eP    37 39.60  -0.1
       1.5s   273.70nm         6.3mb
FRF    84.27  47 eP    37 40.20  -0.1
       1.2s   241.60nm         6.3mb
RSL    84.28  45 P     37 41.02   0.5
BNI    84.31  45 P     37 42.40   1.8
       1.5s   176.30nm         6.1mb
LPL    84.36  45 eP    37 41.30   0.3
       1.3s   106.50nm         5.9mb
LPG    84.37  45 eP    37 41.50   0.4
       1.3s    96.05nm         5.9mb
RRL    84.39  45 P     37 41.86   0.7
BSF    84.43  42 eP    37 40.20  -0.9
       1.1s   106.45nm         6.0mb
CALN   84.45  47 P     37 42.00   0.6
WIT    84.46  37 eP    37 42.50   1.6
                 e     37 50.00
WTS    84.52  38 eP    37 42.00   0.7
       1.0s    75.60nm         5.9mb
                 e     37 50.00
PZZ    84.61  46 P     37 42.96   0.8
MVIF   84.64  46 P     37 42.87   0.6
LSD    84.65  45 P     37 43.60   1.1
MOF    84.66  42 P     37 42.22   0.0
ECH    84.68  42 P     37 42.72   0.5
DOI    84.71  46 P     37 43.75   1.2
       1.7s   172.20nm         6.0mb
TOUF   84.71  46 P     37 43.08   0.4
RSP    84.72  45 P     37 43.87   1.2
BHB    84.73  45 P     37 42.73   0.2
CDF    84.76  42 eP    37 42.20  -0.5
       1.4s   152.50nm         6.0mb
STV    84.77  46 P     37 42.22  -0.6
AURF   84.77  46 P     37 43.52   0.7
REVF   84.80  47 P     37 43.52   0.6
WLS    84.81  42 P     37 43.27   0.3
DIX    84.84  44 iPc   37 44.70   1.3
ENR    84.84  46 P     37 41.58  -1.6
AUTN   84.84  46 P     37 43.97   0.6
SBF    84.85  46 eP    37 43.00  -0.2
       1.1s   184.60nm         6.2mb
BBS    84.91  43 P     37 43.60   0.2
```

03d 11h

SAOF 84.93 46 P 37 44.19 0.6
LIBD 84.98 42 P 37 44.14 0.5
LANF 85.12 41 P 37 44.91 0.5
ROB 85.16 46 P 37 44.97 0.2
MMK 85.22 44 ePd 37 46.80 1.5
ORO 85.23 45 P 37 45.59 0.4
1.5s 136.70nm 5.9mb
FEL 85.25 42 P 37 45.48 0.2
ANM 85.37 334 ePd 37 45.04 -0.3
epP 37 53.10 25kmX
FIN 85.40 46 P 37 45.49 -0.5
CKI 85.45 46 P 37 46.59 0.4
1.3s 441.90nm 6.5mb
ZLA 85.51 43 ePc 37 47.30 0.9
TNS 85.54 40 iPc 37 47.40 0.9
iPPc 37 55.20
PCP 85.64 46 P 37 46.93 -0.2
VAI 85.78 44 P 37 48.15 0.4
1.3s 214.80nm 6.2mb
TMA 85.85 44 ePc 37 49.20 0.8
PGF 86.00 48 eP 37 48.80 -0.3
1.6s 287.30nm 6.2mb
KONO 86.16 31 eP 37 48.90 -0.4
1.3s 82.57nm 5.7mb
ipP 37 57.92 28kmX
BOB 86.28 46 P 37 51.16 0.8
1.0s 125.90nm 6.1mb
CGL 86.30 51 P 37 51.72 1.1
1.5s 55.70nm 5.5mb
MDI 86.44 45 P 37 51.20 0.2
1.6s 110.50nm 5.8mb
OSS 86.72 44 ePc 37 53.70 1.1
NAO 86.76 29 P 37 54.09 1.8
NB2 86.94 29 P 37 53.40 0.2
1.0s 112.20nm 6.0mb
SAL 87.02 45 P 37 54.88 1.1
1.3s 1145.90nm 6.9mb X
PII 87.08 47 P 37 54.68 0.5
1.4s 349.30nm 6.4mb
BDI 87.12 46 P 37 54.43 -0.1
1.5s 42.90nm 5.5mb
OGA 87.32 43 iPd 37 56.90 1.3
GRF 87.34 41 iPd 37 56.50 1.2
1.6s 141.40nm 6.0mb
Z 21s 0.70um 5.0Msz
epPc 38 04.80 26kmX
iSKS 48 34.10
i 49 35.70
MOTA 87.35 43 iPd 37 55.90 0.3
i 38 04.30
SQTA 87.43 43 iPd 37 56.60 0.6
1.2s 76.90nm 5.8mb
i 38 05.30
FUR 87.44 42 iPd 37 56.80 0.9
i 38 04.90
MOX 87.55 40 ePd 37 56.80 0.5
1.6s 91.00nm 5.8mb
Z 22s 0.40um 4.8Msz
eS 48 32.00
ePS 49 40.00
eSS 54 36.00
WATA 87.68 43 iPd 37 57.60 0.4
i 38 05.80
WTTA 87.72 43 iPd 37 57.60 0.2
1.3s 132.00nm 6.1mb
i 38 06.30
CTI 87.79 44 P 37 58.27 0.6
1.2s 237.20nm 6.4mb
PGD 87.94 46 P 37 58.68 0.1
1.2s 98.40nm 6.0mb
SFI 88.04 46 P 37 59.45 0.7
1.5s 161.30nm 6.1mb
CRE 88.12 47 P 37 59.09 -0.3
1.4s 56.20nm 5.7mb
HFS 88.21 30 eP 37 58.10 -1.1
0.9s 44.40nm 5.8mb
Z 17s 0.42um 4.9MszX
LR 10 31.00
VVI 88.33 44 P 38 01.73 1.6
1.2s 136.20nm 6.1mb
CLL 88.39 39 iPd 38 01.00 0.7
1.6s 100.00nm 5.9mb
i 38 09.20
WET 88.45 41 iPd 38 01.90 1.2
1.5s 237.00nm 6.3mb
i 38 10.50
BHG 88.54 42 iPd 38 02.10 1.0
1.5s 128.00nm 6.0mb
BRNL 88.54 38 ePd 38 02.00 1.0
FVI 88.54 44 P 38 01.99 0.9
1.1s 96.10nm 6.0mb
ASS 88.67 47 P 38 02.40 0.5
1.3s 95.50nm 5.9mb
MNS 88.73 48 P 38 02.89 0.7
1.6s 241.20nm 6.2mb
ARV 88.85 47 P 38 03.73 1.0
1.6s 189.50nm 6.1mb
KBA 88.89 43 iPd 38 03.10 0.0
1.5s 181.00nm 6.1mb
i 38 11.70
i 49 58.00
i(Sg) 50 15.20
KHC 88.91 41 Pd 38 03.60 0.7
1.4s 132.00nm 6.0mb
Z 18s 0.50um 5.0Msz
e 38 11.50
e 38 24.50
e 41 39.50
S 48 54.00
GEC2 89.01 41 P 38 03.80 0.3
1.1s 36.24nm 5.5mb
e 38 12.70
BRG 89.02 39 iPd 38 04.20 0.9
1.5s 70.00nm 5.7mb
i 38 12.00
TRI 89.28 44 eP 38 05.80 1.1
VOY 89.35 44 ePd 38 05.70 0.6
e 38 14.00
e 38 24.00
KMR 89.35 42 iP- 38 05.00 0.0
PRU 89.47 40 ePd 38 06.50 1.0
1.1s 41.10nm 5.6mb
Z 18s 0.40um 4.9Msz
ipP 38 13.90 23kmX
RFI 89.78 49 P 38 11.14 4.1x
1.4s 275.60nm 6.3mb
LJU 89.79 44 eP 38 08.00 0.9
e 38 16.00
ePP 41 42.50
eSKS 48 38.00
eS 49 00.00
FAI 89.84 53 P 38 10.14 2.6
1.3s 175.10nm 6.1mb
UPP 90.20 30 iP 38 08.40 -0.2
i 38 16.30
iS 49 06.00
ILT 90.49 338 iPd- 38 09.00 -0.9
1.3s 121.00nm 6.0mb
N 20s 0.20um
E 20s 0.30um
i 38 17.60
e 41 40.00
ePPP 43 50.00
e 48 40.00
S 49 00.00
eSS 55 00.00
PTJ 90.79 44 iPd 38 12.60 0.8
ZAG 90.83 44 eP 38 12.00 0.2
SGO 90.84 49 P 38 01.83 -10.2X
SOP 91.01 42 eP 38 13.80 1.1
ZST 91.32 42 iP 38 14.60 0.5
GMB 91.49 52 P 38 16.61 1.3
1.0s 25.80nm 5.5mb
ORI 91.76 50 P 38 16.48 0.2
OKC 91.80 40 eP 38 17.60 1.4
e 38 26.20
e 38 42.40
GRI 91.86 51 P 38 16.38 -0.4
0.5s 24.60nm 5.8mb
ADK 92.13 322 eP 38 17.22 -0.5
0.9s 61.98nm 6.0mb
ipP 38 26.09 28kmX
KEV 92.14 20 ePd 38 16.66 -0.8
epPc 38 18.89 7kmX
esPc 38 20.30
SRO 92.17 42 iP 38 18.40 0.4
SDF 92.55 22 iP 38 19.10 -0.3
BUD 92.70 42 eP 38 21.30 0.9
BRY 92.98 47 iPc 38 23.08 1.0
HCY 93.01 47 iPc 38 23.21 1.2
SPC 93.25 40 eP 38 25.30 2.1
BDV 93.27 47 iPc 38 24.59 1.4
NKY 93.33 47 iPc 38 24.77 1.2
SPA 93.51 180 iPd 38 24.90 1.0
1.1s 47.62nm 5.8mb
NUR 93.53 29 iP 38 23.30 -0.7
0.9s 24.30nm 5.6mb
i 38 32.10
PLE 93.54 46 iPc 38 25.68 1.1
TTG 93.57 47 iPc 38 25.94 1.4
ULC 93.63 48 iPc 38 26.27 1.4
KAF 93.91 27 iP 38 25.10 -0.6
0.5s 5.40nm 5.2mb
IVA 93.97 47 iPc 38 27.99 1.5
LACI 94.01 48 eP 38 26.90 0.3
VLO 94.02 49 eP 38 28.80 2.2
PVY 94.07 47 iPc 38 28.56 1.5
PHP 94.55 48 iPc 38 31.20 2.1
UZH 94.68 41 eP 38 30.00 0.5
e 38 36.50
IGT 94.79 50 eP 38 39.10 8.8X
LSK 94.90 49 eP 38 31.70 0.8
KBN 94.97 49 eP 38 33.00 1.9
SKO 95.24 47 eP 38 33.50 1.2
i 38 41.50
LVZ 95.38 20 (P) 38 30.54 -1.9
ec 38 33.85
e 49 02.20
e 56 04.10
GZR 95.60 44 iPd 38 31.00 -2.9
GRG 96.13 48 eP 38 37.53 1.1
VAY 96.19 48 iP 38 38.00 1.4
AGG 96.40 50 eP 38 38.54 0.9
KNT 96.46 48 eP 38 38.78 0.9
PUL 96.46 29 ePc 38 38.00 0.6
1.2s 100.00nm 6.2mb
e 38 45.00
e 38 54.00
e 49 10.00
e 49 54.00
e 51 16.00
MNK 96.72 35 eP 38 38.00 -0.7
WIN 96.76 112 eP 38 39.00 -0.8
1.5s 60.00nm 5.9mb
SOH 96.86 48 eP 38 40.38 0.7
BCAO 97.01 85 iPc 38 41.40 0.5
0.5s 10.00nm 5.7mb
i 38 49.90
CMP 97.19 44 ePc 38 46.00 4.9X
PAIG 97.27 49 eP 38 41.90 0.4
SMY 97.48 324 P 38 50.00 7.9X
Z 20s 1.56um 5.5Msz
MLR 97.76 43 eP 38 45.00 1.2
VRI 98.21 43 eP 38 46.50 0.9
OBN 101.30 32 iPdiff39 07.00 7.7X
1.2s 44.00nm 5.9mb
Z 20s 0.50um 5.0Msz
N 18s 0.30um
E 18s 0.40um
i 43 16.00
i 49 36.00
iS 50 42.00
eSS 57 48.00
MOS 101.58 31 ePdiff39 08.00 7.5X
Z 18s 0.72um 5.2Msz
BOD 117.94 352 ePKP 43 54.40 -0.8
ASH 122.75 40 ePKP 44 05.00 0.0
CIT 123.69 351 ePKP 44 08.00 1.5
e 45 45.00
IRK 124.35 358 ePKP 44 07.00 -0.7
1.5s 36.00nm
e 44 15.50
MAIO 124.46 41 ePKP 44 09.00 0.5
CNB 125.44 228 ePKP 44 10.00 -0.4
1.2s 51.00nm
ARMA 125.47 235 ePKP 44 10.40 -0.3
CAN 125.71 228 ePKP 44 09.50 -1.4
i 44 18.50
MDJ 125.77 335 ePKP 44 08.67 -2.0
VLA 125.95 333 iPKPc 44 09.00 -2.0X
1.0s 121.00nm
i 46 04.00
ZAK 126.28 358 iPKPd 44 11.00 -0.4
1.6s 83.00nm
e 03 00.00
KAKJ 126.29 321 ePKP 44 10.10 -1.8
NIIJ 126.36 323 ePKP 44 10.40 -1.6
BWA 126.51 229 ePKP 44 09.20 -3.3X
TOO 127.23 224 ePKP 44 13.30 -0.5
0.5s 7.00nm
MAT 127.29 322 iPKPd 44 12.20 -1.7

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        Z  20s     0.71um            5.3Msz
MTMJ  127.51 323 ePKP   44 13.00  -1.4
FRU   127.96  25 iPKP   44 15.80   0.8
       1.6s    80.00nm
                 i      44 24.60
AAA   128.53  23 ePKP   44 16.00  -0.1
TSRJ  129.31 323 ePKP   44 16.50  -1.2
WKYJ  130.43 322 PKP    44 19.20  -0.8
YONJ  131.03 325 PKP    44 20.00  -1.0
WMQ   131.32  13 ePKP   44 20.40  -1.0
TKSJ  131.53 323 PKP    44 21.60  -0.4
STKA  132.77 229 ePKP   44 16.30  -8.1X
                 i      44 23.80
                 i      44 32.30
ADE   133.26 223 ePKP   44 25.50   0.2
GUMO  133.48 292 ePKP   44 23.10  -3.0X
KUMJ  134.46 324 ePKP   44 25.90  -1.7
BJI   134.52 344 ePKP   44 26.00  -1.4
        Z  22s     1.24um            5.6Msz
        E  18s     1.09um
                 ePP    46 56.00
                 ePKS   47 59.00
                 ePS    59 00.00
                 eSS    04 38.00
KAGJ  135.38 323 ePKP   44 27.80  -1.6
LZH   140.52 357 ePKP   44 30.50  -8.5X
        Z  28s     0.89um            5.4MszX
        E  15s     0.48um
                 pPKP   44 39.00
                 i      45 16.00
                 PP     47 32.00
                 ePKS   48 06.00
                 eSS    05 50.00
NDI   140.53  34 ePKP   44 52.00  13.0X
SSE   140.66 332 PKPd   44 38.50  -0.6
        Z  20s     0.90um            5.5Msz
                 sPKP   44 47.00
                 i      47 32.00
                 eSS    06 06.00
ASPA  142.62 235 iPKPc  44 36.80  -6.1X
       1.1s    91.50nm
        Z  20s     0.60um            5.4Msz
                 iPKS   48 16.90
                 PKKP   54 34.50
WB2   143.81 241 iPKPd  44 41.30  -3.7X
       0.8s    10.90nm
                 i      44 50.50
                 ePP    47 26.50
PYUN  143.99  28 PKP    44 41.99  -3.3X
       0.7s   134.00nm
DANN  144.13  27 PKP    44 42.69  -3.0X
       0.9s   206.00nm
KOLN  144.55  28 PKP    44 43.53  -2.8X
GKN   144.82  26 PKP    44 44.83  -1.8
POO   145.25  50 iPKPd  44 54.20   6.7X
KKN   145.28  25 PKP    44 46.83  -0.7
       0.9s   685.00nm
DMN   145.37  26 PKP    44 47.13  -0.6
GUN   145.43  24 PKP    44 47.74  -0.2
       0.9s  1253.00nm
ENH   145.48 347 ePKP   44 45.98  -1.5
PKI   145.53  25 PKP    44 47.23  -0.9
       1.1s   563.00nm
LSA   145.58  16 iPKPd  44 48.06  -0.3
JIRN  145.78  24 PKP    44 48.27  -0.3
RAMN  146.57  24 PKP    44 49.03  -0.7
       0.7s   178.00nm
TAPN  146.65  22 PKP    44 49.19  -0.7
WARB  146.81 225 ePKP   44 49.00  -0.8
       0.7s    57.00nm
COOL  146.92 212 iPKPd  44 50.80   0.9
ODAN  146.97  23 PKP    44 49.59  -0.8
NWAO  147.13 205 ePKP   44 51.09   1.0
KLB   148.03 207 ePKP   44 50.50  -1.1
MUN   148.39 205 iPKPc  44 51.80  -0.4
       1.0s   150.00nm
BAL   149.35 207 ePKP   44 53.00  -0.7
HYB   149.45  46 ePKP   44 54.00  -0.2
       1.0s   160.00nm
CVP   150.71 317 ePKPd  45 01.00   4.9X
GBA   150.90  54 PKP    44 56.00  -0.4
KMI   151.49 357 ePKP   44 57.24  -0.1
                 iPKPbc45 02.53
MEEK  151.62 214 ePKP   45 02.00   4.7X
PLP   152.22 302 ePKPd  44 57.90  -0.5
BIP   152.44 295 iPKPd  45 03.50   4.7X
BAG   152.46 317 ePKP+  44 58.00  -0.9
QCP   153.30 313 ePKP   45 08.00   8.2X
DAV   153.51 293 ePKPc  44 58.40  -1.8
CGP   153.74 297 ePKP   45 04.00   3.5X
MBL   154.80 224 ePKP   45 02.00   0.2
CHTO  157.69   6 ePKP   45 04.65  -1.0
       1.5s    71.51nm
                 e      45 13.67
                 ePKPab45 35.85
LOE   159.20 359 ePKP   45 07.00  -0.3
BDT   159.25   6 ePKP   45 07.00  -0.3
       1.0s    55.20nm
TSM   161.64 295 ePKPc  45 09.30  -0.7
IPM   171.95   1 ePKPd  45 17.40  -0.2
       1.5s   106.50nm
LEM   172.84 242 PKP    45 18.00  -0.2
      S.D. = 1.1  on 492 of 533 obs.
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    JUN  03, 1994  12h 07m 14.01± 0.40s
    80.066 N ± 5.9km    0.838 W ± 5.7km
    DEPTH =  10.0km  (geophysicist)
    4.7mb ( 16 obs.)
  NORTH OF SVALBARD                (641)
       MD 4.0 (BER).

KBS     2.61 110 eP     07 54.70  -2.1
                 eSg    08 21.50
SPA0    3.76 112 Pn     08 11.93  -1.3
                 Sn     08 51.96
DAG     4.88 237 iPd    08 27.20  -1.8
                 ipP    09 22.20
BJO     7.06 132 eP     08 57.58  -2.2
                 eS     10 14.32
JNW     9.27 196 iPc    09 29.43  -1.0
                 eS     11 06.80
JNE     9.30 195 iPc    09 29.86  -1.1
                 eS     11 08.43
JMI     9.38 196 iPc    09 31.03  -1.0
                 eS     11 10.54
TRO    11.57 144 eP     10 05.00   3.1X
ARA0   12.41 133 Pn     10 11.05  -2.3
                 Sn     12 21.18
LOF    12.55 155 iPc    10 15.28   0.1
       0.6s   101.70nm           6.2mb X
                 i      10 17.07
MOR8   14.55 155 eP     10 42.32   0.8
       0.9s    79.70nm           5.3mb
                 i      10 45.26
APA0   15.22 126 Pn     10 45.81  -4.4X
                 Sn     13 27.30
NSS    16.01 160 eP     11 04.46   4.0X
       1.2s    66.00nm           4.6mb
                 i      11 06.51
GDH    16.73 260 ePd    11 01.00  -8.5X
       0.6s    40.00nm           4.7mb
                 i      11 04.00
                 i      11 36.00
                 e      13 52.00
                 i      14 08.00
RES    18.89 305 eP     11 34.00  -2.2
       0.5s     3.00nm           3.8mb
NB2    19.45 162 P      11 42.60  -0.6
       0.7s     8.30nm           4.1mb
KAF    19.64 140 iP     11 45.10  -0.1
       0.8s    43.40nm           4.8mb
NRA0   19.77 162 P      11 46.46  -0.1
FIA0   20.27 141 P      11 52.05   0.3
                 S      15 38.89
HFS    20.49 159 eP     11 54.10  -0.1
       0.7s    29.30nm           4.7mb
MBC    20.55 323 eP     11 55.00   0.4
       1.0s     3.00nm           3.6mb X
KONO   20.76 165 eP     11 56.43  -0.5
NUR    21.04 144 iP     12 01.10   1.4
       0.6s    13.00nm           4.5mb
                 i      12 08.00
UPP    21.04 154 iP     12 03.50   3.7X
                 i      12 11.30
FRB    24.31 269 eP     12 33.50   1.6
       0.9s    17.00nm           4.7mb
CLL    29.25 162 iP     13 26.70   9.0X
       1.6s    21.00nm           4.7mb
                 e      13 51.00
INK    29.49 326 eP     13 19.50  -0.1
BRG    29.74 161 iP     13 23.20   1.2
                 e      13 31.30
MOX    29.84 164 iPc    13 24.70   1.7
       1.1s    11.00nm           4.6mb
GRF    30.78 165 e(P)   13 42.70  11.4X
GEC2   31.75 162 P      13 41.70   1.8
       0.8s     5.00nm           4.5mb
                 e      13 44.90
                 e      13 49.80
                 e      14 00.10
SPC    31.84 153 eP     13 42.40   1.6
ZST    32.60 158 eP     13 49.30   2.1
YKA    32.89 309 eP     13 49.20  -0.4
       1.1s     4.00nm           4.3mb
SRO    33.07 156 eP     14 00.80   9.6X
JAQ    34.94 269 eP     14 08.00   0.6
VAY    39.84 152 eP     14 50.60   1.9
ULM    41.82 286 eP     15 17.50  12.7X
MAIO   49.47 113 eP     16 08.00   2.1
LZH    57.19  69 eP     17 03.50   0.3
       1.6s    30.00nm           5.1mb
                 pP     17 12.00  28kmX
                 sP     17 15.50
DANN   61.34  90 P      17 32.20   0.1
       0.7s    33.00nm           5.6mb
PYUN   61.45  91 P      17 32.70  -0.1
       0.8s    31.00nm           5.5mb
GKN    61.83  89 P      17 35.08  -0.2
KOLN   61.88  90 P      17 35.18  -0.5
GUN    62.14  88 P      17 37.56   0.0
KKN    62.15  89 P      17 37.64   0.1
JIRN   62.44  88 P      17 39.74   0.1
RAMN   63.20  87 P      17 44.14  -0.3
ODAN   63.43  87 P      17 46.00   0.1
GBA    74.66  99 P      18 55.00   0.0
      S.D. = 1.2  on  41 of  50 obs.
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% JUN  03, 1994  12h 29m 26.20± 0.85s
   39.225 N ± 7.5km   27.706 E ± 8.4km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)
       ML 2.8 (ISK).

DST     0.81  62 ePg    29 41.80  -0.1
                 eSg    29 53.30
IZM     0.90 203 ePg    29 43.40   0.0
                 eSg    29 57.40
EDC     1.13   6 ePn    29 47.00  -0.3
KCT     1.14  26 iPn    29 47.90   0.4
EZN     1.23 300 iPn    29 49.00   0.0
      S.D. = 0.4  on   5 of   5 obs.
--------------------------------------
   JUN  03, 1994  12h 33m 22.67± 0.35s
   10.489 S ± 7.3km  113.076 E ± 8.6km
   DEPTH =  33.0km  (normal)
   5.4mb ( 16 obs.)
 SOUTH OF JAWA, INDONESIA          (282)

LEM     6.51 304 iPc    34 58.50  -0.3
NANU   12.23 169 iPc    36 09.20  -8.3X
                 eS     38 17.00
MBL    12.44 149 eP     36 11.60  -8.7X
       0.4s    18.00nm           5.5mb
                 eS     38 16.00
MEEK   16.89 163 eP     37 11.50  -6.8X
       0.3s    13.00nm           4.5mb
                 eS     40 04.00
IPM    19.19 321 ePc    37 46.60   0.0
WARB   20.21 142 eP     37 56.00  -1.7
       0.4s     6.00nm           4.3mb X
                 eS     41 23.00
MUN    21.58 173 eP     38 13.00   1.4
                 eS     41 56.00
COOL   21.63 161 eP     38 12.50   0.3
                 eS     41 54.00
WRA    22.54 117 P      38 01.90 -19.4X
       0.9s     0.40nm
WB2    22.55 117 iPc    38 20.90  -0.5
       0.5s    16.40nm           4.8mb
                 epP    38 32.80  48kmX
                 eS     42 22.60
ASPA   23.79 126 iPd    38 34.30   0.8
       0.7s    42.90nm           5.1mb
                 eS     42 49.70
PGP    25.08  18 ePc    38 47.90   1.9
NNT    26.48 330 eP     39 02.00   3.1X
NST    28.98 334 eP     39 23.00   1.4
LOE    29.90 338 eP     39 30.00   0.1
BDT    30.87 333 eP     39 50.00  11.6X
CHTO   32.28 334 eP     39 51.50   0.7
STKA   33.87 133 eP     40 03.80  -0.8
```

03d 12h

KMI 36.80 344 eP 40 32.00 2.3
1.2s 30.00nm 5.0mb
sP 40 44.00
GBA 42.70 303 P 41 18.00 -0.5
ODAN 44.72 327 P 41 34.86 -0.2
0.9s 52.00nm 5.4mb
TAPN 44.94 327 P 41 37.22 0.3
0.8s 50.00nm 5.5mb
RAMN 45.23 326 P 41 39.28 0.2
JIRN 46.01 326 P 41 45.28 -0.1
0.8s 76.00nm 5.7mb
PKI 46.37 325 P 41 47.46 -0.8
GUN 46.37 326 P 41 48.18 -0.1
0.7s 59.00nm 5.7mb
DMN 46.57 325 P 41 49.06 -0.7
0.9s 79.00nm 5.7mb
KKN 46.61 325 P 41 49.60 -0.4
LZH 47.14 350 eP 41 54.50 0.6
1.8s 33.00nm 5.0mb
pP 42 05.00 36kmX
ePP 43 26.50
GKN 47.14 325 P 41 53.50 -0.6
0.9s 56.00nm 5.6mb
KOLN 47.56 324 P 41 56.70 -0.7
0.8s 44.00nm 5.5mb
DANN 47.90 324 P 41 59.66 -0.6
0.8s 64.00nm 5.7mb
PYUN 48.16 324 P 42 01.46 -0.7
0.9s 47.00nm 5.5mb
TKSJ 48.51 23 P 42 04.20 -0.3
WKYJ 49.34 25 eP 42 10.70 -0.2
YONJ 49.36 22 P 42 10.30 -0.7
BJI 50.35 3 eP 42 18.00 -0.5
1.0s 6.00nm 4.6mb
MAT 52.42 26 eP 42 32.00 -2.3
MAIO 68.59 316 eP 44 24.00 -0.7
ELF 145.09 19 PKP 52 59.10 0.5
LDN 145.27 18 PKP 53 00.00 1.1
DLA 145.31 19 PKP 53 00.40 1.5
SOB1 147.54 234 (PKP) 53 07.00 3.6X
MOCB 148.43 182 PKP 53 10.10 4.9X
LPB 153.13 178 PKP 53 06.70 -5.6X
LPAZ 153.37 177 PKP 53 10.20 -2.7X
S.D. = 1.0 on 36 of 46 obs.

? JUN 03, 1994 12h 39m 09.64± 4.19s
38.695 N ±22.0km 26.288 E ±32.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.3 (ISK).

IZM 0.82 111 ePg 39 25.60 0.1
eSg 39 37.90
EZN 1.13 1 iPn 39 31.00 0.2
KGT 1.92 24 ePn 39 42.40 -0.3
DST 2.03 63 ePn 39 44.00 -0.4
EDC 2.05 36 ePn 39 44.50 -0.1
MFT 2.23 20 ePn 39 46.90 -0.3
KCT 2.23 45 ePn 39 47.90 0.7
S.D. = 0.5 on 7 of 7 obs.

JUN 03, 1994 12h 42m 17.32± 0.80s
42.713 N ± 7.7km 23.885 E ±10.7km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

SRS 1.61 188 ePb 42 45.72 -0.1
eSb 43 08.26
VAY 1.70 216 iPn 42 47.00 -0.2
KNT 1.72 206 ePb 42 47.56 0.2
eSb 43 10.84
SOH 1.93 192 ePb 42 49.32 -1.2
eSb 43 17.32
SKO 1.96 249 ePn 42 58.50 7.6X
GRG 2.08 213 ePn 42 52.64 0.0
eSn 43 21.36
THE 2.19 199 ePn 42 55.02 0.8
OUR 2.38 178 ePn 42 57.30 0.4
eSn 43 28.66
ALN 2.43 138 ePn 42 57.56 -0.1
eSn 43 29.32
PAIG 2.79 183 ePn 43 03.10 0.3
eSn 43 38.34
MLR 3.15 27 eP 43 08.00 0.0
S.D. = 0.6 on 10 of 11 obs.

JUN 03, 1994 12h 46m 41.70± 0.76s
39.142 N ± 7.1km 27.602 E ± 8.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.79 200 ePg 46 56.90 -0.2
eSg 47 08.90
DST 0.92 59 iPn 46 59.30 0.0
EZN 1.20 305 ePn 47 04.00 -0.1
EDC 1.22 9 ePn 47 04.00 -0.4
KCT 1.25 28 iPn 47 05.00 0.1
GEC2 13.91 319 Pg 49 54.40 -6.8X
YKA 74.25 343 eP 58 20.80 0.6
0.7s 0.60nm 3.7mb
S.D. = 0.4 on 6 of 7 obs.

JUN 03, 1994 12h 50m 07.16± 0.39s
42.120 N ± 4.2km 19.888 E ± 4.1km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 3.1 (TTG), 3.1 (TIR).

PVY 0.48 8 iPgc 50 16.75 -0.2
iSg 50 25.16
ULC 0.50 252 iPgc 50 16.45 -0.9
iSg 50 25.34
LACI 0.50 195 ePg 50 16.00 -1.3
iSg 50 26.00
TTG 0.56 304 iPgc 50 17.81 -0.7
iSg 50 28.86
PHP 0.60 136 iPgc 50 16.30 -3.0
iSg 50 24.80
IVA 0.75 1 iPgc 50 21.54 -0.4
iSg 50 34.13
TIR 0.77 181 iPgd 50 21.00 -1.2
iSg 50 34.00
BDV 0.80 282 iPgc 50 22.94 0.2
iSg 50 36.68
NKY 0.96 317 iPgc 50 25.71 0.3
iSg 50 42.45
HCY 1.08 288 iPgd 50 27.65 0.2
iSg 50 46.21
SKO 1.17 97 ePn 50 28.20 -0.7
eSn 50 42.50
BRY 1.26 309 iPgc 50 30.81 0.1
iSg 50 52.21
PLE 1.26 343 iPgd 50 30.60 -0.1
iSg 50 51.51
KBN 1.64 155 ePn 50 37.80 1.6
VLO 1.68 190 ePn 50 32.90 -3.7X
FNA 1.74 140 eP 50 38.38 0.7
eS 51 02.78
TPE 1.83 177 ePn 50 41.00 2.2
LSK 2.04 164 ePn 50 43.00 1.0
VAY 2.16 111 iPn 50 45.00 1.3
GRG 2.22 121 eP 50 43.94 -0.6
eS 51 14.66
SRN 2.24 178 ePn 50 50.00 5.2X
KNT 2.45 112 eP 50 48.06 0.2
eS 51 19.90
HVAR 2.75 294 iPn 50 53.00 0.9
LIT 2.82 135 eP 50 54.62 1.5
SRS 2.95 109 eP 50 55.14 0.2
OUR 3.57 119 eP 51 02.54 -1.1
PAIG 3.61 126 eP 51 04.06 -0.2
S.D. = 1.2 on 25 of 27 obs.

% JUN 03, 1994 12h 53m 52.75± 0.80s
26.359 S ± 6.6km 27.390 E ± 8.5km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.4 (PRE).

PRY 0.57 173 eP 54 02.90 -1.3
S 54 09.90
KSR 0.66 318 iPd 54 06.00 0.0
S 54 15.20
SLR 1.01 52 iPc 54 12.00 -0.5
S 54 27.50
SEK 1.97 174 iPd 54 28.10 0.8
S 54 51.30
NWL 2.66 121 eP 54 38.00 0.9
S 55 07.00
BOSA 2.85 218 eP 54 39.90 0.2
S 55 15.10
S.D. = 1.1 on 6 of 6 obs.

& JUN 03, 1994 13h 01m 27.20s
59.030 N 145.667 W
DEPTH = 10.0km (geophysicist)
GULF OF ALASKA (15)
<AEIC>. ML 2.7 (AEIC).

MID 0.53 319 P 01 36.50 -1.4
HIN 1.44 343 eP 01 48.74 -4.5
eS 02 05.82
CVA 1.52 358 eP 01 49.65 -4.8
eS 02 08.04
FID 1.77 347 eP 01 53.72 -4.4
eS 02 14.35
VZW 2.08 348 eP 01 57.83 -4.8
VLZ 2.13 351 eP 01 58.75 -4.6
eS 02 23.21
KLU 2.47 357 eP 02 03.32 -4.9
CHX 2.54 64 eP 02 03.59 -5.6
GLB 2.59 20 eP 02 05.30 -4.6
BALM 2.61 38 eP 02 06.02 -4.3
SLKM 2.74 305 eP 02 07.64 -4.4
SCM 2.93 344 eP 02 10.14 -4.6
SML 3.09 336 eP 02 12.55 -4.3
BCA3 4.47 23 eP 02 31.23 -5.3
14 obs. associated

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* JUN 03, 1994 13h 39m 24.30± 0.50s
9.421 S ±19.0km 114.333 E ±18.0km
DEPTH = 33.0km (normal)
5.4mb (14 obs.)
SOUTH OF BALI, INDONESIA (284)

LEM 7.13 291 iPd 41 10.50 1.3
MBL 12.82 156 eP 42 12.00 -15.0X
0.3s 8.00nm
eS 44 18.00
MEEK 17.60 167 iPd 43 14.60 -14.2X
0.4s 20.00nm
eS 46 07.00
WARB 20.35 147 eP 43 56.00 -4.8X
eS 47 24.00
BAL 21.19 174 eP 43 59.00 -10.4X
eS 47 30.00
WB2 21.98 121 eP 44 19.00 1.6
0.6s 14.00nm 4.6mb
ipP 44 25.50 23kmX
eS 48 11.00
COOL 22.28 164 eP 44 15.50 -4.8X
eS 47 55.00
ASPA 23.46 130 iPd 44 32.60 0.7
0.6s 40.70nm 5.1mb
eS 48 51.50
STKA 33.73 135 iPc 46 03.70 -1.2
ODAN 44.55 325 P 47 35.74 0.5
0.9s 49.00nm 5.4mb
TAPN 44.74 326 P 47 37.78 0.9
0.8s 42.00nm 5.4mb
RAMN 45.07 324 P 47 39.74 0.3
0.8s 18.00nm 5.0mb
JIRN 45.84 324 P 47 46.18 0.5
0.7s 54.00nm 5.6mb
GUN 46.21 324 P 47 49.04 0.4
0.6s 54.00nm 5.7mb
PKI 46.23 324 P 47 48.48 -0.3
0.7s 19.00nm 5.2mb
LZH 46.33 348 eP 48 03.50 14.3X
1.6s 27.00nm
DMN 46.44 323 P 47 50.16 -0.1
0.8s 56.00nm 5.6mb
KKN 46.47 324 P 47 50.44 0.0
0.9s 42.00nm 5.4mb
GKN 47.01 323 P 47 54.36 -0.3
0.8s 43.00nm 5.5mb
KOLN 47.46 322 P 47 57.60 -0.7
0.7s 50.00nm 5.6mb
DANN 47.78 323 P 48 00.36 -0.6
0.6s 71.00nm 5.8mb
PYUN 48.07 322 P 48 01.96 -1.1
0.8s 35.00nm 5.4mb
XIN 146.55 237 ePKP 59 01.20 -2.3
ITR 147.41 237 (PKP) 59 04.00 -0.9
SOB1 149.16 234 ePKP 59 09.10 1.4
MOCB 149.52 180 PKP 59 11.80 3.2X
S.D. = 1.1 on 19 of 26 obs.

% JUN 03, 1994 14h 04m 24.86± 0.58s
39.293 N ± 4.7km 29.203 E ± 5.0km

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   DEPTH =   5.0km  (geophysicist)
 TURKEY                            (366)
      ML 3.1 (ISK).
DST      0.54 305 ePg    04 34.70   -1.1
                  eSg    04 42.70
KHL      1.00 165 iPg    04 43.90   -0.4
                  iSg    04 57.50
IZI      1.06  11 iPn    04 44.90   -0.5
KCT      1.16 326 ePn    04 47.90    1.0
YLV      1.28   6 iPn    04 48.90   -0.2
GPA      1.31  40 iPn    04 49.70    0.1
EYL      1.47  30 iPn    04 52.90    0.8
EDC      1.47 316 ePn    04 53.00    0.9
HRT      1.57  13 iPn    04 52.90   -0.5
IZM      1.76 240 ePn    04 56.80    0.6
KGT      1.86 309 ePn    04 57.00   -0.7
CTT      1.94 343 ePn    04 58.90    0.0
MFT      2.10 316 ePn    05 01.00   -0.2
EZN      2.29 284 ePn    05 04.00    0.2
   S.D. = 0.7  on  14 of  14 obs.
---------------------------------------
? JUN  03, 1994  15h 18m 35.90± 0.89s
   11.744 S ±38.1km  111.884 E ±41.2km
   DEPTH =  33.0km  (normal)
   5.1mb (  5 obs.)
 SOUTH OF JAWA, INDONESIA          (282)
MBL     12.07 142 eP     21 27.00   -1.6
                  eS     23 32.00
WB2     23.08 113 eP     23 38.10   -1.7
        0.7s     6.30nm          4.2mb
                  epP    23 50.80  52kmX
                  eS     27 47.10
ASPA    24.05 123 iPd    23 50.60    1.3
        0.5s    15.00nm          4.8mb
                  i      24 01.10
STKA    33.91 131 eP     25 20.50    2.4
ODAN    45.15 329 P      26 51.48   -0.2
TAPN    45.39 329 P      26 53.64    0.0
JIRN    46.42 328 P      27 01.88    0.0
        0.3s    19.00nm          5.6mb
GUN     46.78 328 P      27 04.74    0.1
        0.6s    20.00nm          5.3mb
KKN     47.00 327 P      27 06.20   -0.1
GKN     47.51 327 P      27 10.10   -0.1
KOLN    47.90 326 P      27 13.28    0.0
DANN    48.26 326 P      27 16.06   -0.2
        0.8s    23.00nm          5.3mb
PYUN    48.49 325 P      27 18.02    0.1
   S.D. = 1.2  on  13 of  13 obs.
---------------------------------------
* JUN  03, 1994  15h 20m 19.68± 1.66s
   51.137 N ±16.3km   15.763 E ± 9.5km
   DEPTH =  10.0km  (geophysicist)
 POLAND                            (548)
BRG      1.18 258 iPg    20 42.00    0.3
                  iSg    21 02.00
PRU      1.39 215 ePn    20 44.40   -0.7
        0.6s    10.20nm
                  ePg    20 51.80
                  e      21 02.40
                  eSn    21 08.70
                  eSg    21 14.60
PRU      1.39 215 ePg    20 51.80   6.7X
                  e      21 02.40
                  eSn    21 08.70
                  eSg    21 14.60
CLL      1.74 277 e(Pg)  20 50.00   -0.1
                  eSg    21 19.00
OKC      2.00 130 eP     20 53.90    0.0
                  e(Sg)  21 20.20
KHC      2.45 216 ePn    21 00.00   -0.4
                  e      21 05.50
                  e      21 24.50
                  eSn    21 34.00
                  eSg    21 45.00
GEC2     2.65 211 Pn     21 04.10    0.8
MOX      2.67 261 ePg    21 09.70   6.2X
                  iSg    21 48.50
   S.D. = 0.7  on   6 of   8 obs.
---------------------------------------
  JUN  03, 1994  15h 53m 11.06± 0.46s
  36.817 N ±11.0km   71.346 E ± 9.2km
  DEPTH =  33.0km  (normal)
  4.7mb ( 11 obs.)
 AFGHANISTAN-TAJIKISTAN BORD REG.(717)

NDI      9.50 147 eP     55 30.80    2.2
MAIO     9.55 270 eP     55 29.00   -0.4
                  eS     57 07.00
PYUN    13.11 128 P      56 17.54   -0.2
        0.3s    40.00nm         5.9mb X
DANN    13.44 125 P      56 22.38    0.2
        0.3s    29.00nm         5.7mb X
KOLN    13.73 128 P      56 26.06    0.2
        0.4s    27.00nm         5.4mb X
                  S      58 51.12
GKN     14.25 124 P      56 33.02    0.4
        0.4s    58.00nm         5.5mb X
KKN     14.81 123 P      56 39.40   -0.7
        0.5s    31.00nm         4.9mb X
DMN     14.82 124 P      56 40.92    0.7
        0.5s    37.00nm         5.0mb X
PKI     15.04 124 P      56 43.18    0.0
                  S      59 20.75
GUN     15.14 122 P      56 43.90   -0.6
        0.4s    30.00nm          4.9mb
JIRN    15.51 122 P      56 49.38    0.0
        0.4s    67.00nm          5.2mb
RAMN    16.25 123 P      56 58.22   -0.4
        0.6s    48.00nm          4.8mb
TAPN    16.76 120 P      57 05.34    0.2
        0.6s    33.00nm          4.7mb
ODAN    16.84 122 P      57 05.54   -0.6
        0.4s    19.00nm          4.5mb
LZH     26.09  82 Pd     58 49.30   5.7X
        1.5s    27.00nm          4.6mb
HFS     42.99 322 eP     01 08.30   -0.2
        0.4s     1.60nm          4.1mb
NB2     44.30 323 P      01 19.80    0.6
        0.5s     1.70nm          4.1mb
MBC     67.01   3 eP     04 03.50    1.3
INK     73.55   9 eP     04 42.50    0.5
YKA     80.92   3 eP     05 22.70   -0.2
        0.5s     0.60nm          3.8mb
WB2     81.93 122 iPd    05 27.20   -1.7
        0.3s     6.40nm          5.1mb
ASPA    84.21 125 eP     05 39.20   -1.3
        0.9s     4.90nm          4.7mb
     S.D. = 0.9  on  21 of  22 obs.
---------------------------------------
    JUN  03, 1994  16h 33m 10.52± 0.26s
     9.440 S ± 5.2km  113.045 E ± 6.6km
    DEPTH =  28.3km  (  7 depth phases)
    5.3mb ( 33 obs.)
  SOUTH OF JAWA, INDONESIA         (282)

LEM      5.97 295 iPd    34 44.50   5.0X
MKS      7.63  57 ePc    35 03.60    1.0
NANU    13.26 170 eP     36 11.50  -8.1X
MBL     13.36 151 eP     36 13.00  -7.9X
        0.4s    31.00nm          5.6mb
                  eS     38 28.00
MEEK    17.90 164 eP     37 14.40  -4.8X
        0.3s    29.00nm          5.0mb
                  eS     40 13.00
IPM     18.37 319 ePc    37 28.00    2.9
WARB    21.06 144 eP     37 53.70   -1.2
        0.4s    13.00nm          4.7mb
                  eS     41 34.00
BAL     21.34 171 eP     37 59.00    1.4
                  eS     41 43.00
MUN     22.62 173 eP     38 08.00   -2.4
                  eS     42 15.00
COOL    22.63 162 eP     38 10.00   -0.6
                  e      38 17.50   27km
                  eS     42 06.00
WB2     23.07 119 iPd    38 14.40   -0.6
        0.9s    25.80nm          4.7mb
PGP     24.11  19 eP     38 31.50   6.5X
ASPA    24.44 128 iPd    38 27.90   -0.4
        0.8s    37.40nm          5.0mb
                  eS     43 00.60
FORT    25.43 149 eP     38 36.50   -1.0
CHTO    31.33 334 eP     39 31.80    0.9
CTA     33.75 112 eP     39 52.00   -0.1
STKA    34.62 134 iPd    39 58.60   -0.8
TOO     40.49 139 iPc    40 50.30    1.6
        0.9s    43.00nm          5.2mb
BWA     40.82 133 eP     40 53.80    2.3
ARMA    41.56 126 eP     40 59.70    2.1
CAN     41.68 134 eP     40 58.80    0.3
CNB     41.93 134 eP     41 00.10   -0.5
        1.1s    19.00nm          4.7mb
GBA     42.11 302 P      41 00.00   -2.1
ODAN    43.84 326 P      41 16.43    0.0
        0.7s    63.00nm          5.5mb
TAPN    44.05 327 P      41 18.29    0.1
        0.8s    71.00nm          5.5mb
RAMN    44.35 325 P      41 20.83    0.3
        1.0s    30.00nm          5.1mb
JIRN    45.13 326 P      41 26.61   -0.3
        0.8s    62.00nm          5.6mb
GUN     45.49 325 P      41 29.78    0.0
        0.8s    69.00nm          5.6mb
PKI     45.50 325 P      41 29.29   -0.5
        0.8s    27.00nm          5.2mb
DMN     45.70 324 P      41 30.93   -0.4
        0.8s    69.00nm          5.6mb
KKN     45.74 325 P      41 30.69   -0.9
        0.8s    40.00nm          5.4mb
LZH     46.10 350 Pd     41 35.50    1.2
        1.5s    56.00nm          5.3mb
      Z  15s     0.29um        4.3MszX
                  pP     41 45.00   32km
                  sP     41 49.50
GKN     46.27 324 P      41 34.69   -1.0
        0.3s    17.00nm          5.5mb
KOLN    46.70 323 P      41 38.60   -0.6
        0.6s    60.00nm          5.7mb
DANN    47.04 324 P      41 41.06   -0.9
        0.6s    54.00nm          5.7mb
PYUN    47.30 323 P      41 42.78   -1.2
        0.8s    37.00nm          5.4mb
TKSJ    47.57  24 P      41 45.90    0.2
POO     47.62 306 eP     41 53.00   6.6X
YONJ    48.40  22 P      41 52.00   -0.2
WKYJ    48.40  25 P      41 52.30    0.0
BJI     49.31   3 eP     41 59.00    0.0
        1.0s     8.00nm          4.7mb
      Z  20s     0.30um         4.3Msz
TSRJ    49.70  25 eP     42 02.40    0.3
NDI     51.31 319 iPd    42 12.80   -1.7
MTMJ    51.36  26 eP     42 14.10   -0.8
CHJJ    51.43  27 eP     42 13.90   -1.4
MAT     51.50  26 eP     42 14.00   -1.8
        1.0s    13.00nm          4.8mb
YAMJ    53.66  26 eP     42 30.80   -1.0
OFUJ    55.12  27 eP     42 43.50    0.9
ASAJ    59.68  24 eP     43 14.10   -0.6
ZAK     60.18 353 iPc    43 18.00    0.0
        1.3s    28.00nm          5.2mb
                  e      44 04.60 203kmX
CIT     61.19   0 eP     43 27.00    2.1
IRK     61.92 354 eP     43 29.00   -0.8
        1.5s    22.00nm          5.1mb
YSS     62.11  23 eP     43 30.00   -1.2
                  e      43 45.20  56kmX
FRU     62.73 329 eP     43 36.00    0.6
        1.4s    40.00nm          5.4mb
                  e      43 44.00   26km
BOD     67.06   1 eP     44 03.10    0.0
        0.9s    19.00nm          5.2mb
MAIO    67.82 315 iPd    44 08.00   -0.5
ASH     69.45 316 eP     44 18.50    0.1
YAK     72.41   8 iPd    44 34.80   -1.0
        1.2s    57.00nm          5.5mb
SVE     78.76 334 iPd    45 12.90    1.0
        1.2s    70.00nm          5.6mb
ARU     79.42 333 iPc    45 16.40    0.9
        1.0s    50.00nm          5.5mb
                  e      45 24.00   24km
SPA     80.62 180 iPd    45 21.80   -0.2
        1.0s     5.00nm          4.5mb
PYA     82.49 317 iP     45 33.00    1.0
                  i      45 42.00   28km
MOS     89.65 327 eP     46 08.00    1.1
                  e      46 18.00   31km
OBN     90.02 326 iPc    46 10.20    1.5
        1.3s    46.00nm          5.6mb
                  i      46 19.80   30km
BCAO    95.15 274 iPc    46 34.10    0.8
        0.4s     8.00nm          5.5mb
KAF     96.74 332 eP     46 39.80    0.4
        1.0s    10.60nm          5.3mb
NUR     97.35 330 eP     46 52.00   9.9X
DUG    129.13  45 ePKP   52 19.51    1.3
RSTA   141.87 207 (PKP)  52 43.00    0.8
MIAR   145.09  40 ePKP   52 47.18   -0.2
```

03d 16h

e 52 57.04
XIN 145.47 238 ePKP 52 48.20 -0.4
YSNY 145.56 15 ePKP 52 47.51 -0.5
ITR 146.32 238 ePKP 52 51.40 1.3
BINY 146.42 12 ePKP 52 48.93 -0.5
GPD 147.86 11 ePKP 52 56.12 4.4X
SOB1 148.12 235 ePKP 52 56.70 3.7X
NAV 149.56 22 ePKP 52 59.63 5.1X
CVL 149.75 18 ePKP 53 01.45 6.7X
S.D. = 1.1 on 67 of 78 obs.

% JUN 03, 1994 16h 42m 13.24± 0.55s
44.567 N ± 4.4km 7.287 E ± 6.0km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.0 (GEN).

PZZ 0.15 245 P 42 16.59 -0.2
S 42 18.78
BHB 0.27 356 P 42 19.70 0.7
S 42 23.41
STV 0.32 175 P 42 20.34 0.3
S 42 24.69
ENR 0.35 164 P 42 20.25 -0.3
S 42 24.50
RRL 0.50 315 P 42 23.82 0.3
S 42 30.68
RSP 0.58 358 P 42 24.14 -1.0
S 42 32.24
FIN 0.75 118 P 42 27.94 0.0
S 42 38.10
PCP 0.90 91 P 42 30.73 0.2
S.D. = 0.6 on 8 of 8 obs.

? JUN 03, 1994 17h 38m 29.82± 1.84s
36.776 N ±26.6km 2.964 W ± 6.8km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.5 (MDD).

EGUA 0.49 277 eP 38 39.59 -0.1
eS 38 47.40
ENIJ 0.64 72 eP 38 42.63 0.0
eS 38 51.50
ECOG 0.70 316 eP 38 43.59 -0.1
eS 38 51.60
ERON 0.72 290 eP 38 44.22 0.2
eS 38 54.90
S.D. = 0.2 on 4 of 4 obs.

JUN 03, 1994 18h 16m 19.09± 0.21s
10.468 S ± 4.4km 112.962 E ± 5.3km
DEPTH = 40.3km (17 depth phases)
5.6mb (52 obs.) 5.1Msz (33 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 5.6 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, 94C
Centroid Location:
Origin Time 18:16:23.8 0.3
Lat 10.66S 0.03 Lon 113.20E 0.03
Dep 15.0 BDY Half-duration 1.4
Moment Tensor; Scale 10**17 Nm
Mrr=-2.46 0.07 Mtt= 2.94 0.06
Mff=-0.48 0.11 Mrt=-0.45 0.32
Mrf=-0.44 0.21 Mtf=-0.21 0.07
Principal Axes:
T Val= 2.99 Plg= 4 Azm=183
N -0.39 12 92
P -2.60 77 292
Best Double Couple:Mo=2.8*10**17
NP1:Strike=286 Dip=42 Slip= -71
NP2: 82 51 -106

MKS 8.29 52 iPc 18 11.00 -8.8X
NANU 12.27 169 iPd 19 03.80 -10.4X
MBL 12.51 149 eP 19 06.00 -11.4X
TSM 15.46 19 eP 19 58.50 2.5
KGM 15.68 322 eP 19 59.50 0.6
KKM 16.72 11 ePc 20 12.50 0.3
MEEK 16.95 162 eP 20 06.00 -9.0X
0.3s 85.00nm 5.4mb
eS 22 59.00
TNE 18.16 53 eP 20 34.00 4.0X
IPM 19.10 321 ePd 20 39.00 -2.5
0.7s 55.20nm 4.9mb
WARB 20.29 142 eP 20 51.00 -3.3X
0.4s 38.00nm 5.1mb
eS 24 18.00
BAL 20.34 171 iPc 20 50.90 -3.9X
eS 24 20.00
SNG 21.41 324 eP 21 07.00 1.3
eS 25 06.00
KLB 21.49 169 eP 21 02.50 -3.9X
eS 24 44.00
DAV 21.49 36 ePc 21 08.80 2.2
eS 25 04.00
MUN 21.62 172 eP 21 03.50 -4.2X
Z 20s 7.40um 5.1Msz
N 20s 8.10um
E 20s 5.10um
i 21 07.30 14kmX
eS 24 48.00
COOL 21.69 161 eP 21 04.00 -4.5X
i 21 08.20 15kmX
eS 24 48.00
CGP 22.13 32 eP 21 15.00 2.1
WB2 22.66 117 eP 21 14.80 -3.5X
0.5s 185.10nm 5.8mb
i 21 18.50
ipP 21 29.50 63kmX
iS 25 16.90
NWAO 22.70 171 eP 21 19.00 0.6
eS 25 18.00
BIP 22.80 36 eP 21 21.00 1.4
MAP 23.38 28 eP 21 28.00 2.8
ASPA 23.89 126 eP 21 28.30 -1.9
0.5s 232.70nm 6.0mb
Z 21s 4.90um 5.0Msz
e 21 41.90 56kmX
eS 25 45.70
PLP 24.59 29 ePd 21 37.90 1.0
FORT 24.60 147 eP 21 35.00 -1.9
0.5s 43.00nm 5.3mb
eS 25 56.00
TGY 25.66 18 iPd 21 46.50 -0.6
NNT 26.41 330 iPc 21 56.70 2.8
BAG 27.75 16 eP- 22 04.80 -1.6
eS 26 47.00
NST 28.91 334 eP 22 17.50 0.8
CVP 29.33 17 eP 22 23.00 2.6
LOE 29.84 338 eP 22 24.00 -1.0
BDT 30.80 333 eP 22 34.00 0.6
CTA 33.45 111 iPc 22 55.50 -1.2
i 23 06.00 37km
i 23 08.50
i 23 36.00
e 31 03.00
ADE 33.84 140 eP 22 59.20 -0.8
LAT 33.86 86 e(P) 23 08.50 8.2X
KMI 36.75 344 P- 23 25.00 0.0
1.2s 100.00nm 5.6mb
Z 15s 4.40um 5.4MszX
N 14s 2.60um
E 14s 3.20um
pP 23 40.00 58kmX
sP 23 49.00
PP 25 00.00
sP 29 12.00
sS 29 38.00
SS 31 53.00
ScS 33 32.00
GUMO 39.67 54 eP 23 47.70 -1.5
0.6s 131.10nm 5.9mb
e 23 58.80 39km
PJG 39.67 54 eP 23 47.50 -1.7
GUA 39.68 54 eP 23 48.30 -1.0
0.8s 149.25nm 5.8mb
TOO 39.78 138 eP 23 50.30 0.3
1.0s 36.00nm 5.1mb
BWA 40.19 132 eP 23 54.20 0.7
i 24 16.10 92kmX
ARMA 41.03 125 iPd 24 00.80 0.3
0.6s 13.00nm 4.8mb
CAN 41.04 133 eP 23 59.90 -0.5
i 24 18.30 75kmX
SHL 41.28 331 iPd 24 03.50 0.9
iS 30 13.50
RIV 41.97 130 eP 24 08.20 0.2
SSE 42.07 11 P- 24 09.00 0.3
7.0s 1.00nm 2.7mb X
Z 16s 1.80um 5.0MszX
N 18s 1.90um
E 18s 1.40um
pP 24 20.00 39km
sP 24 33.50
PP 25 48.00
S 30 24.00
sS 30 30.00
GBA 42.60 303 Pc 24 12.30 -1.0
0.8s 23.00nm 5.0mb
HYB 43.86 309 eP 24 22.50 -1.1
1.0s 60.00nm 5.3mb
e 24 35.00 46km
ODAN 44.64 327 P 24 29.31 -0.7
0.8s 165.00nm 5.9mb
KAGJ 44.84 22 eP 24 30.10 -1.2
TAPN 44.86 327 P 24 31.27 -0.6
0.6s 153.00nm 6.0mb
RAMN 45.15 326 P 24 33.21 -0.9
0.8s 97.00nm 5.7mb
JIRN 45.93 326 P 24 39.85 -0.5
0.6s 261.00nm 6.3mb
KUMJ 46.04 21 eP 24 39.90 -0.8
PKI 46.29 325 P 24 41.93 -1.3
0.8s 78.00nm 5.7mb
GUN 46.29 326 P 24 42.61 -0.6
0.6s 221.00nm 6.3mb
DMN 46.49 325 P 24 43.63 -1.1
0.7s 194.00nm 6.2mb
KKN 46.53 325 P 24 44.01 -1.0
0.9s 176.00nm 6.0mb
GKN 47.06 325 P 24 47.91 -1.1
0.6s 114.00nm 6.0mb
LZH 47.09 350 eP 24 49.00 -0.2
1.6s 95.00nm 5.5mb
Z 30s 3.37um 5.1MszX
N 15s 2.05um
pP 24 59.50 36km
sP 25 04.00
PcP 26 21.00
PP 26 41.00
S 31 36.00
sS 31 54.00
SS 35 00.00
KOLN 47.47 324 P 24 51.19 -1.2
0.8s 219.00nm 6.2mb
SHNJ 47.58 20 eP 24 51.90 -1.0
DANN 47.82 325 P 24 53.97 -1.3
0.8s 242.00nm 6.3mb
PYUN 48.08 324 P 24 55.51 -1.6
0.8s 113.00nm 5.9mb
POO 48.16 307 eP 25 06.50 8.8X
TKSJ 48.54 24 P 24 59.50 -0.8
WKYJ 49.37 25 P 25 05.70 -1.1
YONJ 49.38 22 P 25 05.80 -1.0
BJI 50.34 3 eP 25 13.00 -1.0
1.0s 8.00nm 4.7mb
Z 22s 1.99um 5.1Msz
N 18s 1.40um
esP 25 25.00
ePP 27 10.00
eS 32 23.00
eSS 35 54.00
TSRJ 50.66 24 P 25 15.20 -1.4
NDI 52.03 319 iPc 25 24.50 -2.6
MTMJ 52.32 25 P 25 27.80 -1.4
CHJJ 52.38 27 P 25 26.80 -2.8
DZM 52.39 110 iPc 25 35.30 5.3X
MAT 52.45 26 iPd 25 27.80 -2.3
0.6s 16.00nm 5.2mb
Z 21s 1.08um 4.9Msz
eS 32 52.00
PAF 52.49 214 eP 25 39.00 8.8X
iS 33 00.00
YAMJ 54.61 26 eP 25 44.50 -1.5
CSY 55.77 181 eP 25 51.20 -2.8
0.8s 11.40nm 5.0mb
ipP 26 03.10 41km
VLA 56.06 17 iPc 25 56.00 -0.4
1.0s 364.00nm 6.4mb
N 19s 0.40um
iPPP 29 19.00
iS 33 43.00
OFUJ 56.07 27 P 25 55.10 -1.4
AOMJ 56.75 25 eP 26 00.50 -0.9
MRRJ 58.60 24 P 26 13.00 -1.3
HOOJ 59.48 26 eP 26 19.90 -0.5
ASAJ 60.64 24 P 26 27.50 -0.8
KUSJ 60.67 26 P 26 27.40 -1.2

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ZAK     61.18 353 eP     26 31.00  -0.8
        1.5s    38.00nm          5.3mb
                  e      26 42.00  37km
                  e      28 51.00
                  e      30 21.00
                  eS     34 48.00
                  e      36 22.00
CIT     62.21   0 eP     26 41.00   2.1
AAA     62.75 331 eP     26 38.00  -4.6X
                  e      29 00.00 780kmX
                  eS     35 11.00
IRK     62.93 354 eP     26 42.00  -1.6
        1.4s    21.00nm          5.1mb
     Z  17s     1.03um           5.1MszX
     N  14s     0.58um
     E  14s     0.62um
                  e      27 22.00 170kmX
                  e      29 02.00
                  eS     35 12.00
                  e      39 24.00
YSS     63.09  22 ePc-   26 43.00  -1.7
        0.7s    90.00nm          6.0mb
     Z  17s     0.50um           4.8MszX
     N  17s     0.60um
                  i      26 55.50  43km
                  e      29 10.00
                  eS     35 11.00
                  e      42 03.00
FRU     63.56 329 eP     26 48.00   0.0
        2.6s   200.00nm          5.8mb
                  i      27 01.00  45km
                  e      29 12.00
VUN     63.67 105 eP     26 47.20  -1.8
MAW     65.89 199 eP     27 01.00  -1.6
        0.8s    23.50nm          5.3mb
BOD     68.08   1 eP     27 15.70  -0.8
        1.7s   111.00nm          5.6mb
MAIO    68.49 316 eP     27 19.00  -0.7
ASH     70.14 317 P      27 30.00   0.4
YAK     73.44   8 eP     27 47.00  -1.8
        2.0s   299.00nm          5.9mb
     Z  14s     0.80um           5.2MszX
     N  14s     0.20um
     E  14s     0.40um
                  i      28 00.00  45km
                  i      30 38.00
                  eS     37 14.00
                  e      37 41.00
PET     74.26  27 eP     27 54.00   0.3
        1.5s   210.00nm          5.9mb
                  eS     37 30.00
SYO     74.38 201 ePd    27 51.60  -2.6
NAI     76.16 271 iPd    28 07.30   1.6
     Z  20s     0.35um           4.7Msz
KER     76.62 309 iPd    28 06.50  -1.3
SPA     79.60 180 eP     28 22.00  -1.5
        0.7s     5.86nm          4.7mb
     Z  23s     0.49um           4.8MszX
SVE     79.64 334 iPd    28 24.20   0.5
     Z  20s     1.10um           5.2Msz
     N  20s     0.60um
     E  20s     0.60um
                  e      28 37.70  46km
                  eS     38 23.00
MAK     79.86 317 eP     28 26.00   0.9
     Z  17s     0.60um           5.0MszX
     N  17s     0.50um
     E  17s     0.50um
                  e      28 34.00  25kmX
                  e      31 22.00
                  eS     38 24.00
                  e      38 42.00
                  iPS    39 18.00
ARU     80.29 333 eP     28 27.00  -0.2
     Z  20s     1.00um           5.2Msz
     N  16s     1.00um
     E  18s     1.00um
                  e      28 39.00  40km
                  e      31 25.00
                  eS     38 26.00
SLR     80.78 245 iPd    28 30.20  -0.4
        0.8s    33.00nm          5.4mb
MTA     81.12 315 eP     28 33.00   1.2
                  e      31 35.00
                  e      38 33.00
GRO     81.16 317 iP-    28 34.00   2.0
     Z  16s     1.00um           5.3MszX

     N  16s     1.00um
     E  18s     1.50um
GRM     81.34 238 iPc    28 34.50   1.2
KSR     82.00 245 eP     28 36.20  -0.9
        1.0s    24.00nm          5.2mb
BLF     82.20 242 eP     28 37.50  -0.5
BOSA    82.93 242 eP     28 38.50  -3.1X
PYA     83.18 317 iP     28 44.00   1.5
                  e      32 01.00
                  i      40 24.00
LBTB    83.29 246 eP     28 43.49  -0.1
        1.0s    36.65nm          5.4mb
KIV     83.40 317 iPd    28 43.70  -0.1
     Z  20s     0.40um           4.8Msz
SOC     85.29 316 eP     28 52.00  -1.1
     Z  21s     0.50um           4.9Msz
                  e      29 09.00  60kmX
                  eS     39 14.00
BHL     85.44 306 P      28 56.00   1.8
                  SKS    39 20.00
ADK     86.37  36 (P)    28 58.74   0.5
        0.8s    22.41nm          5.4mb
                  epP    29 10.62  39km
ANN     87.35 316 eP     29 03.00  -0.1
                  e      32 24.00
                  e      39 28.00
                  e      39 43.00
SNA     88.43 198 iPd    29 06.90  -1.1
        0.4s    21.00nm          5.8mb
SIM     89.54 316 eP     29 16.00   2.4
                  e      40 00.00
MOS     90.46 327 eP     29 18.00   0.4
     Z  16s     0.60um           5.1MszX
                  e      29 33.00  51kmX
OBN     90.83 326 iPc-   29 20.50   1.2
        0.7s    21.00nm          5.6mb
                  i      29 32.50  39km
                  e      32 54.00
                  e      39 51.00
                  iS     40 14.00
                  ePS    41 18.00
                  eSS    46 28.00
WIN     91.37 247 eP     29 24.00   1.1
        0.5s    30.00nm          6.0mb
ILT     91.70  21 iPc-   29 24.00   0.9
        2.6s    86.00nm          5.7mb
                  i      29 35.00  35km
                  e      33 10.00
                  e      39 56.00
                  e      40 10.00
                  e      42 00.00
HON     92.86  69 P      29 40.00  10.6X
     Z  20s     0.61um           5.0Msz
KIS     93.58 317 eP     29 29.00  -3.2X
     Z  20s     0.50um           5.0Msz
                  e      33 14.00
                  e      40 05.00
                  e      40 30.00
VRI     94.82 316 eP     29 38.50   0.5
LVZ     95.26 338 (P)    29 39.90   0.3
PUL     95.28 330 eP     29 40.00   0.3
     Z  16s     0.40um           5.0MszX
     E  16s     0.30um
                  e      33 30.00
                  e      40 18.00
                  e      40 44.00
                  e      42 22.00
MLR     95.30 315 eP     29 38.00  -2.3
SDN     96.56  35 eP     29 45.11  -0.5
        0.8s    53.37nm          6.1mb
     Z  19s     1.56um           5.5Msz
                  epP    29 57.01  38km
KAF     97.60 332 eP     29 50.90   0.7
        0.8s     4.50nm          5.1mb
NUR     98.19 330 eP     29 49.10  -3.7X
TTA     99.70  28 eP     29 59.68  -0.2
        1.2s     7.30nm          5.1mb
                  epP    30 12.22  41km
SVW     99.76  30 eP     29 58.38  -1.7
        0.7s     9.36nm          5.4mb
BRW     99.93  19 eP     30 02.05   1.4
IMA    100.85  24 (Pdiff30 04.48  -0.6
        1.4s     7.34nm          5.1mb
CP2    101.41  29 (Pdiff30 07.99   0.3
PMR    102.90  29 Pdiff 30 20.00   6.0X
     Z  20s     0.25um           4.7Msz
GEC2   103.89 318 Pdiff 30 31.80  12.9X

        1.4s     2.62nm
                  e      30 39.50
                  e      30 47.60
BALM   106.21  29 ePdiff30 31.18   2.2X
INK    108.27  21 ePKP   34 58.50  14.5X
RES    113.90   8 ePKP   34 55.50   0.8
        0.8s     2.00nm
KIC    118.32 272 PKP    35 02.54  -2.3X
        0.9s     9.00nm
LIC    118.58 271 PKP    35 02.90  -2.4X
        0.8s    10.00nm
TIC    118.63 272 PKP    35 02.66  -2.8X
        0.9s     8.00nm
MCW    120.11  39 ePKP   35 08.68   1.4
                  epPKP  35 20.87
GMW    120.52  41 ePKP   35 09.02   0.9
                  epPKP  35 21.56
BMW    120.58  42 ePKP   35 09.51   1.2
                  ipPKP  35 21.70
RMW    121.17  40 ePKP   35 10.59   1.2
                  epPKP  35 22.42
SHW    121.32  42 ePKP   35 11.81   2.0X
LON    121.41  41 ePKP   35 10.32   0.5
                  ipPKP  35 22.78
VGB    122.51  42 ePKP   35 13.52   1.6
                  ipPKP  35 25.70
WDC    122.77  48 PKP    35 20.00   7.4X
     Z  20s     0.34um           5.0Msz
LBFM   123.03  47 ePKP   35 14.93   1.6
                  ipPKP  35 26.89
DPW    123.28  39 ePKP   35 14.52   1.1
                  ipPKP  35 26.70
NEW    123.78  38 ePKP   35 15.41   1.0
     Z  21s     0.39um           5.0Msz
                  epPKP  35 27.64
ORV    123.81  49 ePKP   35 15.82   1.2
                  epPKP  35 27.76
COE    124.27  52 (PKP)  35 14.68  -0.9
                  epPKP  35 29.31
ARN    124.35  52 ePKP   35 17.24   1.4
                  ipPKP  35 29.68
SAO    124.56  52 PKP    35 30.00  13.8X
     Z  20s     0.46um           5.1Msz
CMB    125.06  51 ePKP   35 18.39   1.2
     Z  20s     0.25um           4.9Msz
                  ipPKP  35 30.75
PKEM   125.78  53 (PKP)  35 21.06   2.5X
                  epPKP  35 33.43
BCH    126.01  54 ePKP   35 21.51   2.3X
                  ipPKP  35 33.34
KVN    126.48  49 ePKP   35 22.23   2.1X
                  epPKP  35 34.42
BONR   126.66  50 ePKP   35 18.44  -2.2X
                  ipPKP  35 34.30
ABL    126.77  54 ePKP   35 22.86   2.0X
                  ipP    35 35.31
FRB    126.79   1 ePKP   35 20.50   0.9
        1.0s     6.00nm
ISA    127.16  53 PKP    35 30.00   8.6X
     Z  19s     0.35um           5.1Msz
CSP    128.40  54 ePKP   35 25.96   2.1X
                  ipPKP  35 38.28
TPNV   128.52  51 ePKP   35 26.32   2.3X
                  e      37 29.48
GSC    128.57  53 ePKP   35 25.87   1.8
                  ipPKP  35 38.37
PEC    128.66  55 ePKP   35 26.59   2.4X
HHAI   128.91  42 ePKP   35 26.57   2.0X
PTI    129.10  42 ePKP   35 27.69   2.7X
                  i      35 39.84
DUG    129.91  46 ePKP   35 27.75   1.2
     Z  20s     0.26um           4.9Msz
                  i      35 40.43
DAU    130.90  45 ePKP   35 30.90   2.2X
                  i      35 43.22
BW06   130.99  41 ePKP   35 29.46   0.8
                  i      35 42.23
MSU    131.01  47 ePKP   35 31.03   2.2X
                  i      35 42.89
EMUT   131.46  45 ePKP   35 31.32   1.7
                  i      35 43.22
SRU    131.96  46 ePKP   35 31.85   1.3
                  e      35 32.82
                  i      35 44.30
PV09   133.20  46 ePKP   35 35.54   2.5X
RSSD   133.71  37 (PKP)  35 32.36  -1.4
                  epPKP  35 46.83
```

03d 18h

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ULM    133.75  25 ePKP  35 37.50    4.2X
               pP     35 49.50
TUC    134.24  55 (PKP) 35 37.21    2.3X
   Z  19s      0.46um            5.2Msz
               epPKP 35 50.47
GOL    135.24  43 PKP   35 37.50    0.7
   Z  21s      0.21um            4.8Msz
JAQ    136.22   7 ePKP  35 37.50   -0.4
ALQ    136.65  49 ePKP  35 41.16    1.6
   Z  20s      0.06um            4.3Msz
               ipPKP 35 53.62
WMOK   142.30  45 ePKP  35 44.98   -4.7X
   Z  20s      0.56um            5.3Msz
MEO    142.41  45 iPKPc 35 43.00   -6.8X
SIO    143.41  42 iPKPc 35 51.00   -0.5
CBM    143.65   1 PKP   36 00.00    8.5X
   Z  20s      0.39um            5.2Msz
TUL    143.65  41 iPKPc 35 50.50   -1.3
GAC    144.15  10 ePKP  35 51.00   -1.3
LMN    144.69 357 ePKP  35 53.00   -0.3
   0.7s     18.00nm
XIN    144.85 237 ePKP  35 52.90   -1.6
               e      36 05.30
TYS    145.02  33 ePKP  35 53.76   -0.3
               e      36 05.68
ACTO   145.10  17 PKP   35 54.08    0.0
ELF    145.11  18 PKP   35 53.75   -0.3
WLVO   145.24  14 PKP   35 54.35    0.1
LDN    145.29  18 PKP   35 54.65    0.3
DLA    145.33  19 PKP   35 55.00    0.5
FVM    145.48  34 ePKP  35 55.20    0.3
               i      36 08.05
TYNO   145.63  17 PKP   35 55.65    0.7
ITR    145.71 237 ePKP  35 56.20    0.2
               e      36 09.60
STCO   145.71  16 PKP   35 55.95    0.9
MRX    145.83  70 (PKP) 35 58.00    2.1X
MIAR   145.92  41 ePKP  35 57.06    1.3
   Z  20s      0.47um            5.3Msz
               ipPKP 36 10.32
LBNH   146.09   6 ePKP  35 57.82    2.1X
   Z  19s      0.31um            5.1Msz
DON    146.34  34 ePKPc 35 57.96    1.6
YSNY   146.56  16 ePKP  35 58.28    1.7
   Z  21s      0.71um            5.4Msz
               ipP    36 11.37
LST    146.92  35 ePKP  36 00.06    2.8X
               iPKPbc36 04.90
               ePKPab36 10.50
GRT    147.28  35 (PKP) 36 01.15    3.3X
BINY   147.43  12 ePKP  35 59.27    1.3
   Z  21s      0.45um            5.2Msz
               iPKPbc36 01.14
ACX    147.51  75 (PKP) 36 03.00    4.3X
III    147.66  72 (PKP) 36 03.50    4.3X
UNM    147.76  70 (PKP) 36 03.00    3.6X
HRV    147.84   6 ePKP  35 59.13    0.6
   Z  19s      0.37um            5.2Msz
               ePKPbc36 02.04
BAO    147.93 216 ePKP  36 02.80    3.2X
               i      36 14.10
PPM    148.33  71 (PKP) 36 06.00    5.3X
LSCT   148.44   9 ePKP  36 00.59    1.0
   Z  20s      0.53um            5.3Msz
               iPKPbc36 03.82
               ePKPab36 07.67
MOCB   148.45 182 PKP   36 02.20    1.5
MCWV   148.78  19 ePKP  36 02.97    2.8X
   Z  21s      0.46um            5.2Msz
               iPKPbc36 05.12
               ePKPab36 09.28
GPD    148.87  11 (PKP) 36 01.90    1.6
               iPKPbc36 05.30
GMTN   149.06  11 iPKP  36 05.90    5.4X
NAV    150.53  23 ePKP  36 06.17    3.2X
               iPKPbc36 09.03
CVL    150.75  19 ePKP  36 05.19    2.0X
               iPKPbc36 09.95
               i      36 22.35
BLA    150.76  22 ePKP  36 04.28    1.0
               iPKPbc36 09.70
MYNC   150.97  30 PKP   36 20.00   16.3X
   Z  20s      0.41um            5.2Msz
CCH    152.31 182 PKP   36 14.40    7.9X
CEH    152.43  21 (PKP) 36 07.17    1.5
   Z  19s      0.24um            5.0Msz
               iPKPbc36 13.63
PRM    152.62  28 ePKP  36 09.97    3.9X
               ePKPbc36 14.35
               e      36 26.63
ARE    152.88 171 ePKP  36 18.00   10.7X
JSC    152.96  27 ePKP  36 07.85    1.4
               ePKPbc36 15.22
               ePKPab36 20.13
LHS    152.99  26 ePKP  36 08.42    1.9
               ePKPbc36 14.56
               ePKPab36 20.22
               e      36 26.37
SIV    153.06 193 PKP   36 07.90    0.7
LPB    153.15 178 PKP   36 15.50    7.7X
LPAZ   153.39 178 PKP   36 11.80    3.4X
               i      36 17.30
     S.D. = 1.3  on 170 of 238 obs.
-------------------------------------
  JUN 03, 1994  18h 29m 38.05± 0.64s
  40.051 N ± 6.6km    21.915 E ± 4.7km
  DEPTH =   5.0km  (geophysicist)
 GREECE                           (364)

LIT      0.44  83 iPg    29 46.70  -0.3
              eSg    29 53.92
FNA      0.84 331 ePg    29 54.17  -0.6
              eSg    30 08.21
GRG      0.98  22 ePg    29 56.48  -0.6
              eSg    30 10.28
THE      0.99  54 ePg    29 57.02  -0.3
              eSg    30 10.68
LSK      1.01 276 ePn    29 55.00  -2.8
KBN      1.03 304 ePn    29 58.50   0.4
AGG      1.08 163 ePg    29 58.60  -0.2
              eSg    30 14.24
IGT      1.32 248 ePb    30 05.00   2.0
              eSb    30 23.11
KNT      1.34  34 iPb    30 02.97  -0.3
              eSb    30 20.77
SOH      1.34  55 ePb    30 03.92   0.6
              iSb    30 21.68
PAIG     1.36  95 iPb    30 03.93   0.3
              iSb    30 20.94
VAY      1.36  21 iPn    30 05.30   1.7
TPE      1.48 280 ePn    30 07.50   2.2X
SRN      1.48 264 ePn    30 08.40   3.1X
OUR      1.61  79 ePb    30 06.32  -0.8
              eSb    30 30.20
SRS      1.66  50 ePb    30 06.96  -1.0
VLO      1.90 283 ePn    30 04.90  -6.5X
SKO      1.95 350 e(Pn)  30 14.50   2.3X
PHP      1.98 326 ePn    30 13.40   0.8
     S.D. = 1.2  on  15 of  19 obs.
-------------------------------------
  JUN 03, 1994  18h 31m 03.39± 0.72s
  40.041 N ± 6.3km    21.947 E ± 6.0km
  DEPTH =   5.0km  (geophysicist)
 GREECE                           (364)

LIT      0.42  82 iPg    31 11.60  -0.2
              eSg    31 19.04
FNA      0.86 330 ePg    31 19.20  -1.3
              eSg    31 32.76
GRG      0.98  21 iPg    31 21.32  -1.1
              eSg    31 36.88
AGG      1.06 164 ePg    31 23.32  -0.5
              iSg    31 39.04
SOH      1.33  54 iPb    31 28.52   0.1
              eSb    31 46.92
KNT      1.33  33 iPb    31 28.76   0.3
              eSb    31 47.40
PAIG     1.34  94 ePb    31 28.31  -0.2
              eSb    31 47.40
IGT      1.34 248 ePb    31 29.36   0.7
              eSb    31 47.62
VAY      1.36  20 ePn    31 31.00   2.0
OUR      1.59  79 ePb    31 32.44   0.3
              eSb    31 54.22
     S.D. = 1.1  on  10 of  10 obs.
-------------------------------------
% JUN 03, 1994  18h 36m 11.78± 0.72s
  40.037 N ± 6.2km    21.971 E ± 6.0km
  DEPTH =   5.0km  (geophysicist)
 GREECE                           (364)

LIT      0.40  81 iPg    36 19.74  -0.1
              eSg    36 26.86
FNA      0.87 329 ePg    36 27.88  -1.2
              iSg    36 43.12
THE      0.96  52 iPg    36 31.52   1.0
              eSg    36 44.18
GRG      0.98  20 ePg    36 29.89  -0.9
              eSg    36 44.94
AGG      1.05 165 iPg    36 31.93  -0.2
              eSg    36 46.10
SOH      1.31  53 ePb    36 36.22  -0.4
              eSb    36 55.14
PAIG     1.32  94 ePb    36 35.66  -0.9
              eSb    36 54.90
KNT      1.33  32 ePb    36 37.65   0.9
              eSb    36 54.70
IGT      1.36 249 ePb    36 38.14   0.8
              eSb    36 56.48
OUR      1.57  78 ePb    36 39.78  -0.5
              eSb    37 01.46
SRS      1.64  48 ePb    36 42.90   1.5
              eSb    37 06.38
     S.D. = 1.0  on  11 of  11 obs.
-------------------------------------
  JUN 03, 1994  18h 48m 32.71± 0.50s
  40.056 N ± 5.4km    21.968 E ± 3.7km
  DEPTH =   5.0km  (geophysicist)
 GREECE                           (364)

LIT      0.40  83 iPg    48 40.93   0.1
              eSg    48 48.14
FNA      0.86 328 iPg    48 48.34  -1.4
              eSg    49 03.54
THE      0.95  53 ePg    48 51.42   0.1
              eSg    49 05.78
GRG      0.96  20 ePg    48 50.98  -0.4
              eSg    49 06.38
LSK      1.05 276 ePn    48 51.00  -2.1
KBN      1.07 303 ePn    48 53.00  -0.3
AGG      1.07 165 ePg    48 52.94  -0.4
              eSg    49 07.48
SOH      1.31  54 iPb    48 57.74   0.4
              eSb    49 14.98
KNT      1.31  32 ePb    48 57.42   0.0
              eSb    49 15.68
PAIG     1.32  95 ePb    48 58.10   0.5
              eSb    49 13.90
VAY      1.34  20 iPn    48 58.00   0.0
   0.8s     220.00nm
              i      49 02.50
              i      49 14.70
              iSn    49 23.50
              Lg     49 28.00
IGT      1.36 248 iPb    48 59.14   0.8
              eSb    49 19.58
TPE      1.52 280 ePn    49 01.00   0.4
SRN      1.52 264 ePn    49 01.90   1.3
OUR      1.57  79 ePb    49 00.18  -1.0
              iSb    49 22.61
SRS      1.63  49 ePb    49 01.66  -0.5
              eSb    49 24.56
VLO      1.94 283 ePn    48 57.40  -9.2X
SKO      1.96 348 ePn    49 09.00   2.1
   1.1s     110.00nm
              iSg    49 36.20
              Lg     49 48.50
PHP      2.00 325 iPnc   49 07.90   0.4
              iSn    49 33.90
TIR      2.05 310 ePn    49 11.00   2.7X
LACI     2.33 313 ePn    49 19.00   6.7X
SDA      2.73 318 ePn    49 24.20   6.2X
     S.D. = 1.0  on  18 of  22 obs.
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  JUN 03, 1994  18h 54m 46.73± 0.36s
  10.656 S ± 7.7km  113.017 E ± 9.7km
  DEPTH =  33.0km  (normal)
  5.1mb ( 12 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM      6.55 305 ePc    56 25.00   1.5
NANU    12.08 169 iPc    57 33.90  -5.7X
              eS     59 37.00
MBL     12.33 149 eP     57 36.00  -6.9X
   0.4s     16.00nm               5.5mb
              eS     59 40.00
MEEK    16.75 162 eP     58 36.00  -4.6X
   0.4s     20.00nm               4.6mb
              eS     01 27.00
IPM     19.28 321 ePc    59 11.70  -0.1
WARB    20.11 142 eP     59 20.00  -0.7
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     0.5s    13.00nm          4.5mb
             eS     02 50.00
BAL    20.15 171 eP     59 20.00   -1.0
KLB    21.29 169 eP     59 42.00    9.2X
             eS     03 13.00
COOL   21.50 161 eP     59 36.00    1.1
             eS     03 18.00
WB2    22.53 117 eP     59 45.00   -0.3
     0.7s    30.60nm          4.9mb
             epP    59 57.30   50kmX
             eS     03 46.50
ASPA   23.74 126 eP     59 57.90    0.9
     0.6s    35.70nm          5.1mb
             e      00 11.10
             iS     04 17.40
FORT   24.42 147 eP     00 04.00    0.5
PGP    25.26  18 eP     00 13.00    1.3
NNT    26.60 330 eP     00 25.80    1.8
NST    29.10 334 eP     00 59.00   12.3X
LOE    30.03 338 eP     00 54.00   -1.1
STKA   33.80 133 iPc    01 28.40    0.4
             ipP    01 39.80   42kmX
KMI    36.95 344 eP     01 57.00    2.0
     1.0s    20.00nm          4.9mb
             pP     02 06.60   32kmX
GUMO   39.74  53 eP     02 28.60   10.4X
PJG    39.74  53 eP     02 28.80   10.6X
GUA    39.74  53 eP     02 28.70   10.4X
GBA    42.75 304 P      02 51.00    8.1X
ODAN   44.83 327 P      02 59.70   -0.3
TAPN   45.05 328 P      03 01.90    0.1
RAMN   45.33 326 P      03 04.60    0.6
JIRN   46.11 326 P      03 10.14   -0.1
     0.6s    26.00nm          5.3mb
PKI    46.47 325 P      03 12.32   -0.8
GUN    46.48 326 P      03 13.00   -0.1
     0.5s    27.00nm          5.5mb
DMN    46.67 325 P      03 14.02   -0.6
     0.7s    21.00nm          5.2mb
KKN    46.72 325 P      03 14.36   -0.5
     0.7s    17.00nm          5.1mb
GKN    47.24 325 P      03 18.10   -0.8
     0.3s     6.00nm          5.0mb
LZH    47.29 350 eP     03 30.20   11.0X
     1.5s    34.00nm
             pP     03 40.50   35kmX
KOLN   47.66 324 P      03 21.64   -0.6
     0.4s    14.00nm          5.3mb
DANN   48.00 325 P      03 24.36   -0.7
PYUN   48.26 324 P      03 26.32   -0.6
TKSJ   48.69  23 eP     03 32.70    2.8X
WKYJ   49.51  25 eP     03 36.10   -0.2
YONJ   49.53  22 eP     03 36.60    0.2
MAT    52.60  26 eP     03 58.00   -1.7
BAO   147.81 216 ePKP   14 32.60    4.6X
MOCB  148.27 182 PKP    14 34.60    5.6X
LPB   152.96 178 ePKP   14 47.00   10.9X
LPAZ  153.21 178 PKP    14 44.30    7.6X
   S.D. = 1.0  on  28 of  43 obs.
--------------------------------------
? JUN 03, 1994  19h 39m 25.53± 2.25s
  34.626 S ±23.0km    70.910 W ±11.3km
  DEPTH = 100.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION   (127)
     MD 4.1 (SAN).

CACH    0.57  27 iP+    39 42.32    0.1
             iS     39 55.21
CHCH    0.72  17 iP     39 43.45    0.0
             iS     39 57.38
LNV     0.79 328 iPd    39 43.79   -0.2
             iS     39 57.56
TACH    0.97 359 iP     39 45.98    0.1
             iS     40 01.45
PCH     1.05  18 iP+    39 47.20    0.3
             iS     40 03.85
SAN     1.19  10 iP     39 48.01   -0.4
             iS     40 05.97
LCCH    1.27 334 iPd    39 49.34    0.0
             iS     40 07.27
FCH     1.39  22 iP+    39 51.30    0.1
             iS     40 12.27
PEL     1.49   7 iP+    39 52.47    0.4
             iS     40 12.84
ROCH    1.65 357 iP     39 54.42    0.1
             iS     40 16.41
JACH    1.96   8 iP+    39 58.00   -0.1
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             iS     40 23.09
ZON     3.60  32 iPc    40 20.00   -0.3
             eS     40 57.00
   S.D. = 0.2  on  12 of  12 obs.
--------------------------------------
  JUN 03, 1994  19h 53m 05.00± 0.48s
  36.042 N ±14.1km    68.539 E ± 9.4km
  DEPTH =  33.0km  (normal)
  4.6mb (  8 obs.)
 HINDU KUSH REGION, AFGHANISTAN  (718)

MAIO    7.32 275 eP     54 52.00   -0.4
     0.9s    10.66nm          4.8mb
             i      56 16.00
NDI    10.37 133 eP     55 36.50    2.0
PYUN   14.58 119 P      56 29.83   -1.1
DANN   14.98 116 P      56 35.63   -0.7
KOLN   15.21 119 P      56 38.91   -0.2
GKN    15.82 116 P      56 46.01   -1.0
DMN    16.38 116 P      56 53.43   -0.9
     1.0s    51.00nm          4.6mb
KKN    16.41 115 P      56 54.33   -0.2
     0.8s    40.00nm          4.6mb
PKI    16.63 116 P      56 58.13    0.7
GUN    16.78 114 P      56 59.39   -0.1
JIRN   17.15 114 P      57 04.21    0.1
RAMN   17.85 115 P      57 13.19    0.5
TAPN   18.45 113 P      57 19.97   -0.1
     0.5s    18.00nm          4.5mb
ODAN   18.48 114 P      57 21.21    0.8
     0.8s    48.00nm          4.7mb
KAF    36.95 328 eP     00 12.40    0.0
     0.7s     2.50nm          4.2mb
NUR    37.05 325 eP     00 13.10   -0.2
     0.7s     6.60nm          4.6mb
HFS    42.21 322 eP     00 56.20    0.1
     0.8s     6.90nm          4.4mb
NB2    43.56 324 P      01 02.40   -4.7X
     0.6s     0.60nm          3.5mb X
MBC    67.88   2 eP     04 02.50    0.9
   S.D. = 0.8  on  18 of  19 obs.
--------------------------------------
  JUN 03, 1994  20h 23m 25.23± 0.87s
  14.129 N ±11.4km    92.165 W ± 7.4km
  DEPTH =  73.1 ±  7.0 km
  4.5mb (  8 obs.)
 NEAR COAST OF CHIAPAS, MEXICO   ( 69)
     MD 4.8 (GCG).

TPX     0.78 353 iP     23 38.50   -2.9
TER     1.45  83 eP     23 49.93   -0.1
PCG     1.53  80 iPc    23 51.82    0.4
BVA     1.57  70 iPc    23 53.17    1.2
IXG     1.66  88 iPd    23 53.07    0.0
YUP     2.29  88 iPd    24 02.86    1.1
SCX     2.63 350 iP     24 07.04    0.8
             iS     24 43.62
OXX     5.28 304 eP     24 42.49   -1.1
             iS     25 48.32
LVVM    6.92 324 (P)    25 00.00   -6.1X
IISM    6.95 315 iP     25 06.21   -0.3
IIT     7.64 310 (P)    25 17.91    1.6
ACX     7.90 291 (P)    25 23.63    3.9X
PPM     7.90 309 iP     25 20.21    0.0
IIA     7.98 310 iP     25 22.01    1.3
III     8.19 302 iP     25 23.70   -0.1
             (S)    27 18.21
UNM     8.48 309 (P)    25 28.00    0.0
CRX     8.91 307 (P)    25 39.00    5.2X
MRX    10.26 304 iP     25 53.25    1.3
VVO    21.36 352 iPc    28 09.00    0.7
MEO    21.37 345 iPc    28 08.00   -0.4
OCO    21.83 348 iPc    28 13.30    0.3
SIO    21.85 351 iPc    28 05.00   -8.2X
TUL    21.93 352 iPc    28 11.50   -2.5
LPAZ   38.44 141 P      30 40.00   -2.4
LPB    38.64 141 (P)    30 41.00   -2.9
JAQ    41.65  15 eP     31 06.50   -1.3
SIV    42.89 133 P      31 19.70    1.3
YKA    50.86 347 eP     32 20.90    0.5
     0.6s    14.50nm          5.2mb
FRB    52.22  13 eP     32 29.00   -1.6
     1.0s     7.00nm          4.6mb
BAO    52.74 122 eP     32 36.30    1.0
ITR    57.96 110 eP     33 14.10    1.2
INK    60.27 344 eP     33 29.00    1.0
     1.0s    11.00nm          4.9mb
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RES    60.57 359 eP     33 28.00   -1.9
MBC    63.77 353 eP     33 53.00    1.8
     0.7s     3.00nm          4.4mb
DAG    72.55  13 eP     34 45.60   -0.2
     0.8s     4.48nm          4.4mb
EKA    77.96  36 Pc     35 16.03   -0.8
     0.9s     9.50nm          4.7mb
MOMI   78.95  55 eP     35 34.00   11.2X
PLAT   78.95  55 iP     35 30.00    7.2X
ALJ    78.99  55 iP     35 33.00    9.9X
NB2    84.11  28 P      35 51.10    1.9
     0.8s     1.20nm          4.0mb
GRF    87.79  39 ePKP   36 09.50    2.0X
GEC2   89.61  39 PKP    36 16.50    0.2
     0.9s     0.95nm          4.0mb
             e      36 22.10
             e      36 26.90
LOE   145.80 336 ePKP   42 59.20    1.3
BDT   146.94 340 ePKP   43 04.00    4.3X
HYB   147.34  17 ePKP   43 04.60    4.2X
GBA   150.58  21 PKP    43 13.00    7.6X
   S.D. = 1.4  on  35 of  46 obs.
--------------------------------------
  JUN 03, 1994  20h 34m 57.17± 0.71s
  35.137 N ± 6.8km     4.056 W ± 8.5km
  DEPTH =  33.0km  (normal)
 STRAIT OF GIBRALTAR             (385)
     mbLg 3.4 (MDD). MD 3.2 (RBA).

EMEL    0.91  79 eP     35 13.60    0.0
             eS     35 23.50
TAF     1.39 103 iPnd   35 22.00    1.5
             iSn    35 40.00
             i      35 43.00
EGUA    1.74  13 eP     35 24.34   -1.2
             eS     35 45.50
EJIF    1.74 319 eP     35 28.50    2.9X
IFR     1.84 209 iPn    35 28.00    0.8
             i      35 29.50
             iSn    35 54.00
ERON    1.89   6 eP     35 28.05    0.2
             eS     35 49.60
ELOJ    2.01 358 eP     35 31.00    1.5
             eS     35 53.00
EPRU    2.06 333 eP     35 31.50    1.3
             eS     35 56.00
ECOG    2.17  10 eP     35 30.29   -1.5
             eS     35 54.80
ENIJ    2.37  39 eP     35 33.79   -0.7
             eS     35 59.80
ELUQ    2.42 356 eP     35 36.86    1.5
             eS     36 02.30
EHOR    2.85 341 eP     35 42.74    1.5
             eS     36 15.80
EHUE    2.92  23 eP     35 40.06   -2.4
EVAL    3.27 319 eP     35 46.80   -0.5
AVE     3.33 238 ePn    35 46.00   -2.2
             e      35 51.00
             eSn    36 25.00
             e      36 30.00
TIO     4.99 214 iPn    36 12.00    0.1
             iSn    37 09.00
   S.D. = 1.5  on  15 of  16 obs.
--------------------------------------
% JUN 03, 1994  20h 36m 24.40± 1.03s
  39.243 N ± 8.7km    22.704 E ± 9.5km
  DEPTH =  10.0km  (geophysicist)
 GREECE                          (364)

AGG     0.36 233 iPg    36 31.89    0.0
             eSg    36 38.68
LIT     0.87 349 ePg    36 41.25    0.1
             eSg    36 54.24
PAIG    1.02  47 ePg    36 43.80    0.2
             iSg    36 56.14
THE     1.40   8 ePb    36 49.68   -0.3
SOH     1.65  17 ePb    36 53.72    0.1
GRG     1.73 352 ePb    36 55.16    0.5
FNA     1.85 327 ePb    36 56.48    0.1
IGT     1.86 280 eP     36 43.24  -13.3X
             eS     37 11.52
KNT     1.92   4 ePb    36 56.88   -0.6
             eSb    37 23.32
   S.D. = 0.4  on   8 of   9 obs.
--------------------------------------
  JUN 03, 1994  20h 44m 54.82± 0.31s
  41.568 N ± 3.6km    20.235 E ± 3.5km
```

03d 20h

DEPTH = 15.5 ± 4.6 km
ALBANIA (391)
ML 3.5 (TTG), 3.2 (TIR).

PHP 0.19 53 iPgd 44 59.50 -0.1
iSg 45 03.50
TIR 0.35 232 iPgd 45 01.00 -1.3
iSg 45 06.00
LACI 0.40 280 iPgc 45 02.00 -1.1
iSg 45 09.50
SDA 0.73 312 iPgc 45 06.80 -1.9
iSg 45 19.00
ULC 0.84 299 iPgc 45 09.82 -0.7
iSg 45 23.03
SKO 0.99 65 iPg 45 13.30 0.2
0.2s 700.00nm
i 45 15.20
iSg 45 27.00
KBN 1.03 156 ePn 45 13.00 -0.9
PVY 1.04 349 iPgd 45 14.45 0.3
iSg 45 31.69
TTG 1.13 320 iPgc 45 15.56 0.1
iSg 45 33.53
FNA 1.16 132 iPb 45 15.02 -1.1
eSb 45 32.92
VLO 1.23 207 ePn 45 17.00 -0.2
BDV 1.27 305 iPgc 45 17.95 0.1
iSg 45 37.54
TPE 1.28 188 ePn 45 18.00 0.0
IVA 1.33 349 iPgc 45 19.95 1.2
iSg 45 40.71
LSK 1.44 169 iPnd 45 21.80 1.4
iSn 45 45.00
NKY 1.55 324 iPgc 45 23.33 1.5
iSg 45 47.50
HCY 1.56 305 iPgc 45 23.33 1.3
iSg 45 47.32
SRN 1.70 186 ePn 45 26.40 2.5
GRG 1.74 110 iPb 45 24.70 0.0
eSb 45 48.21
VAY 1.77 97 iPn 45 25.50 0.5
0.8s 190.00nm
i 45 28.40
i 45 48.00
iSn 45 50.50
Lg 45 52.00
BRY 1.83 317 iPnd 45 27.78 1.7
iSn 45 54.38
PLE 1.87 341 iPnc 45 28.60 2.1
iSn 45 55.45
IGT 2.03 178 ePn 45 29.52 0.7
eSn 45 56.12
KNT 2.04 101 ePn 45 28.76 -0.3
eSn 45 55.30
LIT 2.25 130 iPn 45 32.52 0.5
eSn 46 02.20
THE 2.26 113 iPn 45 31.78 -0.4
eSn 46 00.96
SOH 2.47 107 ePn 45 35.16 0.1
iSn 46 06.40
SRS 2.57 99 ePn 45 35.78 -0.7
AGG 3.01 147 iPn 45 43.32 0.6
eSn 46 20.28
PAIG 3.09 121 ePn 45 42.84 -1.0
OUR 3.09 112 ePn 45 43.04 -0.8
HVAR 3.23 301 i(Pn) 45 45.90 -0.1
VOY 6.40 316 ePn 46 30.50 -0.3
eSn 47 42.80
GEC2 8.61 330 Pn 46 57.90 -3.8X
0.7s 0.86nm 4.1mb
S.D. = 1.1 on 33 of 34 obs.

JUN 03, 1994 20h 47m 24.76± 0.69s
41.535 N ± 6.5km 20.171 E ± 4.1km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.7 (TTG), 2.4 (TIR).

PHP 0.25 54 iPgd 47 29.00 -1.1
iSg 47 33.00
TIR 0.30 231 iPgd 47 30.50 -0.5
iSg 47 36.50
LACI 0.36 286 ePg 47 31.90 -0.3
iSg 47 39.30
SDA 0.72 316 iPgc 47 37.40 -1.5
iSg 47 49.30
ULC 0.81 302 iPgc 47 40.04 -0.5
iSg 47 54.22
SKO 1.04 65 iPg 47 44.80 0.3
0.4s 60.00nm
i 47 57.30
Lg 47 57.50
PVY 1.07 352 iPgc 47 44.42 -0.5
iSg 48 01.12
TTG 1.12 323 iPgd 47 45.59 -0.2
iSg 48 04.22
VLO 1.18 206 ePn 47 49.90 3.1X
BDV 1.25 307 iPgc 47 48.16 0.1
iSg 48 08.59
IVA 1.35 351 iPgc 47 49.68 0.0
iSg 48 10.27
HCY 1.54 307 iPnc 47 53.01 0.7
iSn 48 17.22
NKY 1.55 326 iPnc 47 53.09 0.6
iSn 48 17.22
VAY 1.82 96 ePn 47 56.70 0.4
BRY 1.82 319 iPnd 47 58.24 1.7
PLE 1.88 342 iPnd 47 57.94 0.6
S.D. = 0.9 on 15 of 16 obs.

JUN 03, 1994 21h 06m 59.88± 0.13s
10.362 S ± 3.3km 112.892 E ± 2.9km
DEPTH = 25.9km (geophysicist)
6.1mb (76 obs.) 6.4Msz (52 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 6.3 (GS), 6.6 (HRV). Ms 6.3
(BRK). Mo=1.6*10**19 Nm (PPT).
Depth from broadband
displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 51 Dip=55 Slip=-137
NP2: 293 56 -44
Principal Axes:
T Plg= 1 Azm=352
P 53 261
Comment: The focal mechanism is
moderately well controlled
and corresponds to strike-
slip faulting with a large
normal component. The
preferred fault plane is not
determined.
RADIATED ENERGY
No. of sta: 18 Focal mech. F
Energy 2.4±0.5*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 29 No. of sta: 22
Moment Tensor; Scale 10**18 Nm
Mrr=-3.19 Mtt= 3.37
Mff=-0.19 Mrt=-0.43
Mrf=-0.87 Mtf=-0.37
Principal axes:
T Val= 3.43 Plg= 3 Azm=185
N 0.03 16 94
P -3.46 74 286
Best Double Couple:Mo=3.4*10**18
NP1:Strike=291 Dip=44 Slip= -67
NP2: 81 50 -111
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 64S,148C M.W.: 62S,122C
Centroid Location:
Origin Time 21:07: 7.3 0.1
Lat 10.75S 0.01 Lon 113.14E 0.01
Dep 15.0 FIX Half-duration 4.5
Moment Tensor; Scale 10**18 Nm
Mrr=-8.64 0.04 Mtt= 8.42 0.04
Mff= 0.22 0.05 Mrt=-2.14 0.21
Mrf=-0.50 0.19 Mtf= 0.24 0.04
Principal Axes:
T Val= 8.70 Plg= 7 Azm=178
N 0.23 3 88
P -8.93 82 337
Best Double Couple:Mo=8.8*10**18
NP1:Strike=271 Dip=38 Slip= -86
NP2: 86 52 -93

SRDI 2.24 33 P 07 36.00 0.0
KELI 2.65 37 P 07 42.80 0.9
INGI 2.70 56 P 07 42.10 -0.5
RANI 2.78 47 P 07 44.10 0.4
RATI 3.07 58 P 07 46.70 -1.2
JEHI 3.22 46 P 07 50.70 0.8
THRI 3.28 53 P 07 51.20 0.3
KEDI 3.91 54 P 07 55.90 -3.9X
SINI 6.28 302 P 08 31.50 -1.9
LEM 6.29 304 ePc 08 34.50 1.0
eS 14 26.00
KALI 6.96 297 P 08 40.20 -2.7
PACI 7.00 302 P 08 41.30 -2.2
PULI 7.92 300 P 08 56.00 -0.5
PASI 8.09 296 P 08 55.50 -3.2X
PENI 9.01 301 P 09 09.80 -1.6
TANI 9.42 44 P 09 15.90 -1.2
BUNI 9.94 48 P 09 25.00 0.8
PCI 11.66 37 ePd 09 57.50 9.8X
NANU 12.39 169 iPc 09 45.50 -12.0X
MBL 12.64 149 eP 09 48.00 -12.9X
TSM 15.38 19 ePc 10 41.00 4.1X
KGM 15.56 322 eP 10 39.00 -0.2
KKM 16.63 12 ePc 10 56.50 3.4X
0.8s 53.10nm 4.7mb X
MEEK 17.07 162 eP 10 48.00 -10.5X
KLM 17.45 319 eP 11 04.00 0.8
MTN 18.04 100 eP 11 09.00 -1.5
0.4s 417.00nm 5.9mb
eS 14 14.00
TNE 18.15 53 eP 11 13.00 1.1
IPM 18.97 321 ePc 11 21.90 -0.2
1.1s 317.40nm 5.5mb
MRWA 18.98 172 iPd 11 13.20 -8.9X
WARB 20.42 142 eP 11 33.00 -4.9X
BAL 20.45 171 eP 11 33.00 -5.2X
CTB 20.76 33 ePd 11 41.00 -0.5
PPR 20.83 16 iPd 11 42.00 -0.2
SNG 21.28 324 eP 11 43.00 -3.8X
1.0s 400.00nm 5.8mb
eS 15 44.00
DAV 21.45 37 ePc 11 48.10 -0.4
1.5s 666.67nm 5.8mb
eS 15 49.90
KLB 21.60 169 iPc 11 47.60 -2.3
MUN 21.73 172 eP 11 46.50 -4.7X
e 11 50.00
eS 15 50.00
COOL 21.81 161 iPd 11 37.20 -14.9X
CGP 22.08 33 ePc 11 55.00 0.2
BIP 22.75 36 eP 12 02.50 1.0
WB2 22.77 117 iPd 11 57.60 -4.1X
1.0s 585.00nm 6.0mb
i 12 01.90
epP 12 14.00 72kmX
eS 16 04.40
NWAO 22.81 171 ePc 11 59.10 -2.8
MAP 23.32 29 iPc 12 11.00 4.0X
ASPA 24.01 126 iPc 12 10.30 -3.4X
1.2s 917.40nm 6.2mb
Z 20s 109.30um 6.3Msz
eS 16 32.30
PLP 24.53 30 ePd 12 19.80 1.1
FORT 24.73 147 eP 12 16.50 -4.0X
PGP 25.02 19 ePd 12 24.00 0.5
GQP 25.91 22 ePc 12 33.00 1.3
QVP 26.09 18 eP 12 33.00 -0.5
NNT 26.28 330 eP 12 35.40 0.2
e 22 41.20
KBR 27.61 331 eP 13 00.00 12.7X
BAG 27.67 16 eP- 12 45.60 -2.5
e 17 18.00
YOMI 28.52 76 P 12 49.50 -6.2X
OKTD 28.56 82 e(P) 12 52.30 -3.8X
NST 28.79 334 eP 12 59.00 1.0
e 27 08.00
CVP 29.25 18 ePc 13 06.00 3.9X
1.0s 116.00nm 5.6mb
QIZ 29.36 354 eP 13 04.30 1.2
LOE 29.71 338 iPd 13 06.00 -0.3
i 25 56.00
i 27 14.00
BDT 30.67 333 eP 13 15.00 0.2
1.0s 503.70nm 6.3mb
WWKK 31.21 80 e(P) 13 16.40 -3.3X
CHTO 32.09 335 eP 13 27.55 0.3
epPc 13 35.50 28kmX
eS 18 34.90
HKC 32.49 2 iP 13 32.40 1.8
iS 18 51.00
CTA 33.55 111 iPc 13 38.00 -2.0
1.6s 416.67nm 6.1mb
i 13 51.00
i 13 59.00

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CTAO    33.55 111 eP     13 38.51  -1.5
ADE     33.97 140 eP+    13 40.40  -3.1X
TATO    36.11  13 (P)    14 00.66  -1.1
KMI     36.63 344 ePd    14 08.07   1.6
                  epPc   14 16.51  28kmX
KVG     38.43  81 e(P)   14 21.80   0.3
RAB     39.41  84 eP-    14 29.20  -0.5
PJG     39.66  54 eP     14 28.80  -2.9
GUMO    39.66  54 eP     14 29.45  -2.2
        0.8s   421.10nm           6.2mb
      Z  30s    33.20um         6.0MszX
                  ec     14 35.33
                  eS     20 34.10
GUA     39.67  54 eP     14 28.20  -3.6X
        0.7s   328.77nm           6.2mb
TOO     39.90 138 eP     14 32.40  -1.1
        1.0s   392.00nm           6.1mb
                  e      16 30.00
BWA     40.32 132 eP     14 36.70  -0.3
                  i      14 39.30
                  ipP    14 50.30  52kmX
                  i      15 03.40
                  e      16 14.60
ENH     40.53 355 (P)    14 38.98   0.4
ARMA    41.15 125 eP     14 44.00   0.0
        0.9s   129.00nm           5.7mb
                  i      15 17.50
CAN     41.16 133 eP     14 41.70  -2.2
                  i      14 44.70
                  i      15 06.40
                  i      16 34.90
SHL     41.16 331 iPd    14 44.00  -0.1
                  iS     21 56.00
CNB     41.42 133 eP     14 45.10  -0.9
        1.1s   158.00nm           5.7mb
                  e      16 48.00
                  e      16 59.00
                  e      23 39.00
SSE     41.98  11 eP     14 51.30   0.8
        1.5s   290.00nm           5.8mb
      Z  24s    56.90um         6.4MszX
      N  16s    14.90um
      E  16s    13.10um
                  ec     14 58.25
                  sP     15 09.00
                  PP     16 40.00
                  iS     21 08.00
                  sS     21 24.00
                  ScS    24 52.60
RIV     42.09 130 eP+    14 50.40  -1.1
                  ipP    15 04.20  52kmX
                  ePP    16 29.00
                  iPcP   16 58.30
                  eS     21 01.00
                  iScS   24 33.00
                  eLQ    26 38.00
GBA     42.48 303 Pd     14 53.40  -1.5
        0.8s   999.90nm           6.6mb
HYB     43.74 309 eP     15 04.00  -1.1
        1.0s   320.00nm           6.1mb
                  eS     21 36.00
TAU     44.15 143 iPd    15 09.20   1.1
                  i      15 30.20
                  e      17 12.00
                  eS     21 38.00
                  e      24 46.00
                  e      29 19.00
XAN     44.32 355 ePd    15 08.16  -1.4
                  epPc   15 16.61  28kmX
ODAN    44.52 327 P      15 11.15  -0.4
        0.9s  1151.00nm           6.8mb
TAPN    44.74 327 P      15 13.39   0.0
LSA     45.00 333 ePd    15 15.70   0.0
                  epPc   15 23.97  28kmX
RAMN    45.02 326 P      15 15.53  -0.1
        1.1s   935.00nm           6.6mb
JIRN    45.80 326 P      15 21.63  -0.3
        0.6s   432.00nm           6.5mb
PKI     46.17 325 P      15 23.93  -0.8
GUN     46.17 326 P      15 24.37  -0.4
        0.7s  1075.00nm           6.9mb
HNR     46.33  93 (P)    15 23.60  -2.3
DMN     46.36 325 P      15 25.63  -0.6
        0.8s  1128.00nm           6.9mb
KKN     46.41 325 P      15 25.89  -0.6
GKN     46.93 325 P      15 29.81  -0.8
LZH     46.98 350 ePd    15 30.63  -0.2
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                  epPc   15 38.74  27kmX
KOLN    47.35 324 P      15 32.89  -1.1
        0.6s   466.00nm           6.7mb
DANN    47.69 325 P      15 35.89  -0.9
        0.8s   892.00nm           6.9mb
PYUN    47.95 324 P      15 37.53  -1.2
        1.0s   795.00nm           6.7mb
POO     48.04 307 iPd    15 48.40   9.0X
        0.8s   179.10nm           6.2mb
SHK     48.43  22 eP     15 44.20   2.1
BOM     49.06 306 iPd    15 46.90  -0.2
                  eS     22 47.90
BJI     50.24   3 Pc     15 54.50  -1.3
        1.6s    84.00nm           5.5mb
      Z  22s    27.99um          6.2Msz
      N  20s    40.55um
                  epP    16 01.00  22kmX
                  eS     22 56.00
NDI     51.91 319 iPd    16 06.20  -2.5
NOUC    52.36 110 iPc    16 13.60   1.4
MAJO    52.39  26 eP     16 08.70  -3.5X
MAT     52.39  26 eP     16 09.00  -3.2X
        1.5s   138.89nm           5.7mb
                  eS     23 33.00
DZM     52.49 110 iPc    16 14.90   1.6
PAF     52.54 214 iP     16 24.00  10.8X
                  iS     23 39.00
BKM     54.04 104 iPd    16 26.50   1.8
CSY     55.88 181 eP     16 34.70  -2.6
        0.8s    65.80nm           5.7mb
                  epP    16 42.00  24kmX
                  iPP    17 38.70
VLA     55.98  17 iPc+   16 37.00  -1.4
        1.2s     2.00nm         4.0mb X
                  iPPP   19 50.00
                  iS     24 25.00
MDJ     56.77  14 ePd    16 41.90  -2.2
MCQ     57.09 150 eP     16 46.70   0.5
MSZ     58.16 137 eP     16 52.60  -1.3
WHZ     58.57 138 eP     16 55.30  -1.5
WMQ     58.59 339 ePd    16 56.11  -0.9
                  epPc   17 04.06  26kmX
DRV     59.15 168 iP     17 00.00  -0.5
                  ePPP   21 00.00
                  iS     25 03.00
                  iSS    28 36.00
                  iSSS   31 30.00
SAP     59.17  24 eP     16 59.00  -1.8
HIA     59.68   5 (P)    17 01.97  -2.4
LTZ     60.66 133 eP     17 07.40  -3.9X
THZ     60.89 132 eP     17 11.40  -1.5
ZAK     61.07 353 ePd    17 12.00  -1.7
        1.6s   363.00nm           6.3mb
                  eS     25 30.00
CIT     62.11   0 eP     17 21.80   1.0
                  e      25 57.00
SNZO    62.12 131 (P)    17 17.93  -3.2X
                  (S)    24 40.00
TLY     62.30 354 ePd    17 21.02  -1.1
                  epPc   17 28.97  26kmX
MNG     62.57 130 eP     17 22.80  -1.4
AAA     62.63 331 eP     17 22.00  -2.5
                  iS     25 54.00
IRK     62.82 354 eP     17 22.00  -3.5X
      Z  20s  3773.00um         8.6MszX
      E  16s    17.29um
                  e      17 30.20
                  e      17 39.00
                  e      18 08.00
                  e      19 42.50
                  eS     25 50.00
YSS     63.02  22 ePd-   17 24.00  -2.8X
        1.4s   340.00nm           6.3mb
      Z  22s    13.20um          6.1Msz
                  i      17 30.00
                  e      17 40.20
                  eS     25 53.00
                  eSSS   32 29.00
FRU     63.44 329 iP     17 29.00  -0.8
        2.0s    40.00nm           5.2mb
MAW     65.96 199 iPd    17 43.70  -2.0
        1.2s   323.50nm           6.3mb
BOD     67.98   1 eP     17 58.00  -0.5
        2.0s   557.00nm           6.3mb
MAIO    68.37 316 iPd-   18 00.40  -1.2
ASH     70.01 317 P      18 11.50   0.0
        1.5s   590.00nm           6.5mb
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      Z  23s    35.75um         6.6MszX
      N  23s    23.95um
      E  23s    19.71um
                  i      18 25.00
                  i      18 36.00
                  i      20 40.00
                  iPPP   22 30.00
                  S      27 21.00
                  i      27 41.00
                  iPS    27 50.00
DHR     71.00 302 ePc    18 16.50  -1.2
                  eS     27 22.00
YAK     73.34   8 iPc    18 29.00  -1.9
        1.8s  1248.00nm           6.6mb
      Z  18s    12.80um          6.2Msz
      N  18s    15.40um
      E  18s    18.80um
                  i      18 41.00
                  iS     27 56.00
                  i      28 28.00
                  isS    28 44.00
RYD     73.41 300 ePc    18 34.50   2.4
                  eS     27 50.00
KMSA    73.86 295 ePc    18 33.30  -1.5
DHJN    73.97 292 ePc    18 36.00   0.2
PET     74.20  27 eP-    18 36.00   0.0
        2.0s  1000.00nm           6.5mb
SYO     74.45 201 ePd    18 34.00  -3.3X
KMTA    74.68 292 eP     18 39.60  -0.3
MJMA    74.91 300 ePc    18 40.00  -0.9
NAI     76.09 271 eP     18 50.00   2.0
        1.0s  4724.00nm         7.5mb X
      Z  20s     5.14um          5.8Msz
AAE     76.23 282 eP     18 51.00   2.1
QASM    76.48 300 ePc    18 49.00  -0.8
KER     76.50 309 iPd    18 47.30  -2.5
BAK     76.94 316 iPd    19 04.00  12.1X
      Z  20s    35.70um          6.7Msz
      N  15s    13.10um
      E  20s    26.60um
                  iS     28 52.00
UQSK    77.39 299 ePc    18 55.00   0.1
TAIF    77.83 294 ePc    18 58.30   0.8
TAB     78.51 312 iP-    19 01.00   0.1
NWL     79.05 244 iPc    19 03.80  -0.3
        1.0s   140.00nm           5.9mb
SVE     79.51 334 iPd    19 05.50  -0.2
        1.8s   700.00nm           6.4mb
      Z  22s    22.00um          6.5Msz
      N  22s    12.00um
      E  22s    15.50um
                  eS     29 06.00
SPA     79.70 180 iPc    19 04.60  -2.2
        1.0s    74.00nm           5.7mb
      Z  22s    29.31um         6.6MszX
MAK     79.73 317 iPd-   19 07.60   0.5
        1.0s   330.00nm           6.3mb
      Z  17s    13.00um         6.3MszX
      N  17s     6.00um
      E  17s    12.00um
                  i      19 18.40
                  eS     29 07.90
                  i      29 39.70
ARU     80.17 333 ePd    19 08.51  -0.7
        1.5s   300.00nm           6.1mb
      Z  22s    18.00um          6.4Msz
      N  16s     2.00um
      E  20s    19.00um
                  epPc   19 16.54  26kmX
                  ec     19 18.28
                  e      22 09.00
                  eS     29 14.00
GNI     80.43 314 ePd    19 11.33   0.2
                  epPc   19 20.02  28kmX
                  ec     19 22.75
SLR     80.76 245 iPc    19 11.90  -1.4
        0.8s   186.00nm           6.2mb
      Z  18s    40.60um          6.8Msz
MTA     81.00 315 iP     19 14.00   0.1
        0.8s    60.00nm           5.7mb
      N  25s     3.50um
      E  25s     3.50um
                  e      22 16.00
                  ePPP   24 12.00
                  eS     29 25.00
                  ePS    30 08.00
                  ePPS   30 21.00
```

03d 21h

SEK 81.03 243 iPc 19 16.10 1.4
0.7s 111.00nm 6.0mb
GRO 81.04 317 iPc 19 15.00 0.9
1.5s 400.00nm 6.2mb
Z 20s 4.00um 5.8Msz
N 22s 13.00um
E 18s 16.00um
eS 29 22.00
GRM 81.34 238 iPc 19 19.00 3.0X
1.2s 280.00nm 6.2mb
Z 20s 21.30um 6.5Msz
NRIL 81.48 352 ePd 19 14.83 -1.0
epPc 19 22.78 25kmX
SMY 81.59 33 P 19 17.60 0.9
1.4s 332.95nm 6.2mb
KSR 81.98 245 iPd 19 19.20 -0.5
1.1s 220.00nm 6.1mb
BLF 82.18 242 eP 19 02.70 -17.9X
WAJH 82.50 298 ePc 19 22.66 0.6
HVD 82.58 240 eP 19 02.20 -20.5X
1.0s 70.00nm
FRS 82.85 241 eP 19 25.60 1.8
1.2s 50.00nm 5.5mb
BOSA 82.92 242 eP 19 24.50 0.3
e 22 20.20
PYA 83.06 317 iPc 19 24.50 -0.1
1.3s 300.00nm 6.3mb
Z 22s 9.60um 6.1Msz
N 22s 9.00um
E 22s 9.00um
eS 29 44.00
KIV 83.28 317 ePd 19 25.62 -0.3
epPc 19 33.65 25kmX
e 22 44.60
eS 29 49.60
CSTJ 83.73 303 Pd 19 29.80 1.4
HITJ 84.06 302 Pd 19 31.10 0.9
QTRJ 84.33 303 Pd 19 32.60 1.2
JRDJ 84.46 302 Pd 19 34.00 1.8
SHWJ 84.51 302 Pd 19 40.10 7.6X
JRSJ 84.70 302 Pd 19 31.00 -2.2
DHLJ 84.71 302 Pd 19 34.20 1.0
GAZ 85.02 309 iP 19 36.10 1.5
SOC 85.17 316 eP 19 34.00 -1.2
1.5s 200.00nm 6.1mb
Z 22s 8.90um 6.1Msz
N 21s 5.90um
E 20s 3.00um
e 22 54.00
e 29 46.00
BHL 85.32 306 P 19 36.00 -0.4
SKS 30 00.00
SUR 86.27 238 eP 19 42.72 1.4
ADK 86.32 36 ePd 19 39.70 -1.0
1.1s 81.60nm 5.9mb
epPc 19 47.39 24kmX
BNN 86.51 310 iP 19 44.60 2.4
FAM 86.93 306 eP 19 44.50 0.4
KVT 87.00 313 iP 19 45.00 0.6
ANN 87.23 316 iPd 19 45.00 -0.3
1.3s 200.00nm 6.2mb
eS 30 11.00
eSP 31 42.00
eSS 36 06.00
LFK 87.37 306 eP 19 47.00 0.7
CSS 87.45 306 eP 19 47.50 0.8
POF 87.53 241 iPd 19 48.00 0.8
1.0s 88.00nm 6.0mb
HLW 87.88 301 eP- 19 51.00 2.2
e 30 33.00
PPCY 88.22 306 eP 19 52.00 1.7
SIM 89.42 316 eP 19 57.00 1.2
Z 20s 10.00um 6.2Msz
e 30 46.00
MOS 90.34 327 iPd 20 01.00 1.2
2.0s 700.00nm 6.6mb
Z 20s 17.00um 6.5Msz
e 23 32.00
e 30 23.00
eS 30 53.00
ELL 90.57 307 eP 20 02.50 1.0
KSL 90.69 306 eP 20 02.00 0.1
OBN 90.70 326 ePd 20 01.00 -0.5
1.5s 448.00nm 6.5mb
Z 26s 25.20um 6.5MszX
N 22s 19.40um
E 26s 16.20um

epPc 20 09.28 26kmX
ec 20 11.26
e 30 28.00
iS 30 54.00
KHL 91.20 309 eP 20 03.50 -0.8
WIN 91.35 247 iPd 20 07.00 1.5
1.5s 210.00nm 6.3mb
Z 20s 26.60um 6.7Msz
HRT 91.62 311 iP 20 05.90 -0.2
ILT 91.63 21 iPd 20 05.00 -0.5
Z 16s 6.90um 6.2MszX
N 20s 4.30um
E 18s 5.30um
i 20 19.50
i 23 44.40
KCT 92.48 310 iP 20 10.80 0.7
BNT 92.83 310 eP 20 12.80 1.1
HON 92.88 69 P 20 20.00 7.8X
Z 21s 9.70um 6.2Msz
KGT 93.31 310 eP 20 14.00 0.2
KIS 93.45 317 iPd- 20 14.00 -0.3
Z 18s 10.60um 6.3Msz
N 17s 3.90um
E 18s 8.10um
i 24 03.00
i 30 48.00
CFR 93.59 315 eP 20 15.00 0.0
AFR 93.80 108 eP 20 18.60 2.1
1.0s 295.20nm 6.7mb
PRK 93.87 309 eP 20 17.00 0.5
PPT 93.98 109 eP 20 21.00 3.6X
1.4s 590.70nm 6.8mb
PPN 94.12 109 eP 20 18.60 0.6
1.1s 313.50nm 6.7mb
ALN 94.33 311 eP 20 17.64 -0.9
ISR 94.70 315 eP 20 24.00 3.8X
e 34 36.00
VRI 94.70 316 eP 20 20.00 -0.1
VAM 94.86 305 eP 20 26.00 4.9X
BUC 94.89 314 ePd 20 23.00 2.0
BUC1 94.92 314 eP 20 26.00 4.8X
LVZ 95.14 338 (P) 20 20.58 -1.2
e 38 09.60
PUL 95.15 330 ePd 20 23.00 1.2
1.8s 210.00nm 6.3mb
Z 23s 14.00um 6.4MszX
N 23s 3.90um
E 23s 8.70um
e 20 36.00
e 24 10.00
e 31 00.00
MLR 95.17 315 eP 20 22.00 -0.5
MNK 95.54 324 eP 20 24.00 0.2
Z 24s 22.60um 6.6MszX
N 24s 13.80um
E 24s 22.90um
e 31 00.00
ATH 95.64 307 eP 20 28.00 3.4X
CMP 95.77 315 ePc 20 30.00 4.9X
OUR 95.79 310 eP 20 23.56 -1.7
PAIG 95.96 309 eP 20 26.61 0.6
VLI 96.07 306 eP 20 25.00 -1.6
SRS 96.20 311 eP 20 25.08 -2.1
SOH 96.34 310 eP 20 26.40 -1.4
SDN 96.51 35 eP 20 26.00 -2.2
0.9s 60.10nm 6.1mb
KNT 96.72 311 eP 20 28.00 -1.5
AGG 96.87 308 eP 20 28.60 -1.6
LIT 96.89 309 eP 20 29.08 -1.2
VAY 96.99 311 iP 20 29.40 -1.3
1.3s 60.00nm 6.0mb
i 20 35.40
GRG 97.07 310 eP 20 30.76 -0.3
LVV 97.09 319 eP 20 32.00 1.1
e 24 23.00
GZR 97.37 315 iPd 20 40.00 7.6X
KAF 97.48 332 eP 20 31.40 -1.0
0.9s 51.00nm 6.1mb
SKO 97.91 311 eP 20 34.00 -0.8
NUR 98.07 330 eP 20 34.00 -1.0
0.9s 33.50nm 5.9mb
Z 18s 15.00um 6.5Msz
e 24 44.00
eS 31 27.00
e 33 50.00
LR 11 40.00
UZH 98.07 318 ePc+ 20 37.00 1.6

1.5s 64.00nm 5.9mb
i 20 49.60
e 31 58.00
e 33 22.00
KEV 98.22 339 (P) 20 34.91 -0.7
epPc 20 42.52 24kmX
LSK 98.33 309 eP 20 36.40 -0.5
IGT 98.47 309 eP 20 38.08 0.7
PHP 98.62 311 P 20 40.00 2.0
SRN 98.76 309 eP 20 29.90 -8.7X
KEK 98.90 309 eP 20 40.00 0.7
SPC 99.48 318 ePDIF 20 41.20 -0.8
iPP 24 55.00
TTA 99.64 28 eP 20 42.70 0.4
1.0s 2.60nm 4.7mb X
SVW 99.71 30 eP 20 45.30 2.7
0.7s 0.60nm 4.2mb X
BRW 99.85 19 eP 20 44.20 1.2
SRO 100.66 317 iPdiff20 47.50 0.4
ePP 24 54.50
IMA 100.79 24 ePdiff20 47.50 0.0
0.9s 1.60nm 4.6mb X
OKC 100.89 319 e(Pdif20 48.80 0.7
e 24 10.50
e 25 07.40
e 25 12.30
e 31 42.00
KDC 101.15 33 ePdiff20 52.60 3.6X
0.6s 6.30nm 5.3mb
ZST 101.49 317 ePdiff20 51.00 0.2
e 24 32.70
iPP 25 04.50
e 34 59.00
UPP 101.53 329 iPdiff20 53.70 3.0X
iPP 25 12.00
iSKS 31 26.00
iS 32 38.00
i 33 16.00
ZAG 102.14 315 ePdiff20 54.00 0.2
SLKM 102.34 30 Pdiff 20 55.30 0.9
PMR 102.84 29 ePdiff20 59.40 2.9X
0.3s 1.80nm 5.3mb
Z 21s 9.60um 6.3Msz
LJU 103.17 315 ePdiff20 59.00 0.6
ePP 25 07.00
e 25 27.60
e(SP) 25 34.50
eSKS 31 42.00
eSP 34 26.00
PRU 103.22 319 ePdiff20 59.00 0.5
1.9s 27.90nm 5.7mb
epP 21 09.90
e 21 16.40
e 25 08.60
e 25 18.70
HFS 103.50 329 ePdiff21 01.20 1.7
1.0s 34.40nm 6.1mb
Z 19s 12.28um 6.5Msz
LR 05 52.00
BRG 103.60 320 ePdiff21 04.80 4.6X
1.6s 22.00nm 5.7mb
e 21 19.80
iSKS 31 41.00
VOY 103.62 315 ePdiff21 04.00 3.5X
epP 21 14.50
e 24 53.50
e 25 07.70
ePP 25 16.20
TRI 103.70 315 e(Pdif21 04.00 3.3X
e(PP) 25 18.70
e(PPP)27 40.00
e 30 08.00
e(SKS)32 00.00
e(S) 32 56.00
e(SPP)35 24.00
e(SS) 39 56.00
e(SSS)44 04.00
e 45 08.00
GEC2 103.77 318 Pdiff 21 00.50 -0.6
1.2s 7.66nm 5.4mb
e 21 05.30
e 21 23.60
e 24 28.20
e 35 07.90
e 35 20.80
e 36 48.10
e 36 55.30

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                 e     38 40.80
                 e     38 49.00
KHC   103.85 318 ePdiff21 05.00   3.6X
   Z  22s     10.40um        6.3Msz
   N  20s      4.80um
   E  20s      2.60um
                 e     21 21.00
                 e     21 27.00
                 e     22 15.00
                 e     24 08.00
                 e     24 21.00
                 e     24 44.00
                 e     25 01.50
                 e     25 23.50
                 e     26 08.00
                 e     31 55.00
CLL   104.19 320 e(Pdif21 02.00  -0.8
   Z  17s      7.00um        6.3MszX
                 i     24 46.90
TOA   104.21  28 ePdiff21 04.70   2.0
    1.1s      16.80nm        5.8mb
KLU   104.38  29 Pdiff 21 03.40  -0.1
COP   104.38 325 ePdiff21 11.00   7.5X
   Z  18s      8.25um        6.3Msz
                 i     25 18.00
NB2   104.66 330 Pdiff 21 04.80   0.1
    1.0s       8.20nm        5.6mb
SFI   105.05 313 PKP   25 32.00  10.5X
MOX   105.09 320 ePdiff21 08.00   1.2
   Z  22s      7.50um        6.2Msz
                 ePP   25 45.00
                 eSKS  32 04.00
                 ePS   35 18.00
                 eSS   40 54.00
PGD   105.15 313 PKP   25 28.37   6.4X
    1.0s     159.20nm
GRF   105.38 319 Pdiffc21 08.20   0.1
   Z  23s     17.70um        6.5MszX
                 PPc   25 23.60
BDI   105.96 313 PKP   25 34.45  11.1X
    1.6s      30.20nm
BALM  106.15  29 Pdiff 21 11.50   0.1
VAI   107.19 315 PKP   25 29.53   4.0X
WTS   108.00 321 ePKP  25 44.00  17.2X
    1.2s      50.00nm
INK   108.20  21 ePdiff21 24.00   3.8X
INK   108.20  21 ePKP  25 30.50   3.8X
    1.1s      13.00nm
MBC   108.52  12 ePdiff21 26.00   4.5X
MBC   108.52  12 ePKP  25 33.00   5.8X
    1.5s      34.00nm
LPG   108.63 315 ePdiff21 36.30  13.2X
    0.9s       5.90nm
LPL   108.64 315 ePdiff21 36.80  13.8X
    1.2s      11.60nm
ENN   108.69 320 ePKP  25 33.00   4.8X
    1.0s      14.00nm
DAG   108.94 350 ePdiff21 23.00  -0.3
    1.0s      15.00nm        6.2mb
CDR   109.46 313 ePKPd 25 48.40  18.5X
SNF   109.75 320 ePKP  25 35.70   5.5X
SIT   110.44  33 PKP   25 40.00   8.7X
   Z  21s      3.83um        6.0Msz
RES   113.80   8 ePdiff21 51.00   6.0X
RES   113.80   8 ePKP  25 40.50   3.2X
    0.8s       8.00nm
DLF   115.66 325 ePKP  25 44.40   3.0X
EVIA  116.20 308 ePKP  25 46.36   3.3X
GUD   117.15 310 ePKP  25 46.22   1.3
    1.3s       0.08nm
ECOG  117.22 307 ePKP  25 48.34   3.2X
EGUA  117.28 306 ePKP  25 47.72   2.6X
ERON  117.45 306 ePKP  25 46.54   1.0
PAB   117.49 309 ePdiff22 08.00   5.6X
                 iP'P' 25 49.00
                 iPP   27 03.00
ELOJ  117.70 307 ePKP  25 48.31   2.3X
ELUQ  117.73 307 ePKP  25 48.68   2.7X
KIC   118.24 272 PKP   25 49.28   1.7
    1.0s      37.50nm
LIC   118.51 271 PKP   25 49.64   1.6
    1.0s      43.50nm
   Z  20s     16.50um        6.7Msz
TIC   118.56 272 PKP   25 49.56   1.4
    0.9s      40.50nm
EPLA  118.71 310 ePKP  25 51.68   4.0X
IFR   118.97 303 iPKP  25 54.50   5.9X
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MVO   119.19 311 ePKP  25 52.70   4.0X
STW   119.72  40 PKP   25 52.83   3.5X
MTE   119.73 311 ePKP  25 53.50   3.8X
MCW   120.07  39 PKP   25 50.30   0.3
PTO   120.35 312 ePdiff22 25.60  10.7X
GMW   120.48  40 PKP   25 51.40   0.6
GDH   120.52 354 ePdiff22 20.00   5.0X
                 e     25 46.00
                 i     27 30.00
                 i     38 18.00
BMW   120.54  42 PKP   25 52.43   1.4
FIG   120.61 307 e(PKP)25 58.00   6.6X
MOE   120.74 309 ePKP  25 52.00   0.4
JCW   120.80  40 PKP   25 52.96   1.5
AVE   120.89 303 iPKP  25 52.00   0.0
RNO   120.97  45 PKP   25 54.43   2.5X
TIO   121.07 300 iPKP  25 55.00   2.4X
SHW   121.29  42 PKP   25 52.80   0.2
LON   121.38  41 PKP   25 54.93   2.3X
FMW   121.41  41 PKP   25 53.78   0.9
ARC   121.55  48 ePKP  25 50.42  -2.6X
   Z  19s      5.00um        6.2Msz
                 ePPc  27 20.42
                 eSP   36 50.42
                 ePS   37 15.42
                 eSS   44 28.42
                 eLQ   57 30.42
                 eLR   04 16.42
SSOR  121.57  43 PKP   25 55.57   2.5X
KMPM  121.63  49 PKP   25 53.80   0.5
ASR   121.72  42 PKP   25 54.52   1.1
VBEM  122.09  43 PKP   25 55.15   1.0
EBG   122.12  41 PKP   25 55.26   1.2
WTV   122.22  40 PKP   25 56.05   1.9
YBH   122.31  47 ePdiff22 29.62   5.8X
YBH   122.31  47 ePKP  25 53.62  -1.0
   Z  21s      8.00um        6.3Msz
                 e     25 54.66
                 ePP   27 18.62
                 eSKKS 34 43.62
                 eSP   37 22.62
                 ePS   37 26.62
                 eSS   44 17.62
                 i     48 17.62
                 ic    52 32.62
                 iLQ   57 51.62
                 eLR   04 09.62
VGB   122.47  42 PKP   25 55.10   0.4
CROR  122.51  43 PKP   25 56.08   1.2
SAW   122.56  39 PKP   25 55.47   0.7
WDC   122.75  48 ePdiff22 42.11  16.4X
WDC   122.75  48 ePKP  25 54.80  -0.5
   Z  22s      6.00um        6.2Msz
                 ePPc  27 27.11
                 eSKKS 34 46.11
                 eSP   37 19.11
                 ePS   37 29.11
                 eSS   44 10.11
                 i     46 07.11
                 i     48 14.11
                 e     51 53.11
                 iLQ   58 00.11
                 iLR   04 47.11
VIPM  122.92  43 PKP   25 57.04   1.3
LBFM  123.01  47 PKP   25 55.70  -0.4
NTYM  123.22  51 PKP   25 56.60   0.3
DPW   123.24  39 PKP   25 56.00  -0.1
BKS   123.67  51 ePdiff22 38.37   8.5X
BKS   123.67  51 ePKP  25 43.37 -13.9X
   Z  21s      7.00um        6.3Msz
                 iPPc  27 33.37
                 ePS   37 24.37
                 eSP   37 31.37
                 eSS   44 33.37
                 iLQ   58 13.37
                 iLR   05 06.37
NEW   123.74  38 PKP   25 56.80  -0.3
   Z  19s      7.91um        6.4Msz
ORV   123.80  49 ePKP  25 55.36  -2.1X
   Z  21s      5.00um        6.2Msz
                 iPPc  27 34.36
                 eSKKS 34 49.36
                 eSP   37 47.36
                 ePS   37 48.36
                 ePKKS 39 46.36
                 eSS   44 31.36
                 i     47 12.36
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                 iLQ   58 27.36
                 eLR   05 09.36
LNOR  123.97  41 PKP   25 58.31   0.6
COE   124.25  52 PKP   25 59.00   0.6
MHC   124.26  52 ePKP  25 59.84   1.2
   Z  19s      8.00um        6.4Msz
                 iPPc  27 38.20
                 eSP   37 36.20
                 ePS   37 46.20
                 iSS   44 44.19
                 eLQ   58 35.19
                 eLR   05 14.19
ARN   124.34  52 PKP   25 59.00   0.4
SAO   124.55  52 PKP   26 10.00  11.0X
   Z  18s      9.48um        6.5Msz
CMB   125.04  51 ePdiff22 42.31   6.2X
CMB   125.04  51 ePKPd 25 58.31  -1.6
   Z  21s      7.00um        6.3Msz
                 iPPc  27 43.31
                 iSKKS 34 48.31
                 eSP   37 52.31
                 ePS   37 54.31
                 ePKKS 39 48.31
                 iSS   44 51.31
                 i     47 10.31
                 e     52 38.31
                 iLQ   58 45.31
                 iLR   05 53.31
PHAM  125.60  53 PKP   26 03.90   2.8X
BCH   126.00  54 PKP   26 02.30   0.3
KDS   126.23 278 ePKP  26 03.50   0.7
KVN   126.47  49 PKP   26 03.10   0.2
MRCM  126.57  51 PKP   26 03.50   0.3
MTUM  126.62  51 PKP   26 03.80   0.5
BONR  126.65  50 PKP   26 04.20   0.8
FRB   126.69   1 ePKP  26 05.50   3.3X
    0.9s      16.00nm
ABL   126.77  54 PKP   26 03.90   0.2
ISA   127.15  53 PKP   26 04.60   0.4
   Z  19s      8.73um        6.5Msz
TNP   127.42  50 PKP   26 04.80   0.0
SSK   128.15  55 PKP   26 07.00   0.8
CSP   128.40  54 PKP   26 06.70   0.1
TPNV  128.51  51 PKP   26 05.80  -1.0
GSC   128.56  53 PKP   26 06.40  -0.5
PEC   128.66  55 PKP   26 07.50   0.5
HHAI  128.88  42 PKP   26 08.40   1.1
PLM   129.04  55 PKP   26 08.40   0.4
PTI   129.07  42 PKP   26 08.70   1.0
HVU   129.26  44 PKP   26 07.50  -0.6
DUG   129.88  46 PKP   26 09.80   0.5
   Z  21s      7.01um        6.3Msz
ARUT  130.34  49 PKP   26 11.30   1.0
GLA   130.76  55 PKP   26 10.50  -0.6
MBO   130.92 280 ePKP  26 13.40   1.7
BW06  130.96  41 PKP   26 10.70  -0.7
MSU   130.99  47 PKP   26 11.00  -0.6
SRU   131.94  46 PKP   26 11.70  -1.6
PV09  133.18  46 PKP   26 16.10   0.3
PV10  133.30  46 PKP   26 16.70   0.7
PV08  133.49  46 PKP   26 16.30  -0.2
RSSD  133.66  37 PKP   26 07.10  -9.4X
ULM   133.69  25 ePKP  26 21.50   5.5X
TUC   134.24  55 PKP   26 19.50   1.8
   Z  20s      8.77um        6.5Msz
GOL   135.21  43 ePKP  26 18.76  -0.8
GLD   135.29  43 PKP   26 20.40   0.8
   Z  19s      7.72um        6.4Msz
JAQ   136.13   7 ePKP  26 15.00  -5.5X
ALQ   136.63  49 PKP   26 12.90  -9.5X
   Z  20s      8.40um        6.5Msz
UFRS  136.97 200 (PKP) 26 16.00  -6.9X
ACO   140.96  43 iPKPc 26 24.00  -6.0X
LTX   141.00  56 PKP   26 21.90  -8.5X
VAO   141.42 211 ePKP  26 34.00   2.7X
WMOK  142.28  45 PKP   26 27.60  -4.8X
   Z  18s     14.63um        6.8Msz
MEO   142.39  45 iPKPd 26 28.50  -4.1X
OCO   142.74  43 iPKPd 26 32.60  -0.5
SIO   143.38  42 iPKPd 26 31.20  -3.0X
TUL   143.62  41 iPKPd 26 31.90  -2.7X
VVO   144.00  42 iPKPc 26 33.20  -2.1X
GAC   144.06  10 ePKP  26 32.50  -2.5X
AGX   144.39  67 (PKP) 26 37.50   1.2
LMN   144.58 357 ePKP  26 34.00  -1.9
    1.0s     107.00nm
                 pP    26 52.00
```

03d 21h

XIN 144.85 237 ePKP 26 34.50 -2.8X
CCM 144.94 34 ePKPd 26 34.94 -1.8
TYS 144.97 33 PKP 26 35.10 -1.7
ACTO 145.02 17 PKP 26 35.95 -0.8
ELF 145.03 18 PKP 26 35.70 -1.1
SLM 145.06 32 PKP 26 50.00 13.1X
Z 19s 6.14um 6.4Msz
WLVO 145.16 14 PKP 26 36.30 -0.6
LDN 145.21 18 PKP 26 36.45 -0.6
DLA 145.25 19 PKP 26 36.90 -0.2
FVM 145.44 33 PKP 26 36.60 -1.0
Z 19s 12.62um 6.7Msz
TYNO 145.54 17 PKP 26 37.55 -0.1
STCO 145.63 16 PKP 26 37.75 0.0
MRX 145.86 70 (PKP) 26 40.50 1.7
MIAR 145.88 41 PKP 26 38.50 0.0
Z 20s 8.99um 6.5Msz
LBNH 145.99 6 PKP 26 39.40 1.0
Z 21s 7.68um 6.5Msz
DON 146.29 34 PKP 26 38.00 -1.1
YSNY 146.48 15 ePKPd 26 39.64 0.4
Z 21s 15.09um 6.8Msz
LST 146.87 35 PKP 26 41.00 1.0
MFTN 147.32 35 PKP 26 44.60 3.9X
BINY 147.34 12 ePKP 26 40.91 0.3
Z 21s 12.36um 6.7Msz
III 147.70 72 (PKP) 26 43.00 0.9
HRV 147.74 6 PKP 26 50.00 8.8X
Z 20s 8.05um 6.5Msz
HRV 147.74 6 ePKPd 26 42.73 1.5
UNM 147.79 70 (PKP) 26 45.00 2.7X
BAO 147.98 217 ePKP 26 42.20 -0.3
i 26 48.50
LSCT 148.35 9 PKP 26 42.50 0.3
Z 19s 12.12um 6.7Msz
PPM 148.36 70 (PKP) 26 47.50 4.0X
CRNY 148.65 9 PKP 26 43.60 0.9
MCWV 148.70 19 (PKP) 26 44.59 1.7
Z 20s 13.50um 6.7Msz
TBR 148.71 10 PKP 26 44.10 1.3
WCC 148.87 10 PKP 26 44.40 1.4
GMTN 148.97 10 iPKP 26 47.80 4.6X
IISM 149.53 70 (PKP) 26 50.00 5.4X
NAV 150.46 22 PKP 26 45.90 0.2
OXX 150.49 74 (PKP) 26 52.00 5.6X
CVL 150.67 19 PKP 26 47.00 1.1
BLA 150.69 22 PKP 26 46.10 0.1
MYNC 150.92 30 PKP 27 00.00 13.6X
Z 21s 12.10um 6.7Msz
CEH 152.35 21 PKP 26 49.20 0.8
Z 21s 9.04um 6.5Msz
PRM 152.56 28 PKP 26 49.40 0.6
JSC 152.90 26 PKP 26 48.50 -0.7
LHS 152.92 25 PKP 26 49.10 -0.2
ARE 153.00 171 ePKP 26 59.00 8.8X
SIV 153.14 193 PKP 26 50.10 0.0
LPB 153.26 178 PKP 26 55.00 4.2X
i 27 01.20
i 41 06.00
e 44 51.00
LR 56 38.00
LPAZ 153.50 178 ePKP 26 49.93 -1.4
i 41 04.00
i 44 48.80
SGS 154.15 26 PKP 26 51.90 0.9
HBF 154.43 27 PKP 26 51.50 0.1
NNA 155.78 156 ePKP 26 54.21 0.4
PSO 166.36 131 ePKP 27 07.00 1.7
BOG 171.05 129 iPKP 27 10.00 1.9
SJG 172.24 353 ePKP 27 08.24 0.2
FDF 172.74 307 ePKP 27 10.10 1.8
BMG 173.26 119 ePKP 27 08.00 -0.7
S.D. = 1.2 on 332 of 460 obs.

? JUN 03, 1994 21h 16m 54.14± 1.86s
43.197 N ±13.2km 18.868 E ±12.2km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.8 (TTG).

BRY 0.38 219 iPgd 17 01.98 0.0
iSg 17 08.08
NKY 0.40 166 iPgc 17 02.40 0.1
iSg 17 08.39
PLE 0.41 71 iPgd 17 02.51 0.0
iSg 17 08.49
TTG 0.82 159 iPgc 17 09.86 -0.1
iSg 17 22.04
S.D. = 0.2 on 4 of 4 obs.

JUN 03, 1994 21h 19m 50.12± 0.39s
10.548 S ± 6.1km 112.873 E ± 9.7km
DEPTH = 33.0km (normal)
5.3mb (15 obs.)
SOUTH OF JAWA, INDONESIA (282)

MBL 12.49 148 eP 22 38.00 -10.5X
KGM 15.69 322 ePd 23 36.00 5.5X
KKM 16.82 12 eP 23 44.50 -0.4
e 25 20.00
MEEK 16.90 162 eP 23 39.00 -6.8X
IPM 19.11 321 ePc 24 12.50 -0.6
0.9s 60.10nm 4.8mb
e 25 29.80
WARB 20.28 142 eP 24 23.00 -2.9X
PPR 21.02 16 iPc 24 33.50 0.1
KLB 21.42 169 eP 24 38.00 0.5
MUN 21.55 172 eP 24 41.00 2.3
DAV 21.61 36 eP 24 41.00 1.6
COOL 21.64 160 iPd 24 40.20 0.4
WB2 22.71 117 eP 24 49.70 -0.7
0.4s 34.70nm 5.2mb
ipP 25 02.80 54kmX
ASPA 23.92 126 iPd 25 02.30 0.1
1.2s 61.10nm 5.0mb
FORT 24.58 147 eP 25 07.30 -1.2
PLP 24.70 30 ePd 25 09.80 0.1
NNT 26.43 330 eP 25 27.20 1.3
BAG 27.85 16 ePc 25 39.00 -0.1
BDT 30.83 333 eP 26 05.00 -0.5
1.0s 269.10nm 6.0mb
e 27 24.00
KMI 36.81 345 ePc 26 59.60 2.4
1.2s 70.00nm 5.4mb
pP 27 12.00 46kmX
ARMA 41.06 125 eP 27 51.70 19.2X
0.9s 63.00nm
e 28 03.20
SSE 42.17 11 Pc 27 44.00 2.7
1.0s 12.00nm 4.6mb
sP 27 56.00
GBA 42.57 304 P 27 43.80 -1.0
0.7s 14.00nm 4.8mb
HYB 43.84 309 eP 27 54.20 -1.0
LZH 47.16 350 Pc 28 22.50 0.9
2.0s 113.00nm 5.5mb
pP 28 31.00 28kmX
sP 28 34.50
TKSJ 48.64 24 P 28 32.00 -1.0
WKYJ 49.47 25 P 28 38.30 -1.1
YONJ 49.49 22 P 28 38.40 -1.1
BJI 50.42 3 eP 28 47.50 1.1
1.6s 34.00nm 5.1mb
MAT 52.56 26 eP 29 00.00 -2.8
0.5s 7.04nm 4.9mb
CSY 55.69 181 eP 29 23.40 -1.8
0.7s 7.10nm 4.8mb
MAIO 68.49 316 eP 30 50.00 -1.6
SLR 80.67 246 eP 32 02.00 0.0
0.8s 146.00nm 6.0mb
i 33 18.50
BUL 81.10 251 iPc 32 13.40 9.1X
1.0s 109.50nm 5.8mb
i 33 30.30
KSR 81.89 245 iPc 32 08.50 0.1
0.8s 140.00nm 6.0mb
i 32 56.70
BLF 82.08 242 eP 32 06.00 -3.3X
0.8s 66.00nm 5.7mb
i 33 27.60
HVD 82.48 240 eP 32 28.20 16.9X
1.2s 70.00nm
i 33 10.50
BOSA 82.82 242 eP 32 13.60 0.7
i 33 30.90
BHL 85.42 306 P 32 44.00 18.0X
SUR 86.16 238 eP 32 46.00 16.1X
1.0s 320.00nm
WIN 91.26 247 iPd 33 09.00 14.7X
1.0s 144.00nm
i 34 13.50
LMN 144.76 357 ePKP 39 25.00 -0.4
0.8s 4.00nm
pP 39 39.00
ELF 145.21 18 PKP 39 26.10 -0.1
LDN 145.39 18 PKP 39 26.90 0.4
DLA 145.43 19 PKP 39 27.20 0.6
BAO 147.82 216 PKPc 39 34.00 2.6X
CCH 152.23 182 PKPc 39 47.00 8.7X
SIV 152.96 193 PKP 39 46.60 7.6X
S.D. = 1.3 on 33 of 47 obs.

JUN 03, 1994 21h 21m 09.54± 0.19s
10.416 S ± 4.6km 112.897 E ± 4.7km
DEPTH = 43.5km (14 depth phases)
5.9mb (46 obs.)
SOUTH OF JAWA, INDONESIA (282)

TSM 15.43 19 ePd 24 48.80 2.8
MEEK 17.02 162 eP 24 56.00 -10.1X
KLM 17.49 320 eP 25 16.00 4.0X
TNE 18.18 53 eP 25 20.00 -0.5
BAL 20.40 171 iPd 25 39.00 -6.6X
CTB 20.81 33 ePd 25 51.00 1.2
PPR 20.88 16 iPc 25 40.00 -10.6X
1.0s 235.00nm
SNG 21.33 325 eP 25 54.00 -1.1
1.4s 325.58nm 5.5mb
DAV 21.49 36 ePc 25 53.00 -3.7X
eS 29 52.20
CGP 22.12 32 eP 26 03.00 0.0
WB2 22.74 117 eP 26 06.60 -2.6
0.7s 156.10nm 5.6mb
ipP 26 20.80 60kmX
eS 30 07.20
NWAO 22.76 171 iPc 26 04.50 -4.7X
BIP 22.79 36 eP 26 10.00 0.3
1.0s 31.00nm 4.7mb X
MAP 23.37 28 ePc 26 16.00 0.8
ASPA 23.97 126 eP 26 19.10 -2.0
1.0s 277.20nm 5.7mb
i 26 23.20 15kmX
iS 30 36.80
PLP 24.57 30 ePc 26 27.00 0.1
FORT 24.68 147 eP 26 24.50 -3.3X
0.6s 141.00nm 5.7mb
GQP 25.95 22 eP 26 22.00 -17.9X
NNT 26.33 330 iPc 26 45.20 1.8
KBR 27.66 331 eP 27 09.50 14.0X
BAG 27.72 16 eP 26 56.30 0.1
CVP 29.30 18 eP 27 09.00 -1.3
CHTO 32.14 335 iPd 27 36.20 0.8
HKC 32.54 2 iP 27 39.50 0.8
CTA 33.53 111 iPc 27 46.50 -1.0
KMI 36.68 344 P+ 28 17.00 2.5
1.2s 300.00nm 6.1mb
pP 28 28.50 41km
KVG 38.43 81 eP 28 39.80 10.7X
GUMO 39.69 54 eP 28 38.00 -1.5
1.0s 268.00nm 6.0mb
e 28 43.20 18kmX
e 28 50.70
PJG 39.69 54 eP 28 38.10 -1.4
GUA 39.70 54 eP 28 38.40 -1.2
0.8s 388.06nm 6.3mb
TOO 39.86 138 eP 28 40.00 -0.8
1.1s 182.00nm 5.8mb
BWA 40.28 132 eP 28 43.90 -0.4
e 28 56.70 48km
CAN 41.12 133 eP 28 51.10 0.0
e 29 02.20 39km
SHL 41.21 331 iP 28 52.50 0.4
iS 35 02.00
CNB 41.38 133 eP 28 52.20 -1.1
1.1s 148.00nm 5.6mb
SSE 42.03 11 Pd 29 00.50 2.0
RIV 42.05 130 eP 28 59.00 0.3
epP 29 10.80 43km
i 30 47.80
GBA 42.52 303 P 29 02.00 -0.7
HYB 43.78 309 eP 29 11.50 -1.5
TAU 44.11 143 eP 29 14.00 -1.3
ODAN 44.57 327 P 29 18.77 -0.8
0.9s 330.00nm 6.2mb
TAPN 44.79 327 P 29 21.01 -0.4
1.1s 750.00nm 6.5mb
KAGJ 44.82 22 eP 29 19.60 -1.6
RAMN 45.07 326 P 29 23.17 -0.4
1.2s 547.00nm 6.3mb
JIRN 45.85 326 P 29 28.93 -1.0
0.8s 461.00nm 6.5mb

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KUMJ   46.02  21 eP     29 30.00  -0.6
PKI    46.21 325 P      29 31.31  -1.4
       1.0s   248.00nm        6.1mb
GUN    46.22 326 P      29 31.89  -0.9
       0.8s   508.00nm        6.5mb
DMN    46.41 325 P      29 32.75  -1.4
       1.0s   806.00nm        6.6mb
KKN    46.45 325 P      29 33.31  -1.2
       1.0s   631.00nm        6.5mb
GKN    46.98 325 P      29 37.16  -1.4
       1.1s   537.00nm        6.4mb
LZH    47.03 350 Pd     29 39.50   0.6
       1.5s   225.00nm        5.9mb
                 pP     29 49.00  32kmX
                 sP     29 53.00
KOLN   47.39 324 P      29 40.39  -1.5
       0.9s   399.00nm        6.4mb
SHNJ   47.55  21 eP     29 43.50   0.7
DANN   47.74 325 P      29 43.47  -1.3
       0.9s   524.00nm        6.6mb
PYUN   48.00 324 P      29 45.15  -1.5
TKSJ   48.51  24 P      29 49.60  -0.6
BOM    49.10 306 eP     29 55.70   0.8
WKYJ   49.35  25 P      29 56.10  -0.6
YONJ   49.35  22 eP     29 54.70  -2.0
BJI    50.29   3 eP     30 06.50   2.8
       1.1s    66.00nm        5.6mb
     N 17s     11.88um
TSRJ   50.64  24 eP     30 04.80  -1.7
NDI    51.95 319 iPd    30 14.80  -1.8
MTMJ   52.30  25 eP     30 17.10  -2.1
NOUC   52.33 110 iPc    30 32.00  12.4X
CHJJ   52.36  27 P      30 17.40  -2.1
MAT    52.43  26 eP     30 17.00  -3.1X
       0.8s    37.31nm        5.4mb
DZM    52.46 110 iPc    30 33.50  12.8X
NIIJ   53.36  26 eP     30 24.10  -2.8
YAMJ   54.59  26 eP     30 34.80  -1.1
CSY    55.82 181 eP     30 40.70  -3.7X
       0.8s    28.50nm        5.4mb
                 epP    30 53.40  45km
VLA    56.03  17 iPc    30 48.00   1.7
       1.4s   476.00nm        6.3mb
                 i      30 59.00  37km
                 i      31 40.00
OFUJ   56.06  27 eP     30 45.20  -1.3
AOMJ   56.73  25 eP     30 50.60  -0.7
MCQ    57.04 150 eP     30 57.30   4.0X
MRRJ   58.58  24 eP     31 02.80  -1.4
HOOJ   59.46  26 P      31 10.10  -0.3
ASAJ   60.62  24 eP     31 17.30  -1.0
KUSJ   60.66  26 eP     31 17.20  -1.3
ZAK    61.12 353 eP     31 21.00  -0.5
       1.4s   170.00nm        6.0mb
MRW    62.07 131 P      31 25.00  -3.2X
                 e      31 37.00  41km
CIT    62.16   0 eP     31 30.00   1.4
IRK    62.87 354 eP     31 31.50  -1.8
       1.6s    23.00nm        5.1mb
                 e      31 43.50  41km
FRU    63.49 329 iP     31 38.00   0.4
SVA    63.73 105 eP     31 24.90 -14.6X
VUN    63.74 105 eP     31 24.00 -15.6X
MAW    65.92 199 iPc    31 50.40  -2.5
       1.0s   105.00nm        5.8mb
BOD    68.03   1 eP     32 03.60  -2.7
       1.3s   134.00nm        5.8mb
ASH    70.06 317 iP     32 20.00   0.8
SKR    71.47  27 eP     32 27.00  -0.5
       1.0s   120.00nm        5.8mb
                 e      32 39.50  43km
                 e      32 45.00
YAK    73.39   8 iPd    32 37.80  -0.8
       1.8s  1004.00nm        6.5mb
                 i      32 57.00  71kmX
                 e      35 27.00
                 ePPP   37 07.00
                 iS     42 03.00
PET    74.24  27 eP     32 44.00   0.3
SYO    74.40 201 ePc    32 40.50  -3.9X
KER    76.53 309 iPd    32 56.00  -1.4
TAB    78.55 312 iPd    33 08.80   0.3
NWL    79.03 244 eP     33 10.30  -1.0
       1.3s    60.00nm        5.4mb
SPA    79.65 180 iPd    33 11.80  -2.1
       1.0s    35.00nm        5.3mb
ARU    80.22 333 iPd    33 17.50   0.7
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                 e      33 30.00  42km
SEK    81.01 243 iPc    33 20.90  -1.0
       0.7s    55.00nm        5.6mb
MTA    81.04 315 iPd    33 22.60   1.1
       0.8s   150.00nm        6.0mb
GRO    81.08 317 iP     33 23.50   1.8
     Z 16s     13.50um        6.4MszX
     N 20s     17.50um
     E 18s     15.00um
                 iS     43 29.00
GRM    81.32 238 iPd    33 23.60   0.3
       1.0s   240.00nm        6.1mb
                 i      33 37.00  46km
PYA    83.10 317 iP     33 32.00  -0.2
                 i      33 46.00  48km
KIV    83.32 317 iPd    33 33.50   0.1
     Z 20s     11.00um        6.2Msz
                 e      36 46.70
GAZ    85.05 309 iP     33 43.30   1.2
BNN    86.55 310 iP     33 50.60   0.9
FAM    86.96 306 eP     33 52.50   0.9
KVT    87.04 313 iP     33 52.50   0.6
ANN    87.27 316 eP     33 51.00  -1.8
       1.0s    50.00nm        5.7mb
CER    87.33 237 iPd    33 34.50 -19.1X
       1.2s   100.00nm
LFK    87.41 306 eP     33 54.50   0.7
CSS    87.49 306 eP     33 55.00   0.8
POF    87.51 241 iPc    33 55.00   0.6
       1.0s    52.00nm        5.7mb
                 i      34 10.00  52km
PPCY   88.25 306 eP     33 59.50   1.7
OBN    90.75 326 iPd    34 09.50   0.5
       1.3s   332.00nm        6.6mb
     Z 18s      8.10um        6.2Msz
     N 16s      3.40um
     E 18s      5.40um
                 i      44 39.00
                 eS     45 03.00
HRT    91.66 311 iP     34 14.90   1.3
ILT    91.68  21 iPc    34 12.20  -0.9
       1.4s    48.00nm        5.7mb
                 i      34 25.60  45km
EDC    92.91 310 eP     34 20.00   0.7
CFR    93.63 315 eP     34 22.50   0.0
ALN    94.37 311 eP     34 25.32  -0.7
VRI    94.74 316 eP     34 28.00   0.3
                 e      38 01.50
PUL    95.20 330 (P)    34 30.00   0.6
MLR    95.22 315 eP     34 30.00   0.0
                 e      38 04.50
PAIG   96.00 309 iP     34 32.85  -0.7
SRS    96.24 311 eP     34 33.64  -1.0
SOH    96.37 310 eP     34 33.48  -1.8
SDN    96.55  35 eP     34 35.45  -0.2
       0.8s    81.08nm        6.3mb
     Z 20s      1.59um        5.5Msz
KNT    96.76 311 iP     34 36.14  -0.9
AGG    96.90 308 eP     34 36.32  -1.4
LIT    96.93 309 iP     34 36.85  -0.9
VAY    97.03 311 eP     34 37.60  -0.6
GRG    97.11 310 eP     34 37.85  -0.7
KAF    97.53 332 iP     34 40.20   0.3
       1.1s    43.80nm        5.9mb
NUR    98.12 330 iP     34 42.30  -0.3
       1.1s    29.20nm        5.7mb
TTA    99.69  28 eP     34 50.61   0.8
       1.1s     7.15nm        5.1mb
SVW    99.75  30 (P)    34 51.05   0.9
       0.8s    11.11nm        5.4mb
IMA   100.83  24 ePdiff34 53.80  -1.2
       0.9s     1.90nm        4.7mb X
ZST   101.53 317 ePdiff34 59.00   0.6
HFS   103.55 329 ePdiff35 06.80  -0.2
       1.1s    25.30nm        5.9mb
BRG   103.65 320 ePdiff35 16.30   8.6X
                 e      38 53.00
BALM  106.19  29 ePdiff35 18.70  -0.3
INK   108.24  21 ePKP   39 33.50  -0.5
       1.1s     5.00nm
BSF   108.46 317 ePKP   39 34.00  -1.3
       1.0s     7.80nm
HAU   108.74 317 ePKP   39 34.40  -1.3
       1.0s    12.20nm
SIT   110.48  33 PKP    39 50.00  11.4X
     Z 20s      4.29um        6.0Msz
LOR   110.49 317 ePKP   39 38.10  -0.9
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       1.1s    12.95nm
SSF   110.76 316 ePKP   39 38.80  -0.7
       1.1s    18.30nm
BGF   111.27 316 ePKP   39 39.90  -0.6
       1.0s    18.20nm
RES   113.86   8 ePKP   39 44.50  -0.1
       0.9s     4.00nm
PAB   117.52 309 iPKPd  39 52.70  -0.1
YKA   117.88  23 ePdiff36 12.30   1.5
       0.9s     2.40nm
KIC   118.25 272 Pdiff  36 08.52  -5.0X
       1.2s    30.50nm
KIC   118.25 272 PKP    39 51.15  -3.6X
       0.9s    23.00nm
LIC   118.51 271 Pdiff  36 09.18  -5.5X
       0.9s    15.00nm
LIC   118.51 271 PKP    39 51.53  -3.7X
       0.9s    29.50nm
TIC   118.57 272 Pdiff  36 08.68  -6.3X
       0.9s    10.50nm
TIC   118.57 272 PKP    39 51.65  -3.7X
       1.0s    33.50nm
MCW   120.11  39 ePKP   39 58.29   0.9
                 epPKP  40 12.00
GMW   120.52  41 ePKP   39 59.15   1.0
                 epPKP  40 12.85
BMW   120.58  42 ePKP   39 59.13   0.8
                 epPKP  40 12.40
RMW   121.18  40 ePdiff36 27.26   1.3
SHW   121.32  42 ePKP   40 01.32   1.5
LON   121.42  41 ePKP   40 00.43   0.5
                 epPKP  40 13.81
KMPM  121.66  49 ePKP   40 01.65   1.0
                 epPKP  40 14.87
VGB   122.51  42 (Pdiff36 33.18   1.3
LBFM  123.04  47 ePKP   40 04.45   1.0
                 epPKP  40 17.94
NEW   123.78  38 ePKP   40 05.67   1.2
                 epPKP  40 19.28
ORV   123.83  49 ePKP   40 05.35   0.6
                 epPKP  40 18.84
PHAM  125.62  53 ePKP   40 10.38   2.0X
KDS   126.24 278 ePKP   40 09.00  -1.1
KVN   126.50  49 ePKP   40 11.07   0.9
                 epPKP  40 24.73
MTUM  126.65  51 ePKP   40 11.83   1.3
                 epPKP  40 25.32
BONR  126.68  50 ePKP   40 11.79   1.1
FRB   126.74   1 ePKP   40 09.50  -0.1
       1.0s    10.00nm
ABL   126.80  54 ePKP   40 12.45   1.5
                 epPKP  40 25.22
ISA   127.18  53 PKP    40 20.00   8.6X
     Z 20s      8.05um        6.4Msz
TNP   127.45  50 ePKP   40 13.09   1.0
                 epPKP  40 26.35
TPNV  128.54  51 ePKP   40 14.40   0.3
     Z 20s   2497.33um        8.9MszX
GSC   128.59  53 ePKP   40 15.40   1.2
                 epPKP  40 28.61
PEC   128.69  55 ePKP   40 15.55   1.2
                 epPKP  40 28.63
HHAI  128.91  42 ePKP   40 15.76   1.2
                 epPKP  40 30.42
PTI   129.11  42 ePKP   40 15.24   0.2
HVU   129.30  44 ePKP   40 16.55   1.2
                 epPKP  40 30.53
DUG   129.91  46 ePKP   40 17.84   1.2
                 epPKP  40 31.10
GLA   130.79  55 (PKP)  40 19.53   1.2
DAU   130.91  45 ePKP   40 19.66   0.9
                 epPKP  40 32.79
MSU   131.03  47 ePKP   40 19.96   1.1
                 epPKP  40 33.76
EMUT  131.47  45 ePdiff37 13.75   1.5
SRU   131.97  46 ePKP   40 21.53   0.9
                 epPKP  40 34.83
PV09  133.21  46 ePKP   40 24.27   1.1
                 epPKP  40 37.17
PV10  133.33  46 ePKP   40 24.67   1.4
RSSD  133.70  37 ePKP   40 23.98   0.2
ULM   133.73  25 ePKP   40 26.50   3.2X
TUC   134.26  55 PKP    40 40.00  15.0X
     Z 20s      7.81um        6.4Msz
GOL   135.25  43 ePKP   40 27.53   0.6
JAQ   136.18   7 ePKP   40 27.00  -0.9
ALQ   136.66  49 ePKP   40 30.18   0.5
```

03d 21h

epPKP 40 45.05
WMOK 142.31 45 ePKP 40 35.00 -4.7X
MEO 142.42 45 iPKPc 40 36.00 -3.9X
SIO 143.42 42 iPKPd 40 39.00 -2.5X
TUL 143.65 41 iPKPd 40 39.40 -2.5X
VVO 144.03 42 iPKPc 40 40.60 -1.9
GAC 144.11 10 ePKP 40 40.50 -1.8
AGX 144.41 67 (PKP) 40 45.00 1.5
LMN 144.63 357 ePKP 40 42.50 -0.7
1.0s 63.00nm
XIN 144.82 237 ePKP 40 41.90 -2.6X
e 40 55.80
TYS 145.01 33 ePKP 40 43.74 -0.4
ACTO 145.07 17 PKP 40 43.91 -0.1
ELF 145.08 18 PKP 40 43.50 -0.6
WLVO 145.21 14 PKP 40 44.21 0.0
LDN 145.26 18 PKP 40 44.30 -0.1
DLA 145.30 19 PKP 40 44.70 0.2
FVM 145.48 34 ePKP 40 45.35 0.4
epPKP 40 59.24
TYNO 145.59 17 PKP 40 45.45 0.5
STCO 145.68 16 PKP 40 45.66 0.6
MRX 145.87 70 (PKP) 40 48.00 1.9X
LBNH 146.04 6 ePKP 40 46.52 0.8
YSNY 146.53 15 ePKP 40 47.62 1.0
epPKP 41 01.50
CRX 147.33 70 (PKP) 40 50.00 1.1
BINY 147.40 12 PKP 41 00.00 12.1X
Z 20s 7.23um 6.5Msz
ACX 147.56 75 (PKP) 40 51.00 2.1X
III 147.71 72 (PKP) 40 50.50 1.2
UNM 147.80 70 (PKP) 40 50.00 0.4
BAO 147.94 216 ePKP 40 49.60 -0.1
i 40 52.00
PPM 148.37 71 (PKP) 40 52.00 1.2
LSCT 148.40 9 ePKP 40 50.83 1.3
CRNY 148.71 9 ePKP 40 51.71 1.7
MCWV 148.75 19 ePKP 40 51.09 0.9
ePKPbc40 54.67
TBR 148.76 10 ePKP 40 51.30 1.2
LVVM 150.23 68 (PKP) 40 59.00 6.1X
OXX 150.50 74 (PKP) 41 01.00 7.3X
NAV 150.51 23 ePKP 40 54.10 1.1
ePKPbc40 58.85
MYNC 150.96 30 PKP 41 00.00 6.3X
Z 21s 12.10um 6.7Msz
CCH 152.36 182 PKP 41 04.40 7.8X
CEH 152.40 21 (PKP) 40 56.59 0.9
Z 21s 8.29um 6.5Msz
ARE 152.94 171 ePKP 41 05.00 7.6X
SGS 154.19 27 (PKP) 41 00.02 1.8
HBF 154.47 27 (PKP) 41 00.09 1.5
S.D. = 1.2 on 193 of 238 obs.

JUN 03, 1994 21h 32m 43.29± 0.70s
53.628 N ±12.8km 156.192 E ±16.8km
DEPTH = 33.0km (normal)
4.7mb (15 obs.)
KAMCHATKA (217)

MAT 21.18 223 eP 37 08.00 -19.9X
IMA 27.23 43 iP 38 25.90 0.1
1.6s 2.20nm 3.6mb X
NB2 62.33 342 P 43 05.40 1.1
0.3s 1.40nm 4.6mb
HFS 62.68 340 eP 43 06.90 0.4
0.4s 2.10nm 4.7mb
GEC2 73.09 335 P 44 11.50 -0.2
0.5s 0.93nm 4.1mb
CDF 74.98 339 eP 44 22.40 -0.3
0.7s 3.65nm 4.5mb
HAU 75.56 340 eP 44 25.50 -0.4
WRA 75.66 201 P 44 26.80 0.1
0.8s 0.50nm 3.6mb X
LOR 76.77 341 eP 44 32.30 -0.4
0.6s 6.05nm 4.8mb
LBF 77.01 341 eP 44 33.50 -0.6
0.8s 5.65nm 4.6mb
SSF 77.03 341 eP 44 33.90 -0.2
0.6s 3.95nm 4.6mb
AVF 77.32 341 eP 44 35.60 -0.1
0.6s 4.70nm 4.7mb
SMF 77.37 341 eP 44 35.70 -0.3
0.7s 7.60nm 4.8mb
BGF 77.64 342 eP 44 36.90 -0.6
1.0s 9.40nm 4.8mb
LPL 77.85 339 eP 44 39.40 0.5
0.4s 3.55nm 4.7mb
LPG 77.86 339 eP 44 39.50 0.4
0.9s 9.65nm 4.8mb
MAF 78.02 342 eP 44 39.90 0.3
0.4s 4.65nm 4.9mb
TCF 78.02 342 eP 44 39.70 0.1
0.6s 3.00nm 4.5mb
LSF 78.18 342 eP 44 40.50 0.0
0.8s 10.35nm 4.9mb
ASPA 79.36 201 eP 45 03.20 16.1X
S.D. = 0.5 on 18 of 20 obs.

JUN 03, 1994 21h 42m 43.22± 0.58s
38.539 N ± 5.0km 23.331 E ± 8.3km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 2.5 (ATH).

ATH 0.64 152 ePg 42 56.50 0.4
AGG 0.92 302 ePg 43 00.50 -0.8
eSg 43 13.64
PAIG 1.41 11 iPb 43 09.50 -0.1
eSb 43 26.80
LIT 1.69 338 ePb 43 13.14 -0.4
eSb 43 34.22
VLI 1.84 190 ePb 43 15.00 -0.8
OUR 1.86 15 iPb 43 16.02 0.0
SOH 2.28 0 ePn 43 22.22 0.1
eSn 43 49.38
PRK 2.40 72 ePn 43 29.00 5.2X
GRG 2.52 344 ePn 43 25.28 -0.2
IGT 2.54 294 ePn 43 27.26 1.5
eSn 43 58.42
KNT 2.64 353 ePn 43 27.34 0.1
S.D. = 0.8 on 10 of 11 obs.

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* JUN 03, 1994 21h 57m 29.96± 0.31s
10.559 S ± 9.5km 112.802 E ±13.6km
DEPTH = 33.0km (normal)
5.2mb (13 obs.)
SOUTH OF JAWA, INDONESIA (282)

MBL 12.52 148 eP 00 19.00 -9.7X
eS 02 25.00
MEEK 16.91 162 eP 01 20.00 -5.8X
eS 03 35.00
MRWA 18.80 171 eP 01 34.50 -14.7X
BAL 20.28 170 eP 02 05.50 -0.1
eS 04 18.00
WARB 20.32 142 eP 02 04.50 -1.6
KLB 21.43 168 eP 02 19.00 1.6
eS 04 33.00
MUN 21.55 172 eP 02 22.00 3.4X
eS 04 36.00
COOL 21.66 160 eP 02 20.00 0.3
eS 04 36.50
WB2 22.76 117 iPd 02 30.20 -0.6
0.6s 15.20nm 4.7mb
ASPA 23.97 126 iPd 02 42.70 0.2
1.0s 19.90nm 4.6mb
e 02 53.50
FORT 24.61 147 eP 02 49.00 0.4
STKA 34.02 133 eP 04 13.00 -0.1
KMI 36.80 345 ePc 04 39.40 2.4
1.2s 20.00nm 4.9mb
pP 04 49.40 34kmX
GBA 42.52 304 P 05 24.00 -0.3
0.4s 4.00nm 4.5mb
ODAN 44.63 327 P 05 41.57 -0.1
TAPN 44.86 328 P 05 43.31 -0.2
1.2s 66.00nm 5.4mb
RAMN 45.13 326 P 05 46.11 0.5
JIRN 45.92 326 P 05 52.11 0.2
0.8s 32.00nm 5.3mb
PKI 46.28 326 P 05 54.21 -0.5
1.1s 34.00nm 5.2mb
GUN 46.28 326 P 05 54.83 0.0
0.5s 24.00nm 5.4mb
DMN 46.47 325 P 05 56.05 -0.2
0.8s 24.00nm 5.2mb
KKN 46.52 326 P 05 56.17 -0.3
GKN 47.04 325 P 06 00.17 -0.4
1.0s 51.00nm 5.5mb
LZH 47.16 350 eP 06 02.00 0.6
1.5s 24.00nm 5.0mb
sP 06 11.00
KOLN 47.45 324 P 06 03.47 -0.4
DANN 47.80 325 P 06 05.97 -0.8
0.9s 34.00nm 5.4mb
PYUN 48.05 324 P 06 08.17 -0.5
1.1s 44.00nm 5.4mb
MAIO 68.45 316 eP 08 31.00 -0.2
MOCB 148.35 183 PKP 17 18.10 5.7X
LPB 153.07 178 PKP 17 26.00 6.5X
LPAZ 153.31 178 PKP 17 29.90 9.8X
S.D. = 0.8 on 24 of 31 obs.

JUN 03, 1994 21h 59m 45.03± 0.40s
10.543 S ± 7.7km 113.013 E ± 9.4km
DEPTH = 33.0km (normal)
5.3mb (21 obs.)
SOUTH OF JAWA, INDONESIA (282)

KKM 16.78 11 ePd 03 41.50 2.1
IPM 19.19 321 ePc 04 08.00 -1.0
WARB 20.20 142 eP 04 19.00 -1.0
eS 07 49.00
PPR 20.97 16 ePd 04 28.50 0.6
1.4s 119.00nm 5.1mb
SNG 21.50 324 eP 04 31.20 -2.0
WB2 22.58 117 eP 04 44.10 0.0
0.5s 37.70nm 5.1mb
i 04 46.00
ipP 04 56.20 49kmX
eS 08 58.70
ASPA 23.81 126 iPd 04 56.30 0.3
0.5s 47.20nm 5.3mb
i 05 08.10
eS 09 12.60
FORT 24.51 147 eP 05 03.00 0.3
NNT 26.50 330 eP 05 23.30 1.9
NST 29.00 334 eP 05 45.50 1.4
LOE 29.92 338 iPd 05 52.50 0.1
BDT 30.89 333 eP 06 01.00 0.1
1.0s 75.90nm 5.4mb
STKA 33.88 133 iPc 06 26.80 -0.2
ipP 06 38.70 44kmX
KMI 36.84 344 eP 06 55.00 2.6
1.0s 20.00nm 4.9mb
pP 07 06.40 41kmX
TOO 39.69 138 eP 07 17.40 1.4
SSE 42.14 10 Pc 07 39.00 3.0X
1.0s 12.00nm 4.6mb
GBA 42.68 303 P 07 48.00 7.3X
HYB 43.95 309 eP 07 51.50 0.5
ODAN 44.73 327 P 07 57.69 0.2
0.7s 33.00nm 5.3mb
TAPN 44.95 327 P 07 59.85 0.5
0.7s 37.00nm 5.4mb
RAMN 45.24 326 P 08 01.93 0.4
JIRN 46.02 326 P 08 08.09 0.3
0.7s 59.00nm 5.6mb
PKI 46.38 325 P 08 09.87 -0.8
0.8s 29.00nm 5.3mb
GUN 46.38 326 P 08 10.91 0.2
0.7s 65.00nm 5.7mb
DMN 46.58 325 P 08 12.09 0.0
0.7s 47.00nm 5.6mb
KKN 46.62 325 P 08 11.87 -0.5
0.8s 37.00nm 5.4mb
GKN 47.15 325 P 08 16.21 -0.3
0.5s 31.00nm 5.6mb
LZH 47.18 350 Pc 08 17.20 0.6
1.2s 25.00nm 5.1mb
sP 08 28.00
KOLN 47.56 324 P 08 19.61 -0.2
0.5s 43.00nm 5.7mb
DANN 47.91 325 P 08 22.27 -0.4
0.8s 66.00nm 5.7mb
PYUN 48.17 324 P 08 23.09 -1.5
0.9s 55.00nm 5.6mb
TKSJ 48.58 23 eP 08 26.80 -0.6
WKYJ 49.41 25 eP 08 33.10 -0.8
YONJ 49.43 22 eP 08 32.90 -1.0
BJI 50.41 3 eP 08 40.00 -1.3
1.4s 12.00nm 4.7mb
MAT 52.50 26 eP 08 55.00 -2.2
0.8s 7.46nm 4.7mb
MAW 65.83 199 iPc 10 29.50 0.5
0.8s 20.00nm 5.3mb
MAIO 68.58 316 eP 10 47.00 -0.1
BAO 147.90 216 ePKP 19 30.80 4.4X
MOCB 148.38 182 PKP 19 33.20 5.7X
LPB 153.08 178 (PKP) 19 51.00 16.5X

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LPAZ  153.32 178 PKP    19 42.90    7.7X
     S.D. = 1.1  on  36 of  42 obs.
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? JUN  03, 1994  22h 04m 29.46± 3.42s
  10.298 N ±36.7km   60.947 W ±28.9km
    DEPTH =  50.0km  (geophysicist)
  TRINIDAD                         ( 98)
      MD 2.4 (TRN).

TBH      0.22 327 iP     04 38.04    0.1
                  iS     04 43.92
TPP      0.50 272 eP     04 40.65   -0.1
                  eS     04 48.60
TRN      0.57 308 iP     04 41.37   -0.2
                  eS     04 50.24
TCE      0.89 297 eP     04 46.06    0.2
                  eS     04 56.27
     S.D. = 0.3  on   4 of   4 obs.
------------------------------------
* JUN  03, 1994  22h 11m 45.72± 0.41s
  10.981 S ±10.5km  112.569 E ±13.9km
    DEPTH =  33.0km  (normal)
   4.7mb (  6 obs.)
  SOUTH OF JAWA, INDONESIA         (282)

LEM      6.40 310 iPc    13 22.50    2.1
NANU    11.86 167 eP     14 35.00   -0.6
MBL     12.29 146 eP     14 34.00   -7.4X
                  eS     16 39.00
MEEK    16.59 161 eP     15 36.00   -1.5
                  eS     18 27.00
IPM     19.26 323 ePd    16 11.30    0.7
WB2     22.78 116 eP     16 47.10    0.4
        0.7s    22.60nm          4.8mb
                  epP    16 59.20  49kmX
ASPA    23.91 125 eP     16 59.50    1.8
        0.7s    15.40nm          4.6mb
                  i      17 11.30
                  iS     21 24.00
STKA    33.91 132 eP     18 29.30    1.4
KMI     37.14 345 eP     18 57.00    1.4
        1.0s    10.00nm          4.6mb
                  pP     19 09.20  45kmX
GBA     42.56 304 P      19 41.20    0.8
        0.7s     6.50nm          4.5mb
ODAN    44.86 327 P      19 58.85   -0.4
TAPN    45.09 328 P      20 01.24    0.1
RAMN    45.36 327 P      20 03.41    0.3
JIRN    46.14 327 P      20 09.29   -0.2
PKI     46.49 326 P      20 11.69   -0.5
GUN     46.51 327 P      20 12.25   -0.1
DMN     46.69 326 P      20 12.99   -0.7
KKN     46.74 326 P      20 13.93   -0.1
GKN     47.26 326 P      20 17.71   -0.3
LZH     47.53 350 Pd     20 19.50   -0.6
        1.2s    32.00nm          5.2mb
                  sP     20 32.00
KOLN    47.66 325 P      20 20.71   -0.6
DANN    48.01 325 P      20 23.24   -0.9
PYUN    48.26 324 P      20 25.13   -0.8
BJI     50.87   4 eP     20 43.50   -1.9
        1.4s    12.00nm          4.7mb
MAT     53.08  26 (P)    20 58.00   -4.2X
MAIO    68.59 316 eP     22 48.00    0.2
     S.D. = 1.0  on  24 of  26 obs.
------------------------------------
? JUN  03, 1994  22h 14m 53.70± 1.16s
  13.837 S ±26.1km  109.931 E ±22.5km
    DEPTH =  33.0km  (normal)
  NORTHWEST OF AUSTRALIA           (588)

WB2     24.13 108 eP     20 00.80   -7.0X
        0.5s    14.90nm          4.8mb
ASPA    24.68 117 iPc    20 13.10    0.0
        1.3s    23.40nm          4.6mb
                  iS     24 36.90
STKA    34.08 127 iPc    21 44.70    7.4X
SSE     45.96  13 P      23 15.50    0.0
TAPN    46.27 332 P      23 17.43   -1.0
        1.0s    29.00nm          5.2mb
JIRN    47.24 331 P      23 25.87   -0.3
DMN     47.72 330 P      23 30.07    0.3
KKN     47.78 330 P      23 30.09   -0.1
GKN     48.27 330 P      23 33.45   -0.5
KOLN    48.60 328 P      23 36.49   -0.1
DANN    49.00 329 P      23 39.99    0.3
        1.0s    36.00nm          5.4mb
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PYUN    49.18 328 P      23 42.13    1.1
        1.0s    25.00nm          5.2mb
LZH     49.98 354 eP     23 47.20    0.2
        1.0s    22.00nm          5.1mb
                  pP     23 54.50  24kmX
COP    105.52 324 iPdiff29 05.70    4.4X
        0.4s   138.98nm          7.3mb X
MOCB   144.86 187 PKP    34 50.80   20.4X
LPB    149.76 184 ePKP   35 02.00   23.7X
     S.D. = 0.6  on  11 of  16 obs.
------------------------------------
  JUN  03, 1994  22h 40m 21.23± 0.80s
  28.736 N ± 3.5km   70.070 E ± 2.0km
  DEPTH =  33.0 ±  7.3 km
  5.9mb (106 obs.)  5.6Msz ( 35 obs.)
 PAKISTAN                          (710)
       Felt at Bahawalpur, Multan and
       Rahimyar Khan.

NDI      6.28  89 iPnd   41 53.00   -0.9
        0.3s   480.52nm          6.7mb X
BOM     10.11 165 iPd    42 45.30   -1.9
                  eS     44 54.70
POO     10.73 160 iPd    43 02.50    6.8X
PYUN    11.39  90 P      43 01.53   -3.4X
        0.5s   623.00nm          7.1mb X
MAIO    11.68 313 eP     43 08.00   -0.7
        1.0s    87.50nm          5.9mb X
KOLN    11.97  91 P      43 09.23   -3.5X
        0.5s   626.00nm          7.0mb X
DANN    12.04  89 P      43 10.69   -3.1X
GKN     12.85  90 P      43 19.85   -4.6X
DMN     13.31  91 P      43 26.85   -3.8X
ASH     13.42 316 iPc    43 31.00   -0.8
        1.5s  1140.00nm          6.6mb X
                  iS     46 05.00
KKN     13.44  90 P      43 27.49   -4.8X
ABKT    13.55 316 iPc    43 32.08   -1.4
PKI     13.58  91 P      43 29.67   -4.6X
HYB     13.70 144 eP     43 31.50   -4.0X
        1.0s   190.00nm          5.9mb X
                  e      43 37.50
                  eS     46 17.00
GUN     13.95  90 P      43 34.39   -4.8X
        0.4s   591.00nm          6.7mb X
JIRN    14.26  90 P      43 38.11   -5.1X
FRU     14.54  13 iP     43 45.80   -0.7
RAMN    14.73  93 P      43 44.49   -4.8X
ODAN    15.44  93 P      43 54.71   -3.8X
AAA     15.53  19 iP+    43 58.00   -1.3
      Z  16s    12.50um
      N  16s     5.00um
      E  16s     7.50um
                  iS     46 58.00
TAPN    15.64  91 P      43 56.55   -4.6X
GBA     16.54 154 P      44 10.00   -2.3
                  S      47 50.00
TEH     17.27 299 eP     44 23.00    1.5
DHR     17.84 267 iPd    44 28.20   -0.4
                  iS     47 50.00
SHL     19.66  94 iPc    44 49.50   -1.1
        1.0s    77.50nm          5.0mb
                  iS     48 24.50
BAK     20.22 310 iPd    45 00.00    3.9X
      E  11s     4.56um
KER     20.34 292 iPc    44 56.30   -1.3
RYD     21.32 265 ePd    45 07.00   -0.6
                  eS     48 57.00
TAB     21.85 301 eP     45 14.00    1.1
                  e      14 12.00
MJMA    22.20 268 ePd    45 16.00   -0.4
MAK     23.13 314 iP+    45 26.00    0.7
        1.2s   495.00nm          5.9mb
                  i      45 56.60
                  iS     49 38.80
GNI     23.69 305 iPc    45 34.98    4.1X
QASM    23.69 270 ePd    45 31.30    0.4
MTA     24.26 309 iPc+   45 39.20    3.0X
        0.8s   450.00nm          6.1mb
      E  13s     1.50um
                  i      46 09.60
                  e      46 22.00
                  eSS    50 46.00
GRO     24.41 313 iPc+   45 40.00    2.3
        1.0s   660.00nm          6.1mb
                  eS     49 59.00
KMSA    24.67 256 ePc    45 40.80    0.3
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UQSK    24.79 270 ePc    45 44.00    2.4
PYA     26.41 313 eP     45 56.50   -0.1
        1.0s   300.00nm          5.9mb
      Z  16s     9.00um          5.4MszX
                  e      46 36.00
KIV     26.62 312 ePc    45 59.20    0.6
      Z  17s     3.20um          4.9MszX
DHJN    26.74 251 eP     46 02.00    1.9
KMTA    27.02 253 ePc    46 04.30    1.7
ABHA    27.08 253 ePd    46 06.50    3.3X
TAIF    27.88 261 ePd    46 12.20    1.9
CHTO    28.14 104 eP     46 11.90   -0.6
        1.1s   172.26nm          5.7mb
SOC     28.45 310 eP     46 15.00    0.0
        2.5s   200.00nm          5.4mb
                  e      46 23.00
GAZ     28.72 296 eP     46 18.80    1.3
ARU     28.83 347 iPc    46 19.17    0.9
        1.5s   500.00nm          6.0mb
      Z  18s     1.00um          4.5MszX
      N  16s     0.50um
      E  18s     1.00um
                  e      47 21.00
                  e      49 35.00
SVE     28.84 349 iPc    46 19.60    1.1
        2.0s   400.00nm          5.8mb
                  e      51 00.00
BDT     28.91 107 eP     46 20.00    0.6
        1.0s    75.90nm          5.3mb
KMI     29.30  89 P-     46 22.00   -1.2
        1.2s    50.00nm          5.1mb
      Z  16s     4.80um          5.2MszX
      N  14s     4.00um
      E  15s     5.90um
                  pP     46 33.00  41kmX
                  sP     46 36.00
                  PP     46 53.00
                  S      50 23.00
                  sS     50 45.00
LZH     29.33  67 P      46 23.50    0.2
        2.0s    76.00nm          5.1mb
      Z  24s    11.70um          5.4MszX
      N  16s     9.31um
                  pP     46 32.00  29kmX
                  PP     48 13.50
                  S      51 14.00
                  sS     51 30.00
                  SS     52 46.00
SALJ    29.77 285 P+     46 29.77    2.6
MKRJ    29.83 284 Pd     46 29.82    2.1
BNN     30.01 299 iP     46 31.60    2.3
NAQJ    30.08 281 P+     46 32.62    2.5
MRSJ    30.28 280 P+     46 32.97    1.3
KVT     30.31 303 iP     46 33.00    1.2
AQBJ    30.51 281 Pd     46 35.47    1.9
ANN     30.53 311 eP     46 33.00   -0.6
        1.0s    50.00nm          5.3mb
      Z  17s     1.50um          4.7MszX
      E  17s    13.00um
NST     30.62 109 eP     46 34.50   -0.2
LOE     31.14 104 eP     46 39.00   -0.2
CSS     31.69 291 eP     46 44.50    0.5
NNT     31.94 114 eP     46 47.20    0.9
BZK     32.00 304 eP     46 47.60    1.1
ZAK     33.09  40 iPd    46 56.00    0.1
        1.6s   220.00nm          5.8mb
                  e      48 08.60
ELL     34.51 294 iP     47 08.50   -0.1
IRK     34.57  38 iP     47 10.00    1.2
        1.8s   136.00nm          5.6mb
                  e      47 25.50
                  e      48 38.00
EYL     34.61 301 eP     47 09.70    0.3
KSL     34.76 293 eP     47 09.00   -1.6
KHL     34.89 297 eP     47 11.50   -0.3
HRT     35.02 301 iP     47 13.90    1.1
YLV     35.21 301 eP     47 15.00    0.5
ISK     35.50 301 eP     47 15.70   -1.1
MOS     35.55 329 iPc    47 17.00    0.0
        2.0s  2100.00nm          6.7mb
      Z  17s    15.40um          5.8MszX
                  ePPP   48 38.00
                  eS     52 51.00
                  eSS    55 10.00
OBN     35.67 327 iPc    47 18.50    0.5
        1.5s  1190.00nm          6.6mb
      Z  20s    21.50um          5.9Msz
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03d 22h

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     N  18s     13.50um
     E  20s     13.50um
                    ec     47 19.33
                    iPPP   48 42.00
                    iS     52 52.00
                    e      57 32.00
SNG     35.92 121 eP      47 28.00    7.4X
        1.0s   160.00nm             5.9mb
BNT     36.29 300 eP      47 24.80    1.3
EDC     36.33 300 eP      47 25.00    1.1
KGT     36.77 300 eP      47 27.70    0.2
KIS     36.78 311 iPc+    47 28.00    0.5
        1.5s   500.00nm         6.2mb
                    i      48 50.00
CFR     36.84 308 eP      47 28.00    0.0
EZN     37.47 299 iP      47 33.20   -0.2
PRK     37.48 298 eP      47 34.00    0.5
ALN     37.76 301 eP      47 36.53    0.7
IPM     37.94 123 ePd     47 39.00    1.4
ISR     37.95 308 eP      47 39.50    2.0
VRI     37.96 309 eP      47 38.00    0.5
NPS     38.01 291 eP      47 40.00    1.9
BUC     38.14 306 ePc     47 40.00    1.0
                    e      11 30.00
RDO     38.16 301 eP      47 40.00    0.8
PTT     38.41 310 eP      47 45.00    3.7X
MLR     38.43 308 eP      47 42.50    0.9
                    e      19 09.00
CMP     39.02 307 iPd     47 53.00    6.6X
VAM     39.16 292 eP      47 49.00    1.3
OUR     39.29 300 eP      47 49.24    0.6
BJI     39.29  61 eP      47 50.00    1.3
        1.5s   127.00nm           5.5mb
     Z  24s      4.51um           5.2MszX
     N  19s      4.57um
                    e      48 00.50
ATH     39.46 296 eP      47 50.50    0.4
PAIG    39.51 299 iP      47 51.38    0.9
SRS     39.62 301 iP      47 51.74    0.3
CIT     39.69  42 eP      47 53.80    1.9
MNK     39.76 321 eP      47 53.00    0.7
     Z  16s      8.60um           5.7MszX
                    eSS    57 20.00
SOH     39.79 300 eP      47 52.80   -0.1
THE     40.08 300 eP      47 55.89    0.7
VLI     40.11 294 eP      47 54.00   -1.5
KNT     40.15 301 eP      47 55.84    0.0
VAY     40.40 301 iP      47 58.30    0.5
        0.8s   130.00nm           5.7mb
LIT     40.42 299 eP      47 57.80   -0.3
GRG     40.52 300 eP      47 59.04    0.2
AGG     40.54 298 eP      47 59.08    0.0
GZR     40.62 307 ePd     48 05.00    5.4X
KZN     40.98 299 eP      48 03.00    0.3
PUL     41.04 330 ePc     48 03.00    0.2
        1.4s   980.00nm          6.3mb
     Z  21s     12.00um           5.7Msz
     N  21s      4.20um
     E  21s      9.50um
                    i      49 43.00
                    ePPP   50 07.00
                    eS     54 12.00
SKO     41.28 302 ePc     48 05.20    0.2
        1.1s   400.00nm         6.1mb
                    i      48 14.20
FNA     41.29 300 iP      48 05.28    0.1
KGM     41.35 124 eP      48 09.50    3.7X
UZH     41.46 312 iPc     48 08.00    1.6
        1.2s   420.00nm         6.0mb
                    i      48 15.10
KBN     41.73 300 eP      48 08.50   -0.4
VLS     41.92 296 eP      48 10.00   -0.3
PHP     42.02 302 eP      48 11.60    0.5
IGT     42.08 298 eP      48 11.12   -0.5
BOD     42.16  34 eP      48 12.10    0.1
        1.5s   100.00nm           5.3mb
NRIL    42.17  10 ePc     48 12.65    0.7
BEO     42.19 306 iP      48 12.70    0.3
TPE     42.32 299 eP      48 13.00   -0.6
SRN     42.34 299 eP      48 13.40   -0.3
PVY     42.39 303 iPd     48 14.34    0.0
TIR     42.44 301 eP      48 13.10   -1.5
IVA     42.46 303 iPd     48 15.46    0.6
KEK     42.49 299 eP      48 15.00    0.0
LACI    42.56 301 iPc     48 15.10   -0.4
VLO     42.72 300 iP      48 16.90    0.1
SDA     42.73 302 iPc     48 15.50   -1.4
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PLE     42.85 304 iPd     48 19.28    1.2
SPC     42.89 313 iP      48 20.30    1.9
                    e      50 08.40
ULC     42.91 302 iPd     48 17.56   -0.9
TTG     42.91 303 iPd     48 18.41    0.0
NKY     43.12 303 iPd     48 20.40    0.2
BDV     43.23 302 iPd     48 20.44   -0.6
BRY     43.46 303 iPd     48 23.00    0.0
HCY     43.48 303 iPd     48 22.87   -0.1
NUR     43.89 329 eP      48 26.00    0.0
        0.9s   167.00nm            5.8mb
     Z  18s     13.00um            5.9Msz
                    e      49 58.00
                    LR     10 00.00
LCI     43.90 300 P       48 21.46   -4.9X
KAF     43.92 332 iP      48 26.30    0.1
        0.5s   120.20nm            5.9mb
SRO     43.97 310 iP      48 27.40    0.5
                    i      50 13.30
SSE     44.05  74 Pd      48 29.00    1.3
        1.5s   104.00nm            5.4mb
     Z  20s      2.40um            5.1Msz
     N  14s      2.60um
     E  20s      4.60um
                    pP     48 36.00  23kmX
                    sP     48 41.00
                    SS     54 00.00
                    sS     55 12.00
OKC     44.35 313 P       48 30.50    0.6
BRT     44.45 300 P       48 31.29    0.3
LVZ     44.48 342 (P)     48 30.83    0.1
                    e      50 13.50
ZST     44.82 311 iP      48 33.30   -0.4
        1.3s   131.20nm            5.7mb
                    i      50 14.00
HVAR    45.00 304 iPd     48 36.20    0.9
ORI     45.06 299 P       48 36.18    0.4
SOP     45.13 310 eP      48 37.50    1.2
GRI     45.15 297 P       48 37.45    0.9
VKA     45.35 311 iPc     48 34.40   -3.6X
        2.0s   642.00nm          6.2mb
                    e      50 26.00
FG3     45.38 302 P       48 38.38    0.0
ZAG     45.40 307 iPc     48 38.00   -0.4
PTJ     45.42 307 iP      48 38.90    0.2
SOI     45.50 296 P       48 39.81    0.6
GMB     45.64 297 P       48 42.18    1.6
FG4     45.72 301 P       48 42.13    1.1
MGR     45.74 299 P       48 41.29    0.1
SGO     45.91 300 P       48 43.18    0.8
ATN     45.95 297 P       48 43.93    1.0
FG2     45.96 302 P       48 44.22    1.4
LJU     46.42 308 eP      48 47.00    0.5
                    e      48 55.00
                    e      50 22.00
MEU     46.48 295 P       48 49.31    2.1
DUI     46.50 302 P       48 48.38    1.1
SDF     46.65 338 iP      48 48.50    0.5
PRU     46.67 313 eP      48 48.50    0.1
        2.0s   266.00nm            5.9mb
     Z  15s      2.20um            5.2MszX
     N  14s      1.40um
     E  17s      2.40um
                    PcP    50 22.80
                    PP     50 43.30
VOY     46.87 308 ePd     48 50.40    0.3
                    e      48 58.00
                    e      49 34.70
                    e      50 10.50
                    e      50 23.70
                    e      50 47.90
RFI     46.87 301 P       48 51.49    1.5
UPP     46.92 327 iP      48 49.40   -0.7
                    i      48 50.40
TRI     46.95 307 eP      48 50.70    0.1
GIB     47.10 297 P       48 52.36    0.3
GEC2    47.13 311 P       48 51.90   -0.2
        0.5s    10.71nm            5.1mb
                    e      49 01.00
BRG     47.14 314 iPc     48 52.60    0.5
        2.2s   440.00nm          6.1mb
                    e      50 47.00
BSD     47.18 320 iPc     48 51.50   -0.8
        0.7s    88.00nm            5.9mb
KHC     47.23 312 P       48 53.00    0.1
     Z  16s      1.50um            5.1MszX
     N  16s      0.50um
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     E  16s      0.80um
                    e      49 01.00
                    e      49 16.00
                    e      49 33.00
AQU     47.25 303 P       48 53.97    0.8
KBA     47.28 309 iPc     48 53.20   -0.3
        1.3s   184.00nm            5.9mb
                    i      48 54.80
MCT     47.45 296 P       48 57.40    2.5
FAI     47.46 296 P       48 57.16    2.4
ARV     47.55 304 P       48 56.22    0.7
BHG     47.62 310 iPd     48 56.40    0.5
        1.4s   216.00nm          6.0mb
FVI     47.65 308 P       48 56.38    0.3
BRNL    47.68 316 ePc     48 56.50    0.2
WET     47.69 312 iPd     48 57.30    0.8
USI     47.69 298 P       48 57.27    0.7
ASS     47.77 304 P       48 58.13    0.9
BRN     47.77 316 eP      48 58.00    1.0
CLL     47.78 315 iP      48 57.60    0.5
        1.5s    90.00nm            5.6mb
MNS     47.79 303 P       48 56.99   -0.4
RDP     47.79 302 P       48 57.59    0.1
KEV     47.80 341 iPc     48 57.40    0.4
RMP     47.80 302 P       48 58.29    0.8
VVI     47.89 307 P       48 58.93    0.8
BAG     47.91  94 ePc     49 00.00    1.2
CVT     48.10 296 P       49 00.39    0.6
CRE     48.27 304 P       48 55.04   -6.1X
SFI     48.33 305 P       49 02.99    1.6
PGD     48.42 305 P       49 04.32    1.9
CTI     48.43 308 P       49 02.43    0.0
WTTA    48.45 309 iPc     49 01.50   -1.1
        1.5s   283.00nm          6.1mb
                    i      49 02.90
CVP     48.49  91 ePd     49 04.00    1.0
WATA    48.49 309 iPc     49 01.50   -1.4
                    i      49 03.00
MOX     48.60 314 iPc     49 04.00    0.5
        1.5s   285.00nm          6.1mb
FUR     48.71 310 eP      49 03.90   -0.5
        1.5s   195.00nm            5.9mb
     Z  18s      3.00um            5.3Msz
SQTA    48.74 309 iPc     49 03.30   -1.4
        1.4s   210.00nm          6.0mb
                    i      49 04.90
GRF     48.80 312 iPc     49 05.90    0.9
        1.5s   263.70nm          6.0mb
MOTA    48.81 309 iPc     49 03.70   -1.6
                    i      49 05.20
OGA     48.86 309 iPd     49 05.60   -0.2
        1.3s   149.00nm            5.9mb
HFS     48.89 326 eP      49 05.00   -0.6
        0.5s   123.20nm          6.2mb
     Z  20s     11.54um            5.9Msz
                    LR     11 38.00
KKM     49.07 108 eP      49 08.50    0.9
SAL     49.22 307 P       49 09.27    1.0
BDI     49.23 305 P       49 07.96   -0.5
PPR     49.27 102 ePd     49 10.00    0.9
PII     49.30 304 P       49 07.75   -1.2
PGP     49.47  97 eP      49 11.50    0.9
OSS     49.47 308 ePd     49 10.30   -0.1
MDI     49.79 307 P       49 12.47   -0.2
BOB     50.02 306 P       49 15.56    1.0
NB2     50.29 327 P       49 14.90   -1.4
        0.8s   116.40nm            5.9mb
TMA     50.36 308 iPd     49 16.60   -0.7
VAI     50.44 307 P       49 17.17   -0.4
PGF     50.49 303 eP      49 17.00   -1.2
        1.5s   405.30nm          6.2mb
SLE     50.58 310 iPd     49 17.90   -0.8
MUD     50.59 321 iPd     49 18.50    0.0
        1.3s   204.00nm          6.0mb
GQP     50.59  95 ePd     49 19.00   -0.1
TNS     50.60 313 ePc     49 20.10    1.2
CGL     50.61 299 P       49 19.32    0.1
ZLA     50.65 309 ePd     49 18.40   -0.9
PCP     50.67 306 P       49 17.87   -1.6
KONO    50.82 325 ePc     49 20.00   -0.3
                    ed     49 22.07
                    ed     49 23.15
YAK     50.87  32 iPc     49 19.80   -0.8
        1.0s   378.00nm          6.3mb
                    i      50 37.00
                    ePPP   52 16.00
                    iS     56 32.00
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                 iPS    56 54.00
                 e      59 04.00
FEL    50.90 310 P      49 21.13  -0.1
FIN    50.94 305 P      49 19.80  -1.7
MMK    51.00 308 iPd    49 22.50   0.3
VLA    51.00  56 iPc    49 22.50   0.6
       1.0s   545.00nm        6.5mb
                 i      49 34.00
                 i      50 38.00
                 iPPP   52 16.00
                 iS     56 38.00
                 iPS    56 53.00
                 e      59 10.00
                 eSSS   01 47.00
ORO    51.01 307 P      49 20.59  -1.5
LANF   51.02 311 P      49 22.44   0.4
LIBD   51.17 310 P      49 23.87   0.8
ROB    51.17 305 P      49 22.04  -1.3
BBS    51.25 309 P      49 23.43  -0.4
WLS    51.33 311 P      49 24.19  -0.2
CDF    51.38 311 eP     49 23.60  -1.3
       1.5s   127.45nm        5.7mb
DIX    51.38 308 iPd    49 24.60  -0.5
TSM    51.40 109 eP     49 26.00   0.7
SAOF   51.42 305 P      49 25.16   0.0
BNS    51.42 314 ePc    49 25.80   0.8
ECH    51.46 310 P      49 25.41   0.0
MOF    51.49 310 P      49 25.73   0.0
ENR    51.50 305 P      49 24.51  -1.3
AUTN   51.51 305 P      49 26.83   0.7
SBF    51.52 305 eP     49 24.80  -1.2
       1.3s   250.55nm        6.0mb
RSP    51.55 307 P      49 23.36  -2.8
BHB    51.56 306 P      49 24.14  -2.1
STV    51.57 305 P      49 24.83  -1.5
REVF   51.58 305 P      49 26.67   0.3
AURF   51.60 305 P      49 26.67   0.1
LSD    51.60 307 P      49 25.79  -1.0
DOI    51.60 306 P      49 25.30  -1.3
TOUF   51.64 305 P      49 27.74   0.7
WTS    51.67 315 eP     49 27.50   0.7
       1.2s   297.70nm        6.1mb
SHNJ   51.70  68 P      49 27.70   0.4
PZZ    51.71 306 P      49 25.20  -2.3
LOMF   51.72 309 P      49 27.38   0.0
MVIF   51.72 305 P      49 27.58   0.0
BSF    51.72 310 eP     49 26.20  -1.3
WIT    51.77 316 eP     49 29.00   1.4
KUMJ   51.80  70 P      49 28.70   0.6
LPG    51.88 307 eP     49 27.80  -1.1
       1.4s   172.95nm        5.8mb
LPL    51.89 307 eP     49 27.90  -1.0
       1.2s   248.75nm        6.0mb
RRL    51.90 306 P      49 28.03  -1.0
SURF   51.91 306 P      49 28.47  -0.6
CALN   51.92 305 P      49 28.80  -0.3
FOUF   51.93 306 iPc    49 28.50  -0.4
                 i      49 29.57
RSL    51.95 307 P      49 28.24  -1.1
BNI    51.96 306 P      49 28.79  -0.6
HAU    52.01 310 eP     49 28.60  -1.0
       1.5s   428.30nm        6.2mb
WLF    52.09 312 iPc    49 29.41  -0.6
FRF    52.12 305 eP     49 28.90  -1.5
       1.6s   167.30nm        5.8mb
KAGJ   52.16  71 P      49 31.40   0.5
ENN    52.22 314 eP     49 31.50   0.5
       1.2s    65.50nm        5.5mb
LMR    52.24 304 eP     49 29.60  -1.7
       1.3s    44.40nm        5.3mb
LRG    52.33 304 eP     49 30.70  -1.3
       1.6s   181.60nm        5.8mb
     Z 22s      1.90um        5.1Msz
GRN    52.60 307 P      49 33.09  -1.0
CDR    52.74 305 ePc    49 34.90  -0.2
DOU    53.08 313 Pc     49 38.50   1.0
UCC    53.21 314 P+     49 39.00   0.6
SNF    53.27 313 iPc    49 39.68   0.9
MAP    53.55  99 ePd    49 42.50   1.2
LBF    53.68 309 eP     49 40.70  -1.3
       1.4s   307.55nm        6.1mb
LOR    53.74 309 eP     49 41.20  -1.1
       1.3s   202.15nm        6.0mb
     Z 20s      2.15um        5.2Msz
SMF    53.80 309 eP     49 42.00  -0.8
       1.3s   400.00nm        6.3mb
SSF    54.00 309 eP     49 43.20  -1.0
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       1.3s   397.10nm        6.3mb
COLF   54.02 307 P      49 44.26  -0.2
PLDF   54.02 308 P      49 44.44   0.0
PLP    54.02  97 ePd    49 45.50   0.7
TKSJ   54.11  67 P      49 45.70   0.5
AVF    54.13 309 eP     49 44.10  -1.0
       1.5s   270.55nm        6.1mb
AGO    54.35 308 P      49 46.91   0.0
LBL    54.36 307 P      49 47.24   0.2
PYM    54.47 308 P      49 47.58  -0.2
BGF    54.50 309 eP     49 46.80  -1.1
       1.3s   161.00nm        5.9mb
HYF    54.57 309 eP     49 47.90  -0.5
MAF    54.72 308 eP     49 48.90  -0.7
       1.7s   366.15nm        6.1mb
TCF    54.96 308 eP     49 50.60  -0.8
       1.5s   269.50nm        6.1mb
PERF   55.00 304 P      49 50.69  -1.0
CGP    55.05 100 eP     50 02.00   9.6X
MTHF   55.18 304 P      49 52.22  -0.7
CAF    55.23 307 eP     49 52.60  -0.7
       1.3s   287.35nm        6.1mb
WKYJ   55.30  67 P      49 54.50   0.5
TSRJ   55.32  65 P      49 54.80   0.8
LSF    55.44 308 eP     49 53.70  -1.1
       1.3s   265.70nm        6.1mb
ESEL   55.44 300 eP     49 55.34   0.5
RJF    55.57 307 eP     49 55.10  -0.6
       1.5s   276.85nm        6.1mb
     Z 20s      2.53um        5.3Msz
LSPF   55.63 304 P      49 55.65  -0.6
TRGS   55.66 304 P      49 55.84  -0.8
LPO    55.88 307 eP     49 57.10  -0.9
       1.4s   204.75nm        6.0mb
GRBF   55.91 304 P      49 57.42  -0.9
PAND   55.96 304 P      49 58.41  -0.4
LESF   56.07 305 P      49 57.83  -1.5
LFF    56.16 307 eP     49 59.20  -0.7
       1.2s   236.85nm        6.1mb
LDF    56.27 311 eP     49 59.50  -1.2
       1.6s   308.45nm        6.1mb
DAV    56.48 101 eP     49 57.20  -5.5X
FLN    56.49 312 eP     50 01.00  -1.3
       1.4s   250.05nm        6.1mb
     Z 22s      4.10um        5.5Msz
BIP    56.51 100 eP     50 11.50   8.6X
MTMJ   56.52  63 P      50 02.70  -0.1
MFF    56.54 309 eP     50 01.50  -1.2
       1.3s   199.30nm        6.0mb
EPF    56.75 305 eP     50 02.00  -2.3
       1.1s    22.45nm        5.1mb
GRR    56.78 311 eP     50 02.70  -1.7
       1.3s   198.55nm        6.0mb
ENSF   56.79 304 P      50 04.60  -0.1
MAT    56.85  63 iPc    50 04.20  -0.8
       1.5s   172.22nm        5.9mb
LPF    56.95 311 eP     50 04.30  -1.2
       1.0s    58.20nm        5.6mb
EROQ   57.10 302 eP     50 07.15   0.4
BTH    57.13 305 iPc    50 06.80  -0.1
                 i      50 21.50
                 iPcP   51 04.40
NIIJ   57.31  62 P      50 07.90  -0.3
EGRA   57.38 304 eP     50 05.32  -3.3X
EKA    57.50 320 P      50 07.00  -2.3
       0.5s     8.90nm        5.1mb
CHJJ   57.58  64 P      50 10.00  -0.1
MRRJ   57.78  56 eP     50 11.00  -0.4
YAMJ   57.89  61 eP     50 13.30   1.0
YSS    58.13  50 eP     50 13.00  -0.8
       1.0s   130.00nm        6.0mb
                 e      50 24.00
                 e      58 09.00
ACU    58.21 300 eP     50 14.42  -0.1
ECHE   58.39 301 eP     50 16.03   0.2
KAKJ   58.47  63 P      50 15.20  -1.1
ASAJ   58.58  54 eP     50 17.00   0.0
ECRI   58.89 305 eP     50 18.96  -0.3
OFUJ   58.93  60 eP     50 18.80  -0.7
EALH   59.14 299 eP     50 20.65  -0.3
HOOJ   59.40  56 eP     50 22.50  -0.1
DLF    59.69 317 eP     50 24.90   0.3
ECP    59.76 316 iPd    50 25.40   0.4
EVIA   59.77 300 eP     50 25.23  -0.2
ENIJ   59.97 298 eP     50 26.54  -0.1
ECB    59.98 316 iPd    50 27.20   0.6
EHUE   60.05 299 eP     50 26.81  -0.5
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DCN    60.12 318 eP     50 27.50   0.0
KUSJ   60.26  54 eP     50 27.90  -0.7
GUD    60.53 303 eP     50 29.97  -0.6
       1.3s     0.29nm        3.2mb X
TAF    60.71 296 iPc    50 32.50   0.7
EBAN   60.87 300 eP     50 32.54  -0.3
ECOG   60.93 299 eP     50 32.09  -1.3
PAB    60.94 302 iPc    50 32.30  -1.1
EMEL   61.00 297 eP     50 33.02  -0.7
EGUA   61.05 298 eP     50 33.25  -0.8
ERON   61.19 299 eP     50 33.38  -1.8
ELUQ   61.40 299 eP     50 34.81  -1.7
ELOJ   61.42 299 eP     50 35.36  -1.3
DAG    62.00 345 iPd    50 39.80  -0.2
       1.3s   334.62nm        6.3mb
EHOR   62.07 300 eP     50 40.11  -0.9
EPLA   62.10 303 eP     50 40.27  -0.9
EPRU   62.30 299 eP     50 41.27  -1.3
MVO    62.51 304 iPd    50 44.70   0.8
EJIF   62.63 298 eP     50 43.22  -1.5
ALJ    62.67 299 iPd    50 44.00  -1.1
MOMI   62.86 298 iPd    50 46.00  -0.2
GIBL   62.89 299 iPd    50 46.00  -0.4
PLAT   62.95 298 iPc    50 46.50  -0.3
MTE    63.08 303 iPc    50 48.20   0.5
CNIL   63.10 299 iPd    50 47.00  -0.8
IFR    63.24 295 iPc    50 49.00   0.0
EVAL   63.28 300 eP     50 47.29  -1.7
AKU    63.45 332 eP     50 50.20   0.5
       1.1s    50.63nm        5.5mb
MOE    64.22 301 P      50 55.50   0.4
FIG    64.25 300 eP     50 55.30  -0.1
AVE    65.12 296 iP     51 00.00  -1.1
TIO    65.79 293 iP     51 04.20  -1.4
PET    66.78  41 eP     51 10.00  -1.4
                 e      51 27.00
SLR    67.41 221 iP     51 15.60  -0.3
       0.8s    26.00nm        5.4mb
     Z 20s      6.66um        5.9Msz
KSR    68.31 222 iPc    51 20.50  -1.1
       0.8s    86.00nm        5.9mb
LBTB   68.44 223 eP     51 21.75  -0.6
       0.8s   141.39nm        6.1mb
SEK    69.78 219 iPc    51 30.70   0.2
       0.7s    33.00nm        5.5mb
BLF    71.19 220 eP     51 35.60  -3.5X
       1.2s    60.00nm        5.5mb
ILT    71.19  22 iPc    51 37.80  -0.6
       1.6s   212.00nm        5.9mb
                 i      52 02.20
BOSA   71.25 221 eP     51 38.40  -0.8
WIN    72.16 231 iPd    51 47.00   1.9
       1.0s    40.00nm        5.4mb
KIC    73.66 268 P      51 53.51  -0.3
       1.1s   179.00nm        6.0mb
TIC    73.77 269 P      51 54.13  -0.4
       1.0s   178.50nm        6.0mb
LIC    73.98 268 P      51 55.23  -0.4
       1.1s   140.00nm        5.9mb
GDH    74.12 342 iPd    51 56.50   1.0
       1.2s   203.13nm        6.0mb
                 i      52 04.00
GRM    74.22 217 eP     51 58.00   1.3
       0.5s    46.00nm        5.7mb
BRW    74.99  14 eP     52 00.67   0.1
MBC    75.11   2 eP     52 01.50   0.4
       0.9s    33.00nm        5.3mb
SMY    75.51  38 P      52 10.00   6.2X
     Z 20s      1.04um        5.1Msz
RES    76.37 356 eP     52 09.50   1.2
       1.0s     3.00nm        4.3mb X
KDS    77.37 277 iPd    52 15.00   0.1
ANM    77.51  21 eP     52 16.90   2.1
CER    78.29 221 iPd    52 01.50 -18.1X
       1.0s   120.00nm
WB2    78.68 120 iPd    52 21.40  -0.6
       0.4s    84.30nm        6.1mb
                 i      52 32.00
IMA    79.75  17 ePc    52 26.67  -0.6
       1.1s    47.80nm        5.4mb
ASPA   80.55 123 eP     52 31.00  -1.0
       0.9s    70.80nm        5.7mb
                 i      52 43.80
TTA    81.57  19 eP     52 36.81   0.0
       1.4s    39.02nm        5.2mb
INK    81.68   9 eP     52 37.50   0.4
       0.7s    13.00nm        5.1mb
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03d 22h

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FBA   82.13  15 eP    52 40.02   0.4
      1.1s   11.24nm        4.8mb X
FRB   82.22 343 eP    52 42.00   2.0
      0.9s    8.00nm        4.8mb X
SVW   83.10  20 eP    52 45.52   0.8
      1.3s  179.56nm          6.0mb
CP2   83.98  19 eP    52 49.96   0.5
PMR   84.57  18 eP    52 52.17   0.1
      1.3s   62.07nm          5.6mb
    Z  21s    2.54um          5.6Msz
TOA   84.90  16 ePc   52 55.30   1.5
      1.1s  170.40nm          6.2mb
KLU   85.48  16 eP    52 55.91  -0.9
SDN   85.76  26 eP    53 07.50   9.4X
      0.7s   20.90nm          5.5mb
BALM  86.74  15 eP    53 03.10   0.0
KDC   86.74  21 eP    53 03.13   0.2
      1.4s   60.07nm          5.6mb
CTA   88.06 114 iPd   53 10.00   0.1
                i     53 12.00
                i     53 22.00
ADE   90.58 130 eP    53 21.30  -0.2
STKA  90.84 126 iPd   53 20.80  -1.8
                ipP   53 29.20  26kmX
SIT   91.89  14 P     53 40.00  12.8X
    Z  18s    2.34um          5.7Msz
JAQ   92.62 340 eP    53 31.50   0.8
CBM   95.76 333 P     54 00.00  14.8X
    Z  18s    2.38um          5.7Msz
ARMA  97.45 120 eP    54 05.00  11.9X
LBNH  99.49 333 P     54 10.00   7.8X
    Z  21s    1.17um          5.4Msz
HRV  100.79 332 Pdiff 54 20.00  12.1X
    Z  21s    2.42um          5.7Msz
LSCT 102.16 333 Pdiff 54 20.00   6.0X
    Z  18s    3.65um          5.9Msz
BINY 102.78 335 Pdiff 54 30.00  13.2X
    Z  19s    1.71um          5.6Msz
YSNY 103.46 337 Pdiff 54 30.00  10.2X
    Z  18s    1.94um          5.7Msz
CEH  109.46 334 PKP   59 00.00  10.0X
    Z  21s    1.42um          5.5Msz
WDC  110.05  10 PKP   59 00.00   9.0X
    Z  19s    1.54um          5.6Msz
SLM  110.50 344 PKP   59 00.00   8.1X
    Z  20s    1.71um          5.6Msz
FVM  111.16 344 PKP   59 00.00   6.8X
    Z  19s    3.73um          6.0Msz
DUG  111.37   2 PKP   59 00.00   6.3X
    Z  18s    1.26um          5.5Msz
GLD  111.73 356 PKP   59 00.00   5.5X
    Z  20s    3.12um          5.9Msz
GOL  111.78 356 PKP   59 00.00   5.3X
    Z  18s    2.28um          5.8Msz
HON  111.98  48 PKP   59 00.00   4.8X
    Z  19s    1.07um          5.4Msz
MYNC 112.02 337 PKP   59 00.00   5.0X
    Z  21s    0.65um          5.2Msz
CMB  112.86   9 PKP   59 10.00  13.5X
    Z  19s    1.24um          5.5Msz
SAO  113.95  10 PKP   59 10.00  11.4X
    Z  18s    1.99um          5.8Msz
MIAR 115.19 345 PKP   59 10.00   9.0X
    Z  19s    1.21um          5.5Msz
ISA  115.44   8 PKP   59 10.00   8.4X
    Z  18s    1.75um          5.7Msz
ALQ  116.58 357 PKP   59 10.00   6.0X
    Z  21s    2.57um          5.8Msz
SPA  118.57 180 ePKP  59 13.00   6.4X
      1.0s    0.50nm
TUC  119.29   1 PKP   59 20.00  11.0X
    Z  18s    1.87um          5.7Msz
SIV  133.37 275 PKP   59 36.80   0.5
LPAZ 139.65 279 PKP   59 42.30  -6.5X
LPB  139.72 278 PKP   59 49.30   0.6
ARE  142.63 281 ePKP  59 52.00  -1.7
NNA  144.95 292 ePKP  59 56.70  -0.7
      1.2s   93.75nm
PEL  146.19 253 ePKP  00 00.00   1.0
      1.2s  406.25nm
    S.D. = 1.0  on 399 of 458 obs.
--------------------------------------
  JUN 03, 1994  22h 40m 59.09± 0.32s
  38.786 N ± 3.3km   26.492 E ± 2.9km
  DEPTH = 10.0km  (geophysicist)
  3.6mb (  1 obs.)
 AEGEAN SEA                       (365)
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        ML 4.0 (ATH), 4.0 (ISK).
PRK    0.49 340 iPbc  41 09.80   0.8
IZM    0.72 122 iPg   41 12.90  -0.3
                iSg   41 24.70
EZN    1.05 353 iPn   41 19.20   0.4
KGT    1.78  20 iPn   41 30.70   0.7
EDC    1.89  34 iPn   41 32.00   0.4
BNT    1.92  35 iPn   41 32.80   0.7
KCT    2.05  44 iPn   41 34.70   0.6
MFT    2.09  17 iPn   41 35.20   0.6
ALN    2.14 351 ePn   41 35.62   0.4
                iSn   42 03.02
ATH    2.33 250 ePn   41 42.70   4.7X
KHL    2.42 100 iPn   41 39.00  -0.4
PAIG   2.46 298 ePn   41 39.22  -0.6
                eSn   42 10.50
RDO    2.47 343 iPnc  41 40.00   0.0
OUR    2.48 309 ePn   41 39.82  -0.3
                eSn   42 11.02
CTT    2.79  32 iPn   41 44.20  -0.4
YLV    2.85  50 iPn   41 44.70  -0.8
KDZ    2.98 344 iPc   41 47.00  -0.2
ISK    3.01  40 iPn   41 47.70   0.0
SOH    3.16 311 ePn   41 49.38  -0.5
                eSn   42 27.46
HRT    3.18  49 iPn   41 49.50  -0.7
DMK    3.18  17 iPn   41 49.30  -0.8
RZN    3.20 335 iP    41 51.00   0.4
SRS    3.22 317 ePn   41 50.34  -0.4
AGG    3.26 275 ePn   41 50.98  -0.3
                eSn   42 30.88
THE    3.29 305 ePn   41 51.50  -0.1
                eSn   42 31.78
GPA    3.31  62 ePn   41 52.00   0.0
LIT    3.37 294 ePn   41 52.14  -0.6
                eSn   42 32.20
ELL    3.39 126 ePn   41 53.50   0.3
MMB    3.51 324 iP    41 54.00  -0.8
NPS    3.59 192 ePn   41 58.00   2.1
PLD    3.59 338 iP    41 56.00   0.2
KSL    3.62 136 ePn   41 56.20  -0.2
KNT    3.64 312 ePn   41 56.53  -0.2
                eSn   42 39.26
GRG    3.82 306 ePn   41 59.38   0.1
VAM    3.84 209 ePn   41 58.00  -1.5
VAY    3.93 311 iPn   42 01.60   0.8
                i     42 15.30
KKB    4.03 321 iP    42 02.00  -0.2
FNA    4.42 298 ePn   42 06.94  -0.8
VTS    4.55 328 iP    42 10.00   0.4
IGT    4.85 281 ePn   42 14.70   0.9
SKO    5.00 311 ePn   42 19.00   3.0X
BUC    5.63 357 eP    42 56.00  31.2X
ISR    6.35   0 eP    42 42.00   7.0X
CFR    6.51  10 eP    42 35.00  -2.2
MLR    6.71 357 eP    42 39.50  -0.7
VRI    7.08   1 eP    42 46.00   0.8
GEC2  13.63 322 P     44 27.20  12.3X
       0.7s     0.63nm
                e     44 33.00
                e     44 37.60
NB2   24.23 342 P     46 19.50   2.8
       0.7s     1.10nm       3.6mb
    S.D. = 0.9  on  43 of  48 obs.
-------------------------------------
  JUN 03, 1994  23h 02m 00.55± 0.25s
  10.395 S ± 4.5km  113.588 E ± 6.4km
  DEPTH = 23.9km  (  8 depth phases)
  5.6mb ( 39 obs.)
 SOUTH OF JAWA, INDONESIA       (282)
MBL   12.27 151 eP    04 48.00  -8.8X
KGM   16.01 320 eP    05 37.00  -9.0X
KKM   16.54   9 ePc   05 53.00   0.2
MEEK  16.84 164 eP    05 51.00  -5.5X
                eS    08 42.00
MRWA  18.86 173 iPd   06 16.20  -5.3X
IPM   19.44 319 ePd   06 27.00  -1.5
       0.8s    62.50nm       4.9mb
WARB  19.98 144 eP    06 33.00  -1.2
                eS    10 00.00
PPR   20.68  14 iPc   06 46.00   4.4X
DAV   21.07  35 eP    06 42.80  -2.8X
                eS    10 39.80
KLB   21.45 170 eP    06 50.00   0.7
COOL  21.56 162 iPc   06 48.40  -2.1
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                 eS    10 32.00
MUN    21.61 174 iPc   06 49.00  -2.0
SNG    21.71 323 eP    06 51.50  -0.6
       0.9s    67.23nm        5.1mb
NWAO   22.67 172 iPd   07 02.50   1.0
ASPA   23.44 127 iPd   07 10.00   0.9
       0.9s   136.30nm        5.5mb
PLP    24.23  28 ePd   07 18.00   1.3
BAG    27.52  15 eP    07 54.00   6.3X
NST    29.13 333 eP    08 03.00   1.0
LOE    30.01 337 iPc   08 10.00   0.1
BDT    31.02 332 eP    08 20.00   1.3
       1.0s   213.90nm        5.9mb
CHTO   32.42 333 iPd   08 32.50   1.4
       1.3s   200.98nm        5.9mb
ADE    33.51 141 e(P)  08 38.40  -2.1
KMI    36.85 343 P+    09 11.00   1.7
       1.2s   110.00nm        5.6mb
     Z  15s     2.40um        5.1MszX
     E  14s     1.50um
                 pP    09 19.00  27km
                 sP    09 23.00
GUMO   39.13  53 eP    09 28.80   0.6
       0.6s   217.80nm        6.1mb
                 e     09 35.30  22km
PJG    39.13  53 eP    09 28.80   0.6
GUA    39.14  53 eP    09 28.00  -0.3
TOO    39.42 139 eP    09 32.30   1.8
       0.9s    26.00nm        5.0mb
BWA    39.79 132 eP    09 36.30   2.7X
ARMA   40.57 125 eP    09 42.60   2.5
       1.0s    14.00nm        4.6mb
CAN    40.64 133 eP    09 41.70   1.2
CNB    40.89 133 eP    09 47.10   4.4X
       1.1s    19.00nm        4.7mb
SSE    41.89  10 Pc    09 52.50   1.8
       1.0s    59.00nm        5.3mb
                 pP    09 58.50  20km
GBA    43.07 303 P     10 00.00  -0.6
HYB    44.30 308 eP    10 10.00  -0.6
KAGJ   44.55  21 eP    10 11.40  -1.0
ODAN   44.93 326 P     10 15.44  -0.4
       0.9s   329.00nm        6.3mb
TAPN   45.14 327 P     10 17.80   0.2
       0.9s   269.00nm        6.2mb
RAMN   45.43 325 P     10 19.72  -0.1
       0.9s   124.00nm        5.8mb
KUMJ   45.75  20 eP    10 21.40  -0.6
JIRN   46.21 326 P     10 26.18   0.0
       0.8s   315.00nm        6.3mb
GUN    46.58 325 P     10 28.82  -0.2
       0.8s   285.00nm        6.3mb
PKI    46.58 325 P     10 28.28  -0.7
       0.9s   138.00nm        5.9mb
DMN    46.79 325 P     10 30.14  -0.4
       0.9s   269.00nm        6.2mb
KKN    46.82 325 P     10 30.28  -0.5
       0.9s   191.00nm        6.1mb
LZH    47.13 349 eP    10 34.00   1.0
       2.0s   106.00nm        5.5mb
                 pP    10 42.50  28km
SHNJ   47.30  20 eP    10 40.30   6.2X
GKN    47.35 324 P     10 34.26  -0.6
       1.0s   286.00nm        6.3mb
KOLN   47.78 323 P     10 37.72  -0.6
       0.8s    72.00nm        5.8mb
DANN   48.12 324 P     10 40.54  -0.5
       0.9s   242.00nm        6.2mb
TKSJ   48.23  23 P     10 41.10  -0.3
PYUN   48.38 323 P     10 42.28  -0.7
       1.0s   229.00nm        6.2mb
WKYJ   49.04  24 P     10 46.40  -1.4
YONJ   49.08  22 P     10 47.40  -0.6
BJI    50.23   3 eP    10 56.00  -0.7
       1.2s    15.00nm        4.9mb
                 e     11 03.50  25km
                 e     11 17.50
CHJJ   52.04  26 P     11 09.30  -1.2
MAT    52.12  25 (P)   11 09.00  -2.2
       1.1s    25.32nm        5.1mb
NDI    52.38 319 eP    11 11.50  -1.7
OFUJ   55.73  26 eP    11 36.90  -0.7
VLA    55.82  16 iPc   11 39.00   0.8
       1.8s   602.00nm        6.3mb
CSY    55.86 181 eP    11 36.80  -1.4
       0.9s    14.20nm        5.0mb
ASAJ   60.33  24 eP    12 09.00  -0.8
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KUSJ   60.34  26 eP     12 08.70  -1.2
ZAK    61.19 352 iPc    12 15.00  -0.5
       1.5s    38.00nm           5.3mb
CIT    62.14   0 eP     12 28.00   6.0X
YSS    62.79  22 (P)    12 25.00  -1.3
       1.4s    60.00nm           5.5mb
                  e     12 32.00  23km
FRU    63.82 329 iP     12 34.00   0.8
       2.0s    90.00nm           5.6mb
MAW    66.15 199 eP     12 48.00   0.1
       1.0s    25.00nm           5.3mb
BOD    68.00   0 iPd    12 59.50  -0.2
       1.3s    52.00nm           5.5mb
MAIO   68.87 315 iPc    13 05.00  -0.7
ASH    70.51 316 eP     13 16.00   0.5
YAK    73.28   8 iPc    13 31.00  -0.5
       1.2s   259.00nm           6.1mb
PET    73.92  26 eP     13 36.00   0.6
       2.0s   200.00nm           5.8mb
SYO    74.67 201 ePd    13 38.10  -1.4
SPA    79.67 180 eP     14 08.00   0.4
       1.0s     1.50nm           4.0mb X
SVE    79.85 334 iPc    14 09.30   0.9
       2.3s   100.00nm           5.4mb
                  e     14 17.00  24km
SLR    81.37 245 eP     14 17.50   0.1
GRO    81.53 317 eP     14 20.00   2.4
KSR    82.59 245 eP     14 20.00  -3.8X
BOSA   83.51 242 eP     14 30.60   2.4
PYA    83.55 317 iP     14 29.00   0.9
                  i     14 36.00  22km
KIV    83.77 317 eP     14 30.50   1.2
                  e     17 45.50
OBN    91.11 326 eP     15 05.00   0.7
       1.5s    35.00nm           5.5mb
                  e     15 20.00  51kmX
                  eS    26 02.00
ILT    91.42  21 ePc    15 07.20   1.7
       1.3s    13.00nm           5.1mb
KAF    97.83 332 eP     15 34.90   0.0
       1.3s    11.70nm           5.3mb
NB2   105.02 331 PKP    20 36.00  14.0X
       0.7s     0.80nm
LMN   144.64 358 ePKP   21 37.50   0.5
       1.0s     7.00nm
XIN   145.40 236 ePKP   21 40.20   1.0
                  e     21 43.00
SOB1  148.00 233 ePKP   21 47.90   4.4X
                  e     21 50.40
                  e     21 55.10
BAO   148.35 215 ePKP   21 47.00   2.9X
CCH   152.40 181 ePKP   22 00.00   9.6X
LPB   153.19 176 PKP    21 55.10   3.5X
SIV   153.26 191 PKP    21 53.40   2.2X
LPAZ  153.43 176 PKP    21 55.50   3.3X
     S.D. = 1.1  on  74 of  93 obs.
--------------------------------------
% JUN 03, 1994  23h 07m 28.83± 0.71s
  40.333 N ± 5.9km   29.470 E ± 5.3km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
     ML 2.8 (ISK).

IZI     0.00  29 iPg    07 30.70  -0.1
YLV     0.25 342 iPg    07 34.70   0.6
                 iSg    07 36.70
HRT     0.51  17 iPg    07 38.70  -0.5
EYL     0.57  66 iPg    07 40.70   0.1
ISK     0.80 337 ePg    07 44.20  -0.1
                 eSg    07 56.20
KCT     0.86 265 iPg    07 45.70   0.4
DST     0.97 222 iPg    07 47.60   0.2
CTT     1.13 316 iPn    07 50.40   0.3
EDC     1.23 271 ePn    07 51.00  -0.7
KGT     1.66 275 ePn    07 57.70  -0.4
     S.D. = 0.5  on  10 of  10 obs.
--------------------------------------
  JUN 03, 1994  23h 19m 24.62± 0.40s
  10.945 S ± 7.1km  113.049 E ±12.2km
  DEPTH =  33.0km  (normal)
 SOUTH OF JAWA, INDONESIA        (282)

MBL    12.07 148 eP     22 15.00  -2.3
                 eS     24 20.00
MEEK   16.47 162 eP     23 16.00   1.1
                 eS     26 08.00
MTN    17.79  98 eP     23 36.50   5.0X
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       0.4s    25.00nm           4.7mb
MRWA   18.39 172 eP     23 40.00   1.2
                 eS     26 53.00
BAL    19.86 171 eP     24 00.00   4.1X
                 eS     27 26.00
WARB   19.87 142 eP     24 01.00   5.0X
                 eS     27 30.00
KLB    21.00 169 eP     24 15.00   7.2X
                 eS     27 53.00
MUN    21.13 173 eP     24 18.00   8.9X
                 eS     27 55.00
COOL   21.22 160 eP     24 17.00   7.1X
                 eS     27 56.50
NWAO   22.21 171 eP     24 32.00  12.1X
ASPA   23.55 125 iPc    24 39.10   6.0X
       0.6s    65.50nm           5.3mb
                 i      24 50.30
                 eS     28 57.30
FORT   24.16 147 eP     24 45.00   6.1X
STKA   33.59 133 iPd    26 08.90   4.9X
GBA    42.93 304 P      27 33.00  10.7X
ODAN   45.09 327 P      27 39.87   0.0
       0.9s    72.00nm           5.6mb
TAPN   45.31 328 P      27 42.33   0.6
       0.8s    36.00nm           5.3mb
RAMN   45.59 326 P      27 44.49   0.6
JIRN   46.37 326 P      27 50.25   0.1
       0.7s    53.00nm           5.6mb
PKI    46.73 326 P      27 52.57  -0.4
GUN    46.74 326 P      27 53.25   0.2
       0.6s    39.00nm           5.6mb
DMN    46.93 325 P      27 54.35  -0.1
       0.8s    90.00nm           5.8mb
KKN    46.97 326 P      27 54.47  -0.3
       0.9s    41.00nm           5.4mb
GKN    47.49 325 P      27 58.29  -0.5
       0.8s    51.00nm           5.6mb
LZH    47.58 350 Pd     27 59.50   0.1
       1.4s    34.00nm           5.2mb
KOLN   47.91 324 P      28 01.75  -0.4
       0.7s    24.00nm           5.3mb
DANN   48.25 325 P      28 04.59  -0.3
       0.7s    82.00nm           5.9mb
PYUN   48.51 324 P      28 06.09  -0.7
       0.9s    70.00nm           5.7mb
TKSJ   48.94  23 P      28 10.70   1.0
WKYJ   49.76  25 P      28 17.10   1.0
YONJ   49.79  22 P      28 16.80   0.5
BJI    50.81   3 eP     28 24.00   0.1
       1.0s     6.00nm           4.5mb
MAT    52.84  25 (P)    28 38.00  -1.4
       0.7s     8.22nm           4.8mb
SPA    79.12 180 eP     31 32.00   4.6X
       1.0s     1.00nm           3.8mb X
SOB1  147.25 233 ePKP   39 09.70   4.8X
CCH   151.84 182 PKP    39 24.50  12.2X
LPB   152.68 178 PKP    39 21.20   7.6X
LPAZ  152.92 178 PKP    39 23.00   8.8X
     S.D. = 0.9  on  21 of  37 obs.
--------------------------------------
  JUN 03, 1994  23h 42m 31.07± 0.26s
  10.473 S ± 4.7km  112.810 E ± 6.4km
  DEPTH =  32.3km  ( 18 depth phases)
  5.5mb ( 35 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

NANU   12.30 168 iPc    45 19.00  -7.9X
                 eS     47 25.00
MBL    12.59 148 eP     45 22.00  -8.8X
       0.3s    20.00nm           5.7mb
                 eS     47 28.00
KGM    15.59 322 eP     46 10.00  -0.3
KKM    16.75  12 ePc    46 27.50   2.3
MEEK   16.99 162 eP     46 22.00  -6.0X
       0.4s    48.00nm           5.0mb
                 eS     49 16.00
MTN    18.10  99 eP     46 42.00   0.2
       0.4s    38.00nm           4.9mb
MRWA   18.89 171 iPd    46 46.20  -5.2X
                 eS     50 01.00
IPM    19.01 321 ePd    46 51.50  -1.5
       0.7s    43.10nm           4.8mb
BAL    20.36 170 eP     47 05.00  -2.7
                 eS     50 38.00
WARB   20.38 142 eP     47 06.00  -1.9
                 eS     50 39.00
PPR    20.96  17 ePc    47 14.00   0.1
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SNG    21.33 325 eP     47 18.00   0.4
                 eS     53 24.00
KLB    21.51 168 eP     47 20.00   0.6
                 eS     51 03.00
DAV    21.58  37 eP     47 20.80   0.6
                 eS     51 20.50
MUN    21.63 172 eP     47 20.00  -0.6
                 eS     51 07.50
COOL   21.74 160 eP     47 20.00  -1.7
                 eS     51 06.50
CGP    22.21  33 eP     47 31.00   4.5X
BIP    22.89  36 eP     47 37.00   3.8X
PLP    24.67  30 ePd    47 51.00   0.6
FORT   24.68 147 eP     47 50.00  -0.4
       0.6s    38.00nm           5.1mb
QCP    26.26  18 eP     48 11.00   5.6X
NNT    26.34 330 eP     48 07.80   1.7
BAG    27.80  16 eP     48 21.00   1.4
NST    28.85 334 eP     48 31.00   2.1
CVP    29.38  18 eP     48 34.00   0.3
LOE    29.79 338 eP     48 37.00  -0.3
BDT    30.74 333 eP     48 45.00  -0.7
       1.0s    89.70nm           5.5mb
CHTO   32.15 335 eP     48 58.80   0.6
       1.4s   225.48nm           5.9mb
CTA    33.59 111 iP     49 10.00  -0.7
                 i      49 21.00  40km
ADE    33.93 140 e(P)   49 08.40  -5.2X
STKA   34.08 133 iPc    49 14.00  -0.8
                 ipP    49 24.40  37km
KMI    36.72 345 P+     49 40.00   2.5
       1.4s   100.00nm           5.5mb
     Z  16s     3.70um           5.3MszX
     N  14s     2.50um
     E  14s     2.10um
                 pP     49 49.00  30km
                 sP     49 55.00
GUMO   39.79  54 eP     49 52.40 -10.7X
       1.1s   147.30nm
                 e      50 02.30  34km
GUA    39.80  54 eP     49 53.00 -10.2X
TOO    39.88 138 eP     50 06.10   2.5
       1.0s    98.00nm           5.5mb
BWA    40.30 132 eP     50 09.70   2.5
                 i      50 19.70  34km
                 i      50 27.40
CAN    41.14 133 eP     50 15.00   0.9
                 i      50 24.90  33km
                 i      50 32.80
ARMA   41.15 125 eP     50 19.30   5.0X
       1.1s    15.00nm           4.6mb
SHL    41.21 331 iPd    50 15.50   0.6
                 iS     56 28.50
CNB    41.40 133 eP     50 18.00   1.7
       1.3s    68.00nm           5.2mb
                 i      50 27.00  30km
RIV    42.08 130 eP     50 34.20  12.5X
SSE    42.10  11 P      50 20.00  -1.8
       1.0s    24.00nm           4.9mb
     Z  20s     1.40um           4.8Msz
                 pP     50 28.00  27km
                 sP     50 33.50
                 S      56 44.00
GBA    42.48 304 P      50 24.60  -0.5
       0.6s    18.00nm           5.0mb
HYB    43.75 309 eP     50 35.00  -0.5
       1.0s    50.00nm           5.3mb
TAU    44.11 143 eP     50 48.00   9.9X
ODAN   44.57 327 P      50 41.81  -0.5
TAPN   44.79 328 P      50 44.25   0.1
KAGJ   44.91  22 eP     50 44.60  -0.1
RAMN   45.07 326 P      50 46.05  -0.3
JIRN   45.85 326 P      50 51.99  -0.6
       1.0s   237.00nm           6.1mb
KUMJ   46.10  21 eP     50 52.20  -1.9
PKI    46.21 326 P      50 54.59  -0.8
       0.1s   178.00nm           6.9mb X
GUN    46.22 326 P      50 55.05  -0.4
       0.7s   157.00nm           6.1mb
DMN    46.41 325 P      50 56.77  -0.1
KKN    46.45 326 P      50 56.91  -0.3
LZH    47.07 350 Pc     51 02.50   0.6
       2.0s   226.00nm           5.8mb
     Z  15s     1.70um           5.1MszX
     N  14s     1.25um
                 eSS    01 16.00
                 pP     51 12.00  32km
```

03d 23h

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                sP    51 17.00
                PP    52 53.00
                eS    57 55.00
                sS    58 07.00
KOLN   47.39 324 P    51 03.33  -1.3
       0.2s    78.00nm         6.3mb
SHNJ   47.64  21 eP   51 07.10   0.9
DANN   47.74 325 P    51 06.55  -0.9
PYUN   47.99 324 P    51 07.73  -1.6
POO    48.04 307 eP   51 19.00   9.3X
TKSJ   48.60  24 eP   51 13.50  -0.2
WKYJ   49.43  25 P    51 20.00  -0.2
YONJ   49.44  22 P    51 19.70  -0.4
BJI    50.35   3 eP   51 26.00  -1.0
       1.0s    11.00nm         4.8mb
     Z  24s     1.61um         5.0MszX
     N  20s     1.49um
                esP   51 36.50
                eS    58 34.00
CHJJ   52.45  27 eP   51 42.90  -0.1
MAT    52.52  26 (P)  51 42.00  -1.5
       1.4s    62.79nm         5.4mb
YAMJ   54.68  26 eP   51 58.10  -1.3
CSY    55.76 181 eP   52 06.10  -0.7
       0.9s     6.10nm         4.6mb
                ipP   52 16.50  34km
VLA    56.11  17 iPc  52 08.00  -1.6
       1.1s   206.00nm         6.1mb
                ePS   00 16.00 267kmX
                e     01 53.00
                eSS   03 42.00
                e     53 07.00
                e     54 21.00
                ePPP  55 31.00
                eS    59 57.00
OFUJ   56.15  27 eP   52 08.50  -1.5
ASAJ   60.71  24 eP   52 39.50  -2.2
KUSJ   60.75  26 eP   52 41.40  -0.6
ZAK    61.17 353 eP   52 44.00  -0.7
       1.5s    90.00nm         5.7mb
                e     53 22.50 163kmX
CIT    62.22   1 eP   52 52.80   1.0
IRK    62.92 354 eP   52 55.50  -0.9
                e     53 05.50  32km
                e     55 18.00
YSS    63.15  22 eP   52 56.00  -2.0
                i     53 07.30  38km
FRU    63.49 329 iPc  53 01.80   1.4
       3.0s   180.00nm         5.7mb
                i     53 11.00  30km
BOD    68.09   1 eP   53 28.90  -0.6
       1.5s    85.00nm         5.6mb
MAIO   68.39 316 eP   53 31.00  -1.0
ASH    70.04 317 eP   53 43.00   1.1
SKR    71.56  27 eP   53 49.80  -1.1
       0.6s    40.00nm         5.6mb
YAK    73.46   8 iPc  54 01.80  -0.1
       1.5s   276.00nm         6.0mb
NAI    76.01 271 eP   54 21.00   3.2X
SVE    79.58 334 ePd  54 37.00   0.7
       2.5s   350.00nm         5.9mb
SPA    79.59 180 iPc  54 37.30   0.8
       1.5s    14.77nm         4.8mb
ARU    80.23 333 eP   54 40.00   0.2
                e     54 48.00  25km
SLR    80.64 245 iPd  54 43.50   0.6
       1.5s    69.44nm         5.4mb
GRO    81.06 317 iPc  54 43.00  -1.5
       2.0s   240.00nm         5.9mb
PYA    83.08 317 iPc  54 57.00   2.0
                i     55 06.00  28km
                e     58 09.00
SOC    85.19 316 eP   55 06.00   0.4
       3.0s   348.00nm         6.0mb
MOS    90.38 327 eP   55 32.00   1.8
                e     55 43.00  35km
                e     59 08.00
OBN    90.75 326 eP   55 33.00   1.1
       1.5s    70.00nm         5.8mb
                eS    06 28.00  31km
                i     55 43.00
                e     59 11.00
ILT    91.76  21 iPd  55 38.20   1.8
       2.2s    61.00nm         5.6mb
                i     55 48.40  32km
KAF    97.54 332 eP   56 02.00  -0.9
       0.5s     2.50nm         5.0mb
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NUR    98.12 330 eP    56 06.10   0.6
TUL   143.75  41 iPKPc 02 05.00   0.0
GAC   144.18  10 ePKP  02 05.00  -0.4
LMN   144.69 357 ePKP  02 08.50   2.2X
        1.2s      22.00nm
XIN   144.72 237 ePKP  02 07.00  -0.3
ACTO  145.15  16 PKP   02 07.76   0.6
ELF   145.16  18 PKP   02 07.70   0.5
WLVO  145.29  14 PKP   02 08.20   0.9
LDN   145.34  18 PKP   02 08.50   1.0
DLA   145.38  19 PKP   02 08.95   1.4
TYNO  145.67  17 PKP   02 09.56   1.5
STCO  145.76  16 PKP   02 09.70   1.5
SOB1  147.34 234 ePKP  02 14.90   3.3X
BAO   147.84 217 ePKP  02 15.10   2.6X
CCH   152.30 182 ePKP  02 24.00   4.5X
SIV   153.02 193 PKP   02 22.70   2.6X
LPB   153.15 178 PKP   02 27.10   6.3X
LPAZ  153.40 178 PKP   02 24.10   2.7X
       S.D. = 1.2  on  91 of 113 obs.
-------------------------------------
% JUN 03, 1994  23h 44m 15.42± 3.75s
  40.650 N ± 7.6km   29.814 E ±29.0km
  DEPTH =  10.0km  (geophysicist)
TURKEY                          (366)
      ML 2.8 (ISK).

HRT      0.20 327 iPg   44 19.70  -0.2
YLV      0.35 256 iPg   44 22.20  -0.4
IZI      0.41 220 iPg   44 23.70  -0.1
                  eSg   44 30.70
ISK      0.71 306 ePg   44 29.10  -0.3
                  eSg   44 39.20
CTT      1.16 296 ePg   44 37.70   0.6
EDC      1.52 259 ePn   44 43.00   0.4
       S.D. = 0.5  on   6 of   6 obs.
-------------------------------------
* JUN 03, 1994  23h 58m 56.73± 3.00s
  41.461 N ±18.8km   20.321 E ±16.4km
  DEPTH =   5.0km  (geophysicist)
ALBANIA                         (391)
      ML 2.4 (TTG), 2.2 (TIR).

PHP      0.24  22 iPgc  58 59.60  -2.0
TIR      0.36 252 ePg   59 04.20   0.2
                  iSg   59 10.60
LACI     0.49 291 ePg   59 04.50  -2.1
                  iSg   59 14.00
ULC      0.95 302 iPgd  59 14.52  -0.7
                  iSg   59 29.37
PVY      1.16 347 iPgc  59 20.08   1.1
                  iSg   59 39.61
TTG      1.25 321 P     59 20.20  -0.2
                  iSg   59 40.04
BDV      1.39 307 iPgc  59 22.54  -0.2
                  iSg   59 44.17
IVA      1.44 348 iPnc  59 25.46   1.8X
                  iSn   59 48.66
NKY      1.67 324 iPnc  59 27.81   0.9
                  iSn   59 52.75
HCY      1.68 307 iPnc  59 27.55   0.7
                  iSn   59 52.51
VAY      1.70  94 ePn   59 32.40   5.3X
BRY      1.95 318 ePn   59 31.70   0.7
                  iSn   59 59.64
PLE      1.99 340 iPnd  59 33.02   1.5
                  iSn   00 01.69
       S.D. = 1.3  on  11 of  13 obs.
-------------------------------------
* JUN 04, 1994  00h 17m 58.45± 1.02s
  35.216 N ± 8.8km    4.043 W ±11.1km
  DEPTH =  10.0km  (geophysicist)
STRAIT OF GIBRALTAR             (385)

EMEL     0.89  84 iPd   18 15.90   0.3
                  eS    18 23.60
TAF      1.40 106 ePg   18 24.00   0.0
                  eSg   18 44.00
EGUA     1.66  13 eP    18 26.46  -1.3
                  eS    18 41.10
ERON     1.81   6 eP    18 29.20  -0.8
                  eS    18 47.60
IFR      1.92 208 iPg   18 31.50  -0.1
                  iSg   18 55.00
ELOJ     1.93 357 eP    18 33.56   1.9
                  eS    18 53.50
       S.D. = 1.4  on   6 of   6 obs.
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? JUN 04, 1994  00h 19m 52.48± 7.71s
  37.483 S ±19.3km  179.706 E ±65.1km
  DEPTH =  33.0km  (normal)
OFF E. COAST OF N. ISLAND, N.Z. (160)
      ML 4.1 (WEL).

HBZ      1.12 264 P     20 11.70  -0.2
PUZ      1.29 242 P     20 15.60   1.3
                  eS    20 31.90
MAHZ     2.23 220 eP    20 29.10   1.3
                  eS    20 57.00
TTH      3.05 227 eP    20 40.50   1.0
WAHZ     3.43 229 eP    20 44.70  -0.3
NGZ      3.64 241 eP    20 47.40  -0.7
MOZ      4.01 254 eP    20 53.20   0.1
MNG      4.54 225 eP    20 58.20  -2.5
WCZ      4.57 288 P     21 00.80  -0.3
OUZ      5.42 293 eP    21 13.40   0.3
       S.D. = 1.3  on  10 of  10 obs.
-------------------------------------
? JUN 04, 1994  00h 26m 14.31± 1.24s
  40.488 N ± 8.4km   27.930 E ±12.8km
  DEPTH =  10.0km  (geophysicist)
TURKEY                          (366)
      ML 2.7 (ISK).

BNT      0.13 183 iPg   26 17.00  -0.5
EDC      0.15 200 iPg   26 18.00   0.2
KCT      0.40 126 ePg   26 22.60   0.0
                  eSg   26 31.60
CTT      0.76  30 iPg   26 29.10  -0.1
                  iSg   26 39.60
       S.D. = 0.5  on   4 of   4 obs.
-------------------------------------
  JUN 04, 1994  00h 39m 42.68± 0.25s
  38.772 N ± 2.5km   26.495 E ± 2.2km
  DEPTH =  23.9 ±  2.5 km
AEGEAN SEA                      (365)
      ML 3.9 (ATH), 3.9 (ISK), 3.7
      (THE).

PRK      0.50 340 iPbc  39 52.00  -0.9
IZM      0.71 122 iPg   39 56.10  -0.2
                  iSg   40 09.00
EZN      1.06 353 iPn   40 01.80  -0.2
KGT      1.79  20 iPn   40 12.60   0.1
EDC      1.90  34 iPn   40 14.00   0.0
BNT      1.93  34 iPn   40 14.60   0.1
KCT      2.06  44 ePn   40 16.60   0.1
MFT      2.10  17 iPn   40 16.10  -1.0
ALN      2.15 351 ePn   40 17.86   0.2
                  eSn   40 46.06
ATH      2.33 251 ePb   40 25.20   5.1X
KHL      2.42 100 iPn   40 21.00  -0.6
PAIG     2.47 299 ePn   40 22.26   0.0
                  eSn   40 53.02
RDO      2.48 343 ePn   40 23.00   0.6
OUR      2.49 310 ePn   40 22.22  -0.3
                  eSn   40 53.34
IZI      2.78  55 ePn   40 27.00   0.3
CTT      2.80  31 iPn   40 27.40   0.5
YLV      2.85  50 ePn   40 27.60  -0.1
ISK      3.02  40 ePn   40 30.00   0.0
SOH      3.17 311 ePn   40 32.22   0.0
                  eSn   41 10.42
HRT      3.19  49 ePn   40 32.60   0.1
DMK      3.20  17 iPn   40 32.80   0.3
SRS      3.23 317 iPn   40 32.62  -0.5
                  eSn   41 12.32
AGG      3.26 276 ePn   40 33.26  -0.2
                  eSn   41 13.82
THE      3.30 305 ePn   40 33.74  -0.2
                  eSn   41 13.38
LIT      3.37 294 iPn   40 35.34   0.3
                  eSn   41 14.90
ELL      3.38 126 ePn   40 35.00  -0.2
BCK      3.48 111 ePn   40 36.00  -0.7
VLI      3.49 235 ePn   40 35.20  -1.5
NPS      3.57 192 ePn   40 39.00   1.0
KSL      3.61 136 ePn   40 39.00   0.5
KNT      3.65 312 ePn   40 39.21   0.2
                  iSn   41 22.46
VAM      3.83 209 ePn   40 42.00   0.5
GRG      3.83 306 ePn   40 42.13   0.5
                  eSn   41 26.62
KZN      3.96 294 ePn   40 47.00   3.5X
```

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FNA      4.43 299 ePn   40 49.52  -0.6
IGT      4.85 281 ePn   40 56.60   0.6
TIR      5.70 299 iPgd  41 58.70  50.7X
                  iSg   42 09.10
LACI     5.93 301 iPgc  41 54.00  42.8X
                  iSg   42 00.00
SDA      6.26 304 iPgd  41 50.50  34.6X
                  iSg   41 57.50
ISR      6.36   0 eP    41 29.00  11.6X
                  e     11 20.00
MLR      6.73 357 eP    41 22.00  -0.6
VRI      7.10   1 eP    41 28.50   0.9
HVAR     8.78 303 i(Pn) 42 33.80  42.7X
      S.D. = 0.6 on 36 of 43 obs.
-------------------------------------
% JUN 04, 1994 00h 41m 48.16± 0.91s
   41.877 N ± 8.5km   19.425 E ± 7.3km
   DEPTH =  10.0km  (geophysicist)
 ALBANIA                         (391)
      ML 2.9 (TTG), 2.7 (TIR).

ULC      0.16 303 iPgc  41 51.27  -0.5
                  iSg   41 54.72
TTG      0.57 348 iPgc  41 58.69  -0.9
                  iSg   42 08.78
BDV      0.60 313 iPgd  41 58.93  -1.4
                  iSg   42 09.01
PHP      0.78 104 iPgc  42 02.60  -0.8
                  iSg   42 15.60
PVY      0.83  29 iPgd  42 03.87  -0.3
                  iSg   42 16.89
HCY      0.89 310 iPgd  42 05.37   0.1
                  iSg   42 19.23
NKY      0.99 341 iPgd  42 07.93   1.0
                  iSg   42 23.93
IVA      1.05  19 iPgc  42 07.57  -0.5
                  iSg   42 25.30
BRY      1.21 328 iPgd  42 11.48   0.6
                  iSg   42 30.45
PLE      1.45 359 iPgc  42 16.72   2.2
                  iSg   42 38.72
KBN      1.62 140 ePn   42 17.50   0.6
      S.D. = 1.2 on 11 of 11 obs.
-------------------------------------
   JUN 04, 1994  00h 52m 35.77± 0.28s
    2.984 S ± 5.1km  129.127 E ± 6.0km
   DEPTH =  22.3km  ( 5 depth phases)
   5.3mb ( 29 obs.)
 SERAM, INDONESIA                (272)

MKS      9.88 257 iPc   55 02.40   2.7
MTN     10.00 169 eP    55 01.00  -0.2
        0.4s    175.00nm       6.8mb X
                  eS    56 52.00
BIP     11.50 346 eP    55 21.50  -0.3
CGP     12.19 339 eP    55 43.00  11.9X
KNA     12.69 182 eP    55 38.80   1.0
        0.6s    238.00nm       6.5mb X
TSM     13.37 303 ePc   55 44.70  -2.1
MAP     14.18 339 eP    56 07.00   9.5X
KKM     15.71 305 ePd   56 17.00  -0.5
PGP     18.28 334 ePc   56 51.50   1.7
PMG     19.02 110 eP    56 59.00   0.1
QCP     19.24 336 eP    57 09.00   7.5X
BAG     21.04 337 eP    57 20.50  -0.4
ASPA    21.07 168 iPd   57 19.30  -1.8
        0.5s    251.30nm       5.9mb
                  ipP   57 30.50  45kmX
                  iS    01 08.90
LEM     21.76 259 ePc   57 29.00   0.8
CVP     21.78 341 eP    57 29.00   0.8
WARB    23.19 186 eP    57 42.00  -0.1
CTA     23.84 137 iPc   57 49.50   1.1
        1.0s     15.00nm        4.5mb
                  ipP   57 54.00  16km
                  eS    02 12.00
KGM     26.27 281 ePd   58 12.90   1.3
IPM     29.07 285 eP    58 38.00   1.0
STKA    31.04 159 iPc   58 52.70  -1.6
                  i     58 59.50  24km
ADE     33.04 165 e(P)  59 11.00  -0.9
NNT     33.04 299 eP    59 13.00   1.0
LOE     33.78 308 eP    59 18.50   0.1
BDT     35.88 305 eP    59 38.00   1.6
CHTO    36.76 307 iPc   59 44.80   1.0
        1.1s     38.87nm        5.2mb
TKSJ    37.06   7 P     59 46.00  -0.1
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CAN     37.08 153 eP    59 50.00   3.7X
                  ipP   59 55.90  20km
CNB     37.24 152 eP    59 55.00   7.3X
        1.1s     17.00nm        4.8mb
WKYJ    37.50   9 P     59 56.90   7.0X
TOO     37.55 158 eP    59 52.20   1.9
        0.9s     33.00nm        5.2mb
KMI     37.90 319 Pd-   59 55.00   1.5
        1.0s     20.00nm        4.9mb
                  pP    00 03.00  27km
YONJ    38.19   6 P     59 56.50   0.9
MAT     40.22  11 (P)   00 08.00  -4.5X
        0.8s      5.97nm        4.4mb
DZM     40.88 121 iPc   00 18.00  -0.2
LZH     45.48 331 eP    00 55.50   0.0
        1.4s     31.00nm        5.1mb
                  pP    01 03.00  25km
TAPN    50.02 310 P     01 30.74  -0.5
        0.7s     40.00nm        5.5mb
ODAN    50.02 309 P     01 31.06  -0.1
        0.8s     59.00nm        5.6mb
RAMN    50.68 309 P     01 36.38   0.2
        0.8s     82.00nm        5.7mb
JIRN    51.35 309 P     01 41.00  -0.4
        0.9s     40.00nm        5.4mb
GUN     51.71 309 P     01 43.66  -0.5
        0.7s     63.00nm        5.6mb
PKI     51.91 309 P     01 44.12  -1.5
KKN     52.11 309 P     01 45.96  -1.1
        0.8s     38.00nm        5.4mb
DMN     52.16 309 P     01 46.46  -1.0
        1.0s     59.00nm        5.5mb
GKN     52.71 309 P     01 50.48  -1.0
        0.9s     74.00nm        5.6mb
KOLN    53.42 308 P     01 56.02  -0.7
        0.8s     65.00nm        5.6mb
DANN    53.56 309 P     01 56.82  -1.0
        0.9s     87.00nm        5.8mb
HYB     53.83 294 eP    01 58.50  -1.1
        1.0s     40.00nm        5.4mb
GBA     53.85 289 P     01 57.30  -2.4
        0.9s     10.00nm        4.8mb
PYUN    54.05 308 P     02 00.68  -0.6
        0.9s     90.00nm        5.8mb
CSY     64.53 188 iPc   03 12.10  -0.8
        0.7s     11.30nm        5.1mb
ADK     71.24  32 (P)   03 53.55  -1.6
        0.7s      5.09nm        4.7mb
MAIO    75.51 309 iPc   04 20.00  -0.6
SDN     81.42  33 eP    04 51.62  -0.6
        0.6s     16.86nm        5.3mb
SVW     85.51  28 eP    05 13.81   0.7
        0.8s     27.26nm        5.5mb
TTA     85.79  26 eP    05 15.20   0.6
        1.1s      7.91nm        4.8mb
KDC     86.32  32 eP    05 16.43  -0.6
        0.8s     10.10nm        5.1mb
SPA     87.03 180 iPc   05 19.70  -1.0
        1.0s      1.00nm      4.0mb X
SLKM    87.98  29 eP    05 24.43  -0.7
BALM    91.87  29 eP    05 43.74   0.3
INK     95.48  22 eP    06 00.50   0.7
        1.0s      2.00nm        4.5mb
MBC     97.92  13 eP    06 14.00   3.3X
RES    103.93  11 ePdiff06 41.00   3.5X
YKA    104.54  25 ePdiff06 42.50   2.0
        0.8s      0.60nm        4.5mb
RSSD   117.85  41 (PKP) 11 25.76   3.0X
ALQ    119.55  51 ePKP  11 28.71   2.5X
LTX    123.54  57 ePKP  11 35.29   1.4
WMOK   125.50  49 ePKP  11 39.47   2.1X
MIAR   129.42  46 (PKP) 11 46.21   1.3
UFRS   147.15 180 ePKP  12 19.30   2.1X
ARE    151.92 134 ePKP  12 33.00   7.8X
LPAZ   154.35 139 PKP   12 38.70   9.7X
      S.D. = 1.1 on 56 of 71 obs.
-------------------------------------
   JUN 04, 1994  00h 57m 50.66± 0.13s
   10.777 S ± 3.4km  113.366 E ± 3.8km
   DEPTH =  11.2km  (geophysicist)
   6.0mb ( 71 obs.)  6.3Msz ( 54 obs.)
 SOUTH OF JAWA, INDONESIA        (282)
      Mw 6.2 (GS), 6.5 (HRV). Ms 6.0
      (BRK). Mo=1.2*10**19 Nm (PPT).
      Depth from broadband
      displacement seismograms.
      FAULT PLANE SOLUTION: P-Waves
```

```
 NP1:Strike=305 Dip=60 Slip= -35
 NP2:        54     60     -145
 Principal Axes:
 T                Plg= 0  Azm=180
 P                    45      270
Comment: The focal mechanism is
  moderately well controlled
  and corresponds to strike-
  slip faulting with a large
  normal component. The
  preferred fault plane is not
  determined.
RADIATED ENERGY
 No. of sta:  23  Focal mech.  F
 Energy         3.3±0.6*10**14 Nm
MOMENT TENSOR SOLUTION
Dep  18            No. of sta: 25
Moment Tensor;   Scale 10**18 Nm
  Mrr=-1.75        Mtt= 2.01
  Mff=-0.26        Mrt= 0.11
  Mrf=-0.84        Mtf=-0.51
 Principal axes:
  T  Val=  2.14  Plg= 4  Azm= 14
  N       -0.01      24      106
  P       -2.14      65      274
Best Double Couple:Mo=2.1*10**18
 NP1:Strike= 80 Dip=46 Slip=-125
 NP2:       305     54      -60
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.: 63S,154C  M.W.: 55S, 99C
Centroid Location:
Origin Time        00:57:59.5 0.1
Lat 10.94S 0.01 Lon 113.52E 0.01
Dep  15.0 FIX Half-duration  4.0
Moment Tensor;   Scale 10**18 Nm
  Mrr=-6.06 0.03  Mtt= 5.39 0.03
  Mff= 0.68 0.04  Mrt= 0.77 0.16
  Mrf=-0.68 0.14  Mtf=-0.29 0.03
 Principal Axes:
  T  Val=  5.46  Plg= 4  Azm=  4
  N        0.72       5       94
  P       -6.18      83      236
Best Double Couple:Mo=5.8*10**18
 NP1:Strike= 88 Dip=41 Slip= -98
 NP2:       279     49      -83
LEM      6.90 304 ePc   59 34.50   0.1
         1.3s   692.31nm       6.6mb
                  eS    02 30.00
MKS      8.19  48 iPc   59 52.20   0.0
NANU    11.90 170 iPc   00 36.30  -7.0X
MBL     12.05 150 eP    00 37.00  -8.3X
TSM     15.63  17 ePc   01 35.20   2.7
KNA     15.78 110 eP    01 30.30  -4.2X
         0.4s   114.00nm       5.4mb
                  eS    04 21.00
KGM     16.17 321 ePc   01 39.80   0.3
MEEK    16.54 163 eP    01 38.00  -6.2X
         0.4s   152.00nm       5.5mb
KKM     16.95  10 ePd   01 49.00  -0.5
         0.9s    85.10nm     4.9mb X
                  e     02 24.00
MTN     17.51  99 iPd   01 55.80  -0.6
         0.4s   167.00nm       5.5mb
                  eS    04 58.00
MRWA    18.51 173 iPd   02 03.80  -5.0X
IPM     19.59 321 ePc   02 20.40  -1.5
         1.0s   380.20nm       5.6mb
WARB    19.81 142 eP    02 22.00  -2.2
BAL     19.97 172 iPd   02 24.10  -1.8
                  eS    05 51.00
CTB     20.86  32 ePc   02 37.50   2.3
PPR     21.10  15 ePd   02 40.00   2.3
KLB     21.11 170 iPc   02 37.00  -0.7
                  eS    06 13.00
MUN     21.26 173 iPc   02 37.80  -1.4
      Z  20s    176.50um       6.4Msz
      N  20s    161.80um
      E  20s     58.80um
                  eS    06 40.00
COOL    21.27 161 eP    02 37.00  -2.4
                  eS    06 17.00
DAV     21.51  35 eP+   02 42.10   0.3
         1.6s  1333.33nm       6.1mb
                  e(S)  06 18.00
SNG     21.89 324 eP    02 44.50  -1.1
```

04d 01h

1.0s 100.00nm 5.2mb
eS 06 36.00
WRAB 22.17 117 eP 02 46.11 -2.3
CGP 22.18 31 ePc 02 48.00 -0.6
NWAO 22.33 171 ePc 02 50.76 0.8
BIP 22.82 35 eP 02 56.00 1.1
ASPA 23.39 126 P 03 02.29 1.8
0.7s 310.10nm 6.0mb
MAP 23.47 27 eP 03 21.10 19.9X
MAP 23.47 27 ePd 03 02.00 0.8
FORT 24.13 148 eP 03 07.00 -0.5
eS 07 25.00
PGP 25.27 18 ePc 03 13.20 -5.4X
TGY 25.83 17 iPc 03 24.00 0.1
iS 07 52.00
QVP 26.35 17 eP 03 30.00 1.4
QCP 26.38 17 eP 03 17.00 -11.9X
BAG 27.94 15 eP+ 03 42.40 -1.0
eS 08 24.00
MENI 28.07 75 iPc 03 44.20 -0.3
JAY 28.34 75 iPc 03 40.00 -6.9X
eS 08 54.00
NST 29.36 333 iPd 03 55.50 -0.5
CVP 29.51 17 eP 03 56.50 -0.8
PIP 29.79 14 eP 04 03.00 3.2X
QIZ 29.82 353 eP 04 02.30 2.2
LOE 30.27 338 eP 04 03.00 -1.1
BDT 31.25 333 eP 04 12.00 -0.7
1.0s 310.50nm 6.2mb
CHTO 32.66 334 ePd 04 24.82 -0.3
0.9s 88.02nm 5.7mb
ec 04 32.35 26kmX
eS 09 35.50
HKC 32.88 1 iP 04 29.00 2.1
iS 09 41.00
CTA 32.97 110 iPc 04 27.50 -0.3
1.0s 50.00nm 5.4mb
i 04 30.50
epP 04 37.00 33kmX
eS 10 42.00
CTAO 32.97 110 eP 04 27.08 -0.7
epPc 04 31.72 16kmX
PMG 33.29 91 eP 04 32.00 1.4
ADE 33.35 140 eP+ 04 29.60 -1.4
TATO 36.41 12 iPc 04 57.65 0.5
esPc 05 02.87
KMI 37.16 344 ePd 05 04.74 1.0
1.2s 260.00nm 5.9mb
Z 15s 91.40um 6.7MszX
N 14s 31.20um
E 14s 59.60um
ec 05 12.77 27kmX
PP 06 40.00
PPP 07 12.00
S 10 52.00
PcS 11 10.00
sS 11 18.00
SS 13 38.00
KVG 38.03 80 eP 05 12.40 1.4
TOO 39.29 138 eP 05 22.10 0.8
1.5s 789.00nm 6.2mb
PJG 39.53 53 eP 05 22.10 -1.4
GUMO 39.53 53 ePc 05 23.19 -0.3
0.7s 249.70nm 6.0mb
Z 27s 23.00um 5.9MszX
eS 11 20.10
GUA 39.54 53 eP 05 21.30 -2.3
0.8s 435.82nm 6.2mb
BWA 39.69 132 eP 05 26.40 1.7
i 05 46.60 84kmX
ARMA 40.53 125 iPc 05 33.00 1.2
0.7s 26.00nm 5.0mb
CAN 40.54 133 eP 05 32.20 0.5
e 05 54.10 92kmX
i 06 10.00
CNB 40.80 133 eP 05 30.80 -3.0X
1.3s 175.00nm 5.6mb
ENH 40.98 355 (P) 05 35.33 0.2
ec 05 42.53 24kmX
RIV 41.47 130 eP 05 42.20 3.0X
Z 18s 0.48um 4.4MszX
eS 12 00.00
SHL 41.75 330 iPd 05 41.00 -0.8
iS 11 56.00
SSE 42.30 10 ePd 05 45.80 -0.2
1.0s 281.00nm 5.9mb
Z 21s 55.40um 6.4Msz
N 13s 11.10um
E 13s 12.40um
epPc 05 49.45 12kmX
PcP 07 40.00
S 12 00.00
sS 12 12.00
eSS 15 16.00
ScS 15 52.00
GBA 43.10 303 P 05 52.00 -0.8
1.0s 999.90nm 6.5mb
TAU 43.54 143 iPc 05 57.40 1.3
e 06 31.00 151kmX
ePP 07 56.00
eS 12 38.00
HYB 44.36 309 eP 06 02.50 -0.6
1.0s 110.00nm 5.7mb
eS 12 40.00
XAN 44.77 355 ePd 06 04.51 -1.6
ODAN 45.12 326 P 06 07.98 -1.3
0.7s 344.00nm 6.4mb
TAPN 45.34 327 P 06 10.14 -0.9
0.9s 573.00nm 6.5mb
LSA 45.58 333 ePd 06 12.77 -0.4
epPc 06 16.66 13kmX
ec 06 20.39
RAMN 45.62 326 P 06 12.36 -0.9
0.7s 219.00nm 6.2mb
HNR 45.85 93 ePd 06 13.68 -1.3
epPc 06 16.66 10kmX
ec 06 18.65
JIRN 46.40 326 P 06 18.40 -1.2
0.8s 595.00nm 6.7mb
PKI 46.77 325 P 06 21.32 -1.1
GUN 46.77 326 P 06 21.26 -1.2
0.6s 563.00nm 6.8mb
DMN 46.97 325 P 06 22.40 -1.5
0.7s 448.00nm 6.7mb
KKN 47.01 325 P 06 22.82 -1.4
0.8s 417.00nm 6.6mb
LZH 47.47 350 ePd 06 27.39 -0.2
epPc 06 31.03 12kmX
GKN 47.54 325 P 06 26.80 -1.5
0.7s 357.00nm 6.6mb
KOLN 47.95 324 P 06 29.74 -1.9
0.9s 588.00nm 6.7mb
DANN 48.30 324 P 06 32.66 -1.8
0.8s 644.00nm 6.7mb
PYUN 48.56 323 P 06 34.80 -1.5
SHK 48.64 21 eP 06 34.80 -1.8
POO 48.66 306 iPd 06 44.80 7.8X
BOM 49.68 306 iP 06 44.70 -0.1
eS 13 43.70
BJI 50.62 3 eP 06 49.50 -2.1
1.0s 83.00nm 5.6mb
Z 22s 37.32um 6.4Msz
N 21s 51.93um
esP 07 03.50
eS 14 00.00
eSS 17 32.00
NOUC 51.78 110 iPc 07 01.20 0.4
DZM 51.91 110 iPc 07 02.40 0.5
PAF 52.46 214 iP 07 18.00 12.5X
iS 14 33.00
NDI 52.52 319 eP 07 03.00 -3.3X
1.0s 110.00nm 5.7mb
MAJO 52.56 25 ePd 07 02.59 -3.8X
epPc 07 06.81 14kmX
MAT 52.56 25 eP 07 04.00 -2.4
0.7s 54.79nm 5.6mb
Z 20s 8.51um 5.8Msz
eS 14 25.00
BKM 53.49 104 iPc 07 14.50 0.9
PVC 53.55 104 iPc 07 16.50 2.5
CSY 55.47 181 iPc 07 26.70 -0.7
1.0s 40.40nm 5.4mb
i 07 30.30 12kmX
i 07 39.10
VLA 56.24 16 iPc 07 32.00 -1.2
1.8s 258.00nm 6.0mb
N 18s 7.70um
E 14s 2.00um
i 09 39.00 704kmX
iS 15 21.00
iPS 15 35.00
MCQ 56.50 150 eP 07 36.10 1.2
MDJ 57.06 14 ePd 07 36.45 -2.6
epPc 07 39.84 11kmX
ec 07 40.58
ec 07 41.49
MSZ 57.54 136 P 07 43.00 0.5
DRV 58.65 168 iP 07 48.00 -1.9
iS 15 57.00
iSS 19 39.00
TUZ 59.08 137 P 07 52.90 -0.4
1.3s 167.00nm 6.0mb
WMQ 59.15 339 ePd 07 52.34 -1.5
epPc 07 56.60 14kmX
HIA 60.05 5 ePd 07 56.97 -2.8
epPc 08 00.94 13kmX
ec 08 01.85
THZ 60.27 132 eP 07 59.20 -2.4
0.5s 19.00nm 5.5mb
MQZ 60.54 134 P 08 03.00 -0.3
1.1s 162.00nm 6.1mb
DIW 60.82 131 P 08 04.10 -1.2
MOZ 61.07 128 P 08 07.70 0.7
MRW 61.48 131 eP 08 08.30 -1.5
SNZO 61.50 131 P 08 08.00 -1.9
S 16 40.00
ZAK 61.53 353 eP 08 07.00 -2.8
eS 16 30.00
e 17 56.00
KIW 61.57 131 P 08 08.20 -2.2
CAW 61.73 131 eP 08 10.10 -1.4
MNG 61.95 130 P 08 11.80 -1.2
MTW 62.06 131 P 08 12.30 -1.4
WAHZ 62.45 129 eP 08 12.30 -4.1X
CIT 62.52 0 eP 08 16.00 -0.5
Z 22s 46.40um 6.6Msz
N 22s 34.90um
ePPP 12 06.00
CRZF 62.72 223 iP 08 24.00 6.1X
iS 16 51.00
TLY 62.77 353 ePd 08 16.71 -1.4
epPc 08 20.76 13kmX
VUN 63.20 105 eP 08 17.00 -4.6X
AAA 63.21 331 iP 08 20.00 -1.3
Z 18s 17.00um 6.3Msz
N 18s 2.50um
E 18s 19.50um
iS 16 59.50
YSS 63.22 22 eP 08 18.00 -3.1X
i 08 58.00 170kmX
eS 16 44.00
ePS 17 00.00
IRK 63.27 354 eP 08 19.00 -2.5
3.0s 588.00nm 6.2mb
Z 18s 24.65um 6.4Msz
N 18s 21.84um
E 16s 11.81um
e 08 33.00 50kmX
e 09 04.00
e 10 45.00
eS 16 40.00
e 17 24.00
e 18 08.00
HBZ 63.67 127 eP 08 23.70 -0.7
0.7s 277.00nm 6.6mb
PUZ 63.69 127 eP 08 22.80 -1.8
0.7s 233.00nm 6.5mb
FRU 64.03 329 eP 08 26.00 -0.7
2.5s 1290.00nm 6.7mb
Z 20s 36.00um 6.6Msz
N 20s 18.00um
E 20s 20.00um
e 08 55.00 118kmX
e 17 03.00
e 17 38.00
MAW 65.72 199 eP 08 36.00 -1.2
1.0s 95.00nm 5.9mb
MAIO 68.99 316 iPd 08 57.00 -1.4
ASH 70.63 317 P 09 08.00 -0.3
2.0s 640.00nm 6.4mb
Z 20s 11.67um 6.1Msz
i 09 18.00 32kmX
i 09 32.00
e 11 46.00
PPP 13 30.00
iS 18 19.00
iPS 18 45.00
i 19 00.00
e 22 48.00
ABKT 70.78 317 iPd 09 08.58 -0.7
epPc 09 11.72 10kmX

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DHR     71.61 302 ePc   09 13.50  -0.9
                  eS    17 25.00
SBA     72.20 170 iPd   09 16.60  -0.5
YAK     73.68   8 iPd-  09 24.00  -1.9
        1.0s  1087.00nm        6.9mb
     Z  20s     14.70um        6.3Msz
     N  20s     13.40um
     E  18s      5.50um
                  i     09 36.00  40kmX
                  iS    18 45.00
                  i     19 19.00
                  esS   19 22.00
                  iPS   19 31.00
                  iSS   23 36.00
RYD     74.01 300 iPc   09 18.20 -10.5X
                  eS    18 50.00
SYO     74.23 201 ePd   09 27.00  -2.0
PET     74.36  26 eP    09 30.00   0.1
        1.0s    98.00nm        5.8mb
                  e     09 47.00  62kmX
                  eS    19 04.00
                  ePS   19 32.00
                  eSS   23 44.00
KMSA    74.45 295 iPd   09 30.00  -1.3
DHJN    74.56 292 ePc   09 33.16   1.0
KMTA    75.27 292 iPd   09 36.60   0.4
ABHA    75.40 292 ePd   09 38.60   1.6
MJMA    75.52 300 ePc   09 36.60  -0.8
NAI     76.56 271 eP    09 46.00   2.3
        1.0s  6802.00nm        7.7mb X
     Z  20s      3.90um        5.7Msz
AAE     76.78 282 eP    09 45.50   0.6
QASM    77.09 300 eP    09 46.00  -0.2
KER     77.12 309 ePd   09 44.00  -2.3
UQSK    78.00 299 ePc   09 51.60   0.4
TAIF    78.42 294 eP    09 55.30   1.5
TAB     79.14 312 iPd-  09 57.80   0.5
SPA     79.29 180 eP    09 56.00  -1.6
        1.1s    75.60nm        5.6mb
     Z  20s     27.94um        6.6Msz
SVE     80.09 334 iP-   10 00.00  -1.8
        3.0s  1500.00nm        6.4mb
     Z  25s     17.50um        6.3MszX
     N  25s     12.00um
     E  25s     17.50um
                  ePPP  15 00.00
                  eS    20 00.00
                  eSS   25 11.00
MAK     80.35 317 iP-   10 03.00  -0.5
                  iS    20 05.00
                  iPS   20 55.00
                  iSS   25 19.00
ARU     80.75 333 iPd   10 04.35  -1.0
     Z  22s     12.00um        6.2Msz
     N  24s     10.00um
     E  22s     11.00um
                  e     13 08.00
SLR     81.02 245 iPc   10 07.50  -0.1
        0.9s   151.26nm        6.0mb
     Z  20s     22.69um        6.5Msz
GNI     81.05 314 iPd   10 08.58   1.1
                  epPc  10 11.81  10kmX
                  ec    10 12.97
                  ec    10 15.95
GRM     81.51 238 iPc   10 12.00   2.0
        1.0s   130.00nm        5.9mb
     Z  22s      8.33um        6.1Msz
GRO     81.66 317 iP+   10 12.00   1.7
        1.0s   270.00nm        6.3mb
                  i     10 24.00  40kmX
                  i     13 20.00
                  iS    20 23.00
                  iPS   21 08.00
NRIL    81.95 351 iPd   10 09.96  -1.4
                  esPc  10 14.51
BOSA    83.14 242 (P)   10 18.76   0.4
        0.9s   194.27nm        6.3mb
                  epPc  10 22.07  10kmX
                  ec    10 23.07
RAR     83.28 110 (P)   10 22.26   3.1X
LBTB    83.52 246 ePd   10 20.21  -0.4
        1.0s   241.81nm        6.4mb
                  epPc  10 23.60  11kmX
                  ec    10 24.59
PYA     83.68 317 iP-   10 20.00  -0.8
                  i     13 38.00
                  iPPP  15 28.00
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                  iPS   22 04.00
                  eSS   26 06.00
KIV     83.90 317 iPd   10 21.86  -0.2
        3.3s  1894.00nm        6.8mb X
                  i     20 44.10
CSTJ    84.35 303 P+    10 26.50   2.0
MDRJ    84.61 301 P+    10 27.20   1.3
HITJ    84.67 301 P+    10 27.70   1.4
QTRJ    84.95 303 P+    10 28.80   1.2
JRDJ    85.08 302 P+    10 31.80   3.5X
SHWJ    85.12 302 P     10 32.00   3.4X
DHLJ    85.32 302 P+    10 31.00   1.7
GAZ     85.64 309 iP    10 31.70   1.0
BHL     85.94 305 P     10 32.00  -0.5
                  SKS   21 00.00
ADK     86.39  36 iPd   10 33.24  -0.9
        0.9s    59.38nm        5.8mb
                  epPc  10 35.97   9kmX
BNN     87.13 310 iP    10 40.70   2.4
KVT     87.62 312 iP    10 42.00   1.6
ANN     87.85 316 iPd   10 41.00  -0.3
        1.2s   140.00nm        6.2mb
                  e     14 15.00
                  ePPP  16 06.00
                  e     21 06.00
                  e     21 24.00
LFK     87.99 306 eP    10 43.60   1.3
CSS     88.07 306 eP    10 44.00   1.3
SNA     88.26 198 iPc   10 42.30  -0.6
        0.4s    91.53nm        6.4mb
HLW     88.49 301 eP-   10 46.00   1.2
                  e     10 53.00  22kmX
                  e     11 27.00
                  e     21 27.00
SIM     90.04 316 eP-   10 52.00   0.3
                  e     14 26.00
                  e     21 45.00
MOS     90.94 327 eP    10 56.00   0.4
        2.0s   500.00nm        6.5mb
                  e     14 36.00
                  e     21 28.00
ELL     91.19 307 eP    11 01.50   4.1X
OBN     91.30 326 eP    10 56.68  -0.6
     Z  26s     24.70um        6.5MszX
     N  26s     11.60um
     E  26s     13.60um
                  epPc  11 00.15  11kmX
                  i     14 44.00
                  iS    22 00.00
                  iPS   22 58.00
                  eSSS  31 40.00
KHL     91.82 309 eP    11 01.00   0.8
ILT     91.85  21 iPc   11 06.00   6.4X
        2.0s    96.00nm        5.8mb
                  i     14 38.60
                  i     21 31.00
                  iS    21 55.00
HRT     92.24 311 iP    11 02.60   0.5
HON     92.60  69 P     11 10.00   6.0X
     Z  20s      4.25um        5.9Msz
KIP     92.60  69 (P)   11 03.18  -0.8
        0.6s    27.06nm        5.8mb
KIS     94.07 317 iPd-  11 09.00  -1.2
                  i     14 58.00
                  i     21 44.00
                  iPS   23 32.00
CFR     94.21 315 eP    11 11.00   0.1
NPS     94.32 305 eP    11 14.00   2.3
PRK     94.49 309 eP    11 13.00   0.6
VRI     95.32 316 eP    11 16.00  -0.1
VAM     95.48 305 eP    11 19.00   2.0
BUC     95.51 314 ePd   11 18.50   1.6
LVZ     95.69 338 ePd   11 15.42  -2.0
                  ec    11 22.70  23kmX
PUL     95.74 330 ePd   11 18.00   0.4
        2.0s     1.00nm        3.9mb X
                  e     15 10.00
                  e     17 18.00
                  e     21 56.00
                  eS    22 36.00
                  e     23 55.00
                  eSS   29 04.00
MLR     95.79 315 eP    11 17.00  -1.4
MNK     96.15 324 eP    11 20.00   0.4
                  ePPP  17 16.00
                  eS    22 40.00
                  ePS   24 00.00
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ATH     96.26 307 eP    11 20.00  -0.5
CMP     96.39 315 ePd   11 22.00   1.0
SDN     96.58  35 (P)   11 19.63  -1.9
        0.9s   345.24nm        6.9mb
     Z  20s      1.59um        5.5Msz
LVV     97.71 319 eP    11 37.00  10.2X
                  ePPP  17 39.00
GZR     97.99 315 ePd   11 32.50   4.3X
KAF     98.06 332 iP    11 28.30   0.2
        0.8s    24.90nm        5.9mb
NUR     98.66 330 eP    11 31.00   0.3
     Z  21s     15.00um        6.5Msz
                  e     15 16.00
                  e     17 58.00
                  eS    22 43.00
                  LR    01 50.00
UZH     98.69 318 eP    11 36.00   4.8X
        2.0s   120.00nm        6.2mb
                  e     11 47.50  37kmX
                  e     22 00.00
                  eSP   24 21.00
                  eSS   29 45.00
KEV     98.77 339 eP    11 30.00  -1.1
                  ec    11 36.95  22kmX
BEO     99.56 314 eP    11 35.20   0.0
TTA     99.79  28 eP    11 36.00  -0.1
        1.3s     6.40nm        5.0mb
SVW     99.84  30 eP    11 36.48   0.2
        0.8s    28.27nm        5.9mb
BRW    100.09  19 ePdiff11 41.00   3.9X
SPC    100.10 318 ePdiff11 37.60  -0.3
                  ePP   15 48.90
IMA    100.97  25 ePdiff11 43.97   2.6X
        1.1s    11.67nm        5.4mb
SRO    101.28 317 ePdiff11 43.20   0.3
                  e     15 49.90
CP2    101.48  29 ePdiff11 42.64  -1.2
OKC    101.51 319 ePdiff11 49.80   5.9X
                  (PP)  11 54.80
                  (SKS) 22 26.00
ZST    102.11 317 ePdiff11 51.20   4.5X
UPP    102.12 329 ePdiff11 49.00   2.6X
                  iPP   16 08.00
                  iSKS  22 30.00
                  iS    23 36.00
                  i     25 27.00
VKA    102.64 317 ePdiff12 00.00  11.0X
                  e     15 15.00
ZAG    102.77 315 ePdiff11 52.00   2.4X
PTJ    102.79 315 ePdiff11 52.10   2.2X
PMR    102.97  29 ePdiff11 51.70   1.6
        0.3s     2.40nm        5.4mb
     Z  17s      5.40um        6.1MszX
COL    103.44  26 ePdiff11 50.86  -1.3
FBA    103.44  26 (Pdiff11 56.93   4.7X
LJU    103.79 315 (Pdiff11 58.00   3.8X
                  ePP   16 08.00
                  e     18 54.00
                  eSKS  22 40.00
PRU    103.84 319 ePdiff12 03.60   9.3X
                  e     12 24.90
HFS    104.09 329 ePdiff11 56.80   1.6
        1.4s    40.60nm        6.1mb
     Z  19s     10.37um        6.4Msz
                  LR    53 17.00
BRG    104.22 320 ePdiff12 02.20   6.2X
        1.4s    14.00nm        5.6mb
     Z  20s     14.00um        6.5Msz
     N  20s      3.80um
     E  20s      9.50um
                  e     12 10.40
                  eSKS  22 49.00
TRI    104.32 315 e(Pdif11 48.00  -8.5X
                  e(PP) 15 52.00
                  e(PPP)18 44.00
                  e(SKS)22 28.00
                  e(S)  23 24.00
                  e(SPP)26 08.00
                  e(SS) 30 48.00
TOA    104.35  29 ePdiff11 56.90   0.5
        0.8s     6.40nm        5.5mb
GEC2   104.38 318 Pdiff 11 57.50   0.6
        1.2s     4.64nm        5.2mb
                  e     12 09.10
                  e     12 59.60
                  e     16 09.70
                  e     16 14.70
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04d 01h

e 16 16.30
e 16 25.10
KHC 104.47 318 ePdiff12 04.50 7.3X
e 12 25.00
KLU 104.51 29 ePdiff11 56.70 -0.5
CLL 104.81 320 ePdiff12 17.00 18.4X
Z 20s 6.50um 6.2Msz
COP 104.99 325 ePdiff12 08.00 8.8X
Z 18s 8.93um 6.4Msz
e 16 12.00
MOX 105.70 320 ePdiff12 07.30 4.7X
Z 19s 7.40um 6.3Msz
e 15 40.00
e 16 13.40
GRF 105.99 319 ePdiff12 09.20 5.3X
Z 25s 15.40um 6.4MszX
e(PP) 16 15.80
KONO 106.19 329 ePdiff12 08.97 4.5X
MUD 106.76 326 ePKP 16 22.00 4.6X
INK 108.41 21 ePdiff12 20.00 5.8X
1.0s 3.00nm 5.4mb
INK 108.41 21 ePKP 16 22.00 1.8
1.0s 5.00nm
MBC 108.83 12 ePKP 16 38.50 17.6X
1.0s 4.00nm
DAG 109.43 350 ePdiff12 20.00 1.4
SIT 110.53 33 PKP 16 40.00 15.4X
Z 20s 2.45um 5.8Msz
RES 114.15 8 ePdiff12 42.00 2.4X
RES 114.15 8 ePKP 16 31.00 -0.1
0.6s 4.00nm
pP 17 32.00
DLF 116.27 325 ePKP 16 38.00 2.3X
DCN 116.68 325 ePKP 16 38.00 1.5
PAB 118.11 309 ePKP 16 36.03 -3.7X
e 16 51.12
PAB 118.11 309 ePdiff13 02.00 3.8X
iPP 17 55.70
KIC 118.72 271 PKP 16 41.21 -0.3
0.9s 20.00nm
LIC 118.98 271 PKP 16 41.81 -0.2
0.8s 21.50nm
Z 20s 5.00um 6.1Msz
TIC 119.04 272 PKP 16 41.99 -0.2
0.7s 11.00nm
MCW 120.09 40 PKP 16 43.68 0.5
GMW 120.49 41 ePKP 16 44.79 0.8
BMW 120.54 42 ePKP 16 44.61 0.5
JCW 120.82 40 PKP 16 45.39 0.8
GDH 120.97 355 ePdiff13 15.00 4.9X
e 16 46.00
e 18 16.00
i 28 02.00
PTO 120.98 312 ePdiff13 30.00 19.2X
RMW 121.15 41 ePKP 16 45.59 0.3
SHW 121.28 42 ePKP 16 46.94 1.3
LON 121.38 41 ePKP 16 46.04 0.3
FMW 121.41 41 PKP 16 46.44 0.5
ARC 121.47 49 ePKP 16 57.42 11.4X
Z 21s 3.20um 5.9Msz
ePP 18 11.42
eSS 34 51.42
e 42 36.42
eLQ 48 16.42
eLR 53 58.42
ASR 121.72 42 PKP 16 47.20 0.7
EBG 122.13 41 PKP 16 47.96 0.8
WTV 122.24 40 PKP 16 47.43 0.1
YBH 122.25 47 ePKP 16 44.62 -3.0X
Z 19s 2.70um 5.9Msz
iPPd 18 21.62
ePKKP 28 15.62
eSS 35 02.62
i 39 34.62
iLQ 48 45.62
eLR 54 05.62
CROR 122.50 43 PKP 16 48.70 0.7
SAW 122.59 40 PKP 16 48.39 0.4
WDC 122.68 49 ePKP 16 48.01 -0.3
Z 20s 3.63um 6.0Msz
VIPM 122.90 44 PKP 16 49.87 1.0
LBFM 122.95 47 ePKP 16 49.95 0.9
NTYM 123.12 51 ePKP 16 50.21 1.0
DPW 123.27 39 ePKP 16 48.33 -1.0
MIN 123.43 49 ePKP 16 50.71 0.7
Z 20s 2.50um 5.9Msz
ePP 18 33.71
eLR 55 52.71
BKS 123.56 52 ePdiff13 26.37 4.0X
BKS 123.56 52 ePKP 16 51.37 1.2
Z 18s 3.20um 6.0Msz
ePP 18 27.37
eSS 35 21.37
iLQ 49 01.37
eLR 55 59.37
ORV 123.71 49 ePdiff13 29.36 6.3X
ORV 123.71 49 ePKP 16 51.10 0.7
Z 21s 3.60um 6.0Msz
iPPc 18 40.36
eSKKS 25 49.36
eSP 28 40.36
ePS 29 01.36
eSKKS 33 48.36
eSS 35 20.36
i 39 55.36
eLQ 48 58.36
eLR 55 56.36
STAN 123.72 52 ePKP 16 37.84 -12.6X
Z 18s 3.00um 6.0Msz
ePP 18 28.84
eLR 55 24.84
NEW 123.78 38 ePKP 16 50.84 0.5
Z 20s 3.79um 6.1Msz
LNOR 123.98 41 PKP 16 51.21 0.4
COE 124.14 52 (PKP) 16 55.58 4.3X
MHC 124.15 52 ePKP 16 54.89 3.4X
Z 20s 4.00um 6.1Msz
ePP 18 31.20
eSS 35 26.20
eLQ 49 10.19
eLR 56 07.19
ARN 124.23 52 ePKP 16 51.18 -0.4
SAO 124.43 53 ePKP 16 53.78 1.9
Z 17s 3.60um 6.1MszX
ePP 18 34.78
eSS 35 34.78
eLQ 49 09.77
eLR 55 42.77
CMB 124.94 51 ePdiff13 38.31 9.6X
CMB 124.94 51 ePKP 16 53.75 0.9
Z 20s 2.20um 5.8Msz
iPPc 18 41.31
eSKKS 25 41.31
eSPd 28 46.31
ePS 29 14.31
ePKKS 30 43.31
eSKKS 34 36.31
eSS 35 38.31
e 43 17.31
iLQ 49 41.31
eLR 56 31.31
PHAM 125.47 54 ePKP 16 57.96 4.0X
PKEM 125.64 53 (PKP) 16 55.18 0.9
BCH 125.86 54 ePKP 16 56.34 1.5
KVN 126.38 49 ePKP 16 57.61 1.7
MTUM 126.52 51 ePKP 16 57.57 1.4
BONR 126.55 51 ePKP 16 58.64 2.3X
ABL 126.63 54 ePKP 16 57.86 1.3
KDS 126.75 278 ePKP 16 56.50 -0.4
ISA 127.03 53 ePKP 16 57.88 0.8
Z 20s 6.17um 6.3Msz
FRB 127.10 1 ePKP 16 56.00 -0.1
1.0s 11.00nm
TNP 127.33 50 ePKP 16 59.16 1.4
SSK 128.01 55 ePKP 17 00.34 1.2
CSP 128.26 55 ePKP 17 00.88 1.4
TPNV 128.40 51 ePKP 16 58.81 -0.9
GSC 128.44 53 ePKP 17 01.40 1.6
PEC 128.51 55 ePKP 16 57.95 -1.9
PLM 128.89 56 ePKP 17 02.13 1.3
PTI 129.06 43 ePKP 17 02.71 1.9
HVU 129.24 44 ePKP 16 58.90 -2.3X
DUG 129.83 46 ePKP 17 01.54 -0.8
Z 20s 4.46um 6.2Msz
ARUT 130.26 49 ePKP 17 05.12 1.9
GLA 130.61 56 ePKP 17 05.60 1.7
DAU 130.84 45 ePKP 17 05.78 1.3
MSU 130.93 48 ePKP 17 06.80 2.2X
BW06 130.96 42 ePKP 17 03.27 -1.2
EMUT 131.39 46 ePKP 17 06.58 1.1
SRU 131.89 46 ePKP 17 04.95 -1.4
PV09 133.13 47 ePKP 17 09.57 0.7
PV10 133.24 47 ePKP 17 11.03 2.0
PV08 133.44 46 (PKP) 17 13.40 3.9X
RSSD 133.71 37 ePKP 17 07.50 -2.2X
ULM 133.86 26 ePKP 17 00.00 -9.4X
pP 17 13.50
TUC 134.09 55 ePKP 17 13.33 2.8X
Z 19s 5.48um 6.3Msz
GOL 135.20 43 ePKP 17 11.82 -0.9
Z 21s 3.38um 6.0Msz
GLD 135.27 43 ePKP 17 13.80 1.1
Z 19s 5.49um 6.3Msz
PEL 136.16 175 ePKP 17 18.60 4.2X
1.2s 406.25nm
JAQ 136.48 8 ePKP 17 04.50 -9.8X
ALQ 136.54 50 ePKP 17 06.20 -9.1X
Z 21s 1.11um 5.6Msz
LTX 140.85 56 ePKP 17 15.92 -7.3X
ACO 140.94 43 iPKPc 17 18.50 -4.6X
VAO 141.30 210 ePKP 17 22.90 -1.3
WMOK 142.24 46 ePKP 17 19.91 -5.5X
Z 20s 10.61um 6.6Msz
MEO 142.35 45 iPKPd 17 26.10 0.5
OCO 142.72 44 iPKPc 17 20.50 -5.7X
CGX 143.44 71 (PKP) 17 25.50 -2.6X
TUL 143.62 42 iPKPc 17 24.50 -3.2X
CBM 143.94 2 ePKPd 17 24.15 -3.8X
Z 21s 6.39um 6.4Msz
VVO 143.99 43 iPKPc 17 28.20 -0.2
AGX 144.12 68 (PKP) 17 26.50 -2.4X
GAC 144.38 11 ePKP 17 27.00 -1.7
XIN 145.01 236 ePKP 17 29.00 -1.7
e 17 32.40
LMN 145.01 358 ePKP 17 29.00 -0.8
1.0s 101.00nm
pP 17 40.00
TYS 145.05 34 ePKP 17 28.54 -1.5
SLM 145.15 33 PKP 17 40.00 9.8X
Z 19s 4.23um 6.2Msz
ELF 145.27 19 PKP 17 29.80 -0.5
ACTO 145.28 17 PKP 17 29.17 -1.1
WLVO 145.44 15 PKP 17 29.64 -0.9
LDN 145.45 19 PKP 17 30.60 0.0
DLA 145.49 20 PKP 17 30.90 0.2
FVM 145.52 34 ePKP 17 30.20 -0.7
Z 20s 24.63um 7.0Msz
MRX 145.56 71 (PKP) 17 33.00 1.6
TYNO 145.80 17 PKP 17 30.90 -0.3
MIAR 145.89 42 iPKPd 17 31.56 -0.1
Z 21s 6.63um 6.4Msz
STCO 145.90 16 PKP 17 31.19 -0.1
LBNH 146.35 7 ePKP 17 32.88 0.8
Z 21s 13.11um 6.7Msz
DON 146.37 35 ePKP 17 32.80 0.5
YSNY 146.75 16 ePKPd 17 32.38 -0.4
Z 21s 8.02um 6.5Msz
LST 146.94 35 ePKP 17 35.11 1.9
NMMO 147.00 35 (PKP) 17 37.47 4.2X
CRX 147.01 71 (PKP) 17 30.50 -3.7X
ACX 147.21 76 (PKP) 17 30.00 -4.2X
GRT 147.30 35 ePKP 17 35.83 2.0
III 147.38 73 (PKP) 17 36.00 1.3
MFTN 147.39 36 ePKP 17 36.00 2.0X
UNM 147.49 71 (PKP) 17 38.00 3.0X
SOB1 147.60 233 ePKP 17 36.10 1.1
i 17 38.60
i 17 40.40
BINY 147.64 13 ePKP 17 34.95 0.7
Z 21s 9.57um 6.6Msz
BAO 147.92 215 ePKP 17 36.00 0.5
BDFB 147.92 215 ePKP 17 35.73 0.2
PPM 148.05 71 (PKP) 17 40.00 3.8X
HRV 148.10 7 ePKP 17 34.25 -0.6
Z 21s 9.07um 6.5Msz
IIT 148.36 71 (PKP) 17 40.00 3.7X
LSCT 148.68 10 ePKP 17 37.14 1.3
Z 21s 9.32um 6.6Msz
MCWV 148.93 20 PKP 17 50.00 13.7X
Z 21s 8.02um 6.5Msz
TBR 149.02 11 ePKP 17 37.55 1.1
GPD 149.10 12 ePKP 17 37.34 0.8
LVVM 149.93 69 (PKP) 17 43.00 4.6X
OXX 150.16 74 (PKP) 17 46.00 6.9X
NAV 150.66 23 ePKP 17 39.28 0.2
BLA 150.90 23 (PKP) 17 40.25 0.8
CVL 150.91 19 ePKP 17 39.67 0.3
MYNC 151.04 31 PKP 17 50.00 10.3X
Z 21s 8.43um 6.5Msz
CCH 152.02 181 ePKP 17 44.00 2.0
i 17 50.40

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ARE    152.51 170 ePKP  17 51.00    8.3X
CEH    152.56  22 ePKP  17 41.42   -0.4
      Z  21s      4.60um          6.3Msz
PRM    152.70  29 ePKP  17 43.58    1.5
LPB    152.83 177 PKP   17 47.70    4.4X
        1.1s   202.53nm
                   LR   10 22.00
SIV    152.84 192 PKP   17 42.90    0.1
JSC    153.05  27 ePKP  17 43.58    1.0
LPAZ   153.07 177 ePKPd 17 44.09    0.2
LHS    153.09  27 ePKP  17 43.80    1.2
SGS    154.30  28 ePKP  17 43.55   -0.8
NNA    155.22 156 ePKPd 17 45.78   -0.3
PSO    165.74 131 ePKP  18 00.00    2.1X
BOG    170.43 129 ePKP  18 04.00    3.0X
BMG    172.65 120 iPKPd 18 02.00    0.4
SJG    172.69 356 ePKP  18 00.01   -1.3
FDF    173.36 307 ePKP  18 02.50    0.8
TRN    174.86 269 ePKP  18 06.50    4.3X
        S.D. = 1.2  on 295 of 398 obs.
------------------------------------
     JUN 04, 1994  01h 35m 33.47± 0.70s
     35.182 N ± 6.5km     3.924 W ± 6.6km
     DEPTH =  10.0km  (geophysicist)
   STRAIT OF GIBRALTAR              (385)
       mbLg 3.4 (MDD). MD 3.4 (RBA).

EMEL     0.80  81 iPc    35 50.88    1.9
                  eS     36 01.20
TAF      1.29 106 iPn    35 59.50    2.0
                  i      36 03.50
                  eSn    36 16.50
                  iS     36 22.50
EGUA     1.67  10 eP     36 01.70   -1.2
                  eS     36 22.30
PLAT     1.76 303 iP     36 07.00    2.7
EJIF     1.78 316 eP     36 05.92    1.4
                  eS     36 27.00
ERON     1.84   3 eP     36 04.19   -1.2
                  eS     36 25.30
MOMI     1.85 308 eP     36 08.00    2.5
IFR      1.94 211 iPn    36 06.50   -0.4
                  i      36 08.50
                  iSn    36 31.00
ELOJ     1.97 355 eP     36 07.00   -0.3
                  eS     36 28.60
ALJ      2.02 318 iP     36 08.50    0.5
EPRU     2.07 330 eP     36 08.69    0.0
                  eS     36 32.60
LIJA     2.09 325 eP     36 10.00    0.9
CNIL     2.10 305 iP     36 10.00    1.0
ECOG     2.11   8 eP     36 09.56    0.2
                  eS     36 31.70
ENIJ     2.26  37 eP     36 10.84   -0.7
                  eS     36 36.20
ELUQ     2.39 353 eP     36 13.32    0.0
                  eS     36 39.10
EHUE     2.84  22 eP     36 19.02   -0.7
                  eS     36 50.10
EHOR     2.84 338 eP     36 18.50   -1.2
                  eS     36 51.50
EBAN     2.98   2 eP     36 21.70    0.1
                  eS     36 53.80
AVE      3.45 238 iPn    36 25.50   -2.8
                  eSn    37 05.00
                  i      37 10.00
EVIA     3.63  18 eP     36 29.09   -1.9
                  eS     37 08.50
PAB      4.37 356 ePn    36 40.00   -1.5
                  eSg    37 47.00
TIO      5.08 214 iPn    36 50.50   -1.2
                  iSn    37 47.00
        S.D. = 1.5  on  23 of  23 obs.
------------------------------------
*  JUN 04, 1994  02h 03m 12.14± 0.59s
    10.947 S ± 9.9km  113.498 E ±19.7km
    DEPTH =  34.9km  (  3 depth phases)
  SOUTH OF JAWA, INDONESIA          (282)

LEM      7.11 305 ePd   04 58.00    1.4
MEEK    16.34 164 eP    07 00.50   -0.1
        0.3s     31.00nm          4.9mb
                  eS    09 51.00
MRWA    18.33 173 eP    07 26.00    0.6
                  eS    10 37.00
WARB    19.59 142 eP    07 44.50    4.0X
                  eS    11 10.00
BAL     19.79 172 eP     07 56.00   13.5X
COOL    21.07 161 eP     08 02.00    6.2X
                  eS     11 39.00
ASPA    23.19 126 iPd    08 22.50    5.6X
        0.6s     19.10nm           4.8mb
                  i      08 32.70   38km
                  eS     12 32.60
FORT    23.92 148 eP     08 29.00    5.1X
NST     29.57 333 eP     09 18.00    1.8
LOE     30.48 337 eP     09 24.00   -0.2
BDT     31.46 333 eP     09 34.00    1.1
STKA    33.26 133 iPd    09 54.50    6.0X
                  i      10 04.00   33km
KMI     37.35 344 eP     10 27.00    3.4X
        1.2s     30.00nm           5.0mb
                  pP     10 37.00   34km
ODAN    45.33 326 P      11 27.88   -1.3
        0.6s     30.00nm           5.4mb
TAPN    45.55 327 P      11 31.06    0.1
        0.7s     41.00nm           5.5mb
RAMN    45.84 326 P      11 32.18   -1.0
        0.6s     20.00nm           5.2mb
JIRN    46.62 326 P      11 39.12   -0.4
        0.5s     49.00nm           5.7mb
PKI     46.98 325 P      11 41.08   -1.2
        0.5s     14.00nm           5.2mb
GUN     46.98 326 P      11 41.88   -0.5
        0.6s     97.00nm           6.0mb
DMN     47.18 325 P      11 43.28   -0.5
        0.6s     51.00nm           5.7mb
KKN     47.22 325 P      11 44.00   -0.1
LZH     47.66 349 eP     11 48.50    1.2
        2.0s     27.00nm           4.9mb
                  sP     12 02.00
                  PP     13 37.50
GKN     47.75 325 P      11 47.38   -0.8
        0.3s     12.00nm           5.4mb
KOLN    48.17 324 P      11 50.84   -0.6
        0.3s     15.00nm           5.5mb
DANN    48.51 324 P      11 54.00   -0.2
        0.6s     53.00nm           5.8mb
BJI     50.79   3 eP     12 11.50    0.5
MAT     52.66  25 eP     12 37.00   11.7X
MAIO    69.20 316 eP     14 09.00   -8.8X
SOB1   147.60 233 ePKP   22 57.90    5.1X
LPB    152.65 177 PKP    23 15.20   14.4X
LPAZ   152.89 177 PKP    23 15.10   13.7X
       S.D. = 0.9  on  19 of  31 obs.
------------------------------------
*  JUN 04, 1994  02h 28m 22.48± 0.95s
   62.422 S ± 9.9km  156.475 E ±22.6km
   DEPTH =  10.0km  (geophysicist)
   4.3mb (  2 obs.)
  BALLENY ISLANDS REGION            (702)

MCQ      8.05  10 eP     30 21.40   -0.7
SBA     15.84 172 eP     32 06.40   -0.3
CSY     19.89 239 iPd    32 55.80   -0.5
        1.0s     11.30nm           4.1mb
STKA    32.02 336 eP     34 51.80    0.9
ASPA    41.64 328 iPd    36 11.50   -0.8
        1.1s     10.90nm           4.5mb
JIRN   105.63 300 PKP    46 48.86    1.5
        0.6s     56.00nm
PKI    105.87 299 PKP    46 50.70    2.9X
        1.0s     11.00nm
GUN    105.98 300 PKP    46 51.62    3.6X
        0.6s     66.00nm
DMN    106.03 299 PKP    46 52.98    5.0X
        0.6s     52.00nm
KKN    106.11 299 PKP    46 52.82    4.7X
        0.6s     23.00nm
GKN    106.57 299 PKP    46 56.52    7.7X
        0.5s     24.00nm
KOLN   106.78 298 PKP    47 00.26   10.9X
        0.8s     45.00nm
LZH    106.87 318 PKPd   46 57.50    8.3X
        1.4s     21.00nm
                  pP     47 07.00
DANN   107.23 298 PKP    47 02.72   12.4X
        0.7s     58.00nm
PYUN   107.33 297 PKP    47 02.82   12.5X
        1.4s     81.00nm
MBC    148.00  27 ePKP   48 10.00    5.7X
OBN    149.04 284 ePKP   48 14.00    7.4X
        0.8s     15.00nm
                  e      51 28.00
      S.D. = 1.2  on   6 of  17 obs.
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% JUN 04, 1994  02h 33m 10.74± 2.84s
   44.859 N ± 6.5km     6.723 E ±22.4km
   DEPTH =   4.5km  (geophysicist)
 FRANCE                             (538)
     ML 1.9 (GEN).

RRL      0.07  36 P      33 12.80    0.1
                  S      33 14.36
BHB      0.38  92 P      33 18.57    0.1
                  S      33 23.83
PZZ      0.45 143 P      33 19.71    0.0
                  S      33 26.90
RSP      0.48  52 P      33 20.12   -0.2
                  S      33 26.71
STV      0.75 145 P      33 25.80   -0.1
                  S      33 35.91
      S.D. = 0.2  on   5 of   5 obs.
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*  JUN 04, 1994  02h 38m 21.80± 0.52s
   11.061 S ± 9.3km  113.452 E ±12.9km
   DEPTH =  33.0km  (normal)
   4.8mb (  7 obs.)
 SOUTH OF JAWA, INDONESIA           (282)

LEM      7.14 306 ePc   40 06.50   -0.2
MBL     11.76 149 eP    41 07.50   -2.8
MEEK    16.24 163 eP    42 08.00   -1.2
        0.3s     19.00nm          4.7mb
                  eS    44 54.00
MTN     17.39  98 eP    42 25.70    2.1
        0.4s     33.00nm          4.8mb
                  eS    45 26.00
MRWA    18.22 173 iPd   42 33.00   -0.9
                  eS    45 43.00
WARB    19.53 142 eP    42 51.00    1.3
        0.4s      9.00nm          4.4mb
                  e     43 16.00
COOL    20.98 161 eP    43 09.00    4.3X
                  eS    46 48.00
WRA     21.96 116 P     43 20.39    5.7X
ASPA    23.16 125 P     43 30.60    4.1X
        0.8s     22.90nm          4.7mb
FORT    23.85 148 eP    43 36.00    3.0X
NNT     27.16 330 eP    44 07.80    3.5X
NST     29.65 333 eP    44 26.50   -0.3
LOE     30.56 338 eP    44 45.00   10.1X
CHTO    32.95 334 eP    44 50.00   -5.8X
STKA    33.22 133 eP    45 01.00    3.0X
                  i     46 14.50
KMI     37.45 344 eP    45 35.00    0.7
        1.2s     20.00nm          4.9mb
                  pP    45 46.60   42kmX
SSE     42.57  10 eP    46 15.60   -0.7
TKSJ    48.89  23 P     47 04.90   -1.6
POO     48.90 307 eP    47 06.50   -0.4
WKYJ    49.70  24 P     47 12.30   -0.6
YONJ    49.75  22 P     47 11.30   -1.8
BJI     50.90   3 eP    47 20.00   -1.8
        1.0s     11.00nm          4.8mb
MAIO    69.25 316 eP    49 27.00   -0.9
SLR     80.98 246 iPc   50 37.00    1.8
        0.8s      7.46nm          4.7mb
GAC    144.64  11 ePKP  57 57.00    0.2
TYS    145.24  34 ePKP  57 58.92    0.8
                  epPKP 58 09.53
LMN    145.30 358 ePKP  57 59.50    1.5
ELF    145.51  19 PKP   57 59.90    1.5
LDN    145.69  19 PKP   58 00.70    2.0
FVM    145.70  35 ePKP  58 00.30    1.4
                  epPKP 58 11.15
DLA    145.72  20 PKP   58 01.10    2.3X
MIAR   146.04  42 ePKPc 58 02.15    2.6X
                  epPKP 58 13.22
DON    146.55  35 ePKPc 58 02.46    2.2X
                  epPKP 58 13.70
YSNY   147.00  16 ePKP  58 03.08    2.2X
                  epPKP 58 15.85
GRT    147.48  36 (PKP) 58 05.21    3.4X
BAO    147.73 215 ePKP  58 08.60    5.7X
GPD    149.36  12 ePKP  58 10.97    6.3X
NAV    150.88  24 ePKP  58 13.93    6.8X
                  epPKP 58 24.38
CVL    151.14  20 ePKP  58 15.99    8.6X
                  epPKP 58 26.61
LPB    152.54 177 PKP   58 25.90   15.3X
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04d 02h

LPAZ 152.78 177 PKP 58 21.90 10.7X
S.D. = 1.5 on 22 of 41 obs.

JUN 04, 1994 02h 41m 51.86± 0.54s
35.237 N ± 4.9km 3.920 W ± 7.0km
DEPTH = 29.9 ± 5.1 km
STRAIT OF GIBRALTAR (385)
mbLg 3.3 (MDD). MD 3.1 (RBA).

EMEL 0.79 85 eP 42 07.32 0.5
eS 42 18.10
TAF 1.31 108 iPn 42 20.50 6.3X
iSn 42 39.00
i 42 40.50
EGUA 1.62 10 eP 42 17.54 -1.2
eS 42 38.50
PLAT 1.74 301 eP 42 23.00 2.5X
EJIF 1.75 314 eP 42 23.00 2.4X
eS 42 44.30
ERON 1.78 3 eP 42 20.86 -0.3
eS 42 40.30
ELOJ 1.92 354 eP 42 23.45 0.3
eS 42 44.20
ALJ 1.98 317 eP 42 26.50 2.4X
IFR 1.99 211 iPn 42 25.00 0.8
iSn 42 47.00
EPRU 2.03 329 eP 42 24.80 0.2
eS 42 49.80
ECOG 2.06 8 eP 42 25.57 0.4
eS 42 47.80
ENIJ 2.22 38 eP 42 26.86 -0.5
eS 42 52.70
ELUQ 2.34 353 eP 42 29.38 0.3
eS 42 54.90
EHUE 2.79 22 eP 42 35.43 0.0
eS 43 05.00
EHOR 2.79 338 eP 42 35.95 0.5
eS 43 07.30
AVE 3.48 237 iPn 42 45.00 -0.3
eSn 43 21.00
TIO 5.13 214 iPn 43 08.00 -0.8
iSn 44 03.00
S.D. = 0.7 on 13 of 17 obs.

JUN 04, 1994 03h 21m 08.20± 0.28s
10.448 S ± 5.8km 113.179 E ± 6.3km
DEPTH = 33.0km (normal)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.57 303 ePc 22 45.00 -0.2
1.5s 194.44nm 5.7mb
iS 24 12.00
KNA 16.07 111 eP 24 50.00 -3.4X
KKM 16.66 11 eP 25 02.00 1.0
MEEK 16.90 163 eP 24 57.00 -7.0X
0.3s 31.00nm 4.9mb
eS 27 46.00
MTN 17.74 99 eP 25 14.00 -0.5
0.4s 50.00nm 5.0mb
eS 28 17.00
WARB 20.18 143 eP 25 41.20 -1.7
eS 29 09.00
BAL 20.33 171 eP 25 40.50 -3.9X
eS 29 06.00
PPR 20.84 16 ePd 25 50.00 0.3
SNG 21.52 324 eP 25 59.50 2.9
MUN 21.61 173 iPc 25 59.80 2.4
eS 29 42.00
WRA 22.47 117 P 26 06.30 0.1
0.8s 10.50nm 4.4mb X
WB2 22.48 117 eP 26 05.80 -0.5
0.6s 26.90nm 4.9mb
iS 30 04.70
ASPA 23.73 126 P 26 19.20 0.8
0.6s 22.20nm 4.9mb
PLP 24.47 29 eP 26 26.50 0.9
FORT 24.51 148 eP 26 25.00 -0.8
NNT 26.50 329 eP 26 46.00 1.4
BDT 30.88 333 eP 27 25.00 1.0
CHTO 32.29 334 ePd 27 36.80 0.4
0.8s 8.42nm 4.7mb
KMI 36.79 344 Pc+ 28 18.00 2.8
1.0s 20.00nm 4.9mb
Z 20s 1.90um 4.9Msz
N 16s 0.80um
E 16s 1.50um
pP 28 27.80 33kmX
SHL 41.37 330 iPd 28 53.50 0.3
eS 34 39.00
SSE 42.01 10 P 29 01.00 2.9
GBA 42.76 303 P 29 03.40 -1.1
0.8s 6.00nm 4.4mb X
ODAN 44.75 326 P 29 20.48 -0.3
0.8s 82.00nm 5.7mb
TAPN 44.96 327 P 29 22.59 0.0
0.9s 108.00nm 5.7mb
RAMN 45.25 326 P 29 24.51 -0.3
1.0s 77.00nm 5.6mb
KUMJ 45.95 21 eP 29 28.70 -1.2
JIRN 46.03 326 P 29 30.75 -0.3
0.9s 145.00nm 5.9mb
PKI 46.40 325 P 29 32.80 -1.1
1.0s 79.00nm 5.6mb
GUN 46.40 326 P 29 33.77 -0.2
0.9s 109.00nm 5.8mb
DMN 46.60 325 P 29 34.80 -0.6
0.7s 102.00nm 5.9mb
KKN 46.64 325 P 29 35.01 -0.7
0.9s 84.00nm 5.7mb
LZH 47.11 350 Pd 29 39.50 0.2
1.8s 38.00nm 5.1mb
Z 24s 1.61um 4.9MszX
N 18s 1.35um
pP 29 50.00 36kmX
ePP 31 30.00
eS 36 37.00
esS 36 56.00
GKN 47.16 325 P 29 38.91 -0.9
0.9s 109.00nm 5.8mb
KOLN 47.58 324 P 29 42.45 -0.7
0.8s 102.00nm 5.9mb
DANN 47.93 324 P 29 45.01 -1.0
0.8s 143.00nm 6.1mb
PYUN 48.19 323 P 29 46.88 -1.0
0.9s 93.00nm 5.8mb
POO 48.32 306 eP 29 48.00 -0.8
TKSJ 48.43 23 P 29 49.20 -0.2
WKYJ 49.26 25 P 29 55.60 -0.3
YONJ 49.28 22 P 29 54.90 -1.0
BJI 50.31 3 eP 30 02.50 -1.1
1.0s 6.00nm 4.6mb
Z 22s 1.24um 4.9Msz
N 18s 1.09um
NDI 52.16 319 iPc 30 17.00 -0.9
OFUJ 55.96 27 eP 30 44.60 -1.0
VLA 55.98 16 iPc 30 46.00 0.3
1.5s 152.00nm 5.8mb
i 30 58.00
e 32 47.00
eS 38 31.00
MRRJ 58.49 24 eP 31 02.60 -0.9
ASAJ 60.54 24 eP 31 16.70 -0.9
KUSJ 60.56 26 eP 31 17.00 -0.7
ZAK 61.19 353 eP 31 21.40 -0.4
1.6s 27.00nm 5.1mb
CIT 62.19 0 eP 31 29.50 0.8
IRK 62.93 354 eP 31 32.80 -0.7
e 32 10.50
YSS 62.99 22 eP 31 32.50 -1.5
1.2s 50.00nm 5.5mb
FRU 63.66 329 eP 31 38.00 -0.5
2.8s 150.00nm 5.6mb
e 31 48.00
e 32 14.30
BOD 68.06 1 eP 32 04.90 -1.5
1.3s 26.00nm 5.2mb
MAIO 68.63 316 iPd 32 09.00 -1.5
ASH 70.27 317 eP 32 19.00 -1.4
SKR 71.37 27 eP 32 26.70 -0.1
0.6s 40.00nm 5.6mb
SPA 79.62 180 eP 33 12.00 -1.6
0.8s 0.83nm 3.8mb X
SVE 79.71 334 iPd 33 14.20 0.1
2.0s 80.00nm 5.4mb
i 33 25.20
ARU 80.37 333 iPd 33 17.90 0.3
e 33 29.00
SLR 80.98 245 iPd 33 20.00 -1.7
1.6s 50.00nm 5.3mb
GRO 81.29 317 eP 33 24.00 1.3
2.0s 120.00nm 5.6mb
PYA 83.31 317 eP 33 34.00 0.8
i 33 44.00
KIV 83.53 317 eP 33 35.50 1.1
1.4s 11.00nm 4.8mb
e 33 40.90
MOS 90.56 327 eP 34 18.00 9.9X
OBN 90.93 326 ePc 34 10.90 1.1
1.0s 27.00nm 5.6mb
e 34 21.00
ILT 91.61 21 eP 34 12.00 -0.7
EMUT 131.30 45 ePKP 40 21.30 1.9X
PV10 133.15 46 ePKP 40 24.17 1.2
RSSD 133.56 37 ePKP 40 23.62 0.1
ULM 133.64 26 ePKP 40 27.00 3.9X
TUL 143.49 41 iPKPc 40 39.90 -1.7
GAC 144.09 10 ePKP 40 41.00 -1.3
LMN 144.68 358 ePKP 40 43.00 -0.3
1.5s 31.00nm
ELF 145.02 19 PKP 40 44.10 0.1
XIN 145.04 237 (PKP) 40 29.00 -15.9X
LDN 145.20 19 PKP 40 44.95 0.7
DLA 145.24 19 PKP 40 45.25 0.9
FVM 145.35 34 iPKPd 40 44.96 0.2
MIAR 145.76 41 ePKP 40 46.64 1.1
DON 146.20 34 ePKP 40 46.73 0.6
YSNY 146.49 16 ePKP 40 46.30 -0.2
ePKPbc40 48.63
BINY 147.37 13 ePKP 40 48.38 0.5
ePKPbc40 51.56
BAO 148.07 216 PKPc 40 53.70 3.8X
BDFB 148.08 216 ePKP 40 50.94 1.1
ePKPbc40 53.45
GPD 148.81 11 iPKP 40 55.43 5.2X
PNJ 148.98 11 i(PKP)40 56.23 5.8X
NAV 150.43 23 ePKP 40 54.60 1.8
iPKPbc40 59.04
CVL 150.66 19 ePKP 40 59.92 6.8X
CEH 152.33 22 ePKP 40 57.05 1.4
iPKPbc41 03.45
ePKPab41 14.34
CCH 152.34 181 PKP 41 05.20 8.6X
JSC 152.85 27 ePKP 40 57.45 1.1
ePKPbc41 04.80
ePKPab41 15.77
LHS 152.88 26 ePKP 40 58.23 1.8X
iPKPbc41 04.92
SIV 153.12 192 PKP 40 58.00 0.7
LPB 153.16 177 (PKP) 41 08.00 10.2X
LPAZ 153.40 177 ePKP 40 59.73 1.3
iPKPbc41 07.32
iPKPab41 18.74
S.D. = 1.1 on 81 of 95 obs.

? JUN 04, 1994 03h 30m 36.56± 0.98s
52.865 N ±21.2km 174.483 E ±12.2km
DEPTH = 33.0km (normal)
3.8mb (2 obs.)
NEAR ISLANDS, ALEUTIAN ISLANDS (5)

SMY 0.27 240 eP 30 44.06 0.2
ADK 5.50 97 (P) 31 57.88 -0.3
YKA 37.21 47 eP 37 47.00 1.0
0.4s 0.30nm 3.5mb
NB2 65.66 351 P 41 18.40 -0.8
0.4s 0.60nm 4.0mb
S.D. = 1.3 on 4 of 4 obs.

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* JUN 04, 1994 03h 32m 22.56± 0.45s
12.061 S ±16.3km 111.960 E ±21.3km
DEPTH = 60.6km (2 depth phases)
5.3mb (8 obs.)
NORTHWEST OF AUSTRALIA (588)

LEM 6.74 320 ePd 34 05.00 3.7X
MEEK 15.79 158 eP 36 04.00 1.4
eS 38 53.00
WARB 19.71 138 eP 36 50.70 0.7
eS 40 13.00
WB2 22.89 113 iPc 37 13.10 -8.9X
0.5s 26.40nm 4.9mb
i 37 17.30
ipP 37 27.40 61km
eS 41 10.40
ASPA 23.82 122 iPc 37 28.20 -2.9
0.5s 20.30nm 4.9mb
ipP 37 42.60 61km
eS 41 44.10
STKA 33.65 131 eP 38 59.10 -0.5
KMI 38.04 346 eP 39 34.00 -3.1X
Z 22s 1.50um 4.8Msz

pP 39 45.40 41kmX
ODAN 45.46 329 P 40 37.39 -0.4
TAPN 45.70 329 P 40 39.45 -0.3
0.7s 28.00nm 5.3mb
RAMN 45.94 328 P 40 41.79 0.2
JIRN 46.72 328 P 40 47.85 -0.1
0.7s 49.00nm 5.5mb
PKI 47.06 327 P 40 49.93 -0.7
GUN 47.09 328 P 40 50.69 -0.1
0.6s 48.00nm 5.6mb
DMN 47.25 327 P 40 51.97 0.0
GKN 47.82 327 P 40 56.23 -0.1
KOLN 48.20 326 P 40 59.29 0.0
0.7s 35.00nm 5.5mb
POO 48.34 308 eP 41 04.50 4.1X
DANN 48.56 326 P 41 02.33 0.1
0.8s 62.00nm 5.7mb
PYUN 48.79 325 P 41 04.31 0.4
BJI 51.98 4 eP 41 18.50 -9.2X
1.0s 6.00nm 4.6mb
SPA 78.01 180 eP 44 25.00 9.0X
1.0s 1.00nm 3.8mb X
SLR 79.23 246 eP 44 21.50 -1.9
XIN 143.15 236 (PKP) 51 58.00 5.6X
BAO 146.07 216 ePKP 52 07.20 9.7X
LMN 146.21 356 ePKP 51 58.00 1.3
0.9s 6.00nm
ELF 146.92 18 PKP 51 58.50 0.6
LDN 147.10 18 PKP 51 59.30 1.1
DLA 147.14 18 PKP 51 59.60 1.3
CCH 150.68 184 ePKP 52 18.00 13.1X
LPB 151.59 180 PKP 52 19.30 12.9X
LPAZ 151.83 180 PKP 52 19.00 12.0X
S.D. = 1.1 on 20 of 31 obs.

? JUN 04, 1994 04h 36m 13.07± 1.45s
43.970 N ±13.7km 7.410 E ±15.0km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 1.0 (STR).

AUTN 0.03 26 Pg 36 15.38 0.1
Sg 36 16.25
AURF 0.10 216 Pg 36 16.75 0.8
Sg 36 19.00
TOUF 0.12 290 Pg 36 17.29 1.0
Sg 36 19.62
MVIF 0.20 248 Pg 36 17.11 -0.4
S.D. = 1.2 on 4 of 4 obs.

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* JUN 04, 1994 05h 01m 50.35± 0.81s
9.464 S ±13.2km 113.715 E ±13.5km
DEPTH = 33.0km (normal)
4.6mb (6 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.58 293 ePc 03 28.10 0.6
WB2 22.49 120 eP 06 49.80 1.3
0.4s 8.40nm 4.6mb
epP 07 02.30 51kmX
ASPA 23.91 129 iPc 07 02.50 0.2
0.9s 13.10nm 4.5mb
ipP 07 19.80 76kmX
eS 11 06.90
STKA 34.13 135 eP 08 32.90 -1.5
i 08 42.20
GBA 42.68 302 P 09 38.90 -7.1X
0.8s 6.50nm 4.4mb
LZH 46.25 349 Pc 10 14.00 -0.6
1.2s 40.00nm 5.2mb
pP 10 20.50 22kmX
sP 10 23.00
TKSJ 47.33 23 P 10 23.70 0.7
WKYJ 48.15 24 P 10 30.50 1.0
YONJ 48.18 22 P 10 30.00 0.4
BJI 49.30 2 eP 10 37.00 -1.1
1.0s 7.00nm 4.6mb
MAT 51.23 25 eP 10 52.00 -1.0
0.7s 6.85nm 4.7mb
S.D. = 1.1 on 10 of 11 obs.

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* JUN 04, 1994 05h 11m 51.67± 0.92s
1.500 N ±15.0km 93.624 W ±13.5km
DEPTH = 10.0km (geophysicist)
4.7mb (15 obs.)
GALAPAGOS ISLANDS REGION (696)

NNA 21.39 129 eP 16 42.00 0.1
1.0s 11.00nm 4.2mb
LPAZ 30.76 126 P 18 15.00 4.6X
LPB 30.92 126 P 18 19.00 7.5X
WMOK 33.42 352 ePc 18 32.03 -0.7
1.1s 15.98nm 4.9mb
ePcP 21 14.43
MEO 33.44 353 iPd 18 31.90 -1.0
TUL 34.30 357 iPc 18 39.90 -0.4
JSC 34.60 18 eP 18 43.25 0.3
TUC 34.65 334 ePd 18 44.18 0.7
0.9s 9.24nm 4.7mb
ALQ 35.36 342 eP 18 49.45 -0.2
1.0s 5.87nm 4.4mb
ACO 35.39 352 iPc 18 47.90 -1.9
GLA 37.17 330 eP 19 04.95 0.2
PLM 38.46 328 eP 19 15.80 0.0
CVL 38.89 19 eP 19 19.93 0.8
PV10 39.33 341 ePc 19 22.70 -0.4
CSP 39.45 328 eP 19 24.85 0.9
PV09 39.47 341 eP 19 24.77 0.4
GOL 39.50 346 eP 19 24.13 -0.4
1.1s 26.14nm 4.8mb
GLD 39.51 346 eP 19 24.91 0.4
1.1s 21.23nm 4.7mb
MCWV 40.00 17 eP 19 28.60 0.3
0.8s 12.86nm 4.6mb
ARUT 40.45 336 eP 19 33.68 1.4
SRU 40.49 340 eP 19 32.02 -0.6
MSU 40.57 337 eP 19 33.99 0.7
TPNV 41.00 332 ePc 19 38.15 1.4
0.9s 155.28nm 5.7mb X
EMUT 41.22 340 eP 19 38.90 0.2
DUG 42.28 338 ePd 19 47.98 0.8
0.9s 17.32nm 4.8mb
YSNY 42.98 16 eP 19 53.53 0.7
0.9s 29.92nm 5.0mb
RSSD 43.44 349 eP 19 56.53 -0.2
1.0s 14.60nm 4.7mb
BINY 43.51 19 ePc 19 58.27 1.2
1.0s 17.57nm 4.8mb
HVU 43.65 339 eP 19 58.40 0.0
ORV 45.60 330 ePc 20 14.78 0.9
LBFM 47.15 331 ePc 20 26.25 -0.2
ULM 48.61 358 eP 20 39.00 1.7
NEW 50.81 340 eP 20 52.11 -2.2
1.0s 4.97nm 4.4mb
JAQ 54.18 13 eP 21 18.00 -1.4
YKA 62.85 349 eP 22 17.20 -2.5
1.0s 4.40nm 4.6mb
FRB 64.79 12 eP 22 32.00 -0.4
INK 71.98 345 eP 23 17.50 0.4
1.0s 5.00nm 4.6mb
RES 73.10 360 eP 23 23.50 -0.1
SVW 75.48 334 eP 23 36.26 -1.5
1.2s 33.28nm 5.3mb
MBC 76.07 354 eP 23 41.50 0.8
S.D. = 1.0 on 38 of 40 obs.

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* JUN 04, 1994 05h 17m 17.60± 0.37s
11.378 S ±14.7km 112.845 E ±18.2km
DEPTH = 40.0km (3 depth phases)
5.3mb (8 obs.)
SOUTH OF JAWA, INDONESIA (282)

MEEK 16.12 161 eP 21 03.00 -0.1
eS 23 52.00
WARB 19.66 140 eP 21 46.00 -0.2
WB2 22.37 115 eP 22 12.70 -1.2
0.5s 14.00nm 4.7mb
ipP 22 24.20 46km
eS 26 07.00
ASPA 23.47 124 iPd 22 24.90 0.3
0.5s 14.90nm 4.7mb
ipP 22 36.00 43km
iS 26 36.90
STKA 33.44 132 eP 23 56.90 1.9
i 24 06.10 32km
ODAN 45.34 327 P 25 34.25 0.1
0.6s 22.00nm 5.2mb
TAPN 45.57 328 P 25 36.15 0.2
0.6s 22.00nm 5.2mb
RAMN 45.83 327 P 25 38.65 0.6
JIRN 46.62 327 P 25 44.73 0.3
0.6s 31.00nm 5.4mb
PKI 46.97 326 P 25 46.97 -0.2
GUN 46.98 327 P 25 47.37 0.1
0.5s 31.00nm 5.5mb
DMN 47.17 326 P 25 48.69 0.1
0.6s 30.00nm 5.4mb
KKN 47.21 326 P 25 48.17 -0.7
GKN 47.74 326 P 25 52.75 -0.2
KOLN 48.14 324 P 25 56.23 0.1
DANN 48.49 325 P 25 58.77 -0.2
0.6s 32.00nm 5.5mb
PYUN 48.74 324 P 26 01.03 0.3
LPB 152.25 178 (PKP) 37 04.00 -1.1
LPAZ 152.50 178 PKP 37 01.00 -4.7X
S.D. = 0.7 on 18 of 19 obs.

& JUN 04, 1994 05h 50m 56.64s
36.814 N 118.164 W
DEPTH = 10.7km
CENTRAL CALIFORNIA (39)
<GM-P>. MD 2.8 (GM).

BHPR 0.55 332 iPd 51 07.26 -0.5
MTUM 0.63 329 ePc 51 08.53 -0.8
eS 51 17.73
WLHM 0.67 190 P 51 09.46 -0.7
CWCR 0.69 351 eP 51 09.60 -0.8
CSSM 0.85 158 P 51 12.43 -0.6
HTCR 0.86 326 Pc 51 13.11 -0.3
BCKR 0.90 349 eP 51 13.56 -0.3
VPEM 0.91 162 P 51 13.68 -0.4
BENR 0.96 340 iPd 51 14.55 -0.4
RCWM 0.96 154 P 51 14.22 -0.6
MMPM 1.05 319 ePc 51 16.10 -0.6
eS 51 30.19
WWPM 1.08 177 P 51 16.63 -0.3
CLC 1.10 155 P 51 16.67 -0.5
WORM 1.12 183 P 51 17.35 -0.2
WHFM 1.13 188 P 51 17.59 -0.1
WSCM 1.13 168 P 51 17.60 -0.2
BONR 1.14 355 ePn 51 16.80 -1.4
ISA 1.18 192 eP 51 17.97 -0.6
eS 51 33.87
BNPN 1.18 355 P 51 18.38 -0.4
WSHM 1.30 155 P 51 21.30 0.6
WHVM 1.33 193 P 51 21.21 0.0
WOFM 1.35 199 P 51 21.62 0.1
XMS 1.44 153 P 51 23.44 0.6
TNP 1.47 30 ePn 51 23.32 0.0
TPNV 1.54 84 ePn 51 23.80 -0.5
eS 51 45.80
DTP 1.56 170 P 51 25.62 1.1
BMTC 1.71 192 P 51 27.92 1.2
PDRM 1.84 256 ePd 51 29.93 1.5
PARM 1.84 253 eP 51 30.02 1.5
TJR 1.84 195 P 51 30.29 1.8
GSC 1.87 143 (P) 51 30.16 1.2
PSRM 1.96 241 eP 51 32.00 1.8
PCRM 1.97 249 eP 51 32.18 1.9
PLEC 1.98 202 P 51 33.75 3.1
YEG 2.00 227 P 51 32.77 1.9
MARC 2.04 208 P 51 33.79 2.4
BRMM 2.13 271 eP 51 34.31 1.6
ABL 2.14 204 eP 51 34.43 1.4
CMB 2.15 305 eP 51 34.09 1.1
eS 52 02.88
KVN 2.23 1 (Pn) 51 35.25 0.9
BCH 2.25 224 eP 51 35.69 1.2
SSK 2.63 171 (P) 51 40.09 0.2
ARN 2.75 282 eP 51 43.88 2.4
ORV 3.79 317 (Pn) 51 58.93 2.6
44 obs. associated

JUN 04, 1994 05h 54m 29.30± 0.28s
10.567 S ± 5.3km 113.186 E ± 6.0km
DEPTH = 32.5km (7 depth phases)
5.4mb (37 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.64 304 ePd 56 07.30 -0.1
eS 57 43.00
MBL 12.32 150 eP 57 19.00 -6.4X
eS 59 24.00
KNA 16.02 110 eP 58 12.30 -1.6
KKM 16.77 10 ePd 58 25.50 1.9
MEEK 16.79 163 eP 58 19.00 -4.7X
0.3s 25.00nm 4.8mb
eS 01 12.00
MTN 17.72 99 eP 58 36.00 0.7
0.4s 108.00nm 5.3mb

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04d 05h
              eS    01 42.00
MRWA   18.74 172 iPc   58 43.90  -4.0X
              eS    01 58.00
WARB   20.08 142 eP    59 03.00   0.0
   0.3s    6.00nm        4.4mb
              eS    02 30.00
BAL    20.21 171 eP    59 02.50  -1.8
PPR    20.95  15 ePc   59 12.00   0.0
KLB    21.35 169 eP    59 19.50   3.5X
MUN    21.49 173 eP    59 17.00  -0.4
              eS    03 03.00
COOL   21.53 161 eP    59 17.00  -0.8
              eS    03 02.00
SNG    21.62 324 eP    59 18.40  -0.4
CGP    22.10  32 eP    59 25.00   1.4
WRA    22.41 117 P     59 24.50  -2.2
   1.2s   26.90nm        4.6mb
WB2    22.42 117 eP    59 25.50  -1.3
   0.7s   30.60nm        4.9mb
              i     59 29.70  15kmX
              eS    03 25.50
BIP    22.75  35 eP    59 31.00   0.9
MAP    23.36  28 eP    59 37.00   1.0
ASPA   23.65 126 P     59 36.59  -2.3
   0.8s   17.00nm        4.6mb
ASPA   23.65 126 iPc   59 40.40   1.5
   1.0s   42.10nm        4.9mb
 Z 23s     0.40um        3.8MszX
              ipP   59 51.00  40km
              iS    03 56.50
FORT   24.40 148 eP    59 47.00   1.0
PLP    24.57  29 ePd   59 48.90   1.2
PGP    25.12  18 ePc   59 55.00   2.0
NST    29.10 333 eP    00 30.40   1.1
LOE    30.01 338 eP    00 37.00  -0.6
BDT    30.99 333 eP    00 46.00  -0.1
   1.0s   48.30nm        5.3mb
CTA    33.21 111 e(P)  01 03.50  -2.1
STKA   33.74 133 iPd   01 11.30   1.2
KMI    36.91 344 P-    01 39.00   1.7
   1.2s   30.00nm        5.0mb
 Z 16s     1.20um        4.8MszX
 E 16s     0.80um
              pP    01 49.00  34km
TOO    39.56 138 eP    02 03.60   4.4X
   1.2s   40.00nm        5.1mb
BWA    39.96 132 eP    02 07.10   4.5X
CAN    40.81 133 eP    02 12.30   2.8
SHL    41.48 330 iP    02 15.30   0.1
              eS    08 29.00
SSE    42.13  10 P     02 21.50   1.2
   1.0s   47.00nm        5.2mb
HYB    44.09 309 eP    02 34.00  -2.5
ODAN   44.85 327 P     02 42.33  -0.4
   1.0s  113.00nm        5.7mb
KAGJ   44.85  22 P     02 41.20  -1.2
TAPN   45.07 327 P     02 44.59   0.0
   0.9s   86.00nm        5.7mb
RAMN   45.35 326 P     02 46.47  -0.3
   1.0s  113.00nm        5.7mb
KUMJ   46.05  21 P     02 51.10  -0.8
JIRN   46.13 326 P     02 53.15   0.1
   0.8s  136.00nm        5.9mb
PKI    46.50 325 P     02 55.21  -0.7
GUN    46.50 326 P     02 55.79  -0.2
   0.7s   97.00nm        5.9mb
DMN    46.70 325 P     02 57.09  -0.3
   0.9s  131.00nm        5.9mb
KKN    46.74 325 P     02 57.17  -0.5
   0.9s   84.00nm        5.7mb
LZH    47.23 350 Pd    03 01.50   0.1
   1.5s   53.00nm        5.3mb
 Z 25s     0.27um        4.1MszX
 E 15s     0.40um
              pP    03 09.00  25km
              PcP   04 34.50
              PP    04 54.00
GKN    47.26 325 P     03 01.09  -0.7
DANN   48.03 324 P     03 07.29  -0.6
   0.8s  128.00nm        6.0mb
PYUN   48.29 323 P     03 09.11  -0.7
   1.0s  109.00nm        5.8mb
POO    48.40 306 eP    03 10.50  -0.1
TKSJ   48.54  23 P     03 11.00  -0.4
WKYJ   49.36  25 P     03 17.40  -0.4
YONJ   49.39  22 P     03 16.90  -1.0
BJI    50.42   3 eP    03 24.00  -1.7

   1.5s   34.00nm        5.1mb
 Z 20s     0.36um        4.4Msz
              eS    10 34.00
TSRJ   50.66  24 P     03 26.90  -0.8
NDI    52.25 319 iP    03 37.50  -2.3
CHJJ   52.37  26 eP    03 38.30  -2.3
MAT    52.44  25 iPd   03 39.10  -2.1
   1.1s   31.65nm        5.2mb
OFUJ   56.06  27 eP    04 06.70  -0.9
VLA    56.09  16 iPc   04 06.00  -1.7
   1.5s  330.00nm        6.1mb
              i     04 14.00  26km
HOOJ   59.48  26 eP    04 30.80  -0.7
ASAJ   60.64  24 eP    04 38.80  -0.7
KUSJ   60.67  26 eP    04 38.70  -0.9
ZAK    61.31 353 eP    04 43.00  -0.8
   1.4s   28.00nm        5.2mb
CIT    62.31   0 eP    04 51.20   0.6
IRK    63.05 354 eP    04 54.60  -0.9
   1.2s   22.00nm        5.2mb
YSS    63.09  22 eP    04 54.50  -1.3
   1.0s   90.00nm        5.9mb
FRU    63.76 329 iP    05 00.00  -0.4
   2.5s  120.00nm        5.6mb
              e     05 09.00  29km
              e     07 19.80
BOD    68.18   1 eP    05 27.80  -0.5
   1.2s   32.00nm        5.3mb
MAIO   68.72 316 iPd   05 31.40  -0.8
ASH    70.36 317 eP    05 42.00  -0.1
SKR    71.47  27 eP    05 48.60   0.0
YAK    73.50   8 iPd   06 00.00  -0.3
   1.5s  166.00nm        5.8mb
KER    76.85 309 ePd   06 19.00  -1.2
SVE    79.82 334 iPd   06 36.50   0.7
   1.8s   65.00nm        5.3mb
 Z 19s     0.20um        4.5Msz
 N 19s     0.10um
 E 19s     0.15um
ARU    80.48 333 iPd   06 40.50   1.2
   1.0s   20.00nm        5.1mb
              e     06 47.00  21kmX
KIV    83.62 317 eP    06 57.40   1.3
   1.4s   14.00nm        4.9mb
MOS    90.66 327 eP    07 30.00   0.3
OBN    91.03 326 eP    07 33.00   1.6
   1.2s   40.00nm        5.7mb
              e     07 44.00  35km
              e     11 09.00
ILT    91.72  21 iPc   07 35.00   0.6
              i     07 47.00  39km
BCAO   95.36 273 iPc   07 53.50   1.1
   0.6s   11.00nm        5.5mb
SDN    96.51  35 (P)   07 57.50   0.9
   0.8s   31.81nm        5.9mb
TTA    99.69  28 (P)   08 13.10   2.1
   1.0s    2.11nm        4.6mb
NEW   123.72  38 ePKP  13 27.48   2.0X
ARN   124.24  52 ePKP  13 29.44   2.6X
PEC   128.54  55 ePKP  13 38.26   3.0X
HVU   129.21  44 ePKP  13 39.45   3.0X
DUG   129.82  46 ePKP  13 40.59   3.0X
              e     13 51.25
ARUT  130.25  49 (PKP) 13 41.25   2.7X
MSU   130.92  48 ePKP  13 43.18   3.3X
SRU   131.87  46 ePKP  13 43.77   2.2X
PV09  133.11  46 ePKP  13 47.91   3.8X
PV10  133.23  46 ePKP  13 46.92   2.6X
ULM   133.75  26 ePKP  13 49.00   4.5X
GOL   135.16  43 ePKP  13 50.15   2.2X
ALQ   136.54  50 ePKP  13 54.31   3.7X
LTX   140.88  56 (PKP) 13 54.84  -3.7X
WMOK  142.22  45 ePKP  13 57.25  -3.5X
TUL   143.58  41 iPKPd 14 02.30  -0.6
GAC   144.21  10 ePKP  14 03.00  -0.7
LMN   144.80 358 ePKP  14 05.00   0.3
   1.0s    7.00nm
XIN   144.98 236 ePKP  14 06.50   0.6
ACTO  145.13  17 PKP   14 06.80   1.5
ELF   145.13  19 PKP   14 06.20   0.9
WLVO  145.28  15 PKP   14 07.16   1.6
LDN   145.31  19 PKP   14 07.10   1.5
DLA   145.35  19 PKP   14 07.40   1.7
FVM   145.44  34 iPKP  14 07.38   1.3
TYNO  145.66  17 PKP   14 08.42   2.2X
STCO  145.75  16 PKP   14 08.58   2.2X
MIAR  145.85  41 ePKP  14 09.75   2.9X

DON   146.30  34 ePKP  14 09.20   1.7
YSNY  146.60  16 ePKP  14 09.42   1.6
GRT   147.23  35 ePKP  14 13.43   4.4X
MFTN  147.33  35 (PKP) 14 10.04   0.9
BINY  147.48  13 ePKP  14 11.40   2.1X
                 ePKPbc14 13.77
BAO   147.98 216 ePKP  14 15.80   4.9X
BDFB  147.99 216 ePKP  14 14.42   3.5X
LSCT  148.50   9 ePKP  14 12.55   1.7
MCWV  148.79  20 iPKP  14 16.88   5.5X
TBR   148.85  11 (PKP) 14 13.79   2.3X
                 ePKPbc14 17.55
GPD   148.93  11 iPKP  14 17.38   5.8X
PNJ   149.09  11 i(PKP)14 18.05   6.3X
NAV   150.54  23 ePKP  14 17.23   3.0X
                 iPKPbc14 21.14
CVL   150.77  19 (PKP) 14 17.39   3.0X
                 iPKPbc14 22.07
CCH   152.22 181 PKP   14 26.60   9.0X
CEH   152.44  22 ePKP  14 18.05   1.1
JSC   152.95  27 ePKP  14 20.26   2.5X
                 iPKPbc14 26.94
LHS   152.98  26 ePKP  14 20.89   3.1X
                 iPKPbc14 26.67
SIV   153.01 192 PKP   14 27.50   9.2X
LPB   153.04 177 PKP   14 28.90  10.0X
LPAZ  153.29 177 PKP   14 29.70  10.2X
   S.D. = 1.2  on  93 of 133 obs.
--------------------------------------
  JUN  04, 1994  07h 25m 42.02± 1.00s
  16.383 N ± 7.9km   76.109 W ±10.0km
  DEPTH =  33.8 ±  9.3 km
  4.5mb ( 16 obs.)
 CARIBBEAN SEA                    ( 94)

PCJ     1.69 323 Pn    26 10.16   0.5
HOJ     1.72 339 Pn    26 10.30   0.1
GWJ     1.79 340 Pn    26 11.05  -0.2
STH     1.82 338 Pn    26 11.30  -0.2
                 S     26 36.30
SPJ     2.12 319 Pn    26 16.39   0.5
BBJ     2.28 331 Pn    26 18.47   0.3
BMG     9.72 162 eP    28 01.00  -1.8
BOG    11.86 170 eP    28 36.00   3.8X
                 eS    31 15.00
TRN    15.39 110 eP    29 19.50   1.1
JSC    18.41 346 eP    29 51.12  -5.2X
LHS    18.51 348 eP    29 56.19  -1.3
CEH    19.61 353 (P)   30 08.10  -2.5
   0.7s    5.82nm        4.0mb
NAV    21.26 350 eP    30 26.53  -1.1
PPM    21.61 280 (P)   30 32.00   0.1
III    22.38 279 (P)   30 40.00   0.8
MIAR   23.93 322 eP    30 50.12  -3.8X
   1.7s   10.13nm        4.1mb
MRX    24.07 282 (P)   31 00.00   4.6X
TBR    24.73   3 eP    31 03.13   1.6
FVM    24.94 332 eP    31 05.78   2.1
   0.3s   13.51nm        5.0mb
BINY   25.73   0 (P)   31 12.66   1.6
   0.9s    6.74nm        4.2mb
TUL    26.18 322 iPc   31 13.50  -1.8
MEO    27.22 317 iPd   31 26.50   1.7
WMOK   27.32 316 P     31 27.10   1.3
   1.5s   16.86nm        4.5mb
LTX    28.39 302 eP    31 36.44   0.8
ACO    28.75 319 iPd   31 36.60  -2.1
LPAZ   33.40 166 P     32 20.40  -0.1
LPB    33.65 166 iPc   32 22.50   0.1
GLD    34.40 318 eP    32 29.73   1.2
   0.8s    6.03nm        4.6mb
CCH    34.96 163 P     32 34.10   0.5
TUC    35.16 303 eP    32 36.32   1.4
   1.3s    7.44nm        4.5mb
PV10   36.24 314 eP    32 45.46   1.2
RSSD   36.36 325 eP    32 45.83   0.7
   1.2s    7.25nm        4.5mb
PV09   36.36 314 eP    32 47.61   2.3
ULM    37.36 339 eP    32 56.50   3.4X
SRU    37.61 314 eP    32 53.85  -1.8
EMUT   38.13 315 eP    33 00.62   0.5
MSU    38.51 312 eP    33 01.38  -1.9
GLA    38.63 303 eP    33 02.10  -2.0
DAU    38.71 315 eP    33 02.78  -2.3
ARUT   39.13 310 eP    33 08.29  -0.1
DUG    39.67 314 eP    33 14.51   1.7
   1.4s   24.48nm        4.8mb
```

```
HVU    40.36 316 eP     33 19.85   1.3
HHAI   40.84 319 (P)    33 20.51  -1.8
TPNV   40.92 308 (P)    33 26.33   3.2X
       1.0s    81.49nm          5.4mb
BDFB   42.21 138 eP     33 33.99   0.2
       1.2s    38.55nm          5.0mb
YKA    53.34 339 eP     34 58.70  -1.3
       0.9s     2.50nm          4.2mb
RES    59.22 354 eP     35 41.50  -0.4
MBC    63.93 349 eP     36 14.00   0.5
KLU    66.12 330 eP     36 25.45  -2.5
IMA    70.11 335 eP     36 52.80   0.0
       0.8s     1.86nm          4.2mb
KIC    70.39  89 P      36 56.03   0.7
       1.0s    16.50nm          5.0mb
SVW    70.74 330 eP     36 56.78   0.2
       0.9s    12.20nm          5.0mb
TTA    70.96 332 eP     36 58.13   0.1
       0.9s     3.01nm          4.4mb
WB2   150.86 258 ePKP   45 34.20   6.6X
       0.8s     3.60nm
ASPA  150.93 251 ePKP   45 33.00   5.4X
       1.6s    10.50nm
   S.D. = 1.4  on  47 of  55 obs.
-------------------------------------
% JUN  04, 1994  07h 43m 09.83± 1.20s
  33.951 S ±13.7km   70.351 W ±18.3km
  DEPTH = 110.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION   (127)
    MD 3.3 (SAN).

CHCH    0.25 274 iP     43 25.67  -0.1
                 iS     43 38.31
CACH    0.27 231 iPd    43 25.94   0.0
                 iS     43 38.90
PCH     0.36 338 iP     43 26.43   0.2
                 iS     43 39.20
TACH    0.57 301 iP     43 27.59   0.2
                 iS     43 40.99
FCH     0.62   5 iP+    43 28.39   0.2
                 iS     43 42.94
PEL     0.85 341 (P)    43 28.00  -1.9
                 iS     43 45.54
LNV     0.88 269 iP     43 30.13   0.1
                 iS     43 46.29
LCCH    1.12 295 iPd    43 32.63   0.0
                 iS     43 49.93
ROCH    1.12 330 iP     43 33.27   0.4
                 iS     43 51.62
JACH    1.28 351 iP     43 35.40   0.9
                 iS     43 54.51
   S.D. = 0.8  on  10 of  10 obs.
-------------------------------------
% JUN  04, 1994  08h 05m 16.45± 0.80s
  39.168 N ± 6.6km   27.568 E ± 8.2km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
    ML 2.7 (ISK).

IZM     0.81 197 ePg    05 32.00  -0.1
                 eSg    05 44.20
DST     0.93  62 ePn    05 34.50   0.3
EZN     1.16 305 iPn    05 38.40   0.2
EDC     1.20  11 ePn    05 39.00   0.2
BNT     1.22  13 ePn    05 38.50  -0.6
KCT     1.24  29 ePn    05 39.50   0.0
   S.D. = 0.4  on   6 of   6 obs.
-------------------------------------
? JUN  04, 1994  08h 07m 05.31± 1.83s
   4.688 S ±29.4km  104.954 W ±32.2km
  DEPTH =  10.0km  (geophysicist)
  4.4mb (  5 obs.)
 CENTRAL EAST PACIFIC RISE       (694)

LPAZ   37.92 111 P      14 32.00   6.4X
LPB    38.01 111 P      14 36.00   9.9X
WMOK   39.64   8 P      14 39.30   0.2
       1.2s     5.82nm          4.1mb
MEO    39.72   8 iPc    14 40.00   0.3
MIAR   40.47  15 eP     14 45.84   0.0
       0.7s     4.21nm          4.2mb
                 e      16 09.30
TUL    41.29  11 iPd    14 53.50   0.9
ACO    41.53   7 iPc    14 53.60  -0.9
ARUT   42.99 350 eP     15 07.87   1.2
MSU    43.50 352 (P)    15 17.49   6.6X
SRU    43.88 354 eP     15 12.32  -1.6
GLD    44.22 360 eP     15 20.14   3.5X
JSC    44.75  28 eP     15 20.55  -0.2
JEGM   45.04 340 (P)    15 27.47   4.4X
DAU    45.25 353 eP     15 26.20   1.1
RSSD   48.59   1 eP     15 49.85  -1.3
       1.0s    11.31nm          4.9mb
ULM    55.28   7 eP     16 43.00   1.9
CBM    60.82  28 (P)    17 19.42  -0.5
XIN    66.70  98 eP     17 53.00  -6.2X
YKA    67.40 355 eP     18 00.50  -2.2
       1.2s     1.60nm          4.1mb
INK    75.52 349 eP     18 51.50   0.2
SVW    76.36 337 eP     18 56.16  -0.1
       1.2s    24.40nm          5.2mb
RES    79.48   3 eP     19 13.00  -0.1
MBC    81.24 357 eP     19 23.50   1.1
MAIO  145.44  22 ePKP   26 46.00   0.1
   S.D. = 1.1  on  18 of  24 obs.
-------------------------------------
  JUN  04, 1994  08h 27m 06.89± 0.82s
  35.116 N ± 7.7km    3.871 W ± 6.9km
  DEPTH =  33.0km  (normal)
 STRAIT OF GIBRALTAR             (385)
    mbLg 3.4 (MDD). MD 3.7 (RBA).

EMEL    0.77  76 iPd    27 22.00   0.7
                 eS     27 33.40
TAF     1.23 104 ePg    27 30.00   2.0
                 i      27 32.00
                 eSn    27 48.00
                 i      27 51.00
PLAT    1.84 304 iP     27 37.00   0.3
EJIF    1.86 316 eP     27 37.21   0.2
                 eS     27 58.60
ERON    1.90   2 eP     27 36.27  -1.4
IFR     1.90 213 iPn    26 38.00 -59.8X
                 i      26 40.00
                 iSn    27 01.50
MOMI    1.93 309 eP     27 38.50   0.5
ELOJ    2.04 354 eP     27 38.08  -1.6
                 eS     28 03.80
ALJ     2.10 318 iP     27 40.50   0.0
EPRU    2.15 330 eP     27 39.78  -1.4
                 eS     28 05.70
CNIL    2.17 306 eP     27 43.00   1.6
ECOG    2.17   6 eP     27 41.76   0.2
                 eS     28 07.60
LIJA    2.17 325 eP     27 43.00   1.5
ENIJ    2.29  36 eP     27 41.39  -1.8
                 eS     28 09.50
GIBL    2.40 316 eP     27 47.00   2.3
ELUQ    2.46 353 eP     27 46.49   0.9
                 eS     28 15.90
EHUE    2.88  21 eP     27 52.79   1.2
                 eS     28 26.60
EHOR    2.92 338 eP     27 49.98  -2.1
                 eS     28 25.50
EBAN    3.04   1 eP     27 52.88  -1.0
                 eS     28 27.90
AVE     3.45 239 ePn    27 58.00  -1.6
                 iS     28 32.00
                 iSn    28 35.00
FIG     3.77 303 eP     28 06.10   2.0
                 S      28 45.60
PAB     4.44 355 ePn    28 14.00   0.3
                 eSn    29 06.00
                 eSg    29 30.00
TIO     5.06 215 iPn    28 21.00  -1.5
                 iSn    29 18.50
MVO     6.53 339 eP     28 41.60  -1.6
   S.D. = 1.5  on  23 of  24 obs.
-------------------------------------
* JUN  04, 1994  08h 29m 51.77± 0.68s
  11.035 S ±11.0km  113.416 E ±17.4km
  DEPTH =  40.0km  (  2 depth phases)
  4.9mb (  8 obs.) 4.3Msz (  3 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

LEM     7.09 306 ePd    31 36.00   0.1
MBL    11.80 149 eP     32 39.00  -1.6
                 iS     34 39.00
MEEK   16.28 163 eP     33 39.00  -0.2
       0.3s    17.00nm          4.7mb
                 eS     36 27.00
MRWA   18.25 173 iPc    34 04.20   0.4
                 eS     37 17.00
WARB   19.57 142 eP     34 23.00   3.5X
       0.4s     8.00nm          4.4mb
                 eS     37 41.00
BAL    19.71 172 eP     34 25.00   4.1X
MUN    21.00 173 eP     34 42.50   8.3X
                 eS     38 22.50
COOL   21.01 161 eP     34 40.00   5.6X
                 eS     38 17.00
WB2    22.01 116 iPc    34 46.80   2.3
       0.4s    32.00nm          5.1mb
                 epP    35 00.10  56kmX
                 eS     38 43.20
ASPA   23.20 125 iPd    35 00.00   3.8X
       0.6s    32.60nm          5.0mb
    Z  21s      0.22um          3.6Msz
                 ipP    35 11.50  45km
                 eS     39 12.50
FORT   23.89 148 eP     35 07.30   4.6X
       0.5s    13.00nm          4.7mb
STKA   33.26 133 iPc    36 31.00   3.4X
                 e      37 35.00 330kmX
KMI    37.42 344 eP     37 05.00   1.7
       1.2s    30.00nm          5.1mb
                 pP     37 15.20  35km
LZH    47.73 350 eP     38 26.50  -0.4
       1.6s    27.00nm          5.0mb
    Z  25s      0.27um          4.1MszX
                 sP     38 37.00
BJI    50.88   3 eP     38 49.50  -1.3
       1.5s    14.00nm          4.7mb
    Z  22s      0.56um          4.5Msz
MAT    52.77  25 (P)    39 04.00  -1.2
    Z  20s      0.35um          4.4Msz
SIZ    58.17 139 eP     39 35.30  -8.7X
MAIO   69.21 316 eP     40 57.00   0.2
   S.D. = 1.4  on  10 of  18 obs.
-------------------------------------
  JUN  04, 1994  08h 38m 01.31± 0.50s
  16.348 N ± 6.2km   98.968 W ± 5.4km
  DEPTH =  10.0km  (geophysicist)
  4.7mb ( 24 obs.)
 NEAR COAST OF GUERRERO, MEXICO  ( 58)

ACX     1.00 301 iP     38 17.98  -2.3
                 iS     38 29.00
III     2.07 347 iP     38 37.07   0.3
                 iS     39 04.01
OXX     2.27  71 iP     38 41.53   1.9
                 (S)    39 12.71
PPM     2.72   7 eP     38 47.50   1.1
                 iS     39 21.16
IIT     2.73  13 eP     38 47.20   0.9
                 (S)    39 24.07
IIA     2.80   6 iP     38 47.98   1.0
                 iS     39 22.04
UNM     2.97 356 (P)    38 50.00   0.3
IISM    3.03  30 iP     38 51.56   1.4
CRX     3.12 348 eP     38 53.84   2.1
MRX     3.95 328 (P)    38 53.08 -10.2X
                 (S)    39 46.20
LVVM    4.14  35 iP     39 05.18  -0.7
                 (S)    39 55.00
CGX     5.42 309 (P)    39 34.69  10.3X
SCX     6.09  85 (P)    39 35.00   1.5
AGX     6.34 331 (P)    39 57.06  20.0X
TPX     6.62 102 (P)    39 41.00  -0.1
LTX    13.63 342 eP     41 17.32   0.1
WMOK   18.31   0 eP     42 15.67  -1.5
       1.3s    28.89nm          4.3mb
MIAR   18.76  14 ePc    42 20.70  -1.9
       0.8s    12.33nm          4.2mb
VVO    19.13   8 iPc    42 25.60  -1.5
OCO    19.14   4 iPc    42 26.50  -0.8
TUC    19.17 328 eP     42 30.06   2.4
       1.7s    48.72nm          4.5mb
SIO    19.46   7 iPd    42 29.20  -2.0
TUL    19.69   8 iPd    42 31.60  -2.1
ALQ    19.69 341 eP     42 32.29  -1.7
       1.2s    15.17nm          4.2mb
GRT    21.58  21 eP     42 54.59   1.4
LST    21.71  20 eP     42 53.57  -0.9
GLA    21.96 322 eP     42 57.51   0.4
DON    22.23  19 eP     42 58.00  -1.7
FVM    22.83  18 eP     43 05.38  -0.3
       0.7s    32.17nm          4.9mb
PLM    23.40 320 eP     43 11.99   0.6
SGS    23.64  41 eP     43 14.27   0.7
PV10   23.66 340 eP     43 13.45  -0.6
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PV08 23.72 341 eP 43 16.16 1.5
PV09 23.81 340 eP 43 16.54 1.1
GOL 23.93 348 eP 43 16.96 0.3
PEC 23.94 320 eP 43 17.15 0.6
1.6s 39.88nm 4.8mb
GLD 23.95 348 eP 43 16.31 -0.4
1.4s 66.02nm 5.0mb
GSC 24.70 323 eP 43 26.19 2.2
SRU 24.83 338 ePc 43 26.06 0.8
ARUT 24.88 332 eP 43 27.54 1.8
MSU 24.94 335 ePc 43 27.59 1.2
EMUT 25.56 338 eP 43 32.60 0.3
TPNV 25.60 327 eP 43 33.85 1.3
1.3s 975.57nm 6.3mb X
ABL 25.85 319 eP 43 35.80 0.8
ISA 25.93 322 eP 43 36.27 0.7
1.3s 25.89nm 4.8mb
DAU 26.25 338 eP 43 37.66 -1.1
CEH 26.31 39 ePc 43 39.11 0.2
0.7s 23.70nm 5.0mb
NAV 26.35 34 eP 43 39.64 0.3
BLA 26.47 35 ePd 43 40.39 -0.1
1.1s 9.06nm 4.4mb
DUG 26.64 336 eP 43 42.40 0.3
1.7s 36.91nm 4.8mb
HVU 27.99 338 eP 43 55.12 0.6
RSSD 28.01 352 eP 43 55.09 0.4
1.3s 28.20nm 4.9mb
KVN 28.14 327 (P) 43 57.29 1.4
MCWV 28.59 32 (P) 43 59.66 0.0
0.8s 19.17nm 4.9mb
HHAI 29.19 340 eP 44 04.20 -1.0
BINY 32.44 33 eP 44 31.67 -2.1
0.6s 4.71nm 4.6mb
ULM 33.91 4 eP 44 48.00 1.6
GAC 35.25 29 eP 44 58.00 0.0
RMW 36.30 334 ePc 45 06.92 -0.1
GMW 36.80 333 eP 45 08.37 -2.7
JAQ 41.54 21 eP 45 50.00 -0.4
LPAZ 44.46 135 P 46 15.40 0.0
i 49 51.70
LPB 44.66 136 P 46 17.00 0.3
CCH 46.59 135 P 46 32.00 0.1
YKA 47.39 350 eP 46 35.70 -1.6
1.1s 8.60nm 4.8mb
FRB 51.78 17 eP 47 10.50 -0.5
1.0s 4.00nm 4.3mb
KLU 55.95 335 eP 47 42.06 0.1
INK 56.38 345 eP 47 44.00 -0.8
1.0s 5.00nm 4.5mb
RES 58.39 1 eP 47 47.00 -11.8X
FBA 58.49 338 eP 47 58.55 -1.2
1.0s 1.01nm 3.9mb
BDFB 59.49 120 eP 48 06.24 -1.2
1.1s 23.96nm 5.2mb
TTA 60.81 334 eP 48 13.83 -2.0
1.2s 7.30nm 4.7mb
MBC 60.86 355 eP 48 15.50 -0.3
1.0s 5.00nm 4.6mb
DAG 71.95 14 iPc 49 25.70 -0.7
1.0s 15.00nm 5.0mb
PAB 83.25 51 eP 50 36.00 6.3X
NB2 85.23 27 P 50 40.10 0.9
1.4s 12.60nm 4.9mb
GEC2 91.97 38 P 51 17.00 5.3X
1.1s 2.55nm 4.5mb
WRA 129.38 257 PKP 57 12.60 0.0
0.7s 0.60nm
HYB 146.36 4 ePKP 57 43.50 -0.2
GBA 150.03 7 PKP 57 53.70 4.3X
0.9s 5.00nm
S.D. = 1.2 on 73 of 80 obs.

% JUN 04, 1994 08h 45m 27.21± 1.47s
43.250 N ±10.7km 18.996 E ± 7.6km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.1 (TTG).

PLE 0.30 74 iPgd 45 33.58 0.0
iSg 45 37.96
NKY 0.44 180 iPgc 45 36.20 0.0
iSg 45 42.76
BRY 0.48 224 iPgd 45 36.75 -0.3
iSg 45 44.14
IVA 0.76 119 iPgc 45 41.96 -0.2
iSg 45 53.35
TTG 0.84 167 iPgc 45 42.40 -1.0
iSg 45 55.97
HCY 0.88 205 iPgc 45 44.38 0.2
iSg 45 57.37
PVY 0.97 132 iPgc 45 46.03 0.3
iSg 46 00.40
BDV 0.97 187 iPgd 45 46.00 0.3
iSg 46 00.49
ULC 1.30 172 iPgc 45 51.90 0.6
iSg 46 11.29
S.D. = 0.5 on 9 of 9 obs.

% JUN 04, 1994 08h 51m 26.31± 0.68s
39.147 N ± 5.4km 27.560 E ± 6.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.78 197 ePg 51 41.20 -0.4
eSg 51 53.30
DST 0.95 61 ePn 51 44.00 -0.4
EZN 1.17 306 iPn 51 48.40 0.2
EDC 1.22 11 ePn 51 49.00 0.0
BNT 1.24 13 ePn 51 49.50 0.2
KCT 1.26 29 ePn 51 49.50 -0.2
KHL 1.74 118 ePn 51 57.50 0.7
S.D. = 0.5 on 7 of 7 obs.

% JUN 04, 1994 08h 53m 19.12± 0.84s
39.139 N ± 7.2km 27.546 E ± 8.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.77 197 ePg 53 34.20 0.0
eSg 53 46.50
DST 0.96 61 ePn 53 37.50 0.1
EZN 1.17 306 iPn 53 40.90 0.0
BNT 1.25 13 ePn 53 42.50 0.2
KCT 1.27 29 ePn 53 42.50 -0.3
S.D. = 0.2 on 5 of 5 obs.

? JUN 04, 1994 09h 03m 32.75± 1.74s
12.955 S ±14.2km 115.532 E ±30.8km
DEPTH = 33.0km (normal)
4.5mb (4 obs.)
NORTHWEST OF AUSTRALIA (588)

MBL 9.14 154 eP 05 49.00 3.6X
iS 07 49.00
MEEK 13.92 168 eP 06 50.00 0.1
0.3s 16.00nm 5.3mb
eS 09 36.00
WARB 16.80 143 eP 07 33.00 5.8X
0.4s 3.00nm 3.8mb
eS 10 56.00
WB2 19.33 114 iPd 07 57.70 -0.7
0.5s 12.00nm 4.4mb
i 08 00.10
i 08 11.30
eS 11 53.20
ASPA 20.41 124 iPc 08 11.30 1.4
0.5s 11.70nm 4.5mb
ipP 08 22.30 46kmX
eS 12 27.90
STKA 30.44 132 eP 09 43.80 -0.9
SZP 30.70 9 eP 09 47.00 0.1
LPAZ 150.72 173 PKP 23 13.40 -5.7X
S.D. = 1.2 on 5 of 8 obs.

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* JUN 04, 1994 09h 25m 40.95± 0.48s
10.904 S ± 9.5km 113.789 E ±14.1km
DEPTH = 43.6km (4 depth phases)
4.8mb (9 obs.) 4.2Msz (1 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 7.32 303 ePc 27 29.00 0.8
MBL 11.73 151 eP 28 27.50 -1.2
iS 30 28.00
MEEK 16.30 164 eP 29 29.80 1.3
0.3s 13.00nm 4.5mb
eS 32 15.00
WARB 19.45 143 eP 30 12.00 4.9X
0.4s 5.00nm 4.1mb
eS 33 34.00
WB2 21.74 117 eP 30 36.60 5.9X
0.6s 18.50nm 4.7mb
ipP 30 49.10 52km
eS 34 30.00
ASPA 22.98 126 iPd 30 49.90 7.0X
0.9s 23.70nm 4.6mb
ipP 31 01.40 46km
eS 35 04.70
FORT 23.80 148 eP 30 57.00 6.3X
CHTO 32.96 334 eP 32 18.70 4.8X
STKA 33.08 133 iPd 32 20.40 5.5X
i 32 31.50 41km
KMI 37.39 343 eP 32 54.60 2.7X
1.2s 30.00nm 5.1mb
pP 33 05.20 37km
sP 33 09.60
ODAN 45.46 326 P 33 57.93 -0.1
TAPN 45.67 327 P 34 00.05 0.3
RAMN 45.96 325 P 34 02.39 0.4
JIRN 46.74 326 P 34 08.41 0.1
0.6s 17.00nm 5.2mb
GUN 47.11 326 P 34 11.27 0.1
DMN 47.31 325 P 34 12.43 -0.3
LZH 47.67 349 eP 34 16.00 0.7
1.5s 19.00nm 4.9mb
Z 20s 0.25um 4.2Msz
pP 34 20.00 13kmX
GKN 47.88 325 P 34 16.61 -0.4
KOLN 48.30 323 P 34 19.61 -0.8
0.6s 22.00nm 5.3mb
DANN 48.65 324 P 34 22.53 -0.6
PYUN 48.91 323 P 34 23.75 -1.3
BJI 50.73 2 eP 34 39.50 1.0
1.5s 14.00nm 4.8mb
MAT 52.50 25 (P) 34 52.00 0.0
XIN 145.28 235 ePKP 45 23.60 6.9X
LPB 152.68 176 PKP 45 41.90 13.4X
LPAZ 152.92 176 PKP 45 41.50 12.3X
S.D. = 0.8 on 16 of 26 obs.

% JUN 04, 1994 09h 50m 13.30± 0.83s
41.078 N ± 8.0km 28.691 E ± 6.1km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

CTT 0.21 289 iPg 50 17.90 0.3
iSg 50 20.60
ISK 0.28 93 iPg 50 19.00 0.1
eSg 50 24.00
BNT 0.93 219 ePg 50 31.50 0.0
eSg 50 44.00
EDC 0.96 221 ePg 50 32.00 -0.1
DMK 1.02 317 ePn 50 32.80 -0.3
S.D. = 0.3 on 5 of 5 obs.

JUN 04, 1994 10h 38m 56.18± 0.47s
36.821 N ±10.5km 54.747 E ± 5.6km
DEPTH = 33.0km (normal)
4.6mb (13 obs.)
NORTHERN IRAN (348)
ML 4.6 (TEH).

TEH 2.92 249 eP 39 42.00 0.5
MAIO 3.86 96 eP 39 55.00 0.3
0.9s 48.17nm
eSn 40 45.00
KER 6.69 251 eP 40 35.00 0.1
TAB 6.81 283 e(P) 40 40.00 3.4X
OBN 22.09 332 eP 43 50.00 0.2
e 44 01.00
e 45 27.00
NUR 30.45 331 eP 45 16.70 9.1X
KAF 30.86 334 eP 45 16.00 4.8X
HFS 34.97 325 eP 45 48.90 2.0
0.9s 8.20nm 4.6mb
PGF 35.33 294 eP 45 49.60 -0.8
1.3s 42.95nm 5.2mb
CDF 36.26 304 eP 45 58.10 0.0
0.7s 2.55nm 4.2mb
NB2 36.44 326 P 45 59.10 -0.4
0.8s 2.00nm 4.1mb
LPG 36.69 299 eP 46 02.50 0.5
1.2s 13.40nm 4.7mb
LPL 36.70 299 eP 46 02.70 0.6
0.9s 5.90nm 4.5mb
FRF 36.93 296 eP 46 04.00 0.3
0.8s 12.75nm 4.8mb
SMF 38.64 301 eP 46 17.10 -0.9

0.8s 4.85nm 4.4mb
AVF 38.96 301 eP 46 19.60 -1.1
0.7s 5.20nm 4.4mb
MAF 39.55 301 eP 46 25.00 -0.6
1.1s 12.95nm 4.6mb
RJF 40.38 299 eP 46 33.00 0.5
0.8s 9.00nm 4.6mb
LFF 40.97 299 eP 46 36.60 -0.7
0.8s 16.80nm 4.8mb
KMI 42.38 92 eP 46 48.80 -0.5
1.0s 20.00nm 4.8mb
pP 46 56.00 24kmX
CHTO 42.59 103 eP 46 51.00 0.2
S.D. = 0.8 on 18 of 21 obs.

% JUN 04, 1994 10h 45m 59.89± 3.54s
40.084 N ±31.7km 29.173 E ±13.9km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZI 0.34 42 iPg 46 06.60 -0.2
eSg 46 11.60
YLV 0.51 18 ePg 46 10.00 0.0
KCT 0.65 285 ePg 46 12.50 -0.3
HRT 0.83 27 ePn 46 16.60 0.2
BNT 1.00 286 ePn 46 19.50 0.2
EDC 1.04 285 ePn 46 20.00 0.1
S.D. = 0.3 on 6 of 6 obs.

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* JUN 04, 1994 11h 00m 17.74± 0.76s
9.614 S ±18.0km 114.559 E ±19.8km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
SOUTH OF BALI, INDONESIA (284)

LEM 7.41 291 ePc 02 07.00 0.5
MBL 12.55 157 eP 03 09.50 -7.4X
eS 05 12.00
WARB 20.07 147 eP 04 51.50 0.2
WRA 21.68 120 P 05 02.00 -5.9X
0.9s 0.50nm 2.9mb X
WB2 21.69 120 eP 05 18.10 10.1X
0.5s 7.80nm
epP 05 27.00 32kmX
eS 08 58.10
ASPA 23.17 129 iPc 05 29.70 7.2X
1.0s 15.70nm 4.5mb
LOE 29.69 335 eP 06 25.00 1.9
STKA 33.44 135 iPd 06 59.90 4.1X
ODAN 44.83 325 P 08 31.08 0.1
TAPN 45.03 325 P 08 33.34 0.7
RAMN 45.35 324 P 08 35.24 0.1
JIRN 46.13 324 P 08 41.70 0.3
GUN 46.50 324 P 08 44.36 0.1
PKI 46.52 323 P 08 43.72 -0.7
DMN 46.72 323 P 08 45.48 -0.5
KKN 46.76 324 P 08 45.84 -0.4
KOLN 47.74 322 P 08 52.84 -1.2
DANN 48.07 323 P 08 55.50 -1.1
S.D. = 0.9 on 13 of 18 obs.

JUN 04, 1994 11h 16m 36.10± 0.89s
42.734 N ± 8.2km 111.019 W ± 6.6km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 2.9 (GS). Felt in the Afton,
Wyoming area.

PTI 1.00 278 eP 16 55.74 0.0
eS 17 09.27
HVU 1.62 234 eP 17 05.08 -0.4
eS 17 26.48
DAU 2.33 184 eP 17 17.38 1.4
DUG 2.87 209 eP 17 23.56 0.0
EMUT 2.92 177 ePn 17 24.97 0.6
SRU 3.64 174 ePn 17 34.93 0.5
MSU 4.31 192 ePn 17 43.36 -0.6
PV09 4.47 161 ePn 17 45.27 -1.1
PV08 4.53 156 (Pn) 17 46.29 -0.9
PV10 4.61 160 (Pn) 17 48.58 0.3
RSSD 5.27 72 (Pn) 17 57.88 0.2
0.5s 1.49nm 3.9mb X
S.D. = 0.8 on 11 of 11 obs.

% JUN 04, 1994 11h 17m 32.38± 0.64s
40.484 N ± 5.7km 21.879 E ± 5.4km
DEPTH = 5.0km (geophysicist)
GREECE (364)

FNA 0.49 308 iPg 17 41.68 -0.4
eSg 17 50.72
LIT 0.60 129 ePg 17 43.86 -0.6
eSg 17 53.10
GRG 0.62 40 ePg 17 44.52 -0.2
eSg 17 53.22
KNT 1.03 48 ePg 17 53.24 1.0
eSg 18 07.92
SOH 1.17 73 ePb 17 55.20 0.4
SRS 1.45 64 ePb 17 58.46 -0.8
AGG 1.50 166 ePb 18 00.28 0.3
IGT 1.52 232 ePb 18 00.68 0.4
S.D. = 0.7 on 8 of 8 obs.

JUN 04, 1994 11h 18m 53.04± 0.26s
10.790 S ± 5.0km 113.338 E ± 6.5km
DEPTH = 30.9km (8 depth phases)
5.2mb (28 obs.) 4.7Msz (2 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 5.2 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 28C
Centroid Location:
Origin Time 11:19: 1.3 1.0
Lat 10.62S 0.09 Lon 113.36E 0.13
Dep 15.0 FIX Half-duration 1.9
Moment Tensor; Scale 10**16 Nm
Mrr=-6.21 0.95 Mtt= 4.41 0.57
Mff= 1.81 1.45 Mrt=-0.90 2.23
Mrf=-2.88 1.81 Mtf= 2.44 0.51
Principal Axes:
T Val= 6.30 Plg=10 Azm=145
N 0.84 14 53
P -7.14 72 270
Best Double Couple:Mo=6.7*10**16
NP1:Strike=253 Dip=37 Slip= -66
NP2: 43 57 -107

LEM 6.89 304 ePd 20 45.00 10.3X
eS 24 42.00
MBL 12.05 150 eP 21 37.00 -8.7X
KGM 16.16 321 eP 22 44.00 4.3X
MEEK 16.53 163 eP 22 36.00 -8.3X
0.3s 41.00nm 5.0mb
eS 25 24.00
KKM 16.97 10 ePd 22 50.50 0.6
MTN 17.54 98 eP 22 58.00 1.1
0.4s 25.00nm 4.7mb
MRWA 18.50 173 iPd 23 02.20 -6.6X
eS 26 11.00
IPM 19.58 321 ePd 23 19.90 -1.8
0.6s 26.20nm 4.7mb
WARB 19.81 142 eP 23 22.00 -2.1
0.4s 14.00nm 4.6mb
eS 26 46.00
BAL 19.97 171 eP 23 21.50 -4.2X
eS 26 40.00
KLB 21.10 169 eP 23 37.00 -0.4
eS 27 15.00
MUN 21.25 173 iPc 23 39.80 0.9
eS 27 18.00
COOL 21.27 161 iPc 23 39.40 0.3
eS 27 13.00
DAV 21.54 35 eP 23 41.00 -0.9
SNG 21.88 324 eP 23 44.00 -1.4
eS 41 48.00
WRA 22.18 117 P 23 48.29 -0.1
0.7s 9.10nm 4.3mb
WB2 22.19 117 iPd 23 47.20 -1.3
0.8s 24.60nm 4.7mb
eS 27 42.40
CGP 22.21 31 eP 24 06.00 17.4X
NWAO 22.32 171 eP 23 56.00 6.4X
eS 27 45.00
BIP 22.85 35 eP 23 58.00 3.1X
ASPA 23.40 126 P 24 01.10 0.7
0.6s 34.00nm 5.0mb
MAP 23.49 27 eP 24 03.00 1.8
FORT 24.13 148 eP 24 05.00 -2.3
PLP 24.69 28 eP 24 14.50 1.7
PGP 25.29 18 ePd 24 20.90 2.4
NNT 26.87 329 eP 24 35.00 1.9
BAG 27.96 15 eP 24 38.50 -4.7X
NST 29.36 333 eP 24 57.00 1.3
LOE 30.27 338 eP 25 04.00 0.2
BDT 31.25 333 eP 25 14.00 1.6
CHTO 32.66 334 eP 25 27.50 2.8
STKA 33.48 133 iPd 25 32.10 0.3
i 25 40.30 28km
KMI 37.16 344 P- 26 04.00 0.6
1.2s 30.00nm 5.0mb
Z 20s 1.20um 4.7Msz
N 13s 0.80um
E 13s 0.80um
pP 26 04.60 2kmX
sP 26 18.40
eS 32 05.00
TOO 39.29 138 eP 26 21.30 0.3
1.0s 23.00nm 4.9mb
ARMA 40.55 125 eP 26 36.20 4.7X
1.0s 8.00nm 4.4mb
SHL 41.74 330 iPc 26 41.50 0.1
eS 32 46.50
SSE 42.32 10 P+ 26 47.00 1.2
pP 26 56.50 32km
GBA 43.08 303 P 26 56.00 3.8X
HYB 44.35 309 eP 27 04.00 1.4
ODAN 45.12 327 P 27 08.24 -0.6
TAPN 45.33 327 P 27 10.20 -0.4
RAMN 45.62 326 P 27 13.68 0.8
KUMJ 46.21 21 eP 27 15.90 -1.2
JIRN 46.40 326 P 27 18.70 -0.4
0.8s 88.00nm 5.8mb
PKI 46.76 325 P 27 20.92 -1.1
GUN 46.77 326 P 27 20.98 -1.0
0.5s 63.00nm 5.8mb
DMN 46.96 325 P 27 22.70 -0.8
KKN 47.01 325 P 27 22.42 -1.3
LZH 47.48 350 Pc 27 27.50 0.2
2.0s 90.00nm 5.4mb
Z 30s 0.71um 4.5MszX
pP 27 39.00 41km
GKN 47.53 325 P 27 27.00 -0.8
SHNJ 47.75 20 eP 27 31.60 2.4
KOLN 47.95 324 P 27 29.78 -1.4
DANN 48.29 324 P 27 33.14 -0.8
PYUN 48.55 323 P 27 35.22 -0.6
POO 48.65 307 eP 27 41.00 4.5X
TKSJ 48.69 23 eP 27 35.70 -0.8
WKYJ 49.50 24 P 27 42.70 -0.2
YONJ 49.54 22 P 27 42.30 -0.8
BJI 50.64 3 eP 27 50.00 -1.3
2.0s 32.00nm 5.0mb
Z 20s 0.91um 4.8Msz
eS 35 00.00
TSRJ 50.81 24 eP 27 51.80 -0.9
MTMJ 52.45 25 P 28 03.90 -1.4
CHJJ 52.50 26 P 28 03.80 -1.7
NDI 52.52 319 eP 28 12.00 6.2X
MAT 52.58 25 eP 28 04.00 -2.2
1.0s 11.00nm 4.8mb
(S) 35 29.00
YAMJ 54.73 26 eP 28 21.10 -0.9
OFUJ 56.19 26 eP 28 31.70 -0.8
VLA 56.26 16 iPd+ 28 33.50 0.6
1.2s 210.00nm 6.0mb
i 28 43.00 31km
i 28 50.00
i 30 43.00
iPPP 31 58.00
iS 36 28.00
ASAJ 60.79 24 eP 29 03.70 -0.7
ZAK 61.54 353 eP 29 09.00 -0.4
1.6s 38.00nm 5.3mb
CIT 62.53 0 eP 29 16.50 0.4
AAA 63.21 331 eP 29 20.00 -0.7
eS 37 52.00
YSS 63.24 22 eP 29 20.30 -0.5
e 29 36.00 58kmX
e 37 54.00
IRK 63.28 354 eP 29 20.00 -1.0
1.6s 23.00nm 5.1mb
e 29 29.50 31km
FRU 64.03 329 iP 29 25.50 -0.6
2.5s 180.00nm 5.7mb
e 29 35.70 33km
e 29 55.00
BOD 68.40 0 eP 29 52.50 -1.1
2.0s 96.00nm 5.5mb
ASH 70.62 317 eP 30 06.00 -1.7

04d 11h

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YAK    73.70   8 iPc   30 24.50  -0.9
       2.0s   223.00nm         5.8mb
SPA    79.28 180 iPd   30 57.90   1.0
       1.1s     7.14nm         4.6mb
SVE    80.09 334 iPc   31 02.00   0.8
       2.5s   180.00nm         5.6mb
                 e     31 18.80  60kmX
                 e     41 05.00
ARU    80.75 333 iP    31 05.70   1.0
                 e     31 13.00  23km
SLR    80.98 245 eP    30 47.00 -19.8X
       0.5s    12.00nm
BUL    81.46 251 iPc   31 18.50   9.1X
PYA    83.67 317 eP    31 20.00  -0.1
                 i     31 37.00  61kmX
                 e     41 40.00
KIV    83.89 317 ePd   31 22.00   0.6
       2.5s    97.00nm         5.5mb
                 e     31 31.30  29km
                 e     31 37.20
                 e     41 47.10
SOC    85.78 316 eP    31 30.00  -0.7
       2.0s   150.00nm         5.9mb
SNA    88.23 198 e(P)  31 42.20   0.0
       0.3s    12.00nm         5.7mb
MOS    90.93 327 eP    31 56.00   1.1
OBN    91.30 326 eP    31 57.00   0.4
       1.8s    50.00nm         5.6mb
                 e     32 14.00  59kmX
ILT    91.87  21 iPc   32 11.60  12.6X
BCAO   95.53 273 iPc   32 10.00  -7.1X
       0.7s     9.00nm         5.3mb
MSU   130.96  48 ePKP  38 06.80   2.9X
                 e     38 15.94
PV09  133.16  47 (PKP) 38 07.50  -0.7
PV10  133.27  47 ePKP  38 10.96   2.6X
RSSD  133.74  37 ePKP  38 10.89   1.9
                 e     38 19.42
ULM   133.88  26 ePKP  38 22.50  13.8X
ALQ   136.57  50 ePKP  38 11.95  -2.7X
WMOK  142.26  46 ePKP  38 20.16  -4.6X
MEO   142.38  45 iPKPc 38 25.00   0.0
TUL   143.65  42 iPKPd 38 26.10  -0.9
GAC   144.40  11 ePKP  38 27.00  -1.0
XIN   144.98 236 ePKP  38 30.70   0.8
LMN   145.02 358 ePKP  38 30.00   0.9
      1.0s     6.00nm
TYS   145.08  34 ePKP  38 29.29  -0.1
                 e     38 38.29
FVM   145.54  34 ePKP  38 29.86  -0.4
ITR   145.84 236 ePKP  38 31.80   0.4
MIAR  145.91  42 ePKPc 38 32.49   1.6
                 i     38 42.35
DON   146.39  35 ePKP  38 32.21   0.6
                 e     38 42.61
YSNY  146.77  16 ePKP  38 34.27   2.1X
                 e     38 43.59
LST   146.97  35 (PKP) 38 33.21   0.7
BINY  147.66  13 ePKP  38 35.86   2.3X
                 e     38 46.44
BAO   147.89 215 ePKP  38 39.80   5.1X
HRV   148.12   7 ePKP  38 36.33   2.1X
LSCT  148.70   9 ePKP  38 37.07   1.9
MCWV  148.95  20 (PKP) 38 37.48   1.8
PNJ   149.28  11 i(PKP)38 42.61   6.6X
NAV   150.68  23 ePKP  38 38.44   0.1
                 i     38 54.19
CVL   150.93  19 (PKP) 38 40.28   1.6
               ePKPbc38 45.83
CCH   152.00 181 ePKP  38 51.00   9.8X
CEH   152.58  22 (PKP) 38 43.99   2.9X
               ePKPbc38 49.15
                 i     38 58.37
LPB   152.82 177 PKP   38 51.30   8.8X
SIV   152.82 192 PKP   38 48.00   6.0X
LPAZ  153.06 177 PKP   38 52.90   9.8X
    S.D. = 1.2  on  89 of 122 obs.
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? JUN  04, 1994  11h 27m 44.49± 1.05s
   39.135 N ± 7.9km    27.551 E ±12.6km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
     ML 2.8 (ISK).

IZM     0.77 197 ePg    27 59.50   0.0
                 eSg    28 11.00
EZN     1.17 306 ePn    28 06.50   0.1
EDC      1.23  11 ePn    28 07.00  -0.4
KCT      1.27  29 ePn    28 08.50   0.4
     S.D. = 0.6  on   4 of   4 obs.
--------------------------------------
  JUN  04, 1994  11h 29m 58.88± 0.23s
  37.657 N ± 8.5km    71.149 E ± 7.0km
  DEPTH =  33.0km  (normal)
  4.5mb ( 17 obs.)
 AFGHANISTAN-TAJIKISTAN BORD REG.(717)

NDI     10.29 149 eP     32 27.00  -0.3
PYUN    13.77 130 P      33 13.87  -0.3
DANN    14.06 128 P      33 18.83   0.7
KOLN    14.38 130 P      33 21.85  -0.3
GKN     14.86 126 P      33 29.77   1.3
KKN     15.42 126 P      33 35.93   0.1
DMN     15.43 126 P      33 36.29   0.3
PKI     15.65 126 P      33 38.79  -0.1
GUN     15.73 124 P      33 40.65   0.7
JIRN    16.10 124 P      33 44.41  -0.3
RAMN    16.85 125 P      33 52.71  -1.3
TAPN    17.32 122 P      33 59.71  -0.3
ODAN    17.43 123 P      34 01.01  -0.2
NB2     43.53 322 P      38 04.30   3.5X
        0.4s     1.20nm          4.0mb
PGF     46.85 296 eP     38 26.80  -0.8
        0.8s    11.80nm          4.9mb
BSF     47.08 304 eP     38 29.90   0.6
        0.5s     2.85nm          4.5mb
HAU     47.34 304 eP     38 31.80   0.5
        0.6s     4.25nm          4.6mb
LPG     47.65 301 eP     38 34.60   0.5
        0.8s     5.25nm          4.6mb
LPL     47.66 301 eP     38 34.30   0.2
        0.6s     3.80nm          4.6mb
LBF     49.14 303 eP     38 44.70  -0.6
        0.5s     1.00nm          4.1mb
LOR     49.15 304 eP     38 46.20   0.9
        0.8s     5.90nm          4.7mb
SMF     49.32 303 eP     38 46.60   0.0
        0.6s     3.25nm          4.5mb
SSF     49.43 304 eP     38 47.20  -0.3
AVF     49.60 303 eP     38 48.70  -0.1
        0.4s     1.80nm          4.5mb
MAF     50.28 303 eP     38 53.90  -0.1
        0.7s     6.05nm          4.7mb
LSF     50.96 303 eP     38 58.60  -0.6
        0.5s     3.50nm          4.6mb
MBC     66.18   3 eP     40 44.00  -0.7
        0.5s     2.00nm          4.5mb
IMA     70.99  18 eP     41 15.50   0.6
        0.7s     0.90nm          3.9mb
INK     72.75   9 eP     41 25.50   0.4
        0.5s     2.00nm          4.4mb
FBA     73.33  16 iP     41 28.80   0.2
        0.8s     1.00nm          3.9mb
YKA     80.09   3 eP     42 05.40  -0.9
        0.5s     1.50nm          4.2mb
     S.D. = 0.6  on  30 of  31 obs.
--------------------------------------
*  JUN  04, 1994  11h 35m 42.48± 1.01s
   51.335 N ± 8.9km    15.823 E ± 9.8km
   DEPTH =  10.0km  (geophysicist)
 POLAND                          (548)

BRG      1.27 249 iPg    36 07.60   1.5
                  iSg    36 27.50
                  eSg    41 44.40
PRU      1.58 212 ePn    36 09.00  -1.5
         0.4s     6.40nm
                  ePg    36 12.50
                  e      36 16.80
                  e      36 25.70
                  Sn     36 29.10
                  eSg    36 36.30
CLL      1.77 270 iPn    36 12.60  -0.7
                  iPg    36 15.70
                  eSg    36 42.00
OKC      2.11 135 ePg    36 18.70   0.5
                  e(Sg)  36 45.00
KHC      2.64 214 Pn     36 26.00   0.2
                  ePg    36 31.50
                  e      37 00.50
                  eSg    37 08.50
                  e      37 15.30
MOX      2.75 257 iPg    36 35.40   8.0X
                  iSg    37 15.60
GEC2     2.84 210 Pn     36 28.90   0.1
         0.4s     0.78nm
HFS      8.90 353 eP     37 53.90  -0.1
         0.3s     1.50nm          4.9mb X
     S.D. = 1.2  on   7 of   8 obs.
--------------------------------------
  JUN  04, 1994  11h 36m 36.07± 0.21s
  10.831 S ± 4.6km  113.225 E ± 5.2km
  DEPTH =  34.1km  ( 10 depth phases)
  5.6mb ( 44 obs.)  5.1Msz ( 31 obs.)
 SOUTH OF JAWA, INDONESIA         (282)
      Mw 5.6 (HRV).
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 43S, 72C
      Centroid Location:
      Origin Time        11:36:38.7 0.3
      Lat 11.01S 0.03 Lon 113.35E 0.04
      Dep  15.0 BDY Half-duration  1.4
      Moment Tensor;    Scale 10**17 Nm
        Mrr=-2.53 0.07  Mtt= 2.40 0.07
        Mff= 0.13 0.11  Mrt= 0.75 0.35
        Mrf=-0.90 0.25  Mtf= 0.87 0.07
      Principal Axes:
       T  Val=   2.73  Plg= 5  Azm=343
       N          0.26      21      75
       P         -2.99      68     240
      Best Double Couple:Mo=2.9*10**17
       NP1:Strike= 52 Dip=44 Slip=-121
       NP2:        272    53       -64

MBL     12.07 149 eP     39 21.00  -7.7X
TSM     15.72  17 eP     40 29.00  12.2X
KNA     15.89 110 eP     40 15.30  -3.7X
KGM     16.12 322 eP     40 26.00   4.1X
MEEK    16.53 163 eP     40 21.00  -6.0X
        0.3s    80.00nm          5.3mb
                  eS     43 09.00
KKM     17.03  10 ePd    40 38.50   5.1X
MTN     17.64  98 eP     40 40.00  -1.0
        0.5s    90.00nm          5.2mb
                  eS     43 43.00
MRWA    18.48 172 iPd    40 46.50  -4.8X
                  eS     43 56.00
IPM     19.54 321 ePc    41 02.40  -1.6
        0.9s    35.90nm          4.7mb
WARB    19.85 142 eP     41 04.00  -3.2X
                  eS     44 29.00
BAL     19.94 171 eP     41 05.50  -2.6
                  eS     44 35.00
KLB     21.08 169 eP     41 20.50   0.6
                  eS     44 56.00
PPR     21.19  15 ePc    41 20.00  -1.1
MUN     21.23 173 eP     41 30.00   8.7X
      Z  20s     8.80um          5.1Msz
      N  20s     9.60um
      E  20s     8.80um
                  eS     45 03.00
COOL    21.27 161 eP     41 20.00  -1.8
                  eS     44 56.00
DAV     21.63  35 eP     41 26.00   0.5
                  eS     46 17.90
SNG     21.85 324 eP     41 27.50  -0.2
                  eS     45 28.00
WRA     22.26 117 P      41 30.89  -0.9
        0.7s    58.00nm          5.1mb
WB2     22.27 117 iPd    41 30.30  -1.6
        0.6s    85.30nm          5.4mb
                  epP    41 40.50  39km
                  iS     45 28.60
NWAO    22.30 171 eP     41 37.00   4.9X
      Z  20s     2.40um          4.6Msz
                  eS     45 25.00
CGP     22.30  31 eP     41 35.00   2.8X
BIP     22.94  35 eP     41 40.50   2.0
ASPA    23.47 126 P      41 43.20  -0.5
        0.7s    86.90nm          5.4mb
MAP     23.58  27 eP     41 46.00   1.3
FORT    24.16 147 eP     41 49.70  -0.5
        0.5s    36.00nm          5.2mb
                  eS     46 06.00
PLP     24.78  28 eP     41 57.50   1.2
PGP     25.36  18 ePc    42 05.50   3.6X
NNT     26.85 330 eP     42 18.00   2.4
BAG     28.03  15 eP     42 25.50  -1.0
                  eS     47 19.00
NST     29.35 334 eP     42 39.50   1.3
```

LOE 30.27 338 eP 42 45.00 -1.4
BDT 31.24 333 eP 42 55.00 0.1
1.0s 55.20nm 5.3mb
CHTO 32.65 334 eP 43 08.00 0.7
CTA 33.08 110 iPc 43 12.00 0.9
1.8s 113.64nm 5.5mb
Z 15s 25.00um 6.0MszX
e 46 51.00
eS 48 00.00
e 48 26.00
e 48 51.00
e 50 15.00
i 06 00.00
ADE 33.40 140 e(P) 43 13.80 0.1
KMI 37.17 344 P+ 43 46.00 -0.1
1.0s 40.00nm 5.2mb
Z 16s 4.00um 5.3MszX
N 14s 2.90um
E 14s 1.90um
pP 43 59.60 51kmX
sP 44 07.00
PP 45 20.00
S 49 35.00
TOO 39.34 138 eP 44 05.10 1.1
1.0s 52.00nm 5.3mb
GUMO 39.68 53 eP 44 06.00 -0.9
1.0s 166.70nm 5.8mb
e 44 16.80 38km
PJG 39.68 53 eP 44 06.40 -0.5
GUA 39.68 53 eP 44 06.60 -0.4
0.9s 194.96nm 5.9mb
BWA 39.76 132 e(P) 44 19.60 12.1X
e 45 43.50 444kmX
CAN 40.60 133 ePKP 44 17.40 3.0X
e 45 49.00 497kmX
ARMA 40.62 124 eP 44 16.00 1.3
0.8s 12.00nm 4.7mb
CNB 40.86 133 eP 44 11.70 -4.9X
SHL 41.72 330 iPd 44 23.50 -0.4
iS 50 37.50
SSE 42.38 10 P+ 44 30.00 1.1
6.0s 0.40nm 2.3mb X
sP 44 44.00
PP 46 32.00
GBA 43.01 304 P 44 33.70 -0.6
0.4s 5.50nm 4.6mb
HYB 44.29 309 eP 44 44.50 -0.2
ODAN 45.09 327 P 44 50.92 -0.3
0.7s 96.00nm 5.8mb
TAPN 45.31 327 P 44 53.12 0.1
0.7s 91.00nm 5.8mb
RAMN 45.59 326 P 44 56.14 0.9
0.8s 54.00nm 5.5mb
KUMJ 46.29 21 eP 45 05.00 4.7X
JIRN 46.37 326 P 45 01.42 -0.1
0.6s 94.00nm 5.9mb
PKI 46.73 325 P 45 03.52 -0.8
GUN 46.74 326 P 45 04.20 -0.2
0.6s 105.00nm 6.0mb
DMN 46.93 325 P 45 05.28 -0.6
0.7s 107.00nm 5.9mb
KKN 46.98 325 P 45 05.66 -0.5
0.9s 85.00nm 5.7mb
LZH 47.50 350 Pc 45 11.00 0.9
2.0s 126.00nm 5.6mb
Z 30s 3.25um 5.1MszX
E 15s 1.21um
pP 45 17.00 20kmX
sP 45 20.00
PP 47 01.00
S 52 02.00
sS 52 12.00
eSS 55 20.00
GKN 47.50 325 P 45 09.62 -0.6
KOLN 47.92 324 P 45 12.72 -0.8
DANN 48.26 324 P 45 15.48 -0.8
0.7s 109.00nm 6.0mb
PYUN 48.52 324 P 45 17.36 -0.8
1.0s 118.00nm 5.9mb
TKSJ 48.77 23 P 45 18.20 -1.5
WKYJ 49.59 24 P 45 26.60 0.5
YONJ 49.62 22 P 45 24.50 -1.8
BJI 50.68 3 eP 45 33.00 -1.3
1.5s 42.00nm 5.2mb
Z 22s 2.80um 5.2Msz
N 20s 2.13um
epP 45 43.00 33km
esP 45 48.00
eS 52 44.00
esS 53 00.00
eSS 56 16.00
TSRJ 50.89 24 eP 45 35.70 -0.2
DZM 52.02 110 iPc 45 44.90 0.0
PAF 52.34 214 eP 46 06.00 19.2X
iS 53 15.00
NDI 52.47 319 eP 45 47.50 -0.6
MTMJ 52.53 25 eP 45 46.20 -2.3
CHJJ 52.58 26 eP 45 45.90 -2.9
MAT 52.66 25 eP 45 47.00 -2.4
2.0s 88.24nm 5.4mb
Z 21s 0.36um 4.4Msz
eS 53 09.00
NIIJ 53.59 26 eP 45 58.70 2.6
VLA 56.33 16 iPc 46 15.00 -1.0
i 46 25.00 33km
i 47 05.00
i 48 20.00
ePPP 49 44.00
iS 54 06.00
iPS 54 23.00
i 56 05.00
ASAJ 60.87 24 eP 46 48.20 0.6
KUSJ 60.88 26 eP 46 48.10 0.4
MRW 61.55 131 P 46 51.00 -1.4
ZAK 61.57 353 eP 46 51.00 -1.2
1.6s 55.00nm 5.4mb
e 47 36.50 196kmX
eS 55 04.00
CIT 62.57 0 eP 46 59.00 0.1
e 55 27.00
AAA 63.19 331 eP 47 04.00 0.8
N 16s 0.90um
eS 55 34.00
IRK 63.31 354 eP 47 04.50 0.7
2.0s 57.00nm 5.3mb
Z 20s 1.32um 5.1Msz
N 18s 0.96um
E 18s 0.70um
e 49 26.00 772kmX
eS 55 33.00
e 55 46.00
e 56 55.00
YSS 63.32 22 iPd+ 47 04.00 0.1
Z 18s 0.40um 4.6Msz
e 47 12.50 27km
(S) 55 31.00
FRU 64.01 329 eP 47 08.20 -0.4
2.0s 280.00nm 6.0mb
e 47 20.00 40km
e 47 47.00
BOD 68.44 1 eP 47 34.50 -2.0
1.8s 138.00nm 5.7mb
MAIO 68.93 316 iPc 47 39.00 -1.1
ASH 70.58 317 eP 47 49.00 -1.0
YAK 73.76 8 iPc+ 48 07.50 -0.8
1.8s 356.00nm 6.1mb
i 48 18.00 34km
iS 57 35.00
SYO 74.13 201 ePc 48 09.20 -1.3
PET 74.47 27 eP 48 14.00 1.4
Z 20s 0.70um 5.0Msz
eS 57 48.00
ePS 58 08.00
NAI 76.43 271 eP- 48 28.00 3.0X
Z 20s 0.28um 4.6Msz
KER 77.04 309 ePc 48 26.50 -1.4
TAB 79.07 312 eP 48 40.00 1.1
SPA 79.24 180 eP 48 39.00 -0.3
1.0s 14.50nm 4.9mb
Z 17s 0.59um 5.0MszX
SVE 80.08 334 iPd 48 43.80 0.1
1.8s 250.00nm 5.9mb
Z 16s 0.60um 5.0MszX
N 16s 0.40um
E 16s 0.20um
eS 58 45.00
MAK 80.30 317 eP 48 45.00 -0.2
eS 58 48.00
ARU 80.73 333 iP 48 47.70 0.5
e 48 58.00 33km
e 49 01.00
eS 58 54.00
SLR 80.87 246 iPd 48 49.00 0.2
0.6s 19.00nm 5.3mb
MTA 81.56 315 eP 48 55.00 3.2X
eS 59 04.00
GRO 81.60 317 eP 48 55.00 3.0X
2.0s 240.00nm 5.9mb
KSR 82.09 245 eP 48 55.00 -0.2
BOSA 83.00 242 eP 49 00.80 1.2
LBTB 83.37 246 eP 49 00.90 -0.9
0.7s 16.20nm 5.3mb
PYA 83.62 317 eP 49 03.00 0.5
eS 59 20.00
e 00 22.00
KIV 83.84 317 ePd 49 05.00 1.3
2.9s 293.00nm 5.9mb
e 59 25.20
SOC 85.73 316 eP 49 12.00 -1.0
2.5s 350.00nm 6.1mb
BHL 85.86 305 P 49 14.00 0.0
ANN 87.79 316 eP 49 19.00 -4.0X
e 59 50.00
SIM 89.98 316 eP 49 32.00 -1.4
e 00 04.00
eS 00 26.00
MOS 90.90 327 eP 49 38.00 0.6
OBN 91.27 326 ePc 49 40.00 0.9
2.0s 160.00nm 6.1mb
Z 28s 1.00um 5.1MszX
N 28s 0.80um
E 28s 0.70um
e 49 52.00 39km
e 00 10.00
e 00 34.00
ILT 91.95 21 iPc 49 43.60 1.6
2.0s 64.00nm 5.7mb
i 49 52.00 26km
eS 00 12.00
isS 00 44.00
HON 92.75 69 P 50 00.00 13.4X
Z 19s 0.48um 5.0Msz
BCAO 95.42 273 ePc 49 51.10 -8.1X
0.3s 5.00nm 5.4mb
SDN 96.71 35 eP 50 01.97 -2.0
0.8s 34.89nm 5.9mb
KAF 98.04 332 iP 50 11.00 1.1
0.6s 5.30nm 5.2mb
SLKM 102.57 30 (Pdiff50 29.52 -0.9
PMR 103.09 29 Pdiff 50 40.00 7.4X
Z 20s 0.25um 4.7Msz
MOX 105.65 320 ePKP 55 11.00 13.5X
Z 20s 0.40um 5.0Msz
GRF 105.94 319 e(PKP)55 06.30 8.3X
Z 26s 0.70um 5.1MszX
e 03 55.30
RES 114.22 8 ePKP 55 13.50 0.4
0.6s 1.00nm
TIC 118.90 272 PKP 55 24.00 0.2
0.8s 8.50nm
RMW 121.28 41 ePKP 55 27.78 0.4
WDC 122.82 49 PKP 55 40.00 9.6X
Z 21s 0.31um 4.9Msz
NEW 123.90 38 ePKP 55 34.07 1.7
SAO 124.57 53 PKP 55 40.00 6.0X
Z 19s 0.43um 5.1Msz
CMB 125.08 51 PKP 55 50.00 15.0X
Z 19s 0.31um 5.0Msz
ISA 127.17 53 PKP 55 50.00 10.9X
Z 21s 0.41um 5.1Msz
DUG 129.97 46 PKP 55 50.00 5.6X
Z 20s 0.22um 4.8Msz
ARUT 130.40 49 ePKP 55 46.43 1.1
MSU 131.07 48 ePKP 55 48.51 1.8
SRU 132.02 46 ePKP 55 50.17 1.7
epPKP 56 00.30
PV09 133.26 47 (PKP) 55 53.71 2.8X
PV10 133.38 47 ePKP 55 53.07 1.9
RSSD 133.84 37 ePKP 55 52.01 0.3
ULM 133.97 26 ePKP 55 56.00 4.5X
TUC 134.24 55 PKP 56 00.00 7.3X
Z 19s 0.34um 5.1Msz
GOL 135.33 43 PKP 56 10.00 15.2X
Z 20s 0.53um 5.3Msz
GLD 135.40 43 PKP 56 10.00 15.2X
Z 19s 0.60um 5.3Msz
JAQ 136.55 8 ePKP 55 54.50 -1.8
ALQ 136.68 50 ePKP 55 52.91 -4.5X
LTX 140.99 56 ePKP 55 58.19 -7.1X
WMOK 142.37 46 ePKP 56 02.10 -5.4X
Z 19s 0.52um 5.3Msz

04d 11h

MEO 142.49 45 iPKPc 56 05.10 -2.6X
TUL 143.75 42 iPKPc 56 08.00 -1.8
CBM 144.00 2 ePKP 56 07.92 -1.9
Z 21s 0.62um 5.4Msz
AGX 144.27 68 (PKP) 56 12.00 1.0
GAC 144.46 11 ePKP 56 09.50 -1.1
XIN 144.87 236 ePKP 56 11.20 -1.1
LMN 145.06 358 ePKP 56 12.50 0.8
1.0s 12.00nm
TYS 145.17 34 ePKP 56 12.02 -0.1
ELF 145.37 19 PKP 56 13.80 1.5
ACTO 145.37 17 PKP 56 13.00 0.7
WLVO 145.53 15 PKP 56 13.50 1.0
LDN 145.55 19 PKP 56 14.60 2.0
DLA 145.58 19 PKP 56 14.85 2.2X
FVM 145.64 34 ePKP 56 13.32 0.4
Z 19s 1.12um 5.7Msz
MRX 145.70 71 (PKP) 56 15.00 1.5
ITR 145.73 236 ePKP 56 14.70 0.9
TYNO 145.90 17 PKP 56 14.68 1.5
STCO 145.99 16 PKP 56 14.95 1.6
MIAR 146.02 42 ePKP 56 14.58 0.9
Z 21s 0.39um 5.2Msz
ePKPbc56 15.57
LBNH 146.42 7 ePKP 56 15.68 1.7
Z 20s 0.55um 5.3Msz
DON 146.49 35 ePKP 56 15.41 1.1
YSNY 146.84 16 ePKP 56 15.27 0.5
Z 21s 0.49um 5.3Msz
ePKPbc56 17.24
III 147.53 73 (PKP) 56 21.50 4.7X
BINY 147.73 13 ePKP 56 17.19 1.0
Z 19s 0.39um 5.2Msz
iPKPbc56 19.97
BAO 147.79 216 ePKP 56 20.10 2.9X
BDFB 147.80 216 ePKP 56 18.52 1.4
iPKPbc56 20.94
HRV 148.17 7 ePKP 56 17.33 0.5
Z 20s 0.38um 5.2Msz
iPKPbc56 21.28
PPM 148.20 71 (PKP) 56 23.00 4.8X
LSCT 148.75 9 ePKP 56 18.35 0.5
Z 20s 0.48um 5.3Msz
iPKPbc56 22.52
MCWV 149.03 20 ePKP 56 18.27 -0.1
Z 20s 0.44um 5.2Msz
ePKPbc56 23.46
PNJ 149.34 11 i(PKP)56 24.03 5.3X
NAV 150.76 23 ePKP 56 27.06 6.0X
CVL 151.00 19 iPKP 56 28.48 7.2X
MYNC 151.15 30 PKP 56 30.00 8.3X
Z 20s 0.32um 5.1Msz
CCH 151.96 181 PKP 56 32.10 8.3X
CEH 152.66 22 ePKP 56 23.72 -0.1
Z 21s 0.33um 5.1Msz
iPKPbc56 31.79
LPB 152.78 177 PKP 56 34.50 9.5X
LPAZ 153.02 177 PKP 56 33.20 7.6X
S.D. = 1.2 on 130 of 181 obs.

% JUN 04, 1994 11h 48m 11.00± 0.86s
39.153 N ± 7.1km 27.584 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.79 199 ePg 48 26.50 0.0
eSg 48 38.50
DST 0.93 60 ePn 48 28.70 0.0
EZN 1.18 305 iPn 48 33.00 -0.1
EDC 1.21 10 ePn 48 34.00 0.4
BNT 1.23 12 ePn 48 33.50 -0.4
S.D. = 0.4 on 5 of 5 obs.

JUN 04, 1994 12h 04m 27.87± 0.18s
10.696 S ± 3.8km 113.555 E ± 4.0km
DEPTH = 28.5km (9 depth phases)
5.7mb (66 obs.) 5.1Msz (26 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 5.2 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 32C
Centroid Location:
Origin Time 12:04:31.3 1.6
Lat 11.10S 0.12 Lon 113.84E 0.10
Dep 15.0 BDY Half-duration 1.0
Moment Tensor; Scale 10**16 Nm
Mrr=-8.85 0.60 Mtt= 6.45 0.42
Mff= 2.41 0.88 Mrt=-1.32 2.42
Mrf=-1.30 1.89 Mtf= 0.45 0.58
Principal Axes:
T Val= 6.63 Plg= 6 Azm=172
N 2.47 5 82
P -9.10 82 308
Best Double Couple:Mo=7.9*10**16
NP1:Strike=268 Dip=40 Slip= -81
NP2: 77 51 -97

LEM 7.02 303 ePd 06 11.00 -0.5
eS 07 23.00
MKS 7.99 48 iPc 06 25.60 0.5
MBL 12.03 151 iPc 07 10.60 -9.8X
TSM 15.50 16 eP 08 10.50 4.3X
KNA 15.63 110 eP 08 04.00 -4.0X
KGM 16.22 321 eP 08 13.00 -2.5
MEEK 16.56 164 eP 08 11.50 -8.3X
0.4s 65.00nm 5.1mb
eS 10 58.00
KKM 16.84 9 ePd 08 22.50 -0.9
0.8s 103.20nm 5.0mb
MTN 17.34 99 eP 08 27.00 -2.6
0.6s 64.00nm 4.9mb
eS 11 31.00
MRWA 18.57 173 eP 08 38.00 -6.7X
eS 11 47.00
IPM 19.64 320 ePc 08 55.20 -2.4
1.0s 220.90nm 5.4mb
WARB 19.76 143 eP 08 53.50 -5.2X
0.5s 29.00nm 4.8mb
eS 12 15.00
BAL 20.03 172 eP 08 56.00 -5.5X
eS 12 20.00
CTB 20.70 31 ePc 09 10.00 1.5
PPR 20.98 14 iPd 09 12.00 0.6
1.0s 207.00nm 5.5mb
KLB 21.16 170 eP 09 11.00 -2.1
eS 12 46.50
COOL 21.29 162 iPc 09 10.30 -4.2X
eS 12 48.00
MUN 21.32 174 eP 09 10.50 -4.3X
eS 12 54.00
DAV 21.34 35 ePc 09 15.20 0.2
1.3s 446.15nm 5.7mb
SNG 21.93 324 iPc 09 22.00 1.0
0.9s 67.23nm 5.1mb
CGP 22.02 31 ePd 09 02.00 -19.9X
WRA 22.03 117 P 09 20.89 -1.1
0.6s 44.10nm 5.1mb
WB2 22.04 117 iPd 09 20.30 -1.8
0.7s 55.20nm 5.1mb
ipP 09 29.80 35km
eS 13 15.80
NWAO 22.38 172 eP 09 29.00 3.6X
BIP 22.65 34 ePd 09 29.00 0.9
ASPA 23.29 126 P 09 34.00 -0.4
0.6s 27.60nm 5.0mb
MAP 23.31 27 iPd 09 35.00 0.4
FORT 24.10 148 eP 09 40.30 -1.8
0.6s 66.00nm 5.4mb
PLP 24.51 28 ePd 09 46.80 0.6
0.8s 87.00nm 5.4mb
PGP 25.14 17 ePc 09 54.00 1.8
GQP 25.98 20 eP 10 01.00 0.9
QCP 26.25 17 eP 10 16.50 13.9X
NNT 26.90 329 iPc 10 09.90 1.4
BAG 27.81 15 eP 10 17.20 0.1
CVP 29.38 16 eP 10 30.00 -0.9
NST 29.38 333 iPd 10 32.00 1.1
LOE 30.27 337 eP 10 38.00 -0.9
BDT 31.27 332 eP 10 48.00 0.4
1.0s 75.90nm 5.5mb
CHTO 32.67 334 ePd 11 00.50 0.5
1.1s 31.80nm 5.1mb
CTA 32.82 110 iPc 11 01.20 -0.2
1.0s 25.00nm 5.1mb
i 11 10.20 31km
PMG 33.10 91 eP 11 05.00 1.2
LAT 33.29 86 e(P) 11 20.00 14.5X
ADE 33.29 141 e(P) 11 04.30 -1.0
KMI 37.13 344 P- 11 40.00 1.7
1.2s 140.00nm 5.7mb
Z 20s 1.90um 4.9Msz
N 15s 1.20um
E 14s 1.80um
pP 11 53.00 48kmX
sP 12 03.00
i 13 13.00
eS 16 30.00
KVG 37.84 80 eP 11 45.30 1.2
TOO 39.22 138 iPc 11 55.40 -0.1
0.9s 37.00nm 5.1mb
GUMO 39.34 53 eP 11 55.40 -1.2
0.9s 221.10nm 5.9mb
PJG 39.34 53 eP 11 55.60 -1.1
GUA 39.34 53 eP 11 55.80 -0.9
0.8s 179.10nm 5.9mb
ARMA 40.42 125 eP 12 06.30 0.6
1.1s 15.00nm 4.6mb X
CAN 40.45 133 eP 11 55.70 -10.0X
i 14 08.30
i 14 18.10
CNB 40.71 133 eP 12 10.00 2.1
RIV 41.38 130 eP 12 24.00 10.8X
SHL 41.77 330 iPd 12 17.00 0.3
iS 18 39.00
SSE 42.19 10 P- 12 20.00 0.1
1.0s 94.00nm 5.5mb
sP 12 33.50
PP 13 52.00
GBA 43.21 303 Pd 12 27.00 -1.4
0.8s 41.00nm 5.3mb
HYB 44.46 309 ePd 12 37.50 -1.1
1.0s 100.00nm 5.6mb
KAGJ 44.84 21 P 12 40.20 -1.2
ODAN 45.16 326 Pd 12 44.35 0.0
0.8s 321.00nm 6.3mb
TAPN 45.37 327 Pd 12 46.51 0.4
0.8s 294.00nm 6.2mb
RAMN 45.66 326 Pd 12 48.35 0.0
1.1s 393.00nm 6.2mb
KUMJ 46.05 20 eP 12 49.80 -1.2
JIRN 46.44 326 Pd 12 54.81 0.2
1.0s 611.00nm 6.5mb
GUN 46.81 326 Pd 12 57.59 0.1
0.8s 438.00nm 6.5mb
PKI 46.81 325 Pd 12 56.93 -0.6
0.9s 227.00nm 6.1mb
DMN 47.01 325 Pd 12 58.67 -0.3
0.9s 519.00nm 6.5mb
KKN 47.05 325 Pd 12 58.85 -0.4
1.0s 381.00nm 6.4mb
LZH 47.42 349 Pd 13 02.50 0.5
1.6s 182.00nm 5.8mb
Z 15s 0.97um 4.9MszX
N 13s 0.66um
pP 13 16.00 50kmX
sP 13 22.50
PcP 14 33.50
PP 14 53.00
PcS 18 28.50
eS 19 49.00
esS 20 17.00
eSS 23 12.00
GKN 47.58 325 Pd 13 02.83 -0.5
1.0s 441.00nm 6.4mb
SHNJ 47.59 20 eP 13 02.10 -1.0
KOLN 48.00 323 Pd 13 06.29 -0.4
0.8s 401.00nm 6.5mb
DANN 48.34 324 Pd 13 08.87 -0.6
0.9s 553.00nm 6.6mb
TKSJ 48.52 23 P 13 09.70 -0.6
PYUN 48.60 323 Pd 13 10.81 -0.6
1.1s 543.00nm 6.5mb
POO 48.76 306 iPd 13 13.50 1.0
WKYJ 49.33 24 P 13 15.70 -1.0
YONJ 49.37 22 P 13 15.80 -1.1
BJI 50.53 3 eP 13 25.50 -0.2
1.4s 122.00nm 5.7mb
Z 20s 0.91um 4.8Msz
N 18s 0.94um
eS 20 31.00
TSRJ 50.63 24 P 13 25.30 -1.2
NOUC 51.63 110 iPd 13 34.30 -0.1
DZM 51.76 110 iPc 13 35.90 0.4
MTMJ 52.28 25 P 13 37.50 -1.6
CHJJ 52.32 26 P 13 37.20 -2.1
MAT 52.41 25 iPd 13 37.70 -2.3
0.8s 33.58nm 5.3mb
NDI 52.58 319 iPd 13 39.20 -2.2
KAKJ 52.97 27 P 13 54.70 10.6X

NIIJ 53.33 25 P 13 45.20 -1.6
YAMJ 54.56 26 eP 13 54.70 -1.1
CSY 55.56 181 iPc 14 00.50 -2.2
1.0s 6.20nm 4.6mb X
i 14 08.70 27km
i 15 02.00
i 15 11.50
OFUJ 56.02 26 eP 14 05.10 -1.2
VLA 56.11 16 iPc 14 07.50 0.5
1.5s 123.00nm 5.7mb
i 16 18.00 734kmX
eS 21 50.00
iPS 21 59.00
i 23 44.00
AOMJ 56.71 24 eP 14 10.70 -0.6
MRRJ 58.57 24 eP 14 23.10 -1.2
HOOJ 59.44 25 eP 14 30.20 -0.1
ASAJ 60.61 24 eP 14 37.40 -1.0
KUSJ 60.62 26 eP 14 37.30 -1.1
ZAK 61.48 353 iPd 14 43.40 -0.7
1.4s 115.00nm 5.8mb
e 15 26.00 183kmX
CIT 62.44 0 eP 14 51.00 0.4
VUN 63.04 105 eP 14 52.00 -3.2X
YSS 63.08 22 iPd- 14 54.00 -0.8
1.0s 120.00nm 6.0mb
IRK 63.21 354 eP 14 55.00 -0.7
AAA 63.24 331 eP 14 55.00 -1.1
Z 14s 0.60um 4.9MszX
E 14s 0.60um
eS 23 26.00
FRU 64.06 329 iP 15 02.00 0.5
2.2s 380.00nm 6.1mb
e 15 14.80 44kmX
e 15 42.00
BOD 68.30 0 iPd 15 26.90 -1.3
1.3s 158.00nm 6.0mb
MAIO 69.06 316 iPd 15 32.50 -1.0
ASH 70.70 317 eP 15 43.00 -0.3
1.2s 200.00nm 6.1mb
YAK 73.58 8 iPd 15 59.00 -0.9
1.2s 305.00nm 6.2mb
eS 25 25.00
PET 74.20 26 eP 16 04.00 0.4
0.6s 40.00nm 5.6mb
e 25 24.00
KER 77.21 309 ePc 16 19.50 -1.9
TAB 79.22 312 eP 16 32.00 -0.3
SPA 79.37 180 eP 16 31.00 -1.6
1.0s 10.50nm 4.8mb
SVE 80.10 334 iPd 16 37.00 0.6
2.0s 300.00nm 6.0mb
Z 20s 0.20um 4.5Msz
N 20s 0.30um
E 20s 0.30um
i 16 50.00 44kmX
eS 26 40.00
ePS 27 16.00
eSS 31 48.00
MAK 80.42 317 eP 16 38.00 -0.4
eS 26 42.00
ARU 80.76 333 iPd 16 41.30 1.3
2.0s 200.00nm 5.8mb
e 16 48.00 21km
eS 26 47.00
SLR 81.22 245 iPc 16 42.50 -0.7
1.0s 110.00nm 5.8mb
MTA 81.69 315 eP 16 48.40 3.3X
eS 26 58.00
GRO 81.72 317 iPd- 16 48.00 2.8
1.0s 160.00nm 6.0mb
KSR 82.44 245 iPc 16 48.50 -1.1
1.1s 40.00nm 5.4mb
BOSA 83.34 242 eP 16 54.14 0.1
0.8s 51.66nm 5.7mb
epP 17 03.91 31km
LBTB 83.72 246 eP 16 55.73 -0.4
1.0s 71.96nm 5.8mb
epP 17 05.09 30km
PYA 83.74 317 iP 16 57.00 1.3
1.0s 100.00nm 5.9mb
i 17 05.00 25km
eS 27 18.00
e 28 30.00
KIV 83.97 317 iPd 16 58.00 1.0
e 27 20.50
SOC 85.86 316 eP 17 06.00 -0.3
2.0s 240.00nm 6.1mb
eS 27 30.00
eSSS 36 40.00
BHL 86.05 305 P 17 08.00 0.4
SNA 88.39 198 iPc 17 16.50 -1.6
0.5s 21.00nm 5.7mb
SIM 90.11 316 eP 17 28.00 1.4
e 21 00.00
e 27 58.00
eS 28 23.00
MOS 90.97 327 eP 17 32.00 1.7
e 21 07.00
OBN 91.34 326 ePd 17 32.50 0.5
0.9s 46.00nm 5.9mb
e 17 41.00 26km
ILT 91.71 21 iPd 17 34.00 0.5
i 21 12.00
isS 28 36.00
WIN 91.82 247 eP 17 34.00 -1.3
0.8s 30.00nm 5.8mb
VRI 95.39 316 eP 17 51.00 0.1
BCAO 95.73 273 iPc 17 43.70 -9.5X
0.9s 18.00nm 5.5mb
i 17 53.70 31km
SDN 96.41 35 eP 17 55.00 -0.3
0.8s 57.47nm 6.1mb
KAF 98.08 332 iP 18 02.80 0.1
0.8s 16.10nm 5.6mb
TTA 99.63 28 eP 18 10.86 1.0
0.8s 1.87nm 4.7mb X
SVW 99.67 30 eP 18 01.70 -8.3X
0.8s 2.30nm 4.8mb
IMA 100.82 25 ePdiff18 16.30 1.1
1.1s 4.90nm 5.0mb
KDC 101.07 33 ePdiff18 03.90 -12.4X
SLKM 102.30 30 ePdiff18 21.40 -0.4
PMS 102.61 29 ePdiff18 23.40 0.2
0.8s 7.20nm 5.4mb
PMR 102.81 29 Pdiff 18 30.00 6.0X
Z 19s 0.25um 4.7Msz
FBA 103.29 26 ePdiff18 28.00 1.9
TOA 104.19 29 ePdiff18 32.10 1.9
0.8s 16.90nm 5.9mb
NB2 105.27 330 PKP 22 58.20 9.1X
1.1s 6.40nm
INK 108.27 21 ePKP 22 55.00 0.6
SIT 110.36 33 PKP 23 10.00 11.3X
Z 20s 0.61um 5.2Msz
RES 114.04 8 ePKP 23 06.00 0.7
0.7s 2.00nm
YKA 117.89 23 ePdiff19 41.00 10.0X
1.1s 0.50nm
KIC 118.91 271 PKP 23 15.50 -0.9
0.8s 6.00nm
GMW 120.31 41 ePKP 23 19.31 1.2
epPKP 23 29.13
RMW 120.97 41 ePKP 23 19.91 0.5
epPKP 23 30.26
SHW 121.10 42 (PKP) 23 19.71 -0.1
FMW 121.23 41 PKP 23 20.89 0.8
ASR 121.53 42 PKP 23 21.62 1.0
VBEM 121.88 43 PKP 23 22.17 0.8
EBG 121.95 41 PKP 23 22.25 1.0
WTV 122.06 40 PKP 23 21.86 0.4
CROR 122.31 43 PKP 23 22.79 0.7
SAW 122.41 40 PKP 23 22.59 0.5
WDC 122.48 49 PKP 23 30.00 7.6X
Z 21s 0.31um 4.9Msz
LMEM 123.21 48 ePKP 23 25.26 1.2
NEW 123.60 38 ePKP 23 24.87 0.4
Z 20s 0.29um 4.9Msz
LNOR 123.79 41 PKP 23 25.50 0.6
ARN 124.03 52 ePKP 23 26.85 1.2
epPKP 23 36.71
SAO 124.23 53 PKP 23 40.00 14.0X
Z 19s 0.36um 5.1Msz
CMB 124.75 51 PKP 23 40.00 13.0X
Z 19s 0.31um 5.0Msz
ISA 126.83 53 PKP 23 40.00 8.9X
Z 19s 0.29um 5.0Msz
FRB 127.01 1 ePKP 23 31.00 0.6
1.0s 6.00nm
GSC 128.24 53 ePKP 23 35.33 1.5
HHAI 128.69 42 ePKP 23 36.71 2.2X
HVU 129.05 44 ePKP 23 36.71 1.4
DUG 129.64 46 ePKP 23 36.96 0.5
Z 20s 0.25um 4.9Msz
MSU 130.74 48 ePKP 23 39.65 1.0
SRU 131.70 46 ePKP 23 40.79 0.4
PV09 132.94 47 ePKP 23 43.52 0.6
PV10 133.05 47 ePKP 23 44.47 1.3
ULM 133.70 26 ePKP 23 46.50 2.9X
TUC 133.89 55 ePKP 23 46.84 2.2X
Z 19s 0.34um 5.1Msz
GOL 135.01 43 ePKP 23 47.77 1.0
Z 20s 0.27um 5.0Msz
eppKP 23 58.30
GLD 135.09 43 PKP 24 00.00 13.2X
Z 19s 0.98um 5.5Msz
ALQ 136.35 50 ePKP 23 43.59 -5.8X
Z 21s 0.07um 4.4Msz
JAQ 136.37 8 ePKP 23 47.00 -1.6
WMOK 142.05 46 ePKP 23 54.49 -5.1X
Z 19s 0.52um 5.3Msz
TUL 143.43 42 iPKPd 23 59.40 -2.5X
CBM 143.86 2 ePKP 24 00.65 -1.6
Z 20s 0.34um 5.1Msz
AGX 143.92 68 (PKP) 24 04.00 1.0
GAC 144.27 11 ePKP 24 01.50 -1.4
TYS 144.88 34 iPKPc 24 03.88 -0.4
epPKP 24 13.29
LMN 144.94 358 ePKP 24 04.00 -0.1
0.9s 62.00nm
ELF 145.13 19 PKP 24 05.75 1.2
ACTO 145.14 17 PKP 24 04.73 0.2
WLVO 145.31 15 PKP 24 05.23 0.5
LDN 145.31 19 PKP 24 05.40 0.6
FVM 145.35 34 iPKPd 24 04.87 -0.2
ipPKP 24 14.63
DLA 145.35 20 PKP 24 04.60 -0.3
MRX 145.35 71 (PKP) 24 05.00 -0.5
TYNO 145.67 18 PKP 24 06.35 0.9
MIAR 145.70 42 PKP 24 07.06 1.3
Z 21s 0.35um 5.1Msz
STCO 145.77 17 PKP 24 06.67 1.1
ITR 146.07 236 ePKP 24 06.50 -0.5
e 24 16.30
DON 146.20 35 ePKP 24 06.57 0.1
LBNH 146.24 7 ePKP 24 06.68 0.3
Z 19s 0.41um 5.2Msz
iPKPbc24 08.70
YSNY 146.62 16 ePKP 24 08.26 1.2
Z 18s 0.31um 5.1Msz
iPKPbc24 09.47
GRT 147.13 36 (PKP) 24 10.23 2.2X
III 147.18 73 (PKP) 24 12.00 3.2X
BINY 147.52 13 ePKP 24 09.52 1.0
Z 19s 0.38um 5.2Msz
ePKPbc24 11.94
epPKP 24 22.29
PPM 147.85 71 (PKP) 24 15.00 4.7X
HRV 148.00 7 ePKP 24 10.69 1.5
Z 20s 0.35um 5.2Msz
ePKPbc24 13.47
BAO 148.09 215 ePKP 24 12.80 2.5X
BDFB 148.10 215 ePKP 24 12.14 1.9
LSCT 148.57 10 ePKP 24 10.87 0.7
Z 19s 0.49um 5.3Msz
ePKPbc24 14.46
ePKPab24 18.58
MCWV 148.79 20 PKP 24 20.00 9.4X
Z 20s 0.44um 5.2Msz
PNJ 149.15 11 i(PKP)24 16.54 5.5X
GMTN 149.17 11 iPKP 24 16.50 5.4X
NAV 150.51 24 ePKP 24 13.97 0.7
iPKPbc24 19.30
e 24 26.25
e 24 29.38
BLA 150.75 23 iPKP 24 19.98 6.3X
CVL 150.77 20 ePKP 24 14.57 1.0
iPKPbc24 20.29
MYNC 150.87 31 PKP 24 20.00 6.1X
Z 20s 0.32um 5.1Msz
CCH 152.10 181 PKP 24 23.80 7.2X
CEH 152.42 23 ePKP 24 17.35 1.2
Z 21s 0.33um 5.1Msz
ePKPbc24 23.71
ARE 152.56 169 e(PKP)24 26.00 8.8X
LPB 152.90 177 PKP 24 25.50 7.7X
SIV 152.96 191 PKP 24 17.90 0.5
LPAZ 153.14 176 PKP 24 19.20 0.8
SGS 154.14 28 ePKP 24 28.28 9.7X
e 24 41.98
S.D. = 1.1 on 176 of 225 obs.

% JUN 04, 1994 12h 32m 58.83± 0.62s
45.489 N ± 6.2km 2.281 E ± 7.7km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 2.1 (LDG).

```
RJF      0.57 251 Pg      33 10.30   0.1
                  Sg      33 18.50
CAF      0.58 195 Pg      33 09.80  -0.7
                  Sg      33 16.80
MAF      0.76  15 Pg      33 13.00  -1.1
                  Sg      33 23.10
TCF      0.80 356 Pg      33 14.40  -0.5
                  Sg      33 25.20
LSF      0.92 326 Pg      33 16.80  -0.2
                  Sg      33 30.00
LPO      1.12 224 Pg      33 20.40   0.1
                  Sg      33 35.70
BGF      1.14  20 Pg      33 20.10  -0.5
                  Sg      33 35.00
LFF      1.22 244 Pg      33 22.50   0.5
                  Sg      33 39.60
AVF      1.50  29 Pg      33 26.30  -0.1
                  Sg      33 45.60
SMF      1.59  43 Pn      33 26.00  -1.7
                  Pg      33 28.10
                  Sg      33 47.20
SSF      1.79  28 Pg      33 31.50   0.9
                  Sg      33 54.20
LBF      1.90  38 Pg      33 33.60   1.3
                  Sg      33 58.20
LOR      2.09  31 Pg      33 36.60   1.7
                  Sg      34 03.50
```
S.D. = 1.0 on 13 of 13 obs.

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* JUN 04, 1994 12h 41m 19.90± 1.45s
42.740 N ±13.0km 111.036 W ± 7.8km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.2 (GS). Felt in the Afton, Wyoming area.

```
PTI      0.99 278 eP      41 39.63   0.4
                  eS      41 53.30
HVU      1.61 234 eP      41 48.65  -0.5
DAU      2.33 184 eP      42 00.89   1.0
DUG      2.87 208 eP      42 06.56  -0.8
EMUT     2.93 177 ePn     42 08.90   0.7
SRU      3.65 174 ePn     42 19.19   0.8
MSU      4.31 192 ePn     42 27.27  -0.6
PV09     4.48 161 ePn     42 30.12  -0.2
PV08     4.54 156 ePn     42 29.75  -1.4
PV10     4.62 160 ePn     42 32.60   0.4
GOL      5.24 124 ePn     42 41.10   0.0
ARUT     5.28 201 (Pn)    42 41.77   0.3
```
S.D. = 0.8 on 12 of 12 obs.

JUN 04, 1994 13h 17m 21.05± 0.47s
42.780 N ± 4.6km 111.007 W ± 4.5km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.9 (GS). Felt (IV) at Afton and Grover; (III) at Auburn, Bedford and Smoot, Wyoming. Felt (III) at Georgetown and (II) at Montpelier, Idaho.

```
PTI      1.01 276 eP      17 40.30  -0.4
HVU      1.65 233 eP      17 50.13  -0.8
                  eS      18 10.22
DAU      2.37 185 eP      18 01.78   0.2
DUG      2.92 208 eP      18 08.40  -0.7
EMUT     2.97 177 ePn     18 10.31   0.4
SRU      3.68 174 ePn     18 20.70   0.6
MSU      4.35 192 ePn     18 29.33  -0.3
PV09     4.51 161 (Pn)    18 30.86  -1.0
PV08     4.57 156 ePn     18 32.68   0.0
PV10     4.65 161 ePn     18 33.70  -0.1
GOL      5.25 124 (Pn)    18 41.75  -0.5
RSSD     5.25  73 ePn     18 41.44  -0.9
GLD      5.31 123 (P)     18 46.22   3.1X
ARUT     5.32 201 (Pn)    18 44.24   1.0
KVN      6.54 238 (P)     19 02.73   2.3X
NEW      6.96 324 (P)     19 06.29   0.1
                  eLg     20 54.90
TPNV     7.08 216 eP      19 09.16   1.1
ACO     10.96 120 iPc     20 02.00   0.4
ULM     12.81  49 eP      20 27.50   1.0
YKA     19.86 355 eP      21 58.50   2.9X
         0.7s      0.30nm         2.7mb X
```
S.D. = 0.7 on 17 of 20 obs.

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* JUN 04, 1994 13h 21m 23.52± 1.08s
45.649 N ±11.1km 10.835 E ± 6.6km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.0 (VIE). MD 2.7 (TRI).

```
OGA      1.23   6 ePg     21 45.60  -0.9
TMA      1.44 289 eP      21 49.20  -0.7
SCE      1.52  23 iPgd    21 50.80  -0.1
SQTA     1.59   9 iPgd    21 52.10   0.2
                  i       22 10.70
                  iSg     22 14.40
WTTA     1.71  19 iPgc    21 53.00  -0.6
         0.2s     12.90nm
                  i(Sg)   22 17.00
WATA     1.76  17 iPgd    21 55.00   0.6
                  i       22 14.80
                  iSg     22 19.50
MMK      2.05 282 P       21 59.40   0.8
TRI      2.05  87 e(Pg)   21 58.30  -0.2
                  e       22 19.30
                  i(Sg)   22 24.70
VOY      2.17  79 ePn     21 59.30  -1.0
                  eSn     22 29.40
KBA      2.25  50 iPgd    22 03.40   1.9
                  iSg     22 33.80
```
S.D. = 1.0 on 10 of 10 obs.

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* JUN 04, 1994 13h 29m 13.41± 1.91s
45.120 N ±14.5km 3.291 E ±12.7km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.2 (LDG).

```
LBL      0.12 345 Pg      29 15.88  -0.6
                  Sg      29 19.69
COLF     0.49  35 Pg      29 21.01  -2.4
PYM      0.66 343 Pg      29 25.06  -1.6
                  Sg      29 36.91
PLDF     0.88  15 Pg      29 29.31  -1.1
                  Sg      29 42.55
CAF      0.89 258 Pg      29 29.80  -0.7
                  Sg      29 41.50
AGO      0.94 353 Pg      29 31.18  -0.2
                  Sg      29 45.43
MAF      1.21 336 Pg      29 35.60  -0.4
                  Sg      29 53.20
RJF      1.27 279 Pg      29 36.60  -0.4
                  Sg      29 54.30
TCF      1.39 327 Pg      29 39.70   0.8
                  Sg      29 58.30
BGF      1.47 348 Pg      29 40.30   0.3
                  Sg      30 00.00
LPO      1.56 254 Pg      29 41.40   0.2
                  Sg      30 01.50
SMF      1.57  14 Pg      29 41.40   0.0
                  Sg      30 02.60
AVF      1.67   1 Pg      29 44.20   1.4
                  Sg      30 06.50
LBF      1.93  14 Pg      29 48.60   2.0
                  Sg      30 13.40
SSF      1.95   4 Pg      29 49.30   2.5
                  Sg      30 14.90
```
S.D. = 1.4 on 15 of 15 obs.

JUN 04, 1994 13h 39m 44.39± 0.79s
42.823 N ± 7.6km 110.966 W ± 5.2km
DEPTH = 5.0km (geophysicist)
WYOMING (460)
ML 3.1 (GS). Felt in the Afton area.

```
PTI      1.03 273 eP      40 04.75   0.2
                  eS      40 18.00
HVU      1.70 233 eP      40 14.38  -0.6
                  eS      40 35.34
DAU      2.42 185 eP      40 26.17   0.6
DUG      2.97 208 eP      40 32.97  -0.2
SRU      3.72 175 ePn     40 44.45   0.5
MSU      4.40 192 (Pn)    40 53.33  -0.3
PV09     4.54 162 ePn     40 55.88   0.3
PV08     4.59 157 (Pn)    40 56.00  -0.4
PV10     4.68 161 ePn     40 58.27   0.7
RSSD     5.21  73 (Pn)    41 05.38   0.3
GOL      5.24 125 (Pn)    41 04.61  -1.0
ARUT     5.37 201 (Pn)    41 07.42   0.1
```
S.D. = 0.6 on 12 of 12 obs.

% JUN 04, 1994 13h 56m 24.31± 0.57s
42.380 N ± 4.8km 18.933 E ± 4.6km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.9 (TTG).

```
BDV      0.12 219 iPgc    56 28.34   1.0
                  iSg     56 30.67
TTG      0.25  78 iPgd    56 30.10   0.5
HCY      0.33 282 iPgc    56 30.88  -0.2
                  iSg     56 36.23
NKY      0.43   6 iPgd    56 33.20   0.0
                  iSg     56 40.60
ULC      0.48 150 iPgd    56 33.20  -0.8
                  iSg     56 40.32
BRY      0.59 331 iPgc    56 35.87  -0.5
                  iSg     56 45.32
PVY      0.80  74 iPgd    56 39.76  -0.2
                  iSg     56 52.07
IVA      0.87  55 iPgc    56 40.95  -0.1
                  iSg     56 54.49
PLE      1.01  20 iPgd    56 43.78   0.3
                  iSg     56 59.34
```
S.D. = 0.6 on 9 of 9 obs.

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* JUN 04, 1994 13h 56m 48.44± 0.86s
11.033 S ±13.0km 113.566 E ±18.1km
DEPTH = 33.0km (normal)
4.5mb (6 obs.)
SOUTH OF JAWA, INDONESIA (282)

```
LEM      7.21 305 ePc     58 35.00   0.6
MBL     11.73 150 eP      59 33.00  -3.5X
                  iS      01 33.00
MEEK    16.24 164 eP      00 35.00  -0.8
         0.4s     17.00nm         4.5mb
                  eS      03 23.00
WARB    19.48 142 eP      01 17.00   1.2
         0.4s      7.00nm         4.3mb
                  eS      04 38.00
IPM     19.91 321 ePd     01 20.00  -0.3
         0.6s     14.30nm         4.5mb
COOL    20.97 162 eP      01 35.00   3.8X
                  eS      05 12.00
MUN     20.99 174 eP      01 37.00   5.6X
ASPA    23.08 126 eP      01 55.90   3.5X
         0.6s      7.30nm         4.4mb
                  iS      06 08.90
FORT    23.81 148 eP      02 03.00   3.7X
PGP     25.45  17 eP      02 17.00   1.8
STKA    33.15 133 eP      03 26.80   2.8X
KMI     37.45 344 ePc     04 03.40   2.4X
         1.2s     20.00nm         4.9mb
                  pP      04 11.00  26kmX
BJI     50.87   3 eP      05 47.50  -0.6
         1.0s      6.00nm         4.5mb
MAT     52.70  25 iPd     06 00.40  -1.8
```
S.D. = 1.5 on 7 of 14 obs.

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* JUN 04, 1994 14h 32m 33.63± 0.53s
3.501 S ±12.6km 68.152 E ±10.4km
DEPTH = 10.0km (geophysicist)
5.0mb (13 obs.) 4.5Msz (2 obs.)
CHAGOS ARCHIPELAGO REGION (426)

```
NDI     33.16  15 eP      39 13.00   0.5
CHTO    37.56  53 eP      39 50.90   0.8
LEM     39.43  96 ePc     40 08.50   2.4
MAIO    40.41 349 eP      40 16.00   2.2
SLR     44.18 236 eP      40 45.00   0.2
         1.2s     46.88nm         5.2mb
FRU     46.49   7 eP      41 06.00   3.2X
         2.0s     60.00nm         5.3mb
BCAO    50.20 279 iPd     41 32.00  -0.1
         0.7s     12.00nm         5.0mb
                  i       42 50.20
LZH     51.61  37 eP      41 41.50  -1.2
         2.0s     40.00nm         5.0mb
      Z  20s       0.50um         4.5Msz
                  pP      41 47.50  20kmX
```

KIV 52.49 337 eP 41 48.70 -0.5
0.9s 5.00nm 4.4mb
Z 17s 0.10um 3.9MszX
e 41 56.10
e 43 02.50
ARU 60.21 354 eP 42 43.00 -1.0
SVE 60.42 355 ePc 42 46.00 0.6
ZAK 61.57 25 eP 42 52.00 -1.4
1.4s 23.00nm 5.2mb
eS 51 21.00
BJI 61.73 40 eP 42 54.00 -0.6
1.0s 6.00nm 4.7mb
Z 20s 0.36um 4.5Msz
eS 51 16.00
IRK 63.42 24 eP 43 11.50 5.8X
1.4s 21.00nm 5.1mb
e 43 29.00
MOS 64.13 341 eP 43 12.00 1.7
e 43 28.00
ASPA 66.42 114 P 43 32.70 7.1X
MNK 66.44 335 eP 43 24.00 -1.1
WB2 66.45 110 eP 43 24.60 -1.3
1.2s 4.90nm 4.6mb
epP 43 33.90 30kmX
CIT 67.34 29 eP 43 30.50 -0.5
BRG 71.16 327 eP 44 00.90 6.5X
CLL 71.89 327 e(P) 43 57.00 -1.8
1.4s 22.00nm 5.1mb
KAF 72.78 341 eP 44 03.40 -0.5
TNS 73.92 325 ePc 44 11.50 0.7
MAT 76.22 51 (P) 44 24.00 -0.3
eS 54 12.00
HFS 76.24 335 eP 44 23.10 -0.8
0.5s 1.30nm 4.3mb
NB2 77.76 335 P 44 32.60 0.2
1.1s 11.20nm 4.9mb
PAB 78.84 311 eP 44 41.00 2.2
YAK 80.17 25 eP 44 46.00 0.6
1.6s 29.00nm 5.0mb
SRU 144.53 358 ePKP 52 10.92 -1.8
MIAR 144.75 333 ePKP 52 11.53 -1.4
ACO 144.95 342 iPKPd 52 13.40 0.1
PV08 144.97 356 iPKP 52 13.67 0.0
i 52 20.93
PV09 145.08 356 ePKP 52 13.28 -0.5
MSU 145.15 0 ePKP 52 14.53 0.7
i 52 21.70
ARN 145.16 14 ePKP 52 14.32 0.7
PV10 145.19 356 ePKP 52 14.43 0.5
i 52 21.55
OCO 145.47 339 iPKPd 52 15.50 1.4
ARUT 145.85 2 ePKP 52 17.09 2.1X
MEO 146.52 340 iPKPc 52 18.60 2.7X
WMOK 146.63 340 iPKP 52 18.44 2.3X
GSC 148.03 8 ePKP 52 17.47 -0.9
ALQ 148.32 352 ePKP 52 23.64 4.6X
CSP 148.93 9 ePKP 52 27.36 7.4X
TUC 151.32 358 ePKP 52 25.55 2.0X
LTX 153.16 344 ePKP 52 34.29 8.0X
S.D. = 1.2 on 34 of 45 obs.

JUN 04, 1994 14h 39m 40.87± 0.37s
49.164 N ± 3.0km 6.929 E ± 4.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.7 (STR), 2.5 (BNS), 2.4 (UCC).

RUP 0.55 9 eP 39 51.60 -0.3
LANF 0.60 107 Pg 39 52.75 -0.3
SRBF 0.66 112 Pg 39 54.29 0.3
WLF 0.71 315 iPd 39 54.27 -0.6
iS 40 05.09
e 58 41.00
KTD 0.77 78 eP 39 56.00 0.0
CDF 0.79 163 Pg 39 55.18 -1.1
WLS 0.80 159 Pg 39 55.48 -1.0
Sg 40 06.36
ABH 0.82 29 eP 39 56.70 -0.1
ECH 0.96 171 Pg 39 59.04 -0.1
Sg 40 12.99
LIBD 1.11 156 Pg 40 02.46 0.8
TOD 1.30 69 eP 40 04.10 -0.9
MOF 1.32 174 Pn 40 05.01 -0.3
Sg 40 23.22
BSF 1.34 184 Pn 40 05.09 -0.5
Sg 40 23.79
TNS 1.45 42 ePnc 40 06.80 -0.4
iPbc 40 08.80
iSn 40 26.70
iSg 40 31.60
FEL 1.48 150 eP 40 08.20 0.6
MEM 1.56 338 iPc 40 08.11 -0.6
ic 40 09.90
iS 40 28.53
ENN 1.73 338 ePg 40 12.50 1.4
0.7s 44.70nm
eSg 40 36.00
BBS 1.74 167 Pn 40 12.41 1.0
DOU 1.78 302 Pn 40 11.00 -0.9
iS 40 35.30
e 59 03.00
BNS 1.81 5 iPd 40 14.70 2.4
0.5s 42.00nm
iS 40 36.00
LOMF 1.82 182 Pn 40 13.92 1.4
SNF 2.18 309 iPc 40 17.09 -0.6
GRF 2.85 78 e(Pg) 40 35.80 8.5X
e(Sg) 41 10.80
MOX 3.37 62 (Pn) 40 44.00 9.4X
eSg 41 32.50
GEC2 4.47 92 Pn 40 49.40 -0.9
0.3s 4.88nm
Pg 41 09.90
KBA 4.78 113 iPnc 40 55.40 0.7
i 41 18.80
i 41 51.80
BRG 4.84 67 e(P) 41 14.50 19.1X
eSg 42 22.50
S.D. = 0.9 on 24 of 27 obs.

? JUN 04, 1994 14h 52m 51.98± 0.98s
37.146 N ± 9.2km 3.849 W ± 7.3km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 2.1 (MDD).

ERON 0.13 165 iPd 52 55.18 -0.1
eS 52 57.60
ELOJ 0.24 270 eP 52 57.22 0.0
eS 53 01.50
ECOG 0.26 60 eP 52 57.54 0.0
eS 53 01.70
EGUA 0.39 144 eP 52 59.97 0.1
eS 53 05.20
S.D. = 0.1 on 4 of 4 obs.

JUN 04, 1994 14h 55m 04.95± 0.56s
51.593 N ± 4.1km 16.140 E ± 5.0km
DEPTH = 10.9 ± 2.9 km
4.0mb (1 obs.)
POLAND (548)
ML 3.9 (GRF), 3.8 (VIE).

BRG 1.56 243 iPg 55 34.40 1.8
iSg 55 54.90
PRU 1.90 213 ePn 55 37.40 -0.2
0.6s 194.00nm
Pg 55 41.20
eSg 56 05.90
BRNL 1.91 297 eP 55 42.00 4.3X
CLL 1.98 263 iPn 55 39.30 0.5
iPg 55 43.20
iSg 56 09.10
OKC 2.17 143 (Pn) 55 41.00 -0.5
Pg 55 45.00
Sg 56 11.70
KHC 2.96 215 Pn 55 52.00 -0.8
Pg 55 58.80
Sn 56 27.50
Sg 56 37.00
e 56 41.00
HOF 2.98 246 iPnc 55 53.50 0.4
MOX 3.00 253 iPn 55 53.90 0.6
iPg 56 03.00
iSg 56 42.40
GEC2 3.17 211 Pn 55 55.10 -0.6
0.5s 5.32nm
e 56 04.20
WET 3.22 222 iPnc 55 56.30 -0.1
VKA 3.33 178 iPnc 55 57.80 -0.3
iPg 56 06.00
iSg 56 48.60
ZST 3.46 169 ePn 56 01.30 1.5
i 56 08.00
i 56 15.80
e 56 36.80
e(Sg) 56 52.70
Lg 57 15.00
e 58 15.30
SPC 3.56 131 ePn 56 02.50 1.1
i(Pg) 56 12.60
i(Sg) 56 54.80
GRF 3.66 241 ePn 56 02.90 0.1
ePg 56 15.50
e(Sn) 56 49.10
eSg 57 00.60
KMR 3.77 201 iPn+ 56 08.00 3.7X
iSg 57 07.00
SOP 3.92 176 eP 56 13.50 7.1X
SRO 4.04 159 eP 56 20.20 12.2X
KBA 4.87 203 iPnc 56 19.50 -0.6
i 56 28.10
i 57 31.30
iSg 57 38.80
TNS 5.06 257 iPnc 56 22.20 -0.3
ePb 56 38.20
eSb 57 45.10
eSg 57 56.00
WATA 5.20 217 iPnc 56 23.70 -0.9
iSg 57 50.50
WTTA 5.23 216 iPnc 56 25.30 0.1
iSg 57 52.70
SQTA 5.43 218 iPnc 56 27.70 -0.2
1.1s 51.30nm 5.1mb X
i 58 04.30
LJU 5.65 191 ePn 56 31.40 0.4
eSg 58 02.00
PTJ 5.70 181 iP 56 31.00 -0.7
VOY 5.76 196 e(Pg) 56 52.00 19.5X
eSg 58 06.50
ZAG 5.77 181 eP 56 32.50 0.0
OGA 5.79 217 ePn 56 33.10 0.1
HFS 8.67 352 eP 57 12.10 -1.1
0.5s 2.50nm 4.8mb X
NB2 9.85 346 P 57 25.80 -3.7X
0.5s 0.90nm 4.5mb X
NUR 10.12 25 eP 57 33.00 0.0
YKA 59.79 336 eP 05 12.40 0.5
0.8s 0.90nm 4.0mb
S.D. = 0.8 on 25 of 31 obs.

JUN 04, 1994 14h 57m 59.66± 0.20s
10.559 S ± 4.2km 112.889 E ± 5.7km
DEPTH = 33.4km (6 depth phases)
5.3mb (41 obs.) 4.6Msz (3 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 5.4 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 24C
Centroid Location:
Origin Time 14:58: 5.3 0.6
Lat 10.59S FIX;Lon 112.93E FIX
Dep 15.0 FIX Half-duration 1.1
Moment Tensor; Scale 10**17 Nm
Mrr=-1.26 0.18 Mtt= 0.18 0.09
Mff= 1.08 0.26 Mrt= 0.38 0.16
Mrf= 0.81 0.29 Mtf= 0.34 0.09
Principal Axes:
T Val= 1.49 Plg=18 Azm=290
N 0.07 3 21
P -1.55 72 119
Best Double Couple:Mo=1.5*10**17
NP1:Strike= 16 Dip=27 Slip= -96
NP2: 202 63 -87

LEM 6.40 305 ePd 59 34.00 -0.2
eS 00 45.00
MKS 8.40 51 iPc 00 12.50 10.4X
MBL 12.47 149 eP 00 49.00 -8.8X
iS 02 55.00
TSM 15.57 19 eP 01 39.50 1.1
KNA 16.30 110 eP 01 44.50 -3.2X
KKM 16.82 11 eP 01 56.00 1.5
MEEK 16.88 162 eP 01 49.00 -6.1X
0.3s 33.00nm 4.9mb
eS 04 41.00
MTN 18.01 99 eP 02 09.00 -0.2
0.4s 38.00nm 4.9mb
eS 05 16.50

04d 15h

```
MRWA   18.79 172 eP     02 14.00  -4.8X
              eS     05 25.00
IPM    19.12 321 ePd    02 23.60   0.8
BAL    20.26 170 eP     02 33.00  -2.1
WARB   20.27 142 eP     02 33.30  -1.9
       0.4s    14.00nm           4.7mb
PPR    21.02  16 iPc    02 43.00   0.0
KLB    21.41 169 eP     02 46.00  -0.9
SNG    21.44 325 eP     02 47.00  -0.3
MUN    21.54 172 eP     02 46.50  -1.6
              eS     06 31.00
COOL   21.63 160 iPc    02 47.30  -1.8
              eS     06 31.00
NWAO   22.62 170 eP     02 58.00  -0.9
WRA    22.68 117 P      02 59.20  -0.4
       0.9s    42.10nm           4.9mb
WB2    22.69 117 iPc    02 58.30  -1.4
       0.9s    91.50nm           5.3mb
              ipP    03 11.20  53kmX
              eS     07 06.40
BIP    22.91  36 eP     03 04.00   2.1
MAP    23.49  28 eP     03 12.00   4.5X
ASPA   23.90 126 P      03 11.89   0.4
       0.6s    67.30nm           5.3mb
FORT   24.57 147 eP     03 17.70  -0.1
PLP    24.70  29 ePd    03 18.80  -0.4
PGP    25.21  19 ePc    03 25.00   0.9
NNT    26.45 330 eP     03 37.00   1.4
NST    28.96 334 eP     04 01.50   3.1X
LOE    29.89 338 eP     04 06.00  -0.8
BDT    30.85 333 eP     04 16.00   0.9
       0.8s    26.00nm           5.1mb
CHTO   32.26 335 eP     04 28.10   0.5
ADE    33.82 140 iPc    04 40.40  -0.6
STKA   33.96 133 iPd    04 41.60  -0.7
KMI    36.82 345 P-     05 08.00   1.2
       1.2s    30.00nm           5.0mb
     Z 15s     0.12um            3.8MszX
     N 14s     0.90um
     E 14s     0.80um
              pP     05 17.00  30km
              sP     05 22.00
              eS     10 46.00
              sS     10 56.00
TOO    39.76 138 iPc    05 32.50   1.4
       1.0s    50.00nm           5.2mb
BWA    40.19 132 eP     05 36.20   1.5
              i      05 49.50  50kmX
              i      07 08.90
              e      07 20.50
CAN    41.03 133 eP     05 41.90   0.3
              e      07 17.50 526kmX
              i      07 28.50
ARMA   41.04 125 eP     05 43.20   1.3
       1.0s    11.00nm           4.5mb
CNB    41.29 133 iPc    05 44.40   0.6
       1.1s    15.00nm           4.6mb
SHL    41.33 331 iPd    05 44.40   0.2
              iS     11 54.50
SSE    42.17  11 P      05 51.50   0.6
       1.0s    26.00nm           4.9mb
GBA    42.59 304 P      05 54.00  -0.5
HYB    43.86 309 eP     06 14.50   9.6X
ODAN   44.68 327 P      06 11.02  -0.6
       0.9s    71.00nm           5.5mb
TAPN   44.90 328 P      06 13.48   0.0
RAMN   45.18 326 P      06 15.60  -0.1
       1.4s   139.00nm           5.7mb
JIRN   45.96 326 P      06 21.68  -0.3
PKI    46.32 326 P      06 23.90  -0.9
GUN    46.33 326 P      06 24.32  -0.5
DMN    46.52 325 P      06 25.66  -0.6
       0.8s    60.00nm           5.6mb
KKN    46.57 326 P      06 25.84  -0.7
       1.0s    72.00nm           5.6mb
GKN    47.09 325 P      06 29.68  -0.9
LZH    47.17 350 Pd     06 31.00  -0.1
       1.5s    69.00nm           5.4mb
     Z 20s     0.65um            4.6Msz
     N 14s     0.49um
              pP     06 40.50  32km
              ePP    08 22.00
              eS     13 20.00
KOLN   47.50 324 P      06 33.08  -0.9
       0.9s    94.00nm           5.8mb
DANN   47.85 325 P      06 35.70  -1.1
       0.9s    81.00nm           5.8mb
POO    48.16 307 eP     06 29.00 -10.0X
TKSJ   48.65  24 P      06 41.50  -1.0
WKYJ   49.48  25 P      06 47.20  -1.8
YONJ   49.49  22 P      06 47.10  -1.9
BJI    50.43   3 eP     06 55.00  -1.0
       1.3s    10.00nm           4.7mb
     Z 22s     0.62um            4.6Msz
              eS     14 05.00
NDI    52.05 319 eP     07 06.50  -2.1
MAT    52.56  26 iPc    07 09.50  -2.8
       1.1s    22.78nm           5.0mb
YAMJ   54.72  26 eP     07 26.60  -1.5
CSY    55.68 181 iPc    07 34.60  -0.1
       0.9s    16.50nm           5.1mb
VLA    56.17  17 iPd    07 38.00  -0.5
       1.2s   105.00nm           5.7mb
              i      07 49.00  37km
OFUJ   56.19  27 eP     07 37.00  -1.7
AOMJ   56.86  25 eP     07 42.20  -1.3
ASAJ   60.75  24 eP     08 08.90  -1.6
KUSJ   60.79  26 eP     08 09.00  -1.7
ZAK    61.26 353 iPc    08 13.40  -0.4
       1.6s    39.00nm           5.3mb
              eS     16 35.00
CIT    62.30   0 eP     08 21.00   0.2
YSS    63.20  22 eP     08 26.50  -0.3
       1.2s    90.00nm           5.8mb
FRU    63.61 329 eP     08 29.00  -0.6
       2.2s    60.00nm           5.3mb
              e      08 39.00  32km
              e      09 06.00
BOD    68.17   1 eP     08 57.90  -0.6
       0.6s    16.00nm           5.3mb
MAIO   68.51 316 eP     09 00.00  -1.2
ASH    70.15 317 eP     09 11.00  -0.1
YAK    73.54   8 iPd    09 29.20  -1.5
       1.4s   111.00nm           5.7mb
SYO    74.27 201 ePd    09 33.20  -1.7
KER    76.62 309 eP     09 48.00  -1.2
SPA    79.51 180 eP     10 04.00  -0.5
       1.0s    13.50nm           4.9mb
SVE    79.69 334 iPd    10 05.70   0.4
       1.8s    80.00nm           5.4mb
     Z 20s     0.30um            4.6Msz
     N 20s     0.30um
     E 20s     0.30um
              eS     20 04.00
ARU    80.34 333 iP     10 08.50  -0.3
       1.0s    20.00nm           5.1mb
              e      10 18.00  30km
SLR    80.68 246 iPd    10 12.50   1.0
       1.0s    50.00nm           5.5mb
BLF    82.09 242 eP     10 24.50   5.7X
BOSA   82.83 242 eP     10 21.20  -1.2
LBTB   83.18 246 eP     10 24.47   0.0
       1.0s    25.56nm           5.3mb
              epP    10 36.38  39km
PYA    83.20 317 eP     10 25.00   1.0
KIV    83.42 317 eP     10 25.70   0.4
       1.3s    16.00nm           5.0mb
OBN    90.86 326 eP     11 02.00   1.1
       1.1s    39.00nm           5.7mb
              e      14 39.00
WIN    91.27 247 eP     11 06.00   2.2
       1.0s    32.00nm           5.7mb
ILT    91.81  21 iPc    11 05.80   0.8
       1.4s    16.00nm           5.2mb
VRI    94.83 316 eP     11 05.50 -13.9X
BCAO   95.07 274 iPc    11 22.00   0.8
       0.8s    18.00nm           5.6mb
SDN    96.68  35 eP     11 26.02  -1.5
       1.3s    58.96nm           5.9mb
KAF    97.65 332 eP     11 30.80  -1.0
TTA    99.82  28 (P)    11 41.11  -0.7
       1.5s     5.70nm           4.9mb
GEC2  103.91 318 Pdiff  11 57.10  -3.3X
       0.3s     0.31nm           4.6mb
              e      12 00.20
SHW   121.43  42 ePKP   16 53.50   2.0
LBFM  123.15  47 (PKP)  16 56.25   1.2
GSC   128.68  53 ePKP   17 07.71   2.0
DUG   130.02  46 ePKP   17 09.50   1.3
DAU   131.02  45 (PKP)  17 09.88  -0.5
MSU   131.13  47 ePKP   17 13.68   3.2X
SRU   132.07  46 ePKP   17 13.57   1.4
RSSD  133.82  37 ePKPc  17 15.99   0.6
ULM   133.86  25 ePKP   17 18.50   3.5X
TUC   134.35  55 ePKP   17 19.44   2.8X
GOL   135.36  43 ePKP   17 19.58   1.1
ALQ   136.76  49 ePKP   17 22.95   1.7
              e      17 35.49
WMOK  142.42  45 ePKP   17 27.19  -4.1X
TUL   143.77  41 iPKPd  17 31.60  -1.9
GAC   144.25  10 ePKP   17 33.00  -1.0
XIN   144.74 237 ePKP   17 34.20  -1.6
              e      17 47.10
LMN   144.78 357 ePKP   17 34.50  -0.4
       1.1s    12.00nm
ACTO  145.20  17 PKP    17 36.40   0.7
ELF   145.22  18 PKP    17 35.70   0.0
WLVO  145.35  14 PKP    17 36.88   1.0
LDN   145.39  18 PKP    17 36.45   0.4
DLA   145.44  19 PKP    17 36.85   0.8
ITR   145.60 237 ePKP   17 37.60   0.4
              e      17 49.00
FVM   145.60  34 ePKPd  17 36.80   0.2
              e      17 47.51
TYNO  145.73  17 PKP    17 38.08   1.5
STCO  145.82  16 PKP    17 38.38   1.7
MIAR  146.03  41 ePKPd  17 39.17   1.8
LBNH  146.18   6 ePKP   17 38.97   1.6
DON   146.45  34 ePKPc  17 39.27   1.3
YSNY  146.67  15 ePKP   17 39.29   1.1
GRT   147.39  35 (PKP)  17 42.55   3.1X
BINY  147.54  12 ePKP   17 41.13   1.5
BAO   147.82 216 ePKP   17 44.00   3.1X
BDFB  147.82 216 ePKP   17 42.44   1.6
HRV   147.94   6 ePKP   17 42.95   2.8X
MOCB  148.36 183 PKP    17 44.70   2.6X
LSCT  148.54   9 (PKP)  17 44.07   2.9X
MCWV  148.88  19 ePKP   17 47.02   5.2X
TBR   148.90  10 ePKP   17 43.45   1.7
              iPKPbc17 47.04
GPD   148.98  11 (PKP)  17 45.23   3.3X
NAV   150.64  23 ePKP   17 46.28   1.7
              iPKPbc17 50.71
CVL   150.85  19 (PKP)  17 46.51   1.7
              iPKPbc17 51.89
CCH   152.22 182 PKP    17 56.60   8.8X
CEH   152.54  21 iPKP   17 55.61   8.3X
              ePKPab18 05.94
PRM   152.74  28 ePKP   17 49.87   2.2X
              iPKPbc17 56.68
SIV   152.95 193 PKP    17 49.70   1.2
LPB   153.07 178 PKP    17 58.00   8.9X
JSC   153.07  27 ePKP   17 49.94   1.8
              ePKPbc17 57.11
              ePKPab18 07.51
LHS   153.10  26 ePKP   17 50.06   1.9
              iPKPbc17 57.14
              ePKPab18 07.18
LPAZ  153.31 178 PKP    17 51.80   2.1
              i      21 42.20
     S.D. - 1.2  on 120 of 147 obs.
---------------------------------------
   JUN  04, 1994  15h 10m 10.43± 0.65s
   44.801 N ± 5.6km    22.494 E ± 8.7km
   DEPTH -  10.0km  (geophysicist)
  ROMANIA                          (358)

GZR     0.63  19 iPd    10 22.00  -1.1
DEV     1.12  15 iPc    10 32.50   1.1
DRA     1.26  95 ePd    10 13.00 -20.9X
COZ     1.41  68 iPc    10 37.00   0.7
BEO     1.45 272 iPn    10 35.20  -1.5
              eSg    11 04.20
CMP     1.86  75 ePc    10 53.00  10.3X
MTUR    1.87  76 eP     10 51.00   8.2X
MLR     2.54  73 eP     10 58.00   5.6X
KNT     3.65 175 ePn    11 08.44   0.3
              eSn    11 50.32
SRS     3.77 167 ePn    11 08.40  -1.5
GRG     3.84 181 ePn    11 12.00   1.1
SOH     4.03 171 iPn    11 13.84   0.3
              eSn    11 58.24
THE     4.18 175 ePn    11 16.74   1.1
OUR     4.60 166 ePn    11 19.56  -2.0
HVAR    4.65 252 iPn    11 23.40   1.0
ALN     4.69 145 ePn    11 22.10  -0.9
LIT     4.70 180 ePn    11 24.30   1.2
     S.D. - 1.3  on  13 of  17 obs.
---------------------------------------
   JUN  04, 1994  15h 17m 02.53± 1.04s
   34.818 N ±10.4km    24.055 E ± 6.4km
```

```
  DEPTH =  33.0km  (normal)
  3.9mb ( 17 obs.)
 CRETE                                (370)
     MD 3.9 (ATH).

VAM     0.60  11 ePb    17 14.20  -0.3
NPS     1.35  70 iPnd   17 29.20   3.9X
VLI     2.10 335 ePn    17 38.00   1.9
ATH     3.16 355 ePn    17 50.50  -0.6
AGG     4.42 342 iPn    18 10.30   1.3
                 eSn    18 57.46
KSL     4.69  72 ePn    18 14.00   1.1
PAIG    5.11 357 iPn    18 18.58  -0.2
                 eSn    19 13.66
ELL     5.13  66 ePn    18 20.50   1.2
LIT     5.42 347 ePn    18 24.02   0.9
                 eSn    19 21.58
OUR     5.51 359 ePn    18 24.14  -0.2
                 eSn    19 23.58
IGT     5.56 329 ePn    18 26.74   1.6
KHL     5.62  50 ePn    18 38.00  12.0X
THE     5.87 352 iPn    18 29.38  -0.1
SOH     6.02 355 ePn    18 30.66  -1.0
GRG     6.27 348 ePn    18 34.74  -0.4
                 eSn    19 42.82
ALN     6.27  14 ePn    18 33.98  -1.1
SRS     6.30 357 iPn    18 35.44  -0.1
FNA     6.32 341 ePn    18 35.94   0.0
KNT     6.40 352 ePn    18 37.62   0.7
                 eSn    19 45.18
GEC2   15.98 334 Pn     20 46.60   0.2
       1.0s     5.10nm          3.6mb
                 e      20 49.80
                 e      20 56.40
FRF    16.05 308 eP     20 49.50   2.2
       1.0s    28.80nm          4.4mb
KHC    16.26 335 P      20 53.00   3.1X
       1.0s     7.90nm          3.8mb
                 e      21 06.00
                 e      21 21.50
BSF    18.31 320 eP     21 15.70   0.1
       1.0s    10.40nm          3.9mb
CDF    18.43 323 eP     21 17.20   0.1
       1.0s     9.00nm          3.9mb
HAU    18.65 320 eP     21 19.70   0.0
       0.9s     9.65nm          4.0mb
LBF    19.38 315 eP     21 27.70  -0.7
       0.7s     2.55nm          3.6mb
LOR    19.60 315 eP     21 30.10  -0.7
       0.9s     7.70nm          4.0mb
CAF    19.61 308 eP     21 31.10   0.1
       1.1s     7.55nm          3.9mb
SSF    19.69 315 eP     21 31.90   0.1
       0.8s     4.55nm          3.8mb
WLF    19.82 324 P      21 31.00  -2.0
LPO    20.10 306 eP     21 36.50   0.5
       0.8s    15.30nm          4.4mb
RJF    20.12 308 eP     21 35.60  -0.7
       0.9s    17.35nm          4.4mb
LFF    20.49 307 eP     21 40.30   0.2
       0.6s    14.05nm          4.5mb
DOU    20.86 323 P      21 44.20   0.3
       1.0s    22.50nm          4.5mb
HFS    26.21 348 eP     22 33.40  -2.4
       0.4s     1.00nm          3.8mb
NB2    27.51 346 P      22 45.70  -2.0
       0.5s     1.10nm          3.8mb
YKA    77.49 342 eP     28 55.50  -0.5
       0.5s     0.40nm          3.7mb
     S.D. = 1.1  on  34 of  37 obs.
------------------------------------
* JUN 04, 1994  16h 29m 22.30± 0.44s
  17.376 S ± 7.9km  120.328 E ±11.2km
   DEPTH =  33.0km  (normal)
 NORTHWEST OF AUSTRALIA              (588)

MBL     3.79 187 eP     30 20.00   0.2
                 eS     32 20.00
MEEK    9.35 189 eP     31 21.50 -16.4X
                 eS     34 10.00
WB2    13.53 103 eP     32 29.70  -4.8X
       0.5s     6.90nm          4.8mb
                 i      32 31.50
                 ipP    32 41.80
ASPA   14.17 118 eP     32 42.80   0.0
       0.6s     5.30nm          4.4mb
                 epP    32 52.40

BIP    26.10  13 eP     35 01.20   6.1X
ODAN   54.37 323 P      38 48.05  -0.6
       0.7s    23.00nm          5.3mb
TAPN   54.56 324 P      38 50.09  -0.1
       0.7s    19.00nm          5.2mb
RAMN   54.89 323 P      38 52.97   0.5
JIRN   55.67 323 P      38 58.43   0.2
       0.7s    27.00nm          5.4mb
GUN    56.03 323 P      39 00.89   0.0
       0.7s    20.00nm          5.3mb
PKI    56.05 322 P      39 00.59  -0.4
DMN    56.26 322 P      39 02.89   0.5
       0.6s    24.00nm          5.4mb
KKN    56.29 322 P      39 02.47  -0.1
       0.7s    16.00nm          5.1mb
GKN    56.83 322 P      39 06.43   0.1
SLR    84.41 245 iPd    41 53.00  -0.4
       1.0s    30.00nm          5.4mb
BOSA   86.01 241 eP     42 08.00   6.9X
     S.D. = 0.4  on  12 of  16 obs.
------------------------------------
* JUN 04, 1994  16h 38m 15.35± 0.39s
  11.229 S ±10.4km  113.142 E ±15.6km
  DEPTH =  33.0km  (normal)
  4.8mb (  6 obs.)
 SOUTH OF JAWA, INDONESIA            (282)

LEM     6.99 308 ePd    40 09.80  11.5X
MBL    11.78 148 eP     41 03.00  -1.1
                 iS     42 59.00
MEEK   16.17 162 eP     42 01.00  -0.9
                 eS     44 48.00
MRWA   18.10 172 eP     42 25.50  -0.4
                 eS     45 36.50
WARB   19.59 141 eP     42 45.00   1.2
                 eS     46 06.00
COOL   20.92 160 eP     43 03.00   5.4X
                 eS     46 38.00
WB2    22.17 116 iPd    43 09.60  -0.7
       1.1s     7.30nm          4.0mb
                 eS     47 05.70
ASPA   23.31 125 iPc    43 22.90   1.4
       1.1s    10.60nm          4.3mb
                 ipP    43 34.70  47kmX
                 eS     47 36.90
STKA   33.33 132 eP     44 53.20   0.7
                 e      45 03.60
KMI    37.53 344 eP     45 29.00   0.5
ODAN   45.37 327 P      46 33.11   0.2
TAPN   45.60 328 P      46 35.25   0.5
RAMN   45.87 326 P      46 36.93   0.1
JIRN   46.66 326 P      46 43.43   0.2
       0.7s    29.00nm          5.4mb
PKI    47.01 326 P      46 46.03   0.1
       0.9s    25.00nm          5.2mb
GUN    47.02 326 P      46 45.87  -0.2
DMN    47.21 325 P      46 47.83   0.4
KKN    47.26 326 P      46 47.47  -0.3
       0.9s    26.00nm          5.2mb
GKN    47.78 325 P      46 51.51  -0.3
DANN   48.54 325 P      46 57.91   0.1
BJI    51.08   3 eP     47 14.00  -2.7
       1.0s     6.00nm          4.5mb
MAT    53.06  25 iPd    47 26.70  -5.0X
XIN   144.57 236 (PKP)  58 03.00  11.8X
LMN   145.45 357 ePKP   57 53.00   1.2
       1.0s     4.00nm
MOCB  147.70 182 PKP    58 03.70   7.0X
SIV   152.36 192 PKP    58 23.90  20.5X
LPB   152.39 177 PKP    58 18.50  14.6X
LPAZ  152.63 177 PKP    58 15.20  10.7X
     S.D. = 1.0  on  20 of  28 obs.
------------------------------------
  JUN 04, 1994  17h 41m 43.82± 0.50s
  39.911 N ± 6.9km   26.259 E ± 3.3km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

ALN     1.00 351 iPg    42 04.10   1.4
                 eSg    42 18.52
MFT     1.17  41 iPn    42 05.30  -0.5
EDC     1.31  70 iPn    42 08.00   0.0
BNT     1.35  70 iPn    42 08.40  -0.2
KCT     1.64  77 iPn    42 13.30   0.4
IZM     1.70 152 ePn    42 14.50   0.8
OUR     1.80 284 iPb    42 14.66  -0.4
                 eSb    42 37.64

DST     1.85  99 ePn    42 16.00   0.1
PAIG    1.98 271 ePb    42 17.05  -0.7
                 eSb    42 42.64
CTT     2.06  53 iPn    42 17.00  -2.0
DMK     2.22  30 ePn    42 21.80   0.6
SRS     2.36 302 iPn    42 23.62   0.3
SOH     2.40 293 ePn    42 24.06   0.3
                 eSn    42 53.24
ISK     2.43  61 ePn    42 25.00   0.9
YLV     2.47  74 ePn    42 26.00   1.1
THE     2.62 287 ePn    42 26.36  -0.5
HRT     2.76  70 eP     42 27.30  -1.7
KNT     2.85 297 ePn    42 29.96  -0.2
GRG     3.12 291 ePn    42 34.34   0.3
NAQJ   12.45 140 Pd     44 59.05  14.9X
MRSJ   12.62 141 P+     44 49.97   3.7X
HSHJ   12.88 142 P+     44 53.76   4.0X
WB2   116.19  95 ePKP   00 35.40   6.2X
       0.8s     4.00nm
                 ipP    00 45.90
     S.D. = 0.9  on  19 of  23 obs.
------------------------------------
% JUN 04, 1994  18h 09m 43.03± 2.56s
  11.033 N ± 9.8km   62.141 W ±28.2km
   DEPTH =  33.0km  (normal)
 WINDWARD ISLANDS                    ( 95)
     MD 3.2 (TRN).

TCE     0.51 131 iP     09 54.51   0.8
TRN     0.82 118 iP     09 58.22   0.1
                 eS     10 10.53
TPP     0.98 136 eP     10 00.06  -0.4
                 eS     10 14.42
TBH     1.19 117 iP     10 02.88  -0.5
                 eS     10 20.98
GRW     1.21  23 eP     10 04.44   0.6
                 eS     10 21.63
BOT     1.40  84 eP     10 06.50   0.0
SVB     2.39  21 eP     10 20.63  -0.1
SVV     2.44  22 eP     10 21.06  -0.4
     S.D. = 0.6  on   8 of   8 obs.
------------------------------------
  JUN 04, 1994  18h 10m 31.86± 0.33s
  10.684 S ± 6.8km  113.567 E ± 7.4km
   DEPTH =  33.0km  (normal)
 SOUTH OF JAWA, INDONESIA            (282)

LEM     7.02 303 ePc    12 14.50  -0.7
MEEK   16.57 164 eP     14 17.00  -6.4X
       0.4s    22.00nm          4.6mb
                 eS     17 03.00
MRWA   18.58 173 iPd    14 41.00  -7.4X
                 eS     17 49.00
IPM    19.64 320 ePd    15 00.50  -0.5
       1.0s    45.00nm          4.7mb
COOL   21.30 162 eP     15 17.00  -1.0
                 eS     18 53.00
MUN    21.33 174 eP     15 20.00   1.7
                 eS     18 58.00
SNG    21.93 323 eP     15 27.20   2.8
       1.0s   400.00nm          5.8mb
SNG    21.93 323 eP     15 24.60   0.2
WB2    22.04 117 eP     15 25.10  -0.4
       0.8s    11.10nm          4.3mb X
                 epP    15 38.80  58kmX
                 iPP    16 38.80
                 iS     19 20.70
ASPA   23.28 126 iPc    15 37.60  -0.2
       0.9s    18.30nm          4.6mb
                 i      15 48.80
                 eS     19 49.50
LOE    30.26 337 eP     16 42.00  -0.3
BDT    31.26 332 eP     16 51.00   0.0
STKA   33.39 133 iPc    17 08.40  -1.1
                 i      17 19.10
KMI    37.12 344 eP     17 43.00   1.4
       1.2s    30.00nm          5.0mb
                 pP     17 54.20  40kmX
SSE    42.18  10 Pd     18 25.00   1.9
       1.0s    35.00nm          5.0mb
GBA    43.21 303 P      18 30.90  -0.9
       0.9s     9.00nm          4.5mb
HYB    44.46 309 eP     18 41.50  -0.5
ODAN   45.15 326 P      18 47.58  -0.1
       0.9s    92.00nm          5.7mb
TAPN   45.37 327 P      18 49.96   0.5
       1.0s   105.00nm          5.7mb
```

04d 18h

RAMN 45.66 326 P 18 51.86 0.2
1.2s 82.00nm 5.5mb
JIRN 46.44 326 P 18 58.08 0.1
0.9s 144.00nm 5.9mb
GUN 46.81 326 P 19 00.75 -0.1
0.9s 120.00nm 5.9mb
PKI 46.81 325 P 19 00.28 -0.6
1.0s 69.00nm 5.6mb
DMN 47.01 325 P 19 02.12 -0.2
0.9s 124.00nm 5.9mb
KKN 47.05 325 P 19 02.50 -0.1
1.0s 104.00nm 5.8mb
LZH 47.41 349 Pd 19 06.20 0.9
2.0s 45.00nm 5.1mb
Z 15s 0.24um 4.3MszX
sP 19 22.50
GKN 47.57 325 P 19 06.62 -0.1
1.0s 123.00nm 5.9mb
KOLN 48.00 323 P 19 09.52 -0.6
1.0s 116.00nm 5.9mb
DANN 48.34 324 P 19 12.12 -0.7
0.9s 146.00nm 6.0mb
TKSJ 48.50 23 P 19 13.80 0.2
PYUN 48.60 323 P 19 14.24 -0.5
1.1s 152.00nm 5.9mb
WKYJ 49.31 24 eP 19 20.00 0.1
YONJ 49.36 22 P 19 20.00 -0.2
BJI 50.52 3 eP 19 29.00 0.1
1.5s 42.00nm 5.2mb
Z 20s 0.30um 4.3Msz
MAT 52.39 25 iPd 19 41.40 -1.9
1.1s 18.99nm 5.0mb
NDI 52.58 319 eP 19 42.50 -2.3
YAMJ 54.54 26 eP 19 58.70 -0.4
OFUJ 56.00 26 eP 20 08.90 -0.7
ASAJ 60.60 24 eP 20 41.30 -0.3
KUSJ 60.61 26 eP 20 41.20 -0.5
MAIO 69.06 316 eP 21 37.00 0.2
GAC 144.25 11 ePKP 30 06.00 -0.2
LMN 144.93 358 ePKP 30 08.00 0.6
1.0s 12.00nm
ACTO 145.13 17 PKP 30 09.05 1.2
XIN 145.23 236 (PKP) 30 08.00 -0.8
WLVO 145.30 15 PKP 30 09.42 1.4
TYNO 145.66 18 PKP 30 10.53 1.8
STCO 145.75 17 PKP 30 10.85 2.0X
ITR 146.09 236 (PKP) 30 11.00 0.7
MOCB 148.26 181 PKP 30 18.60 4.5X
LPB 152.91 176 ePKP 30 37.00 15.9X
LPAZ 153.15 176 PKP 30 30.00 8.2X
S.D. = 1.0 on 46 of 52 obs.

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* JUN 04, 1994 18h 18m 49.09± 0.84s
35.230 N ± 8.1km 4.044 W ±11.2km
DEPTH = 33.0km (normal)
STRAIT OF GIBRALTAR (385)
MD 2.7 (RBA).

EMEL 0.89 85 eP 19 04.63 -0.6
eS 19 14.90
TAF 1.40 107 ePn 19 13.50 0.9
i 19 15.50
eSn 19 30.50
i 19 35.00
EGUA 1.65 13 eP 19 14.75 -1.4
eS 19 31.10
ERON 1.80 6 eP 19 17.75 -0.6
eS 19 37.50
ELOJ 1.92 357 eP 19 22.11 2.0
eS 19 44.00
IFR 1.93 208 iPn 19 21.00 0.6
i 19 24.00
iSn 19 44.00
TIO 5.07 213 ePn 20 04.00 -0.9
eSn 21 00.00
i 21 02.00
S.D. = 1.5 on 7 of 7 obs.

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* JUN 04, 1994 18h 21m 21.94± 0.99s
12.639 S ±10.4km 76.657 W ±17.4km
DEPTH = 33.0km (normal)
NEAR COAST OF PERU (115)
Felt (III) at Canete, Chincha
and Pisco; (II) at Lima.

PT10 0.64 331 iP 21 34.20 -0.3
eS 21 43.10
NNA 0.67 344 iPc 21 34.80 -0.2
eS 21 43.50
PT08 0.68 9 iP 21 36.10 0.6
PT06 1.23 165 iP 21 43.00 0.2
PT03 1.58 148 iP 21 48.40 0.3
ARE 6.28 128 eP 23 04.00 8.9X
eS 24 20.00
LPAZ 9.02 115 P 23 35.00 1.5
LPB 9.14 116 eP 23 33.00 -2.1
WRA 135.51 224 PKP 40 36.00 -5.3X
0.6s 0.70nm
S.D. = 1.3 on 7 of 9 obs.

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* JUN 04, 1994 18h 48m 10.07± 1.34s
18.517 N ±14.4km 66.366 W ± 5.7km
DEPTH = 33.0km (normal)
PUERTO RICO REGION (90)
MD 3.4 (MPR).

CSB 0.30 139 iPd 48 19.17 1.3
S 48 29.27
APR 0.35 260 iP+ 48 19.91 1.4
S 48 29.55
SJG 0.45 153 iPd 48 20.32 0.3
S 48 30.56
CLLP 0.48 205 iPc 48 20.60 0.2
S 48 30.68
LRS 0.51 244 iPd 48 20.80 0.0
S 48 31.15
LPR 0.51 114 iPd 48 20.58 -0.4
S 48 30.73
PORP 0.53 209 iP+ 48 21.11 0.0
S 48 31.84
PNP 0.55 214 iP 48 21.31 0.0
S 48 32.22
CPD 0.64 138 iP+ 48 21.68 -1.0
S 48 32.68
MCP 0.71 262 iP+ 48 22.95 -0.7
S 48 34.47
MGP 0.85 234 iP+ 48 24.52 -1.1
S 48 36.54
S.D. = 0.9 on 11 of 11 obs.

JUN 04, 1994 19h 02m 06.51± 0.67s
38.960 N ± 6.2km 26.631 E ± 5.5km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.7 (ATH), 3.6 (ISK).

PRK 0.40 316 iPbc 02 14.20 -0.5
IZM 0.75 138 iPg 02 17.60 -3.6X
iSg 02 30.80
KGT 1.58 19 ePn 02 34.20 -0.3
DST 1.68 67 iPn 02 36.30 0.2
EDC 1.68 34 iPn 02 36.00 -0.1
MFT 1.89 15 ePn 02 39.20 0.0
ALN 1.99 347 ePb 02 40.70 0.2
eSb 03 04.60
RDO 2.34 339 ePb 02 44.80 -0.8
KHL 2.35 105 ePn 02 43.50 -2.4
ATH 2.49 248 ePn 02 48.60 0.9
CTT 2.58 32 ePn 02 49.80 0.7
YLV 2.65 52 ePn 02 51.00 0.8
ISK 2.81 41 ePn 02 52.00 -0.3
DMK 2.98 16 ePn 02 53.80 -0.9
HRT 2.99 51 ePn 02 56.00 1.2
EYL 3.16 58 ePn 02 58.00 0.7
SRS 3.18 314 ePn 02 55.20 -2.3X
AGG 3.35 272 ePn 03 02.30 2.3X
KNT 3.61 309 ePn 03 02.78 -0.9X
eSn 03 45.20
KSL 3.68 139 ePn 03 05.00 0.3
NPS 3.78 193 ePn 03 10.50 4.4X
S.D. = 1.0 on 16 of 21 obs.

? JUN 04, 1994 19h 02m 29.00± 4.36s
16.483 N ±31.9km 93.982 W ±26.4km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
CHIAPAS, MEXICO (61)

SCX 1.32 79 iP 03 21.00 29.8X
iS 03 49.00
TPX 2.28 133 (P) 04 05.00 59.9X
OXX 2.69 283 iP 03 15.00 3.9X
iS 03 38.00
LVVM 4.00 324 iP 03 29.00 -0.5
iS 04 03.00
IISM 4.08 308 iP 03 30.00 -0.7
(S) 04 07.00
IIT 4.83 302 iP 03 42.00 0.4
(S) 04 28.00
PPM 5.12 301 iP 03 47.00 1.1
(S) 04 32.00
III 5.56 291 iP 03 52.00 0.1
ACX 5.65 275 iP 03 52.00 -0.8
UNM 5.70 301 (P) 03 54.00 0.1
MRX 7.57 296 (P) 04 23.00 3.2X
MEO 18.69 348 iPc 06 46.00 -0.8
ALQ 21.51 331 iP 07 18.60 1.2
0.7s 2.74nm 3.8mb
S.D. = 0.9 on 9 of 13 obs.

& JUN 04, 1994 19h 06m 03.29s
60.971 N 146.809 W
DEPTH = 25.6km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.5 (AEIC).

VZW 0.15 54 iP 06 08.45 -0.1
FID 0.27 144 iP 06 09.41 -0.6
eS 06 14.76
VLZ 0.28 55 iP 06 09.64 -0.5
HIN 0.60 165 iP 06 14.00 -1.1
CVA 0.67 129 eP 06 15.48 -0.8
KLU 0.68 39 iP 06 15.29 -1.2
eS 06 24.68
SCM 0.90 344 iP 06 18.57 -1.7
KNK 0.91 300 iP 06 18.76 -1.6
LTI 1.07 209 eP 06 20.93 -1.7
MTU 1.07 203 eP 06 21.45 -1.2
SML 1.12 320 eP 06 21.81 -1.5
TOA 1.18 15 eP 06 23.59 -0.6
TZL 1.27 31 eP 06 24.18 -1.2
PLRM 1.28 300 eP 06 24.07 -1.5
GHO 1.30 309 eP 06 24.60 -1.3
PMS 1.36 283 eP 06 25.70 -1.1
GLB 1.53 71 iP 06 28.36 -0.8
eS 06 48.51
SEW 1.57 237 eP 06 28.06 -1.7
PWA 1.63 296 eP 06 29.67 -1.0
SDG 1.67 21 eP 06 31.10 -0.2
SLKM 1.74 256 eP 06 30.75 -1.5
BALM 2.18 86 eP 06 37.35 -1.3
CUT 2.19 313 eP 06 38.92 0.2
NNL 2.41 249 eP 06 40.44 -1.4
CGLM 2.54 280 eP 06 41.56 -2.3
SPU 2.56 277 eP 06 41.82 -2.2
CKN 2.62 278 eP 06 43.24 -1.7
NCG 2.63 282 eP 06 42.93 -2.1
CKT 2.63 277 eP 06 42.54 -2.6
CNPM 2.64 239 eP 06 42.78 -2.4
BKG 2.66 275 eP 06 43.14 -2.3
RDT 2.77 264 eP 06 44.29 -2.8
DFR 2.91 265 eP 06 46.09 -2.9
REF 2.93 263 eP 06 46.83 -2.6
CHX 2.96 105 eP 06 51.76 2.1
BCA3 3.17 46 eP 06 51.84 -0.8
ILB 3.82 360 eP 06 58.88 -2.9
IL1 3.82 360 eP 06 59.73 -2.0
CDD 4.00 242 eP 07 01.77 -2.7
IM3 5.91 331 eP 07 28.82 -2.6
40 obs. associated

JUN 04, 1994 19h 36m 10.83± 0.41s
48.878 N ± 6.6km 130.192 E ± 7.7km
DEPTH = 33.0km (normal)
4.5mb (19 obs.)
E. RUSSIA-N.E. CHINA BORDER REG.(657)

VLA 5.88 168 iPd 37 50.00 12.1X
1.4s 116.00nm
YAK 13.17 359 eP 39 18.10 0.2
BJI 13.33 234 eP 39 21.50 1.4
1.2s 10.00nm 4.6mb
Z 10s 1.28um
eLg 43 05.50
MAT 13.65 152 (P) 39 25.00 0.6
YONJ 13.89 169 eP 39 39.30 11.8X
TKSJ 15.16 168 P 39 50.80 6.8X
WKYJ 15.19 163 eP 39 51.00 6.5X
ZAK 17.47 285 eP 40 14.00 0.8
1.2s 24.00nm 4.2mb
eS 43 31.00

```
PET    18.34  66 eP    40 32.00    8.0X
        1.0s    30.00nm          4.4mb
     Z  12s      1.20um         3.9MszX
MOY    18.82 290 eP    40 31.00    1.1
LZH    23.12 246 eP    41 15.00    0.1
        1.5s    27.00nm          4.5mb
     Z  12s      0.48um         4.2MszX
               sP      41 23.00
RAMN   40.06 253 P     43 44.49   -0.3
        0.7s    33.00nm          5.2mb
DANN   40.90 257 P     43 51.91    0.1
        0.7s    30.00nm          5.1mb
PYUN   41.57 258 P     43 57.05   -0.1
        1.1s    55.00nm          5.2mb
MBC    47.62  18 eP    44 45.50    0.6
        0.6s     3.00nm          4.5mb
INK    47.90  30 eP    44 49.00    1.8
BALM   47.91  41 eP    44 49.30    1.8
RES    53.11  14 eP    45 26.50   -0.2
        1.0s     3.00nm          4.2mb
KIV    57.30 301 eP    45 57.80    0.2
     Z  16s      0.05um         3.7MszX
YKA    57.68  30 eP    46 03.20    3.3X
        1.0s     1.20nm          3.9mb
HFS    59.81 329 eP    46 12.70   -2.0
        0.3s     0.60nm          4.1mb
NB2    59.97 331 P     46 14.30   -1.6
        0.6s     1.20nm          4.2mb
CLL    66.71 323 eP    47 00.00   -0.3
PRU    67.09 321 eP    47 03.00    0.2
KHC    68.16 321 eP    47 09.50    0.0
        1.0s     7.00nm          4.7mb
GEC2   68.32 320 P     47 09.30   -1.3
        0.9s     1.53nm          4.1mb
               e       47 14.80
               e       47 17.30
               e       47 23.20
WRA    68.61 176 P     47 12.10   -0.3
        0.9s     2.00nm          4.2mb
WB2    68.61 176 eP    47 11.40   -1.0
        0.8s     3.40nm          4.5mb
GRF    68.69 322 eP    47 13.40    0.7
        1.1s    10.40nm          4.8mb
               e(pP)   47 18.10  15kmX
EKA    69.06 334 P     47 14.00   -0.9
        0.6s     5.10nm          4.8mb
ASPA   72.29 176 eP    47 34.10   -0.6
        1.1s     7.30nm          4.6mb
LPAZ  144.22  31 PKP   55 44.00   -1.8
LPB   144.45  31 PKP   55 40.60   -5.3X
SIV   145.93  20 PKP   55 48.60    0.7
MOCB  149.67  30 PKP   55 59.90    5.6X
    S.D. = 1.1  on  27 of  35 obs.
---------------------------------------
  JUN  04, 1994  20h 09m 34.70± 0.18s
  10.826 S ± 3.8km  113.199 E ± 4.8km
  DEPTH =  30.3km  ( 26 depth phases)
  5.7mb ( 42 obs.) 5.1Msz ( 39 obs.)
 SOUTH OF JAWA, INDONESIA        (282)
    Mw 5.5 (HRV).
    CENTROID, MOMENT TENSOR      (HRV)
    Data Used: GDSN
    L.P.B.: 42S, 77C
    Centroid Location:
    Origin Time        20:09:40.1 0.3
    Lat 10.91S 0.03 Lon 113.31E 0.04
    Dep  15.0 FIX Half-duration  1.5
    Moment Tensor;   Scale 10**17 Nm
      Mrr=-1.90 0.07  Mtt= 2.27 0.06
      Mff=-0.37 0.11  Mrt= 0.20 0.28
      Mrf= 0.31 0.20  Mtf= 0.34 0.07
     Principal Axes:
      T  Val=  2.32  Plg= 3  Azm=352
      N       -0.36      10      262
      P       -1.96      79      100
    Best Double Couple:Mo=2.1*10**17
     NP1:Strike= 93 Dip=43 Slip= -75
     NP2:       253      49     -104

LEM     6.80 305 ePc   11 15.50    0.4
               eS      12 30.00
MKS     8.34  49 iPc   11 40.50    3.9X
MBL    12.09 149 iPd   12 18.80   -9.1X
               eS      14 20.00
TSM    15.72  17 ePc   13 20.50    4.7X
KNA    15.92 110 eP    13 13.50   -4.8X
KGM    16.10 322 ePc   13 21.20    0.5
```

```
                     e       13 40.40
MEEK    16.54 163 eP    13 20.00  -6.1X
         0.3s     69.00nm         5.3mb
                     eS      16 05.00
KKM     17.03  10 ePd   13 33.00   0.6
MTN     17.67  98 eP    13 38.00  -2.3
         0.4s     96.00nm         5.3mb
                     eS      16 44.00
KLM     17.99 320 eP    13 44.00  -0.3
MRWA    18.48 172 iPd   13 44.20  -6.2X
                     eS      16 54.00
IPM     19.52 321 ePc   14 02.10  -0.7
         0.7s    108.30nm         5.2mb
WARB    19.87 142 eP    14 05.00  -1.5
                     eS      17 28.00
BAL     19.95 171 iPd   14 04.70  -2.6
                     eS      17 32.50
CTB     20.99  32 ePd   14 20.50   2.4
KLB     21.09 169 eP    14 17.00  -2.1
PPR     21.19  15 ePd   14 23.00   2.8
MUN     21.23 173 iPd   14 20.10  -0.4
      Z  20s      11.00um        5.2Msz
      N  20s       8.80um
      E  20s       7.40um
                     eS      18 00.00
COOL    21.28 161 eP    14 19.00  -2.0
                     eS      17 56.00
DAV     21.64  35 ePc   14 25.00   0.3
                     eS      18 22.00
WB2     22.30 117 eP    14 29.60  -1.7
         0.8s     78.40nm         5.2mb
                     ipP     14 41.90  50kmX
                     eS      18 29.30
CGP     22.31  31 eP    14 33.00   1.6
BIP     22.95  35 eP    14 40.50   2.8X
ASPA    23.49 126 iPc   14 42.50  -0.5
         1.0s    225.20nm         5.6mb
      Z  21s       3.80um        4.8Msz
                     ipP     14 52.50  37km
                     eS      18 56.40
MAP     23.59  27 iPd   14 44.00   0.1
FORT    24.18 147 eP    14 49.00  -0.5
         0.7s    135.00nm         5.6mb
                     eS      19 06.00
PLP     24.79  29 ePd   14 55.20  -0.3
PGP     25.36  18 ePc   15 01.50   0.5
         1.0s     62.00nm         5.2mb
TGY     25.93  17 iPc   15 04.00  -2.3
BAG     28.03  15 eP    15 24.00  -1.6
                     eS      20 20.00
NST     29.33 334 eP    15 40.50   3.3X
CVP     29.60  17 eP    15 40.00   0.4
LOE     30.25 338 eP    15 45.50   0.1
BDT     31.22 333 eP    15 54.00   0.2
         1.0s    110.40nm         5.6mb
CHTO    32.63 334 eP    16 08.00   1.7
MDG     32.72  83 e(P)  16 17.20  10.2X
HKC     32.94   2 P     16 08.00  -0.8
CTA     33.11 110 iPc   16 12.60   2.2
         1.5s    125.00nm         5.6mb
                     ipP     16 20.00  25km
                     eS      21 27.00
                     e       22 00.00
                     i       38 42.00
ADE     33.42 140 eP    16 12.10  -0.9
PMG     33.45  91 eP    16 24.00  10.5X
LAT     33.65  86 e(P)  16 24.70   9.5X
KMI     37.16 344 P-    16 46.00   0.9
         1.2s    140.00nm         5.7mb
      Z  17s       4.70um       5.3MszX
      N  14s       0.27um
      E  13s       2.70um
                     pP      17 02.00  63kmX
                     sP      17 10.00
                     PP      18 19.00
                     eS      22 22.00
                     sS      22 42.00
KVG     38.20  80 eP    17 04.70  10.9X
TOO     39.36 138 eP    17 03.90   0.6
         0.9s    101.00nm         5.6mb
BWA     39.78 132 eP    17 10.20   3.4X
                     ipP     17 18.30  27km
                     e       18 43.60
CAN     40.62 133 eP    17 15.70   2.0
                     ipP     17 23.20  25km
ARMA    40.64 124 eP    17 17.00   3.0X
         0.8s     22.00nm         4.9mb
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```
                     e       19 27.00
CNB     40.88 132 eP    17 17.10    1.2
         0.9s     11.00nm        4.6mb X
                     e       18 51.70 519kmX
RIV     41.57 129 eP    17 32.20   10.8X
                     e       18 32.30 294kmX
                     e       19 00.80
                     eS      23 39.00
SHL     41.71 330 eP    17 24.00    1.2
                     iS      23 38.00
SSE     42.38  10 Pc-   17 28.50    0.5
         6.0s      2.50nm        3.1mb X
      Z  20s       2.30um         5.1Msz
      N  12s       0.50um
      E  12s       0.50um
                     pP      17 38.00  32km
                     PP      19 08.00
                     S       23 40.00
                     sS      24 00.00
GBA     42.99 304 P     17 32.80   -0.4
         0.4s      8.50nm          4.8mb
TAU     43.60 143 iPd   17 47.90   10.0X
HYB     44.26 309 eP    17 43.50   -0.1
         0.6s     50.00nm          5.5mb
ODAN    45.07 327 P     17 49.98   -0.2
         0.7s    301.00nm          6.3mb
TAPN    45.29 327 P     17 52.08    0.0
         0.8s    400.00nm          6.4mb
RAMN    45.57 326 P     17 54.04   -0.2
         0.9s    218.00nm          6.1mb
JIRN    46.35 326 P     18 00.06   -0.5
         0.8s    415.00nm          6.5mb
PKI     46.72 325 P     18 02.88   -0.5
         1.0s    222.00nm          6.1mb
GUN     46.72 326 P     18 03.18   -0.2
         0.7s    377.00nm          6.5mb
DMN     46.91 325 P     18 04.24   -0.6
         0.9s    292.00nm          6.3mb
KKN     46.96 325 P     18 04.28   -0.8
         0.9s    248.00nm          6.2mb
GKN     47.48 325 P     18 08.29   -0.9
         0.9s    297.00nm          6.3mb
LZH     47.49 350 Pd    18 09.00   -0.1
         2.0s    153.00nm          5.7mb
      Z  15s       2.76um        5.3MszX
      E  13s       1.59um
                     pP      18 19.00  33km
                     sP      18 23.00
                     PP      20 01.00
                     eS      25 00.00
                     esS     25 16.00
                     eSS     28 07.00
KOLN    47.90 324 P     18 11.74   -0.8
         0.7s    200.00nm          6.3mb
DANN    48.24 325 P     18 14.29   -1.0
         0.7s    409.00nm          6.6mb
PYUN    48.50 324 P     18 16.08   -1.1
         0.9s    223.00nm          6.2mb
POO     48.56 307 eP    18 18.00    0.4
TKSJ    48.77  23 P     18 17.50   -1.4
WKYJ    49.59  24 P     18 23.80   -1.5
YONJ    49.62  22 P     18 23.70   -1.7
BJI     50.68   3 eP    18 32.00   -1.4
         1.6s     24.00nm          4.9mb
      Z  22s       3.11um         5.3Msz
      N  21s       2.97um
                     epP     18 42.00  33km
                     esP     18 46.00
                     ePP     20 26.00
                     eS      25 46.00
                     esS     26 03.00
                     eSS     29 19.00
TSRJ    50.89  24 P     18 35.10    0.0
IIDJ    51.64  26 P     18 41.10    0.2
NOUC    51.92 110 iPc   18 45.20    2.1
DZM     52.05 110 iPc   18 46.70    2.4
NDI     52.45 319 eP    18 45.00   -2.0
MTMJ    52.54  25 P     18 44.90   -2.8
CHJJ    52.59  26 P     18 45.50   -2.5
MAT     52.67  25 iPd   18 45.70   -2.9
         1.8s    109.09nm          5.5mb
      Z  20s       0.35um         4.4Msz
                     eS      26 10.00
KAKJ    53.24  27 P     19 00.30    7.6X
NIIJ    53.60  26 P     18 54.90   -0.4
YAMJ    54.83  26 eP    19 03.00   -1.4
CSY     55.42 181 iPd   19 07.40   -0.9
```

04d 20h

0.7s 18.70nm 5.2mb
i 19 17.30 32km
iPcP 20 19.40
OFUJ 56.29 26 eP 19 13.00 -1.9
VLA 56.34 16 iPd 19 14.50 -0.7
1.3s 333.00nm 6.2mb
iS 27 04.00
MSZ 57.62 136 eP 19 26.70 2.4
e 19 34.60 26km
MRRJ 58.83 24 eP 19 29.40 -3.3X
THZ 60.36 132 eP 19 43.10 -0.4
e 19 53.00 32km
ASAJ 60.87 24 eP 19 45.20 -1.5
KUSJ 60.89 26 eP 19 45.30 -1.6
DIW 60.91 131 eP 19 47.10 -0.1
e 19 56.80 32km
ZAK 61.56 353 eP 19 48.00 -3.3X
3.2s 247.00nm 5.8mb X
eS 28 08.00
MRW 61.57 131 eP 19 52.00 0.3
e 19 59.70 25km
KIW 61.66 131 eP 19 51.00 -1.3
e 20 00.90 32km
CAW 61.82 131 eP 19 51.90 -1.5
e 20 01.30 31km
MOW 62.01 131 eP 19 55.20 0.5
BLW 62.17 131 eP 19 56.60 0.9
e 20 04.80 27km
CIT 62.57 0 eP 19 58.00 0.0
eS 28 30.00
AAA 63.18 331 iP 20 02.00 -0.3
Z 16s 1.20um 5.2MszX
N 16s 0.80um
E 16s 1.40um
eS 28 32.00
IRK 63.31 354 eP 20 01.00 -1.9
3.4s 237.00nm 5.7mb X
Z 19s 1.63um 5.2Msz
N 20s 1.41um
E 20s 0.58um
e 20 12.00 36km
e 20 39.60
e 22 26.00
eS 28 37.00
YSS 63.33 22 eP 20 00.00 -3.1X
Z 18s 0.30um 4.5Msz
e 20 12.50 43kmX
e 22 23.00
(S) 28 23.00
VUN 63.35 105 eP 20 01.00 -2.8
HBZ 63.78 127 eP 20 06.00 -0.3
e 20 15.90 32km
PUZ 63.80 127 eP 20 06.60 0.1
e 20 14.60 26km
FRU 63.99 329 eP 20 08.00 0.4
4.0s 1600.00nm 6.5mb X
i 20 17.50 31km
e 20 41.80
MAW 65.63 199 eP 20 17.00 -0.8
0.8s 31.80nm 5.5mb
BOD 68.44 1 eP 20 32.70 -2.9
1.5s 107.00nm 5.7mb
MAIO 68.91 316 iPd- 20 38.00 -1.1
ASH 70.56 317 eP 20 49.00 0.0
YAK 73.76 8 iPd- 21 06.50 -1.0
2.8s 793.00nm 6.2mb
Z 18s 0.90um 5.1Msz
N 18s 0.80um
E 18s 0.60um
i 21 30.00 90kmX
e 23 48.00
eS 30 30.00
e 31 07.00
esS 31 16.00
ePS 31 24.00
SYO 74.13 201 ePd 21 07.00 -2.6
PET 74.47 27 eP 21 12.00 0.2
Z 20s 0.90um 5.1Msz
ePS 31 20.00
eSSS 35 30.00
KER 77.02 309 iPd 21 25.70 -1.2
TAB 79.05 312 iP- 21 38.00 0.0
SPA 79.24 180 eP 21 38.00 -0.5
1.0s 12.50nm 4.9mb
Z 20s 0.98um 5.1Msz
SVE 80.06 334 iPd 21 43.10 0.3
3.5s 400.00nm 5.8mb X

Z 16s 0.80um 5.2MszX
N 16s 0.40um
E 16s 0.50um
eS 31 49.00
ePS 32 41.00
MAK 80.27 317 iP- 21 45.00 0.8
eS 31 45.00
ARU 80.72 333 iPd 21 46.70 0.4
Z 18s 1.00um 5.2Msz
N 16s 0.50um
E 16s 0.50um
e 21 56.00 30km
eS 31 55.00
SLR 80.85 246 iPc 21 48.50 0.6
1.0s 30.00nm 5.3mb
GRO 81.58 317 iP- 21 54.00 2.9X
Z 12s 1.00um 5.4MszX
N 12s 2.00um
E 16s 1.50um
i 22 04.00 32km
eS 31 59.50
SMY 81.81 32 P 22 00.00 8.0X
Z 20s 1.04um 5.2Msz
KSR 82.06 245 iPc 21 54.50 0.2
1.5s 50.00nm 5.3mb
BLF 82.23 242 eP 21 53.00 -2.1
BOSA 82.97 242 eP 21 58.30 -0.4
LBTB 83.35 246 P 22 01.20 0.4
0.7s 20.04nm 5.4mb
PYA 83.60 317 eP 22 03.00 1.4
Z 20s 0.50um 4.9Msz
e 22 13.00 32km
e 25 22.00
iS 32 25.00
iPS 33 06.00
eSS 37 42.00
KIV 83.82 317 iPd 22 03.90 1.1
Z 15s 0.40um 4.9MszX
e 22 14.00 32km
e 25 16.30
i 32 27.00
SOC 85.71 316 eP 22 12.00 -0.1
e 22 22.00 31km
e 25 27.00
ePPP 27 23.00
eS 32 38.00
eSP 33 44.00
BHL 85.84 305 P 22 13.00 -0.1
ADK 86.52 36 eP 22 15.80 -0.1
0.7s 32.90nm 5.7mb
ANN 87.77 316 eP 22 23.00 1.0
Z 19s 0.80um 5.2Msz
e 25 50.00
eS 32 52.00
LFK 87.89 306 eP 22 19.00 -4.0X
SIM 89.96 316 eP 22 33.00 0.5
MOS 90.89 327 eP 22 38.00 1.5
Z 16s 0.40um 4.9MszX
e 22 55.00 59kmX
e 26 15.00
e 33 11.00
OBN 91.25 326 ePc 22 39.00 0.8
Z 28s 1.10um 5.1MszX
N 26s 1.00um
E 28s 1.00um
i 22 49.30 32km
e 22 56.00
iS 33 40.00
ePS 34 44.00
(SS) 39 40.00
WIN 91.45 247 eP 22 41.50 1.4
0.5s 30.00nm 5.9mb
ILT 91.95 21 iPd 22 41.00 -0.2
1.6s 19.00nm 5.3mb
Z 16s 0.30um 4.8MszX
N 16s 0.20um
e 33 16.00
e 35 14.00
HON 92.77 69 P 23 00.00 14.1X
Z 19s 0.60um 5.1Msz
BUC 95.43 314 ePd 22 45.00 -12.6X
PUL 95.70 330 (P) 23 10.00 11.5X
Z 18s 0.50um 5.0Msz
e 23 18.00 25km
e 26 55.00
e 35 38.00
MLR 95.71 315 eP 22 58.00 -1.2

SDN 96.72 35 eP 23 03.20 0.0
0.8s 51.80nm 6.1mb
KAF 98.03 332 eP 23 09.30 0.3
TTA 99.91 28 P 23 18.70 1.0
0.8s 1.66nm 4.6mb X
SVW 99.96 30 eP 23 28.50 10.6X
0.7s 2.80nm
IMA 101.08 25 Pdiff 23 22.90 -0.1
0.7s 1.15nm 4.5mb X
SLKM 102.58 30 Pdiff 23 29.00 -0.6
pP 23 38.90
PMR 103.10 29 Pdiff 23 40.00 8.2X
Z 21s 0.26um 4.7Msz
HFS 104.05 329 ePdiff23 47.00 10.9X
0.7s 7.70nm
Z 19s 0.38um 5.0Msz
LR 08 01.00
MOX 105.63 320 ePKP 28 03.00 6.4X
Z 18s 0.40um 5.0Msz
INK 108.52 21 ePKP 28 12.50 11.0X
1.0s 2.00nm
RES 114.22 8 ePKP 28 13.00 0.8
0.9s 8.00nm
pP 28 23.00
KIC 118.56 271 PKP 28 22.55 0.3
0.7s 3.00nm
LIC 118.82 271 PKP 28 22.81 0.0
BMW 120.69 42 PKP 28 26.90 1.4
RMW 121.29 41 PKP 28 27.40 0.8
LON 121.53 41 PKP 28 27.74 0.7
FMW 121.56 41 PKP 28 28.23 0.9
ASR 121.86 42 PKP 28 28.70 0.9
VBEM 122.22 43 PKP 28 30.22 1.7
WTV 122.38 40 PKP 28 29.22 0.6
SAW 122.73 40 PKP 28 30.53 1.3
WDC 122.83 49 PKP 28 40.00 10.4X
Z 20s 0.24um 4.9Msz
VIPM 123.05 44 PKP 28 31.35 1.2
LBFM 123.10 47 PKP 28 31.60 1.2
NTYM 123.28 51 PKP 28 32.10 1.6
ORV 123.87 49 PKP 28 32.50 0.8
NEW 123.92 38 PKP 28 32.20 0.6
Z 19s 0.23um 4.8Msz
LNOR 124.12 41 PKP 28 33.49 1.4
COE 124.30 52 PKP 28 33.00 0.3
ARN 124.39 52 PKP 28 34.40 1.5
SAO 124.59 53 PKP 28 40.00 6.8X
Z 21s 0.38um 5.0Msz
CMB 125.10 51 PKP 28 50.00 15.8X
Z 19s 0.24um 4.9Msz
FRB 127.15 1 ePKP 28 38.00 0.8
0.9s 9.00nm
ISA 127.19 53 PKP 28 50.00 11.6X
Z 20s 0.33um 5.0Msz
HVU 129.39 44 PKP 28 44.40 1.9
DUG 129.99 46 PKP 28 50.00 6.3X
Z 21s 0.27um 4.9Msz
MSU 131.08 48 PKP 28 47.80 1.9
PV09 133.28 47 PKP 28 52.10 1.9
RSSD 133.85 37 PKP 28 50.50 -0.5
ULM 133.97 26 ePKP 28 55.00 4.3X
pP 29 04.00
TUC 134.26 55 PKP 29 00.00 8.1X
Z 21s 0.31um 5.0Msz
GOL 135.34 43 PKP 28 55.10 1.1
Z 20s 0.38um 5.1Msz
GLD 135.42 43 PKP 29 00.00 6.0X
Z 19s 0.80um 5.5Msz
JAQ 136.55 8 ePKP 28 56.00 0.5
ALQ 136.70 50 PKP 29 10.00 13.4X
Z 20s 0.33um 5.1Msz
LTX 141.01 56 PKP 28 56.90 -7.6X
VAO 141.17 210 (PKP) 29 11.00 6.0X
WMOK 142.39 46 PKP 29 01.40 -5.3X
Z 21s 0.42um 5.2Msz
TUL 143.76 42 iPKPd 29 06.40 -2.6X
CBM 144.00 2 PKP 29 20.00 11.0X
Z 20s 0.53um 5.3Msz
GAC 144.46 10 ePKP 29 08.50 -1.3
pP 29 19.00
XIN 144.85 236 ePKP 29 09.40 -2.0
e 29 20.60
LMN 145.05 358 ePKP 29 11.00 0.1
1.0s 51.00nm
pP 29 22.00
TYS 145.19 34 PKP 29 11.30 0.0
ELF 145.37 19 PKP 29 11.60 0.1

ACTO 145.37 17 PKP 29 12.10 0.6
WLVO 145.53 15 PKP 29 12.48 0.8
LDN 145.55 19 PKP 29 12.45 0.6
DLA 145.59 19 PKP 29 12.80 0.9
FVM 145.65 34 PKP 29 12.10 -0.1
Z 20s 0.66um 5.4Msz
ITR 145.71 237 ePKP 29 12.70 -0.2
e 29 23.20
MRX 145.73 71 (PKP) 29 11.50 -1.2
TYNO 145.90 17 PKP 29 13.71 1.3
STCO 145.99 16 PKP 29 13.87 1.4
MIAR 146.03 42 PKP 29 13.80 0.9
Z 21s 0.44um 5.2Msz
LBNH 146.41 7 PKP 29 20.00 6.8X
Z 21s 0.94um 5.5Msz
DON 146.50 35 PKP 29 14.30 0.8
YSNY 146.84 16 PKP 29 15.00 1.0
Z 20s 0.59um 5.4Msz
ACX 147.38 76 (PKP) 29 19.00 3.5X
GRT 147.44 35 PKP 29 20.20 5.1X
MFTN 147.53 35 PKP 29 18.60 3.4X
III 147.55 73 (PKP) 29 18.00 2.0X
UNM 147.66 71 (PKP) 29 22.50 6.2X
BINY 147.73 13 PKP 29 30.00 14.6X
Z 20s 0.58um 5.4Msz
BDFB 147.79 216 PKP 29 16.60 0.3
MOCB 148.10 182 PKP 29 19.40 2.2X
HRV 148.17 7 PKP 29 30.00 14.0X
Z 20s 0.50um 5.3Msz
PPM 148.22 71 (PKP) 29 22.50 5.0X
LSCT 148.75 9 PKP 29 30.00 13.0X
Z 21s 0.63um 5.4Msz
PNJ 149.34 11 ePKP 29 20.84 2.9X
GMTN 149.36 11 iPKP 29 23.20 5.2X
NAV 150.77 23 PKP 29 26.60 6.3X
BLA 151.00 23 PKP 29 27.40 6.8X
CVL 151.01 19 PKP 29 27.40 6.9X
CCH 151.96 181 PKP 29 31.50 8.6X
i 29 41.30
ARE 152.49 170 ePKP 29 35.00 11.3X
CEH 152.67 22 PKP 29 23.90 0.9
Z 20s 0.28um 5.1Msz
SIV 152.76 192 PKP 29 24.50 0.8
LPB 152.79 177 PKP 29 32.00 7.8X
PRM 152.82 29 PKP 29 25.20 1.9
LPAZ 153.03 177 PKP 29 27.70 2.9X
JSC 153.17 27 PKP 29 24.80 1.0
LHS 153.20 26 PKP 29 32.70 8.9X
SGS 154.42 27 PKP 29 35.50 10.0X
NNA 155.24 156 ePKP 29 39.00 11.9X
1.0s 12.00nm
S.D. = 1.2 on 169 of 237 obs.

JUN 04, 1994 21h 01m 22.74± 0.42s
36.018 N ± 6.5km 29.727 E ± 5.7km
DEPTH = 43.6 ± 15.3 km
TURKEY (366)
MD 3.9 (ATH).

KSL 0.15 311 iPgd 01 30.00 -0.1
ELL 0.74 11 iPg 01 35.50 -1.6
iSg 01 45.50
BCK 1.60 25 iPn 01 49.50 0.5
KHL 2.31 356 iPn 01 58.00 -1.2
PPCY 2.42 117 eP 02 02.50 1.8
eS 02 30.00
IZM 3.08 321 ePn 02 08.80 -1.4
CSS 3.12 109 eP 02 13.00 2.3
eS 02 48.00
LFK 3.19 102 ePn 02 13.50 1.8
NPS 3.43 259 ePn 02 16.00 0.8
PRK 4.23 321 ePn 02 29.00 2.6
ADI 5.40 121 P 02 42.40 -0.6
BRNI 5.46 126 P 02 43.30 -0.4
VLI 5.52 279 ePn 02 44.50 -0.1
ATZ 5.58 123 P 02 45.20 -0.3
S 03 45.40
MMR 5.59 121 P 02 45.10 -0.6
HRI 5.66 117 P 02 45.90 -0.8
MAMI 5.70 126 P 02 46.80 -0.3
GVMR 5.77 124 P 02 48.60 0.5
ZNT 5.79 129 P 02 48.20 -0.2
S 03 49.50
KSHT 5.87 119 P 02 49.40 -0.2
MML 5.91 126 P 02 50.00 -0.1
GLH 5.91 122 P 02 50.20 0.1
HMDT 6.09 126 P 02 52.70 0.1
BGIO 6.18 132 P 02 53.70 -0.3
JVI 6.20 130 P 02 53.80 -0.4
MZDA 6.59 134 P 02 59.70 0.2
RMN 6.87 142 P 03 02.90 -0.7
SAGI 7.11 143 P 03 06.70 -0.2
PRNI 7.18 141 P 03 07.10 -0.7
MBH 7.59 144 P 03 13.10 -0.5
S 04 34.20
S.D. = 1.1 on 30 of 30 obs.

% JUN 04, 1994 21h 11m 33.78± 0.93s
33.043 S ± 9.3km 70.304 W ±14.5km
DEPTH = 100.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

FCH 0.28 178 iP+ 11 48.77 -0.2
iS 12 00.61
PEL 0.34 253 iP+ 11 48.92 0.1
iS 12 00.75
JACH 0.44 326 iP+ 11 49.41 -0.1
iS 12 01.87
ROCH 0.60 277 iPd 11 50.90 0.1
iS 12 04.36
PCH 0.60 197 iP+ 11 50.73 0.0
iS 12 04.23
TACH 0.81 221 iP+ 11 52.42 -0.1
iS 12 07.10
CHCH 0.93 198 iP+ 11 53.71 -0.1
iS 12 10.22
CACH 1.10 193 iP+ 11 56.09 0.4
iS 12 14.11
LCCH 1.14 248 iPd 11 56.29 0.2
iS 12 13.40
LNV 1.30 225 iP+ 11 57.52 -0.4
(S) 12 15.70
S.D. = 0.2 on 10 of 10 obs.

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* JUN 04, 1994 21h 51m 52.04± 0.35s
48.199 S ± 8.1km 106.829 E ± 9.7km
DEPTH = 10.0km (geophysicist)
5.4mb (18 obs.) 5.3Msz (3 obs.)
SOUTHEAST INDIAN RIDGE (435)
Mw 5.4 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 55C
Centroid Location:
Origin Time 21:51:58.9 0.3
Lat 48.10S 0.03 Lon 106.77E 0.05
Dep 15.0 FIX Half-duration 1.3
Moment Tensor; Scale 10**17 Nm
Mrr=-0.22 0.03 Mtt= 1.30 0.03
Mff=-1.08 0.04 Mrt=-0.39 0.12
Mrf= 0.14 0.12 Mtf= 0.78 0.04
Principal Axes:
T Val= 1.59 Plg=10 Azm=164
N -0.23 74 292
P -1.36 12 72
Best Double Couple:Mo=1.5*10**17
NP1:Strike=208 Dip=74 Slip=-178
NP2: 118 88 -16

CSY 18.24 175 iPc 56 05.30 -1.2
0.8s 10.20nm 4.0mb X
ADE 27.05 73 e(P) 57 36.10 -0.2
TOO 29.96 84 eP 58 02.20 -0.3
0.9s 15.00nm 4.8mb
STKA 30.89 71 eP 58 09.80 -0.9
ASPA 32.55 51 P 58 25.10 -0.3
WRA 35.88 48 P 58 53.50 -0.6
0.7s 10.40nm 4.8mb
WB2 35.89 48 iPc 58 52.90 -1.2
0.8s 21.10nm 5.1mb
ARMA 38.32 79 eP 59 15.40 0.8
1.0s 10.00nm 4.5mb
SPA 41.99 180 iPd 59 43.30 -1.3
1.0s 2.50nm 3.9mb X
Z 18s 2.11um 5.1Msz
TSM 53.16 14 eP 01 10.00 -2.3
PPR 58.68 14 ePc 01 51.50 -0.3
1.0s 55.00nm 5.6mb
CHTO 67.08 352 eP 02 47.00 -0.5
HYB 70.04 331 eP 03 11.00 5.1X
KMI 73.07 356 eP 03 26.00 1.8
1.0s 10.00nm 4.9mb
Z 20s 1.90um 5.4Msz
N 16s 1.40um
eS 13 19.00
WIN 73.35 255 eP 03 25.00 -1.1
0.7s 25.00nm 5.4mb
TAPN 77.14 343 P 03 46.97 -0.6
1.1s 47.00nm 5.5mb
JIRN 77.75 341 P 03 50.05 -1.0
1.6s 111.00nm 5.7mb
PKI 77.84 341 P 03 50.43 -1.0
1.2s 61.00nm 5.6mb
DMN 77.94 340 P 03 52.37 0.5
1.0s 41.00nm 5.5mb
GUN 78.06 341 P 03 52.13 -0.5
0.9s 65.00nm 5.7mb
KKN 78.08 341 P 03 51.95 -0.6
0.9s 35.00nm 5.4mb
GKN 78.43 340 P 03 54.43 0.0
1.0s 73.00nm 5.7mb
KOLN 78.44 339 P 03 54.21 -0.4
1.1s 42.00nm 5.4mb
PYUN 78.91 339 P 03 56.39 -0.8
DANN 78.96 339 P 03 57.29 -0.3
0.9s 58.00nm 5.6mb
LZH 83.95 358 eP 04 25.50 2.2
2.0s 46.00nm 5.4mb
Z 20s 1.54um 5.4Msz
N 20s 1.66um
pP 04 31.00 17kmX
eS 14 44.00
TKSJ 85.36 22 eP 04 22.40 -7.8X
WKYJ 85.99 24 eP 04 34.70 1.3
YONJ 86.36 22 eP 04 35.70 0.5
MAT 88.89 25 iPd 04 48.00 0.7
1.2s 12.50nm 5.1mb
LPB 115.41 185 ePdiff06 49.00 1.1
GEC2 125.60 306 PKP 10 54.80 0.3
1.1s 1.72nm
e 11 00.20
SVW 133.82 42 ePKP 11 10.67 1.0
IMA 136.35 36 ePKP 11 16.40 1.9
DAG 144.39 341 ePKP 11 25.90 -2.5X
1.2s 40.63nm
INK 144.39 34 ePKP 11 26.50 -2.1X
1.3s 10.00nm
WDC 144.43 84 ePKP 11 26.19 -3.4X
CMB 144.58 89 ePKP 11 28.41 -1.5
ORV 144.62 86 ePKP 11 27.77 -2.1X
GLA 145.41 100 ePKP 11 32.57 1.0
GSC 145.45 96 ePKP 11 31.50 -0.1
BONR 145.93 90 ePKP 11 31.05 -1.5
MBC 146.35 18 ePKP 11 34.50 2.8X
1.0s 3.00nm
KVN 146.63 89 ePKP 11 36.77 3.2X
TNP 146.72 91 ePKP 11 35.91 2.2X
TPNV 146.75 94 ePKP 11 35.06 1.3
SHW 147.05 75 ePKP 11 39.09 5.2X
e 11 43.39
MCW 147.52 70 ePKP 11 36.36 1.9
LON 147.53 74 ePKP 11 38.13 3.6X
TUC 147.58 105 ePKP 11 33.70 -1.4
RMW 147.77 73 ePKP 11 37.76 2.8X
MSU 150.32 94 ePKP 11 43.31 3.9X
DUG 150.74 91 ePKP 11 39.59 -0.3
NEW 151.02 73 ePKP 11 44.15 4.3X
HVU 151.51 88 ePKP 11 48.59 7.6X
SRU 151.73 95 ePKP 11 48.16 6.7X
RES 151.84 12 ePKP 11 48.00 7.7X
1.0s 4.00nm
DAU 151.89 92 (PKP) 11 43.66 1.9
e 11 54.95
EMUT 151.89 93 ePKP 11 44.28 2.5X
ALQ 152.03 106 ePKP 11 44.62 2.6X
PV10 152.33 97 ePKP 11 45.40 3.0X
e 11 55.79
PV09 152.33 97 ePKP 11 45.55 3.1X
ePKPbc11 48.77
WMOK 156.70 116 ePKP 11 49.49 1.3
RSSD 158.31 89 ePKP 11 50.82 0.7
S.D. = 1.1 on 43 of 64 obs.

% JUN 04, 1994 21h 56m 55.85± 1.82s
17.409 N ±11.5km 100.604 W ±16.1km
DEPTH = 33.0km (normal)
GUERRERO, MEXICO (59)

ACX 0.89 127 iP 57 12.00 0.0
iS 57 25.00
III 1.45 48 iP 57 21.00 0.8

04d 21h

iS 57 45.00
CRX 2.17 24 (P) 57 34.00 3.3X
UNM 2.34 35 eP 57 32.50 -0.6
MRX 2.35 346 iP 57 33.00 0.1
iS 58 02.00
PPM 2.50 48 iP 57 35.50 -0.1
(S) 58 10.00
IIT 2.71 53 (P) 57 38.00 -0.3
IISM 3.45 62 (P) 57 55.50 7.0X
OXX 3.72 94 (P) 57 59.00 6.4X
S.D. = 0.6 on 6 of 9 obs.

JUN 04, 1994 22h 30m 54.70± 0.33s
14.763 N ± 6.1km 90.732 W ± 6.0km
DEPTH = 223.3 ± 3.8 km
4.3mb (17 obs.)
GUATEMALA (70)
MD 4.5 (GCG).

BVA 0.13 136 iPc 31 25.25 -0.1
GCG 0.26 132 iP 31 25.33 -0.1
eS 31 48.71
PCG 0.39 162 ePc 31 25.47 -0.3
TER 0.46 174 iPc 31 24.81 -0.9
IXG 0.64 155 ePc 31 26.25 -0.3
eS 31 53.00
YUP 1.06 122 ePd 31 29.04 1.3
iS 31 54.83
TPX 1.49 276 iP 31 29.50 -1.2
(S) 31 57.00
SCX 2.68 317 iP 31 43.00 0.6
iS 32 14.00
OXX 6.21 293 iP 32 26.00 0.1
(S) 33 31.00
IISM 7.62 304 (P) 32 43.00 -0.8
IIT 8.40 301 (P) 32 55.00 0.7
PPM 8.68 301 iP 32 59.00 0.7
(S) 34 28.00
III 9.11 294 iP 33 04.50 1.1
(S) 34 31.00
UNM 9.27 301 (P) 33 48.00 42.5X
MIAR 19.86 353 ePc 35 10.37 -0.1
0.6s 12.71nm 4.6mb
SGS 20.56 25 ePc 35 19.18 1.8
PRM 20.67 20 eP 35 19.40 0.9
MEO 21.15 342 iPc 35 22.50 -0.7
WMOK 21.17 341 eP 35 22.34 -1.1
OCO 21.54 345 iPc 35 27.00 0.0
TUL 21.54 349 iPd 35 26.90 -0.1
LHS 21.58 23 ePc 35 28.94 1.6
ACO 23.10 343 iPd 35 43.40 1.3
CEH 23.48 24 ePc 35 46.27 0.6
0.4s 44.47nm 5.4mb X
NAV 24.14 20 ePc 35 52.45 0.6
BLA 24.17 20 ePc 35 53.03 0.9
0.6s 11.53nm 4.6mb
YSNY 29.55 18 ePc 36 40.60 0.0
0.4s 25.60nm 5.3mb
TYNO 29.74 16 P 36 41.66 -0.5
BINY 30.16 22 ePc 36 45.89 -0.1
0.4s 18.41nm 5.1mb
ACTO 30.16 16 P 36 45.40 -0.6
MSU 30.30 325 eP 36 48.70 1.2
LSCT 30.81 26 iPc 36 51.38 -0.2
0.6s 21.92nm 5.0mb
WLVO 30.91 17 P 36 52.15 -0.3
GAC 33.42 20 eP 37 14.00 -0.1
LBNH 33.46 25 eP 37 14.27 -0.3
0.5s 4.51nm 4.4mb
ULM 35.64 354 eP 37 34.50 1.7
CBM 37.21 26 ePc 37 46.03 -0.1
0.9s 16.87nm 4.6mb
LMN 37.89 30 eP 37 52.00 0.2
1.0s 9.00nm 4.3mb
LPAZ 38.08 143 P 37 54.90 0.5
LPB 38.29 143 P 37 57.00 1.1
JAQ 40.70 14 ePc 38 13.60 -1.2
SIV 42.34 135 P 38 28.40 -0.2
YKA 50.58 346 eP 39 30.70 -1.7
0.8s 2.90nm 3.8mb
FRB 51.30 12 eP 39 36.00 -1.8
1.0s 8.00nm 4.2mb
VAO 56.95 131 eP 40 18.30 -1.0
RES 59.96 359 eP 40 37.50 -1.8
0.6s 2.00nm 4.0mb
INK 60.06 343 eP 40 39.00 -1.1
0.6s 1.00nm 3.7mb
MBC 63.31 353 eP 41 00.50 -1.0
1.0s 3.00nm 4.0mb
EKA 76.63 36 Pc 42 20.33 -1.8
0.7s 5.60nm 4.4mb
NB2 82.89 29 P 42 56.00 0.7
0.8s 1.10nm 3.6mb
HFS 84.34 29 eP 43 01.70 -0.8
0.4s 1.50nm 4.1mb
GEC2 88.24 40 P 43 22.90 1.0
1.4s 2.11nm 3.8mb
WB2 136.76 257 iPKPc 49 53.50 0.5
0.3s 20.00nm
WRA 136.77 257 PKP 49 54.20 1.2
0.6s 3.30nm
ASPA 137.08 251 ePKP 49 45.30 -8.2X
1.3s 3.60nm
e 49 53.80
S.D. = 1.0 on 53 of 55 obs.

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* JUN 04, 1994 23h 12m 27.20± 0.58s
21.438 N ±10.2km 142.404 E ±19.1km
DEPTH = 33.0km (normal)
4.4mb (5 obs.) 4.2Msz (1 obs.)
MARIANA ISLANDS REGION (215)

PJG 8.15 163 eP 14 27.00 0.8
GUMO 8.15 163 eP 14 26.10 -0.1
1.3s 90.60nm 5.7mb X
MAT 15.49 347 (P) 15 48.00 -16.8X
Z 19s 1.74um
eS 18 12.00
BAG 21.23 260 eP 17 28.00 15.1X
eS 21 24.00
SSE 21.29 301 Pc 17 13.00 -0.2
1.0s 56.00nm 4.9mb
Z 20s 0.90um 4.2Msz
N 12s 0.50um
E 12s 0.50um
S 21 01.00
sS 21 06.00
BJI 29.02 316 eP 18 36.00 9.7X
LZH 36.56 302 eP 19 33.50 1.4
2.0s 56.00nm 5.1mb
Z 24s 0.59um 4.3MszX
N 15s 0.41um
sP 19 44.50
CHTO 40.80 274 eP 20 15.00 7.6X
WRA 41.88 191 P 20 15.10 -1.0
1.8s 0.40nm 2.8mb X
ASPA 45.59 191 eP 21 06.20 20.1X
0.6s 26.40nm
i 23 10.40
STKA 53.02 181 iPd 22 02.50 19.4X
YKA 77.02 28 eP 24 18.60 0.4
0.7s 1.20nm 4.0mb
RES 77.49 13 eP 24 21.00 0.4
KAF 82.65 335 eP 24 47.90 -0.5
NUR 84.20 334 eP 24 56.10 -0.2
NB2 88.92 339 P 25 17.50 -2.0
0.5s 0.40nm 4.0mb
GEC2 96.43 329 P 25 55.50 1.0
0.8s 0.70nm 4.2mb
LPAZ 150.68 85 PKP 32 26.00 12.7X
LPB 150.77 86 PKP 32 28.80 15.6X
S.D. = 1.1 on 11 of 19 obs.

& JUN 04, 1994 23h 31m 13.93s
34.350 N 118.579 W
DEPTH = 14.7km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 3.0 (GS).

WSP 0.25 0 P 31 18.90 -0.7
PYR 0.26 328 iPd 31 19.23 -0.6
LHU 0.35 23 P 31 20.67 -0.7
MWC 0.45 106 iPc 31 22.62 -0.6
CFL 0.46 92 P 31 22.57 -0.8
LRRC 0.49 69 P 31 23.14 -0.6
LOK 0.56 312 P 31 24.21 -0.9
FTC 0.58 334 iPc 31 24.53 -0.8
TPO 0.60 29 P 31 25.71 0.0
TJR 0.69 349 P 31 26.28 -0.9
RYS 0.70 295 P 31 27.07 -0.4
ABL 0.73 314 eP 31 26.78 -1.2
PLEC 0.74 327 P 31 27.81 -0.2
SSK 0.75 100 eP 31 27.53 -0.7
BMTC 0.78 359 P 31 27.98 -0.9
ARVC 0.80 345 P 31 28.26 -0.8
SNDC 0.82 16 P 31 29.52 0.0
MARC 0.90 316 P 31 30.20 -0.6
CALC 0.91 34 P 31 30.79 -0.2
LPC 0.95 279 P 31 30.89 -0.8
CSP 1.01 93 eP 31 32.09 -0.6
WJPM 1.06 4 P 31 33.30 -0.3
TMB 1.08 313 P 31 33.59 -0.2
DTP 1.10 33 P 31 33.90 -0.2
SBKC 1.10 48 P 31 34.09 -0.1
PKM 1.16 298 P 31 34.70 -0.6
SYP 1.17 279 P 31 34.41 -1.0
WOFM 1.19 355 P 31 35.56 -0.2
HOD 1.20 66 P 31 35.60 -0.3
PEC 1.26 111 eP 31 35.46 -1.5
eS 31 51.63
CRGC 1.30 314 P 31 36.79 -0.7
ISA 1.31 4 eP 31 36.99 -0.8
SCCM 1.44 295 P 31 39.59 0.1
WWPM 1.44 16 P 31 39.12 -0.4
BCH 1.49 304 eP 31 39.27 -1.0
RAY 1.50 102 P 31 40.82 0.3
SRTC 1.50 27 P 31 42.13 1.8
POB 1.53 115 P 31 39.74 -1.0
WSHM 1.56 35 P 31 42.30 1.1
TOW 1.60 24 P 31 41.47 -0.3
CLC 1.67 29 P 31 44.61 1.8
GSC 1.74 56 eP 31 42.99 -0.9
PLM 1.74 124 eP 31 43.40 -0.6
PSP 1.77 108 P 31 45.13 0.9
CSSM 1.80 21 P 31 47.45 2.7
PMGM 1.93 305 eP 31 43.11 -3.4
CPM 1.98 95 P 31 51.30 3.9
PHAM 2.10 315 (P) 31 47.02 -2.0
TPC 2.11 96 P 31 53.88 4.7
COY 2.13 117 P 31 52.56 3.1
FRGC 2.17 105 P 31 52.65 2.5
PNMC 2.33 98 P 31 56.72 4.3
GRP 2.50 79 P 32 02.40 7.6
TPNV 3.21 36 ePn 32 04.09 -0.9
MMPM 3.27 354 (P) 32 06.78 0.8
GLA 3.39 111 (P) 32 11.02 3.7
BONR 3.60 3 ePg 32 18.95 8.3
ARUT 5.39 49 ePg 32 52.36 16.4
MSU 6.63 49 ePg 33 15.76 22.4
59 obs. associated

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* JUN 04, 1994 23h 59m 04.93± 1.77s
1.248 N ±11.6km 127.052 E ±14.5km
DEPTH = 160.7 ± 19.3 km
5.1mb (8 obs.)
HALMAHERA, INDONESIA (267)

SWI 4.70 116 ePd 00 16.50 1.2
MTN 14.58 164 iPc 02 24.20 -0.6
0.3s 53.00nm 5.4mb
KNA 16.97 174 eP 02 54.00 -0.4
0.6s 56.00nm 5.1mb
WWKK 17.25 106 eP 02 56.00 -1.9
WB2 22.24 162 iPd 03 49.50 0.2
0.9s 62.60nm 5.1mb
ipP 03 56.80 26kmX
eS 07 43.90
ASPA 25.64 165 iPc 04 20.90 -0.6
0.7s 22.70nm 4.9mb
eS 08 48.00
STKA 35.71 159 iPc 05 49.40 -0.4
0.7s 25.00nm 5.0mb
iPP 07 12.40
ARMA 39.24 145 iPd 06 19.70 0.3
0.6s 41.00nm 5.3mb
BWA 40.76 153 iPc 06 33.40 1.7
LZH 40.80 331 iPd 06 32.50 0.3
1.5s 45.00nm 4.9mb
CAN 41.77 153 iPc 06 40.70 0.7
HYB 50.29 292 eP 07 47.50 0.2
0.6s 43.30nm 5.3mb
GBA 50.59 287 Pd 07 49.00 -0.6
S.D. = 1.0 on 13 of 13 obs.

JUN 05, 1994 01h 09m 30.15± 0.10s
24.511 N ± 2.3km 121.905 E ± 2.7km
DEPTH = 11.4km (geophysicist)
6.1mb (134 obs.) 6.6Msz (49 obs.)
TAIWAN (244)
Mw 6.4 (GS), 6.4 (HRV). Ms 6.1
(BRK). Mo=5.2*10**18 Nm (PPT).

One person killed at Chi-lung; two injured in the I-lan-Tai-pei area. Two-thirds of the houses were damaged in the Nan-ao area. Surface cracks were also observed in the area. Landslides blocked a highway between Su-ao and Hua-lien. Felt (V JMA) at Nan-ao; (IV JMA) at Hua-lien, Su-ao and Tai-pei; (III JMA) at Chia-i and Hsin-chu; (II JMA) at Tai-chung and Tai-nan. Also felt on Iriomote-jima, Ishigaki-shima and Yonaguni-jima, Japan. Depth from broadband displacement seismograms.

FAULT PLANE SOLUTION: P-Waves
NP1:Strike=177 Dip=83 Slip= 143
NP2: 272 53 9
Principal Axes:
T Plg=31 Azm=128
P 20 230
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 7.5±1.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 12 No. of sta: 34
Moment Tensor; Scale 10**18 Nm
Mrr= 0.51 Mtt=-0.39
Mff=-0.12 Mrt=-0.61
Mrf=-1.48 Mtf= 3.58
Principal axes:
T Val= 3.97 Plg=23 Azm=132
N -0.05 65 333
P -3.92 8 226
Best Double Couple:Mo=3.9*10**18
NP1:Strike=271 Dip=68 Slip= 11
NP2: 177 80 157
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S,122C M.W.: 44S, 67C
Centroid Location:
Origin Time 01:09:34.5 0.1
Lat 24.55N 0.01 Lon 121.77E 0.01
Dep 20.6 0.7 Half-duration 3.8
Moment Tensor; Scale 10**18 Nm
Mrr=-0.29 0.02 Mtt= 0.34 0.03
Mff=-0.05 0.03 Mrt= 0.26 0.06
Mrf=-1.45 0.09 Mtf= 3.49 0.03
Principal Axes:
T Val= 3.80 Plg=12 Azm=135
N -0.01 67 16
P -3.79 20 229
Best Double Couple:Mo=3.8*10**18
NP1:Strike=270 Dip=67 Slip= -6
NP2: 3 84 -157

TATO 0.60 321 iPc 09 42.75 0.7
PIP 6.27 191 iPd 11 06.00 1.2
SSE 6.59 355 Pnc 11 07.00 -2.3
pP 11 09.00
sP 11 14.00
CVP 6.77 181 ePc 11 11.00 -0.9
SZP 7.06 191 iPc 11 15.00 -0.8
HKC 7.43 254 iP 11 20.30 -0.8
BAG 8.15 189 ePc+ 11 30.00 -1.4
0.9s 371.43nm 6.6mb
QCP 9.85 185 eP 11 54.00 -0.7
TGY 10.39 185 iPc 12 03.00 0.8
iS 14 16.00
GQP 10.56 177 iPc 12 05.00 0.5
PGP 10.99 185 ePd 12 11.00 0.7
QIZ 12.46 246 eP 12 29.20 -1.0
PLP 13.59 167 eP 12 41.00 -4.3X
SHK 13.69 41 ePd 12 50.70 4.2X
MAP 14.25 172 iPc 12 55.00 1.1
XAN 14.77 313 eP 12 59.30 -1.4
PPR 14.96 192 iPd 13 04.00 0.7
CGP 16.19 170 ePc 13 21.00 1.8
BJI 16.22 344 eP 13 20.50 1.1

2.0s 1026.00nm 5.6mb
E 18s 472.00um
eS 16 25.00
BIP 16.72 165 ePc 13 27.80 1.9
CTB 17.35 172 iPd 13 37.50 3.6X
KMI 17.41 276 iPd 13 34.65 -0.2
1.8s 679.00nm 5.5mb
Z 18s 270.10um 5.0Msz
PP 13 55.00
sP 14 03.00
S 16 40.00
sS 17 00.00
DAV 17.68 168 ePc 13 39.40 1.4
MAJO 18.44 46 ePc 13 45.26 -2.0
0.7s 40.70nm 4.7mb X
MAT 18.44 46 P 13 48.00 0.8
KKM 19.16 197 ePd 13 53.50 -2.8
1.6s 2346.10nm 6.2mb
eS 14 44.50
LZH 19.36 311 ePc 14 00.71 1.9
2.0s 9622.00nm 6.7mb
E 16s 321.25um
PP 14 18.50
S 17 38.00
sS 17 44.00
SS 18 00.00
LOE 20.11 253 eP 14 06.00 -0.8
VLA 20.30 21 iPd 14 11.00 2.4
3.0s *******nm 7.1mb X
i 14 33.00
TSM 20.47 192 ePd 14 10.50 -0.1
1.5s 1959.90nm 6.2mb
MDJ 21.01 15 ePc 14 17.06 1.1
CHTO 22.07 260 iPd 14 27.24 0.4
1.1s 176.68nm 5.4mb
eS 18 34.00
NST 22.23 251 eP 14 31.90 3.5X
BDT 22.57 256 iPc 14 33.50 1.8
1.2s 305.40nm 5.7mb
NNT 24.09 245 iPc 14 48.90 2.3
TNE 24.15 167 ePd 14 48.80 1.6
GUMO 24.23 112 eP 14 48.00 0.0
1.3s 1435.20nm 6.4mb
Z 22s 35.30um 5.8Msz
e 14 58.30
eS 19 11.80
PJG 24.23 112 eP 14 48.00 0.0
TT 37 28.20
GUA 24.30 112 eP 14 48.70 0.1
1.2s 1712.50nm 6.5mb
SAP 24.45 36 eP 14 49.00 -0.9
HIA 24.77 357 eP 14 53.93 1.0
SNG 26.69 233 eP 15 12.00 0.8
1.0s 100.00nm 5.5mb
eS 19 28.00
SWI 26.81 159 ePc 15 16.00 3.8X
SHL 27.20 279 iPd 15 15.70 -0.3
iS 19 54.00
LSA 27.81 288 eP 15 21.46 -0.4
YSS 27.93 31 ePd+ 15 20.00 -2.2
i 15 24.00
e 15 32.00
e 16 17.00
ePPP 16 29.00
CIT 28.17 349 eP 15 24.00 -0.4
Z 16s 117.50um 6.6MszX
IPM 28.22 229 ePc 15 25.60 0.5
0.9s 209.60nm 5.9mb
KGM 28.68 222 ePd 15 28.60 -0.6
e 15 58.80
MKS 29.64 185 iPd 15 37.50 -0.4
IRK 30.79 339 eP 15 46.00 -1.8
1.8s 637.00nm 6.2mb
Z 16s 168.10um 6.8MszX
N 18s 109.14um
E 18s 84.91um
e 16 42.00
e 17 05.00
e 18 45.00
eS 20 45.00
TAPN 30.83 283 P 15 48.73 0.0
1.9s 3172.00nm 6.9mb
ODAN 31.14 282 P 15 51.05 -0.3
1.2s 1015.00nm 6.6mb
RAMN 31.84 282 P 15 57.47 -0.1
1.3s 1054.00nm 6.6mb
JIRN 32.16 283 P 16 00.43 -0.1

0.8s 326.00nm 6.3mb
GUN 32.43 284 P 16 02.59 -0.2
1.3s 851.00nm 6.5mb
PKI 32.86 283 P 16 05.61 -0.9
1.4s 821.00nm 6.5mb
KKN 32.96 284 P 16 06.95 -0.4
0.9s 334.00nm 6.3mb
DMN 33.13 283 P 16 08.19 -0.6
GKN 33.52 284 P 16 11.37 -0.7
BOD 33.77 353 eP 16 14.80 1.1
1.5s 190.00nm 5.8mb
WMQ 33.91 313 eP 16 14.76 -0.4
epPd 16 18.07 11kmX
DANN 34.28 285 P 16 18.33 -0.5
1.3s 1040.00nm 6.6mb
KOLN 34.45 284 P 16 19.73 -0.5
1.0s 594.00nm 6.5mb
PYUN 34.97 284 P 16 24.51 -0.1
1.0s 579.00nm 6.4mb
WWKK 35.04 140 eP 16 24.90 -0.2
OKTD 35.18 145 eP 16 27.20 0.9
MDG 37.62 139 e(P) 16 46.80 0.0
YAK 37.86 6 eP 16 46.60 -1.8
1.8s 837.00nm 6.2mb
i 18 21.00
e 19 06.00
iS 22 38.00
eSS 25 07.00
MTN 38.21 165 eP 16 49.00 -2.7
0.5s 160.00nm 6.0mb
KVG 38.91 130 eP 16 56.00 -1.7
LAT 39.48 138 eP 17 02.70 0.3
PET 39.67 34 eP 17 03.00 -0.5
Z 20s 77.00um 6.5Msz
N 18s 39.00um
E 20s 61.00um
e 18 32.00
eS 23 00.00
eSSS 26 24.00
NDI 40.00 286 iP 17 06.20 -0.5
1.2s 406.25nm 6.0mb
KNA 40.57 170 eP 17 10.00 -1.3
HYB 40.96 269 iPd 17 15.00 0.3
1.6s 466.70nm 6.0mb
i 18 52.00
iS 23 26.00
RAB 40.99 130 iPc+ 17 16.00 1.1
eS 23 31.60
PMG 41.76 141 iPc 17 21.47 0.4
1.0s 640.00nm 6.3mb
ec 17 22.80
epPc 17 25.11 12kmX
ed 17 26.85
FRU 42.78 307 iP 17 30.00 0.7
3.2s 1500.00nm 6.2mb X
GBA 43.24 264 P 17 35.00 1.7
POO 44.92 272 iPd 17 49.00 2.0
MBL 45.44 183 eP 17 32.50 -18.4X
i 17 50.50
WRAB 45.81 164 eP 17 53.09 -0.7
epP 17 56.32 11kmX
ed 17 57.73
WRA 45.81 164 P 17 52.30 -1.6
0.8s 42.80nm 5.5mb
WB2 45.82 164 eP 17 52.20 -1.7
0.8s 134.50nm 6.0mb
i 17 55.40
ipP 18 04.80 46kmX
NRIL 49.17 345 ePd 18 17.46 -2.2
ASPA 49.28 165 iPd 18 19.90 -1.1
0.7s 76.60nm 5.8mb
Z 22s 13.30um 5.9Msz
e 18 32.70
eScP 23 38.60
eS 25 24.00
iPcS 28 10.10
eP'P' 49 05.90
HNR 50.16 128 eP 18 26.76 -1.1
epPc 18 30.49 12kmX
eS 31 17.00
CTA 50.27 150 iPc+ 18 28.00 -0.6
1.3s 519.23nm 6.3mb
i 18 40.00
i 19 04.00
iS 25 43.50
iScS 28 21.00
CTAO 50.27 150 iPc 18 28.91 0.3

05d 01h

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         1.0s   415.17nm          6.4mb
                   ec      18 30.24
                   ed      18 34.54
WARB     50.60 174 eP      18 28.00  -3.1X
MEEK     50.95 184 eP      18 30.30  -3.4X
ADK      53.56  43 (P)     18 50.61  -2.4
         1.1s    76.80nm          5.6mb
       Z 21s     34.40um          6.4Msz
MRWA     53.72 186 eP      18 51.00  -3.3X
         0.5s    26.00nm          5.5mb
SVE      54.17 323 iPd     18 56.00  -1.4
         2.1s  1360.00nm          6.6mb
       Z 12s     91.00um          7.1MszX
       N 12s     45.00um
       E 12s     52.00um
                   e       21 04.00
                   iS      26 27.00
MAIO     54.27 298 iPd     18 59.00   0.4
ASH      55.02 300 eP      19 05.00   1.1
         1.5s   620.00nm          6.4mb
       Z 15s     30.42um          6.5MszX
       N 14s     58.82um
       E 14s     53.30um
                   i       19 59.00
                   e       21 10.00
                   eS      26 42.00
                   iPS     26 56.00
                   e       28 48.00
BAL      55.03 185 eP      19 01.00  -3.0X
COOL     55.08 181 eP      19 00.00  -4.4X
ABKT     55.20 300 iPd     19 05.49   0.2
                   epPc    19 08.97  11kmX
ARU      55.22 323 eP      19 03.22  -1.9
         1.0s    70.00nm          5.6mb
                   ic      19 09.34
FORT     55.29 174 eP      19 03.00  -2.8
KLB      55.93 184 eP      19 07.40  -3.0X
ILT      56.13  23 iPc     19 07.80  -3.7X
         2.2s   800.00nm          6.4mb
       Z 16s     57.00um          6.8MszX
       N 18s     12.00um
       E 18s     20.00um
                   i       19 15.60
                   i       21 24.00
                   iPPP    22 35.00
                   iS      26 58.00
                   iPS     27 12.00
                   i       28 52.00
MUN      56.43 186 eP      19 12.00  -2.1
NWAO     57.29 185 (P)     19 16.87  -3.3X
         0.7s    42.00nm          5.6mb
                   epP     19 20.84  13kmX
STKA     59.14 160 iPc     19 31.40  -1.7
         0.7s   127.80nm          6.2mb
                   i       19 37.00
                   eS      27 38.80
ANM      60.73  28 eP      19 43.36  -0.3
                   ePcP    20 26.40
ADE      61.26 164 iPd     19 46.90  -0.7
ARMA     61.61 151 iPd     19 59.30   9.2X
         1.0s   179.00nm          6.2mb
BKM      61.63 128 iPc     19 50.00  -0.4
MAK      62.66 307 iP-     19 56.00  -0.9
         2.0s   630.00nm          6.5mb
       Z 14s     49.50um          6.8MszX
       N 14s     57.00um
       E 14s     74.00um
                   e       20 32.00
                   i       22 13.00
                   iPPP    23 49.00
                   eS      28 23.00
                   ePS     28 57.00
                   e       29 42.00
SDN      63.23  39 eP      19 58.52  -2.0
         0.6s    45.45nm          5.8mb
       Z 19s      5.45um          5.7Msz
NOUC     63.30 133 iPc     20 02.60   1.2
DZM      63.38 133 iPc     20 01.80  -0.2
BWA      63.79 156 eP      20 05.20   0.7
                   i       20 06.30
                   ipP     20 21.90  62kmX
                   i       22 20.60
                   i       22 25.70
GRO      63.87 308 iPd-    20 05.00   0.1
         2.0s  1680.00nm          6.9mb
       Z 16s     40.00um          6.7MszX
       N 16s     95.00um
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       E 16s     90.00um
                   eS      28 35.00
                   iPS     28 56.00
DHR      64.04 289 iPd     20 12.00   5.7X
                   eS      28 20.00
BRW      64.23  21 eP      20 05.77  -1.1
RIV      64.34 153 eP+     20 10.10   2.1
       Z 20s      0.50um          4.7MszX
                   e       20 25.70
                   iS      28 55.00
                   e       29 23.00
                   eScS    30 06.00
                   eSSS    36 03.00
TAB      64.38 302 iP-     20 09.00   0.4
KER      64.57 298 ePd     20 09.00  -0.9
CAN      64.80 156 eP      20 11.80   0.7
                   i       20 13.40
                   ipP     20 27.90  59kmX
                   i       22 30.00
MTA      64.81 306 iP      20 22.60  11.5X
         0.4s   160.00nm
                   i       20 38.80
TTA      64.90  30 eP      20 09.73  -1.7
         0.6s    16.92nm          5.4mb
CNB      64.94 155 iPc     20 13.00   1.0
         0.7s   112.00nm          6.2mb
GNI      65.19 304 ePd     20 14.61   0.8
                   epPc    20 18.42  12kmX
                   ec      20 21.15
SVW      65.25  32 iPc     20 12.74  -1.0
         0.8s   153.48nm          6.2mb
PYA      65.62 309 eP      20 16.00  -0.3
       Z 16s     33.50um          6.6MszX
       N 16s     30.00um
       E 16s     27.50um
                   i       20 20.00
                   e       22 42.00
                   iS      29 02.00
                   iPPS    30 06.00
TOO      65.62 160 iPc     20 15.40  -0.9
         0.6s   180.00nm          6.4mb
IMA      65.62  26 iPc     20 14.92  -1.2
         1.9s   282.27nm          6.1mb
KIV      65.89 309 ePd     20 17.84  -0.4
         2.1s  2572.00nm          7.0mb
       Z 17s     28.10um          6.5MszX
CP2      66.86  32 eP      20 23.14  -1.1
MOS      66.95 322 eP      20 23.00  -1.6
         2.2s  1700.00nm          6.8mb
       Z 15s     54.00um          6.9MszX
       N 15s     33.00um
       E 15s     40.00um
                   e       20 52.00
                   e       22 53.00
                   ePPP    24 30.00
                   eS      29 08.00
                   e       30 16.00
KDC      67.31  35 eP      20 24.93  -1.9
         1.4s   175.21nm          6.1mb
RYD      67.55 288 ePd     20 20.10  -8.9X
                   eS      29 30.00
OBN      67.64 322 ePd     20 27.02  -1.9
         1.2s   320.00nm          6.4mb
       Z 20s     48.00um          6.7Msz
       N 20s     21.00um
       E 20s     30.00um
                   epPc    20 30.91  13kmX
                   e       22 52.00
                   ePPP    24 42.00
                   iS      29 24.00
                   eSSS    36 48.00
SLKM     67.96  32 eP      20 28.16  -2.8X
                   ePcP    20 56.52
COL      68.22  27 ePc     20 31.10  -1.3
         0.8s    66.37nm          5.9mb
FBA      68.22  27 eP      20 30.90  -1.5
PMR      68.27  31 eP      20 30.32  -2.5
         1.1s    84.98nm          5.8mb
       Z 19s     10.88um          6.1Msz
MJMA     68.35 289 ePc     20 32.60  -1.4
KEV      68.92 338 eP      20 35.90  -0.8
         0.8s    64.73nm          5.9mb
MSVF     69.33 122 eP      20 38.44  -1.5
                   e       20 44.56
VUN      69.45 122 iPd     20 39.50  -1.2
TOA      69.53  30 ePc     20 40.20  -0.4
         0.7s   214.20nm          6.4mb
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SDF      69.71 336 iP      20 46.00   4.4X
KLU      69.79  31 ePc     20 40.56  -1.7
KBS      69.85 349 eP      20 43.00   0.8
                   e       45 45.00
                   i       48 35.00
PUL      69.94 327 (P)     20 42.00  -1.0
         1.6s   460.00nm          6.4mb
       Z 17s     85.00um          7.1MszX
       N 17s     33.00um
       E 17s     77.00um
                   e       20 57.00
                   ePPP    25 06.00
                   eS      29 50.00
                   e       30 24.00
                   e       30 44.00
                   eSSS    37 26.00
KMSA     70.79 284 ePd     20 46.86  -2.1
UQSK     70.88 290 ePd     20 49.80   0.3
TAU      71.06 161 iPd     20 51.20   1.2
KAF      71.20 330 iP      20 49.30  -1.4
         0.8s    93.30nm          6.0mb
KVT      71.35 307 iP      20 51.00  -1.1
BALM     71.58  31 ePc     20 51.62  -1.6
GAZ      71.61 303 iP      20 53.40  -0.2
SIM      71.61 312 eP      20 54.00   0.5
                   e       21 08.00
                   eS      30 12.00
                   e       30 52.00
TRO      71.65 339 eP      20 55.50   2.2
BNN      72.13 305 iP      20 58.70   1.8
NUR      72.45 329 iP      20 57.40  -0.7
         0.8s   115.70nm          6.0mb
       Z 18s     75.00um          7.0Msz
                   e       25 24.00
                   eS      30 21.00
                   LR      55 30.00
DHJN     72.61 282 eP      21 00.00  -0.2
INK      72.68  22 eP      20 58.50  -0.9
         0.9s    36.00nm          5.5mb
KIP      72.78  74 eP      20 57.77  -3.0X
         1.8s   597.48nm          6.4mb
MBC      72.80  13 eP      20 58.50  -1.5
         1.0s    23.00nm          5.2mb
HON      72.83  74 P       21 10.00   9.0X
       Z 21s     20.50um          6.4Msz
MNK      73.04 322 eP      21 00.00  -1.7
         1.0s   460.00nm          6.5mb
       Z 24s     37.00um          6.6MszX
       N 20s     50.00um
       E 22s     33.80um
                   eS      30 24.00
ABHA     73.06 283 ePd     21 03.30   0.5
ALE      73.16   1 ePd     21 02.25   0.2
BHL      73.82 300 P       21 04.00  -2.9X
                   S       30 40.00
CSTJ     73.91 297 P+      21 07.70   0.4
TAIF     74.11 286 eP      21 09.30   0.5
KIS      74.47 315 iPc+    21 08.00  -2.1
         2.5s  1070.00nm          6.4mb
       Z 16s     51.10um          6.9MszX
       N 18s     26.50um
       E 18s     34.50um
                   i       23 59.00
                   iS      30 42.00
                   iPS     31 12.00
MOR8     74.58 336 eP      21 07.50  -3.0X
         1.1s   140.40nm          5.9mb
                   ePP     21 13.05
LFK      75.03 302 eP      21 13.10  -0.7
CSS      75.29 302 eP      21 14.50  -0.7
JRSJ     75.37 297 Pc      21 07.60  -8.1X
CFR      75.55 313 eP      21 15.50  -0.9
WAJH     75.67 292 ePd     21 17.00  -0.5
GPA      75.74 308 iP      21 17.10  -0.6
EYL      75.75 308 eP      21 17.10  -0.8
UPP      75.95 330 iP      21 17.30  -1.1
                   i       21 21.70
                   iS      30 58.00
HRT      76.02 309 eP      21 22.00   2.7
PPCY     76.08 302 e(P)    21 21.00   1.4
PTT      76.09 315 eP      21 22.50   3.0X
DAG      76.16 351 iPd     21 18.00  -1.4
         1.2s   104.69nm          5.8mb
       Z 19s     25.00um          6.5Msz
       N 17s     16.33um
       E 19s     19.44um
NSS      76.25 335 eP      21 20.30   0.3
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1.4s 79.50nm 5.6mb
e 21 33.12
YLV 76.31 308 eP 21 20.00 -1.0
ISK 76.36 309 eP 21 21.10 0.0
SIT 76.38 33 eP 21 20.34 -0.5
1.4s 189.39nm 6.0mb
Z 20s 12.88um 6.2Msz
LVV 76.50 319 iPd 21 21.00 -0.7
i 21 38.00
iS 31 05.00
ePS 31 33.00
eSSS 39 20.00
ISR 76.63 314 eP 21 26.00 3.4X
MLR 76.90 314 eP 21 24.00 -0.2
KHL 77.00 306 eP 21 23.50 -1.4
KCT 77.15 308 eP 21 25.10 -0.5
BUC 77.19 313 ePd 21 25.00 -0.7
BUC1 77.26 313 ePc 21 28.00 2.0
BNT 77.42 309 eP 21 27.10 0.0
EDC 77.47 309 eP 21 27.00 -0.3
CMP 77.57 314 ePc 21 34.00 6.2X
MTUR 77.57 314 eP 21 30.00 2.1
HFS 77.60 331 eP 21 26.40 -1.2
1.2s 136.40nm 5.9mb
Z 17s 145.00um 7.4MszX
LR 56 44.00
KSL 77.75 304 eP 21 28.00 -0.9
WCZ 77.90 139 eP 21 30.30 0.7
1.0s 159.00nm 6.1mb
UZH 78.00 318 eP 21 30.00 0.0
Z 18s 55.00um 6.9Msz
E 18s 43.00um
i 21 36.20
e 21 40.00
e 24 32.00
iS 31 17.00
ePS 32 05.00
eSS 36 20.00
COZ 78.01 314 eP 21 30.00 -0.4
RES 78.24 9 eP 21 30.50 -0.4
1.0s 15.00nm 5.0mb X
NB2 78.24 332 P 21 30.20 -1.0
3.3s 1206.40nm 6.4mb X
CEI 78.28 317 eP 21 36.00 4.4X
ALN 78.55 310 eP 21 32.38 -0.8
HLW 78.66 298 eP- 21 35.00 1.0
eS 31 32.00
RDO 78.81 310 eP 21 34.50 -0.1
GZR 78.99 315 ePd 21 36.00 0.3
SPC 79.01 319 eP 21 35.50 -0.3
e 31 32.30
LR 51 00.00
PRK 79.02 308 eP 21 35.50 -0.3
BSD 79.36 326 iPd 21 40.00 2.7
0.9s 85.00nm 5.8mb
KONO 79.64 331 eP 21 43.48 4.7X
MOZ 79.90 141 P 21 41.30 0.9
1.0s 199.00nm 6.0mb
AAE 80.11 275 P 21 44.00 1.5
SRS 80.17 311 eP 21 40.98 -1.0
OUR 80.21 310 eP 21 41.42 -0.8
COP 80.33 327 eP 21 45.50 3.1X
Z 18s 75.60um 7.1Msz
iS 31 49.00
SOH 80.45 310 eP 21 42.22 -1.4
BUD 80.48 318 eP 21 44.00 0.5
PAIG 80.59 310 eP 21 43.26 -1.0
KNT 80.63 311 eP 21 43.14 -1.3
MSZ 80.66 149 eP 21 44.80 0.5
BEO 80.73 315 iP 21 43.30 -1.5
SRO 80.77 318 eP 21 44.30 -0.7
eS 32 03.30
LR 53 00.00
THE 80.80 310 eP 21 43.90 -1.4
DIW 80.96 143 P 21 45.60 -0.5
BER 81.04 333 eP 21 52.00 5.8X
GRG 81.06 311 eP 21 45.70 -1.0
NPS 81.06 305 eP 21 46.80 -0.1
THZ 81.08 144 Pd 21 45.90 -0.8
ZST 81.32 319 eP 21 48.20 0.3
iPcP 21 51.70
ePP 24 55.80
e 32 36.40
LR 00 00.00
LIT 81.35 310 eP 21 46.94 -1.3
ATH 81.36 308 eP 21 50.00 1.7
e 32 00.00

TCW 81.44 143 eP 21 47.20 -1.3
BRNL 81.45 324 ePc 21 50.50 2.1
eS 32 01.00
LTZ 81.45 145 P 21 48.40 -0.2
BWZ 81.50 148 eP 21 48.70 -0.1
MUD 81.50 329 eP 21 51.00 2.4
1.0s 30.00nm 5.3mb
BRN 81.53 324 eP 21 51.00 2.1
KIW 81.56 142 P 21 48.10 -1.0
WAHZ 81.60 141 eP 21 47.80 -1.6
PUZ 81.66 138 eP 21 49.40 -0.4
MNG 81.71 142 P 21 49.40 -0.5
SNZO 81.74 143 P 21 50.00 0.0
SKS 31 18.00
S 31 54.00
TTH 81.77 140 eP 21 51.20 1.0
CAW 81.81 142 P 21 49.80 -0.6
FNA 81.83 311 eP 21 51.62 0.8
BRG 81.88 322 iP 21 53.50 2.7
1.3s 180.00nm 6.0mb
Z 17s 69.00um 7.1MszX
N 20s 55.00um
E 20s 55.00um
e 23 13.00
iS 32 05.00
eSKKP 43 37.00
eP'P' 48 31.00
SOP 81.88 319 eP 21 51.50 0.7
AGG 81.91 309 eP 21 49.26 -2.0
PRU 81.97 322 eP 21 53.30 2.0
2.2s 473.00nm 6.2mb
Z 17s 28.90um 6.7MszX
N 14s 13.20um
E 22s 56.80um
e 22 15.10
ePP 25 04.70
eS 32 10.00
PVY 82.00 313 iPd 21 51.96 0.2
PLE 82.06 314 iPd 21 52.17 0.1
MTW 82.08 142 P 21 51.20 -0.7
MOW 82.12 142 P 21 51.40 -0.7
CLL 82.19 323 iP 21 55.50 3.2X
1.7s 130.00nm 5.8mb
Z 18s 57.00um 7.0Msz
eS 32 09.00
BLW 82.21 142 P 21 52.10 -0.4
KBN 82.31 311 eP 21 51.50 -1.8
AMW 82.33 142 P 21 52.90 -0.3
YKA 82.41 23 eP 21 53.30 0.0
0.8s 37.40nm 5.6mb
Z 19s 14.28um 6.4Msz
LR 02 28.00
VLI 82.44 307 eP 21 52.00 -2.0
TTG 82.55 313 iPd 21 53.79 -0.6
NKY 82.55 314 eP 21 54.58 0.0
SDA 82.56 313 eP 21 57.00 2.6
LACI 82.60 312 eP 21 56.50 1.8
TIR 82.62 312 eP 21 57.50 2.7
LSK 82.64 311 eP 21 52.00 -3.1X
ULC 82.76 313 iPd 21 55.75 0.2
BRY 82.81 314 iPd 21 56.08 0.1
BDV 82.90 313 iPd 21 56.35 0.1
KHC 82.94 321 eP 21 56.50 0.1
1.1s 46.00nm 5.6mb
Z 16s 27.50um 6.7MszX
N 16s 21.00um
E 16s 18.50um
e 21 59.50
e 22 14.00
e 22 21.50
e 24 11.00
e 25 10.50
S 32 20.00
GEC2 83.01 321 P 21 56.30 -0.5
0.7s 22.07nm 5.4mb
e 21 59.60
e 22 02.60
e 22 06.40
e 22 18.30
PKKP 40 18.90
e 40 24.80
e 40 28.10
HCY 83.05 314 iPd 21 57.02 0.0
PTJ 83.08 317 iP 21 57.40 0.2
ZAG 83.09 317 iP 22 01.00 3.9X
IGT 83.10 310 eP 21 56.02 -1.3
KMR 83.14 320 iP- 21 56.80 -0.6

SRN 83.17 311 eP 21 59.70 2.0
VLO 83.26 311 eP 21 56.80 -1.3
MOX 83.28 323 eP 21 57.80 -0.2
2.8s 466.00nm 6.2mb
Z 18s 56.00um 7.0Msz
ePP 25 16.00
eS 32 18.00
eSS 37 42.00
WET 83.33 321 iPc 21 58.80 0.4
KEK 83.39 311 eP 22 00.00 1.2
VBY 83.70 317 ePc 22 03.10 2.8X
GRF 83.99 322 ePd 22 01.60 -0.1
Z 21s 53.20um 6.9Msz
ePPd 25 17.60
BHG 84.04 320 iPc 22 02.70 0.7
HVAR 84.05 315 iP 22 06.80 4.7X
KBA 84.09 319 iPc 22 03.30 0.8
0.9s 54.20nm 5.8mb
i 22 08.30
i 24 56.50
i 25 12.00
VOY 84.28 318 eP 22 01.80 -1.5
e 22 05.20
i 22 10.20
e 22 14.20
RIY 84.31 317 iPc 21 59.70 -3.6X
TRI 84.51 318 e(P) 22 04.00 -0.3
e 22 24.00
e(PP) 25 24.00
e(S) 32 32.00
e 33 00.00
e(SP) 33 24.00
e 34 52.00
e(SS) 38 00.00
e 39 16.00
e(SSS)41 36.00
e 42 52.00
BRT 84.63 313 P 22 04.79 -0.3
FVI 84.67 319 P 22 05.46 0.4
WIT 84.71 327 eP 22 10.50 5.3X
FUR 84.74 321 eP 22 05.60 0.1
Z 16s 43.00um 6.9MszX
eS 32 35.40
WATA 85.00 320 iPc 22 06.60 -0.4
i 22 12.50
i 25 06.50
WTTA 85.00 320 iPc 22 06.60 -0.4
1.2s 113.00nm 6.0mb
i 22 12.70
i 25 05.30
AKU 85.03 345 iP 22 11.60 5.0X
1.8s 127.27nm 5.8mb
Z 20s 55.32um 6.9Msz
i 25 28.90
WTS 85.10 326 eP 22 11.00 3.9X
1.5s 136.40nm 6.0mb
VVI 85.19 319 P 22 11.02 3.2X
MOTA 85.27 320 iPc 22 07.70 -0.6
i 22 13.80
i 25 08.50
SQTA 85.27 320 iPc 22 07.90 -0.4
1.2s 82.90nm 5.8mb
i 22 13.90
i 25 07.90
BNS 85.49 325 iPd 22 10.20 1.1
Z 17s 110.00um 7.3MszX
ORI 85.52 312 P 22 12.43 2.9X
OGA 85.56 320 iPc 22 09.90 0.0
CTI 85.62 319 P 22 12.60 2.6
FG4 85.63 313 P 22 13.72 3.7X
DBN 85.87 326 eP 22 14.00 3.0X
Z 18s 47.90um 6.9Msz
ePP 25 23.00
eSKS 32 38.00
eS 32 48.00
ePPS 34 11.00
eSS 38 40.00
SGO 86.05 313 P 22 03.41 -8.7X
NAI 86.06 267 ePKP- 22 16.00 3.1X
iPKKP 32 44.00
DUI 86.07 314 P 22 16.14 3.8X
MGR 86.08 312 P 22 14.90 2.6
ARV 86.13 316 P 22 17.25 4.7X
GRI 86.13 311 P 22 15.60 3.0X
HOFF 86.19 323 P 22 16.49 3.8X
RSM 86.22 317 P 22 15.40 2.5
LANF 86.26 323 P 22 16.49 3.5X

05d 01h

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ENN    86.26 325 eP     22 16.00   3.1X
       1.0s    40.00nm          5.6mb
SRBF   86.27 323 P      22 16.94   3.9X
AQU    86.41 315 P      22 15.06   1.1
GDH    86.45 358 iPc    22 14.00   0.5
       1.0s    24.00nm          5.4mb
                 i      22 32.00
                 e      25 34.00
                 i      32 50.00
STR    86.50 323 P      22 17.18   3.0X
SAL    86.52 319 P      22 17.82   3.5X
ASS    86.52 316 P      22 20.04   5.5X
RFI    86.56 314 P      22 19.20   4.6X
SFI    86.59 317 P      22 17.01   2.3
PGD    86.70 317 P      22 20.30   4.8X
PAF    86.72 211 eP     22 24.00   9.0X
                 iS     33 00.00
SOI    86.73 310 P      22 16.45   0.9
FEL    86.75 322 P      22 18.54   2.9X
WLF    86.77 324 iPc    22 17.21   1.8
GMB    86.82 311 P      22 09.21  -7.0X
WLS    86.82 323 P      22 19.00   3.1X
LIBD   86.83 322 P      22 19.00   3.2X
MNS    86.86 316 P      22 19.72   3.6X
CDF    86.86 323 eP     22 15.00  -1.1
       1.2s    97.30nm          5.9mb
MDI    86.91 320 P      22 18.93   2.7
ECH    87.04 323 P      22 19.70   2.8
UCC    87.05 326 P      22 19.00   2.2
                 S      32 48.00
MCW    87.06  37 eP     22 17.34   0.3
SNF    87.26 326 iPc    22 18.71   0.9
MOF    87.26 322 P      22 21.06   3.0X
BBS    87.26 322 P      22 20.82   2.8
DOU    87.34 325 P      22 18.90   0.7
                 S      32 49.00
VAI    87.42 320 P      22 20.88   2.2
BSF    87.46 322 P      22 21.73   2.7
BSF    87.46 322 eP     22 17.50  -1.5
       1.8s   172.65nm          6.0mb
ONR    87.55  39 P      22 20.61   1.3
HAU    87.61 323 eP     22 18.10  -1.5
       1.6s    94.55nm          5.8mb
    Z  19s     38.00um          6.8Msz
LOMF   87.71 322 P      22 22.19   2.0
GMW    87.73  38 ePc    22 20.94   0.7
EKA    87.73 332 P      22 22.00   2.0
       2.7s    24.10nm          5.0mb X
ESK    87.76 332 (P)    22 20.30   0.1
JCW    87.83  37 P      22 21.40   0.7
ORO    88.01 320 P      22 25.59   3.9X
BMW    88.08  39 ePc    22 22.55   0.6
PCP    88.28 319 P      22 24.33   1.4
RMW    88.32  37 ePc    22 22.96  -0.2
LSD    88.59 320 P      22 24.65   0.0
RAR    88.65 114 eP     22 28.21   3.3X
       1.8s   743.58nm          6.7mb
FIN    88.66 319 P      22 25.20   0.4
RSP    88.70 320 P      22 25.11   0.1
FMW    88.70  38 P      22 25.64   0.5
LON    88.73  38 ePc    22 25.39   0.3
LPG    88.80 320 eP     22 24.60  -1.2
       1.2s    62.80nm          5.8mb
LPL    88.80 320 eP     22 24.40  -1.3
       1.0s    48.20nm          5.7mb
SHW    88.81  39 eP     22 26.60   1.0
ROB    88.81 319 P      22 24.51  -1.0
PGF    89.09 317 P      22 30.62   3.7X
COR    89.10  40 ePc    22 28.14   1.3
RRL    89.11 320 P      22 24.10  -3.1X
WTV    89.20  37 P      22 27.49   0.2
ASR    89.20  38 P      22 28.17   0.7
RNO    89.22  41 P      22 28.77   1.3
AUTN   89.25 319 P      22 32.43   4.6X
SBF    89.32 319 P      22 30.38   2.4
EBG    89.33  37 P      22 28.74   0.8
LOR    89.40 323 eP     22 26.50  -1.7
       1.2s    44.65nm          5.6mb
    Z  20s     29.00um          6.7Msz
SSOR   89.44  40 P      22 29.32   0.7
SAW    89.50  36 P      22 28.91   0.2
LBF    89.51 323 eP     22 27.00  -1.8
       1.6s   179.75nm          6.1mb
SSF    89.72 323 eP     22 28.30  -1.4
       1.3s    50.90nm          5.6mb
SMF    89.78 323 eP     22 28.40  -1.6
       1.3s   146.55nm          6.1mb
VBEM   89.83  39 P      22 30.99   0.5
FRF    89.96 319 eP     22 29.30  -1.6
       1.4s    82.35nm          5.8mb
DBO    89.96  42 P      22 31.78   0.8
AVF    89.97 323 eP     22 29.30  -1.5
       1.6s   171.65nm          6.0mb
WAH2   89.98  37 P      22 31.68   0.8
VGB    90.03  39 ePc    22 32.24   1.0
DPW    90.04  36 ePc    22 30.67  -0.6
HYF    90.07 324 eP     22 30.40  -0.9
LMR    90.17 319 eP     22 30.40  -1.4
       1.4s   109.35nm          5.9mb
LRG    90.19 319 eP     22 30.80  -1.1
       1.6s   219.55nm          6.2mb
SSB    90.20 321 P      22 34.43   2.4
CROR   90.22  39 P      22 32.79   0.6
PLDF   90.31 322 P      22 32.37  -0.2
NEW    90.36  35 ePc    22 33.27   0.6
       1.3s   306.40nm          6.4mb
    Z  21s     11.36um          6.3Msz
BGF    90.39 323 eP     22 31.20  -1.6
       1.5s    67.40nm          5.7mb
AGO    90.53 322 P      22 31.44  -2.1
COLF   90.54 322 P      22 34.81   1.2
DLF    90.57 332 eP     22 37.00   3.5X
JBO    90.60  38 P      22 34.40   0.6
ARC    90.70  44 eP     22 35.76   1.5
       1.6s   900.00nm          6.8mb
VIPM   90.72  39 P      22 35.27   0.7
MAF    90.74 323 eP     22 33.50  -1.0
       1.6s   211.45nm          6.2mb
PYM    90.78 322 P      22 32.75  -2.0
DCN    90.85 332 eP     22 37.00   2.2
TCF    90.90 323 eP     22 34.10  -1.1
       1.6s   143.05nm          6.0mb
CSY    90.93 185 iPc    22 35.40   0.9
       1.0s    20.10nm          5.4mb
                 epP    22 53.50  64kmX
KMPM   90.93  44 eP     22 35.71   0.2
YBH    91.07  43 ePc    22 37.01   0.9
       1.7s   660.00nm          6.7mb
    Z  18s      7.00um          6.1Msz
                 epP    23 19.62 169kmX
                 eSKS   32 52.62
                 eS     33 16.62
                 eLQ    46 39.62
                 eLR    52 08.62
LNOR   91.22  37 P      22 37.36   0.7
LSF    91.29 323 eP     22 35.50  -1.5
       1.6s    86.45nm          5.8mb
FRB    91.66   5 eP     22 37.50  -0.7
       1.0s    20.00nm          5.4mb
LBFM   91.80  43 ePc    22 40.30   0.6
CAF    91.81 322 eP     22 38.80  -0.6
       1.7s   252.90nm          6.3mb
WDC    91.83  43 eP     22 40.00   0.4
       1.9s   448.00nm          6.5mb
    Z  20s      6.70um          6.1Msz
RJF    91.89 322 eP     22 39.00  -0.7
       1.5s   278.90nm          6.4mb
    Z  21s     25.00um          6.6Msz
DRV    91.92 173 iP     22 40.00   0.9
                 ePP    26 02.00
                 SP     34 05.00
                 eSS    39 24.00
MFF    91.98 324 eP     22 39.10  -1.0
       1.6s   131.85nm          6.1mb
LPO    92.45 322 eP     22 41.70  -0.6
       1.7s   184.55nm          6.2mb
LFF    92.54 323 eP     22 42.00  -0.7
       1.6s   174.75nm          6.2mb
NTYM   93.00  45 eP     22 45.04   0.1
ORV    93.07  44 ePc    22 44.95  -0.4
       1.6s   370.00nm          6.5mb
    Z  18s      7.00um          6.2Msz
                 eS     33 24.36
                 eLQ    48 31.36
                 eLR    53 14.36
VAL    93.12 333 P      23 05.00  19.8X
BKS    93.57  46 ePc    22 47.91   0.3
       1.9s   470.00nm          6.6mb
JEGM   93.62  46 (P)    22 49.37   1.5
HMR    93.69  45 eP     22 52.79   4.7X
MHC    94.26  46 eP     22 51.09   0.1
       1.9s   540.00nm          6.6mb
COE    94.29  46 eP     22 50.64  -0.3
ARN    94.32  46 eP     22 51.35   0.2
CMB    94.67  45 ePc    22 52.41  -0.3
       1.5s   280.00nm          6.5mb
    Z  19s      6.00um          6.1Msz
                 ec     22 54.23
                 eS     33 36.31
                 eLQ    49 42.31
                 eLR    54 07.31
SAO    94.72  46 ePc    22 52.76  -0.2
       1.9s   220.71nm          6.2mb
    Z  19s      7.66um          6.2Msz
KVN    95.49  43 eP     22 57.21   0.5
MMPM   95.78  44 eP     22 58.91   0.7
MLAC   95.89  44 ePc    22 59.39   0.7
PHAM   95.94  46 eP     22 58.59   0.0
PKEM   96.00  46 eP     22 59.71   0.9
BONR   96.03  44 eP     22 59.72   0.4
MRCM   96.08  44 eP     23 00.27   0.8
HHAI   96.11  37 eP     23 01.97   2.6
MTUM   96.23  44 eP     23 00.62   0.5
PTI    96.39  37 eP     23 02.33   1.6
BCH    96.53  47 eP     23 01.65   0.3
TNP    96.63  43 eP     23 02.22   0.3
       1.0s    59.91nm          6.1mb
HVU    96.90  38 ePc    23 03.45   0.5
ABL    97.30  47 ePd    23 05.56   0.6
ISA    97.31  46 ePc    23 03.53  -1.3
       1.0s    29.67nm          5.8mb
    Z  21s      9.10um          6.2Msz
                 ed     23 09.41
DUG    97.92  39 eP     23 07.90   0.3
       1.8s   126.16nm          6.3mb
    Z  21s     11.79um          6.4Msz
TPNV   97.94  43 eP     23 07.65  -0.1
TPO    97.94  46 e(PKP)23 04.00  -3.7X
BW06   97.97  36 eP     23 06.22  -1.7
       1.5s    31.31nm          5.7mb
SNCC   98.05  48 (P)    23 06.42  -1.7
                 epPc   23 09.73  10kmX
ULM    98.39  23 eP     23 11.00   1.7
GSC    98.61  45 ePDIFc23 10.61  -0.1
DAU    98.66  38 eP     23 11.12   0.0
CSP    98.86  46 eP     23 12.87   1.0
PAB    98.91 321 eP     23 13.97   2.0
ARUT   99.13  41 eP     23 14.25   1.1
PEC    99.24  46 eP     23 13.23  -0.3
       1.6s    94.72nm          6.2mb
EMUT   99.32  38 eP     23 14.80   0.7
MSU    99.41  40 ePc    23 15.02   0.5
RSSD   99.79  32 eP     23 15.61  -0.5
       1.8s   167.01nm          6.3mb
PFO    99.88  46 ePDIF  23 16.58   0.0
SRU    99.96  39 eP     23 16.62  -0.3
PV09  101.17  38 ePdiff23 23.05   0.7
GLA   101.29  46 ePdiff23 23.18   0.5
PV10  101.31  38 ePdiff23 23.41   0.5
PV08  101.39  38 ePdiff23 24.14   0.7
GOL   102.38  35 ePdiff23 28.79   1.1
       1.6s    33.85nm          5.8mb
    Z  21s     17.56um          6.6Msz
GLD   102.42  35 ePdiff23 30.33   2.6X
       1.8s    52.85nm          5.9mb
    Z  21s     12.85um          6.4Msz
SLR   103.30 248 ePdiff23 29.00  -3.0X
       1.0s    50.00nm          6.2mb
                 e      27 10.00
TUC   104.37  44 ePdiff23 38.18   1.7
    Z  21s     13.73um          6.5Msz
KSR   104.52 248 ePdiff23 30.00  -7.4X
                 e      27 55.20
ALQ   105.19  40 ePdiff23 41.28   1.0
       2.0s    41.00nm          6.0mb
ALQ   105.19  40 ePKP   27 57.91   3.2X
    Z  19s     11.54um          6.4Msz
SBA   105.45 171 ePKP   28 03.00   9.3X
BOSA  106.68 246 ePdiff23 44.40  -2.3X
                 e      27 52.70
ACO   107.86  34 iPdiff23 55.10   3.3X
CBM   108.32   7 PKP    28 10.00  10.1X
    Z  19s     19.66um          6.7Msz
WMOK  109.56  35 PKP    28 10.00   7.3X
    Z  20s     16.95um          6.6Msz
SLM   110.34  26 PKP    28 10.00   6.0X
    Z  20s      9.56um          6.4Msz
LBNH  110.42  11 PKP    28 10.00   6.0X
    Z  19s     17.53um          6.7Msz
YSNY  110.73  16 PKP    28 10.00   5.3X
    Z  20s     20.14um          6.7Msz
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FVM   110.82  27 PKP    28 10.00   5.0X
    Z  19s    28.39um           6.9Msz
LTX   110.84  42 ePKP   28 04.27  -1.1
BINY  111.60  14 ePKP   28 05.59  -0.7
    Z  21s    23.06um           6.7Msz
HRV   112.17  11 PKP    28 20.00  12.6X
    Z  20s    17.85um           6.6Msz
MIAR  112.30  31 Pdiff  23 51.90 -19.7X
    Z  20s    15.56um           6.6Msz
MIAR  112.30  31 PKP    28 20.00  12.1X
    Z  20s    15.56um           6.6Msz
LSCT  112.67  12 PKP    28 20.00  11.6X
    Z  21s    25.74um           6.8Msz
TBR   112.99  13 ePKP   28 09.47   0.5
MCWV  113.01  18 PKP    28 20.00  10.9X
    Z  20s    24.45um           6.8Msz
SPA   114.36 180 ePKP   28 11.00  -0.1
       0.8s    1.25nm
MYNC  115.81  24 PKP    28 20.00   5.3X
    Z  19s    16.36um           6.7Msz
CEH   116.73  19 ePKP   28 14.93  -1.4
    Z  20s    16.83um           6.7Msz
SGS   118.77  21 ePKP   28 20.80   0.5
MRX   119.24  48 (PKP)  28 25.00   3.5X
KIC   119.67 293 PKP    28 22.77   0.2
       0.9s   17.00nm
TIC   119.75 294 PKP    28 22.75   0.0
       1.0s   15.00nm
LIC   119.98 293 PKP    28 23.25   0.1
       1.3s   34.00nm
    Z  20s    12.00um           6.5Msz
III   121.32  47 (PKP)  28 29.50   3.7X
PPM   121.39  46 (PKP)  28 27.00   0.7
OXX   124.07  46 (PKP)  28 33.00   1.8
FDF   140.88   5 ePKP   29 06.50   3.8X
TCE   144.83   6 ePKP   29 06.54  -3.0X
TRN   144.91   6 ePKP   29 07.62  -2.0X
TBH   145.10   5 ePKP   29 10.98   1.0
TPP   145.23   6 ePKP   29 07.39  -2.8X
BMG   145.38  27 iPKPc  29 10.00  -0.7
BOG   147.13  30 iPKPc  29 18.00   4.2X
ITR   155.55 306 ePKP   29 24.90  -0.9
XIN   155.56 304 ePKP   29 25.70  -0.1
NNA   158.31  58 ePKP   29 32.05   2.8X
       1.0s   25.00nm
                 ePKPab30 02.17
ARE   165.12  60 ePKP   29 41.00   4.6X
PEL   166.02 131 iPKPd  29 39.60   3.3X
                 i      30 38.00
BAO   167.04 311 ePKP   29 38.20   0.5
                 e      30 46.30
BDFB  167.06 311 ePKP   29 37.53  -0.1
                 ePKPab30 46.47
LPAZ  167.54  51 iPKP   29 41.25   2.6X
                 ePKPab30 39.52
LPB   167.72  52 PKPc   29 39.40   0.9
                 i      30 47.10
                 LR     27 27.00
CCH   169.67  48 PKP    29 42.00   2.4X
VAO   169.70 276 (PKP)  29 42.00   2.8X
SIV   171.08  19 PKP    29 39.90  -0.1
MOCB  172.33  66 PKP    29 41.80   0.9
   S.D. = 1.2  on 421 of 528 obs.
--------------------------------------
? JUN 05, 1994  01h 20m 02.84± 0.60s
  42.414 N ±12.4km    43.064 E ±16.6km
  DEPTH =  33.0km  (normal)
  4.3mb (  4 obs.)
 NORTHWESTERN CAUCASUS            (362)

TAB     5.01 149 eP     21 27.00   9.2X
NUR    21.31 335 eP     24 47.80  -0.8
GEC2   21.43 298 P      24 50.40   0.3
       0.8s    5.04nm           4.0mb
                 e      24 55.20
KAF    22.10 339 eP     24 57.20   0.6
       0.9s   23.80nm           4.6mb
HFS    25.21 325 eP     25 26.60  -0.1
       0.5s    3.90nm           4.3mb
NB2    26.72 325 P      25 41.40   0.6
       0.8s    6.30nm           4.3mb
HYB    39.14 119 eP     27 31.00   1.9
GBA    41.29 124 P      27 45.00  -1.8
WIN    68.96 206 eP     31 07.00   0.0
KSR    69.56 196 eP     31 10.00  -0.5
JAQ    70.76 327 eP     31 16.50  -0.9
BOSA   72.52 196 eP     31 28.70   0.6

   S.D. = 1.1  on  11 of  12 obs.
--------------------------------------
? JUN 05, 1994  01h 22m 05.68± 1.04s
  39.009 N ± 9.7km    27.989 E ±12.7km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                           (366)
     ML 2.8 (ISK).

DST     0.78  40 ePg    22 19.80  -1.0
                 eSg    22 32.30
IZM     0.83 223 ePg    22 21.60  -0.2
                 eSg    22 34.10
KCT     1.27  13 ePn    22 30.10   0.8
KHL     1.38 119 ePn    22 31.50   0.4
   S.D. = 1.4  on   4 of   4 obs.
--------------------------------------
  JUN 05, 1994  01h 45m 02.16± 0.20s
  10.349 S ± 4.2km   113.398 E ± 5.3km
  DEPTH =  25.9km  (  9 depth phases)
  5.8mb ( 62 obs.)
 SOUTH OF JAWA, INDONESIA         (282)
     Mw 6.1 (HRV).
     CENTROID, MOMENT TENSOR     (HRV)
     Data Used: GDSN
     L.P.B.: 40S, 72C  M.W.: 14S, 18C
     Centroid Location:
     Origin Time         01:45: 9.2 0.5
     Lat 10.27S 0.03 Lon 113.60E 0.04
     Dep  15.0 BDY Half-duration  2.2
     Moment Tensor;    Scale 10**18 Nm
       Mrr=-1.05 0.03  Mtt= 0.90 0.02
       Mff= 0.14 0.04  Mrt= 0.82 0.11
       Mrf=-0.58 0.10  Mtf=-0.24 0.03
      Principal Axes:
       T  Val=  1.36   Plg=22  Azm= 22
       N        0.13        8       115
       P       -1.48       66       225
     Best Double Couple:Mo=1.4*10**18
       NP1:Strike= 96 Dip=24 Slip=-111
       NP2:       299     68      -81

MKS     7.88  50 ePc    46 58.70   0.6
NANU   12.31 171 iPc    47 51.70  -7.1X
MBL    12.40 151 eP     47 42.10 -17.9X
TSM    15.21  17 eP     48 43.00   6.0X
KGM    15.86 320 ePd    48 47.20   1.8
                 e      48 59.00
KNA    15.90 111 eP     48 42.00  -4.0X
KKM    16.53  10 ePc    48 53.00  -1.0
MEEK   16.94 164 eP     48 53.30  -5.8X
       0.3s  119.00nm           5.5mb
                 eS     51 49.00
MTN    17.55 100 eP     49 05.00  -1.7
       0.4s  146.00nm           5.5mb
                 eS     52 08.50
TNE    17.75  52 eP     49 13.60   4.4X
MRWA   18.93 173 iPd    49 18.40  -5.3X
       0.3s   47.00nm           5.2mb
                 eS     52 36.00
IPM    19.28 320 ePd    49 27.50  -0.6
       0.7s   73.70nm           5.1mb
SWI    20.10  63 ePc    49 36.00  -0.9
WARB   20.13 143 eP     49 35.00  -2.2
BAL    20.39 172 eP     49 37.00  -2.9
       0.4s  118.00nm           5.6mb
                 e      49 43.00  22km
                 eS     53 07.00
CTB    20.48  32 ePc    49 41.00   0.1
PPR    20.69  15 iPd    49 43.00   0.0
DAV    21.14  35 ePd    49 49.20   1.5
                 eS     53 42.00
KLB    21.52 170 eP     49 49.40  -2.0
       0.5s   82.00nm           5.4mb
                 e      49 56.50  26km
                 eS     53 34.00
SNG    21.57 323 eP     49 50.50  -1.4
       1.1s  202.53nm           5.5mb
                 eS     53 30.00
COOL   21.66 162 eP     49 48.00  -4.9X
                 e      49 54.00  22km
                 eS     53 37.00
MUN    21.68 174 eP     49 50.00  -3.0X
       1.0s  400.00nm           5.8mb
    Z  20s    41.20um           5.8Msz
                 e      49 58.00  29km
                 eS     53 40.00
CGP    21.80  31 eP     49 58.00   3.7X

WRA    22.33 118 P      50 14.89  15.3X
WB2    22.34 118 iPc    49 58.10  -1.6
       0.5s  148.60nm           5.7mb
                 eS     54 00.00
BIP    22.45  35 eP     50 02.80   2.0
NWAO   22.75 172 eP     50 01.90  -1.7
       0.5s   39.00nm           5.2mb
                 eS     54 00.00
MAP    23.08  27 eP     50 05.00  -1.9
ASPA   23.62 127 P      50 12.30   0.1
       0.6s  221.40nm           5.9mb
PLP    24.28  29 eP     50 18.80   0.2
RKG    24.33 173 eP     50 19.00   0.0
FORT   24.47 148 eP     50 19.50  -0.9
       0.6s  101.00nm           5.6mb
PGP    24.85  18 ePc    50 25.00   0.8
QCP    25.97  17 eP     50 36.00   1.4
NNT    26.52 329 iPd    50 40.40   0.7
BAG    27.52  15 eP     50 51.70   2.7
NST    29.00 333 eP     51 02.50   0.3
LOE    29.89 337 eP     51 09.00  -1.2
BDT    30.89 332 eP     51 18.50  -0.5
       0.8s  171.30nm           5.9mb
CHTO   32.29 334 iPc    51 31.00  -0.3
       1.3s  245.10nm           6.0mb
HKC    32.46   1 iP     51 32.90   0.2
CTA    33.09 111 iPc    51 37.00  -1.3
       1.9s  263.16nm           5.8mb
                 i      51 43.00  21km
PMG    33.27  91 eP     51 45.00   5.1X
ADE    33.66 141 e(P)   51 42.10  -1.0
KMI    36.76 344 ePd    52 10.60   0.8
       1.4s  540.00nm           6.2mb
    N  14s    28.10um
    E  14s    19.90um
                 pP     52 22.60  44kmX
GUMO   39.25  53 eP     52 28.60  -2.0
       0.8s  369.20nm           6.2mb
                 e      52 34.70  21km
PJG    39.25  53 eP     52 28.50  -2.1
GUA    39.26  53 eP     52 29.30  -1.4
       0.7s  224.66nm           6.0mb
TOO    39.58 139 iPc    52 34.10   0.9
       1.3s  230.00nm           5.8mb
BWA    39.96 132 eP     52 38.00   1.7
                 e      54 16.60 556kmX
ARMA   40.75 125 iPc    52 44.30   1.3
       0.8s   76.00nm           5.5mb
CAN    40.80 133 eP     52 43.50   0.2
                 e      54 19.70 531kmX
CNB    41.06 133 eP     52 45.00  -0.4
       1.3s   78.00nm           5.3mb
                 e      54 25.00 563kmX
RIV    41.72 130 eP     52 51.00   0.3
    Z  18s     0.27um          4.2MszX
                 ePP    54 28.00
                 e      02 16.00
GBA    42.89 303 Pc     52 59.00  -1.5
       0.8s    8.00nm          4.5mb X
TAU    43.87 144 eP     53 10.00   1.9
HYB    44.12 308 eP     53 09.50  -1.0
       0.8s   92.30nm           5.7mb
ODAN   44.78 326 P      53 14.97  -1.0
       0.6s  140.00nm           6.1mb
TAPN   45.00 327 P      53 17.29  -0.5
       0.7s  125.00nm           6.0mb
RAMN   45.29 326 P      53 19.13  -0.9
       0.7s   82.00nm           5.8mb
JIRN   46.07 326 P      53 25.67  -0.7
       0.6s  247.00nm           6.3mb
GUN    46.44 326 P      53 28.49  -0.7
       0.7s  327.00nm           6.4mb
PKI    46.44 325 P      53 27.83  -1.4
       0.7s   83.00nm           5.8mb
DMN    46.64 325 P      53 29.53  -1.2
       0.7s  244.00nm           6.3mb
KKN    46.68 325 P      53 29.75  -1.2
       0.7s  140.00nm           6.0mb
GKN    47.21 325 P      53 33.81  -1.3
       0.5s  104.00nm           6.1mb
KOLN   47.63 323 P      53 37.07  -1.4
       0.6s  250.00nm           6.5mb
DANN   47.97 324 P      53 39.73  -1.5
       0.6s  321.00nm           6.5mb
PYUN   48.24 323 P      53 41.55  -1.7
       0.7s  125.00nm           6.1mb
POO    48.44 306 eP     53 46.00   1.3
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05d  01h

BJI    50.20   3 eP     53 56.00  -1.8
       1.5s    71.00nm         5.5mb
     N 12s      7.39um
DZM    52.02 110 iPc    54 17.60   5.5X
NDI    52.22 319 eP     54 10.00  -3.4X
VLA    55.83  16 iPd    54 39.00  -0.6
       2.5s   926.00nm         6.4mb
                 i      54 48.00  29km
                 i      54 54.00
CSY    55.90 181 eP     54 39.20  -0.6
       0.9s    18.00nm         5.1mb
                 epP    54 51.30  42kmX
MRW    61.74 131 eP     55 19.00  -1.9
CIT    62.09   0 eP     55 23.00   0.0
YSS    62.82  22 iPc    55 25.60  -2.2
       1.2s    80.00nm         5.7mb
                 e      55 36.30  35km
                 e      56 01.20
IRK    62.86 354 eP     55 27.00  -1.0
VUN    63.28 105 eP     55 27.90  -3.5X
MAW    66.14 199 eP     55 49.00  -0.1
       1.1s    73.30nm         5.7mb
MAIO   68.71 316 eP     56 05.00  -1.0
ASH    70.35 317 eP     56 15.00  -0.8
       2.4s  1560.00nm         6.7mb
SKR    71.19  27 eP     56 20.00  -0.7
       1.0s   120.00nm         6.0mb
                 e      56 29.00  29km
YAK    73.26   8 eP     56 30.90  -1.8
       1.9s   878.00nm         6.5mb
                 eS     05 54.00
SYO    74.64 201 ePd    56 38.50  -2.2
KER    76.88 309 ePc    56 52.10  -2.1
TAB    78.87 312 eP     57 05.00  -0.1
SPA    79.71 180 iPd    57 08.60  -0.6
       1.1s    22.62nm         5.1mb
     Z 17s      5.56um         6.0MszX
SLR    81.22 245 iPd    57 18.50   0.6
       1.5s   140.00nm         5.8mb
     Z 20s     43.30um         6.8Msz
GRO    81.37 317 iPc    57 20.00   1.9
       2.0s   360.00nm         6.1mb
                 eS     07 25.00
KSR    82.44 245 iPd    57 24.70   0.4
       0.9s    50.00nm         5.6mb
BLF    82.63 242 eP     57 26.00   0.8
       0.7s     3.00nm         4.5mb X
FRS    83.29 241 eP     57 32.10   3.7X
BOSA   83.37 242 eP     57 30.50   1.7
PYA    83.39 317 eP     57 29.00   0.4
       2.0s   220.00nm         6.0mb
                 eS     07 48.00
LBTB   83.72 246 eP     57 30.88   0.0
       1.0s    77.79nm         5.9mb
SOC    85.51 316 eP     57 39.00  -0.2
       2.0s   300.00nm         6.2mb
ADK    86.02  36 eP     57 42.30   0.8
       0.2s    18.20nm         6.0mb
LFK    87.76 306 eP     57 51.10   0.6
CER    87.78 237 eP     57 33.00 -17.6X
       0.5s    25.00nm
POF    87.97 241 iPc    57 56.00   4.5X
       0.5s    12.00nm         5.5mb
WIN    91.81 247 eP     58 12.00   2.1
       1.5s    80.00nm         5.9mb
     Z 20s     33.30um         6.8Msz
BCAO   95.56 273 iPc    58 31.40   4.3X
       0.9s    22.00nm         5.6mb
                 i      01 10.00 770kmX
SDN    96.22  35 eP     58 26.50  -2.6X
       0.9s   121.20nm         6.4mb
KAF    97.70 332 eP     58 35.30  -0.4
       0.8s    12.90nm         5.5mb
NUR    98.31 330 iP     58 39.80   1.4
TTA    99.40  28 eP     58 43.88   0.4
       1.1s     7.53nm         5.1mb
SVW    99.45  29 eP     58 43.18  -0.5
       0.6s     5.77nm         5.3mb
IMA   100.57  24 ePdiff58 49.69   0.9
       0.8s     2.35nm         4.8mb
KDC   100.86  33 ePdiff58 55.70   5.6X
       0.3s     3.10nm         5.3mb
SLKM  102.08  30 ePdiff58 54.72  -0.8
PMR   102.59  29 ePdiff59 01.20   3.5X
       0.4s     1.30nm         5.0mb
HFS   103.74 329 ePdiff59 04.90   2.1X
       0.9s     7.90nm         5.5mb

TOA   103.96  28 ePdiff59 05.80   1.9
       1.3s    24.20nm         5.9mb
GEC2  104.09 318 ePdiff59 07.80   3.0X
       0.6s     0.33nm         4.3mb X
                 e      59 15.80
                 e      02 49.40
                 e      02 53.30
                 e      02 58.10
                 e      03 24.90
                 e      03 30.30
                 e      03 33.10
KLU   104.13  29 ePdiff59 04.08  -0.6
BALM  105.89  29 ePdiff59 12.35  -0.2
INK   108.01  21 ePKP   03 35.00   6.4X
LPG   108.97 315 ePKP   03 41.70  10.1X
       1.0s     7.60nm
LPL   108.98 315 ePKP   03 41.40   9.9X
       0.6s     4.05nm
LBF   110.74 316 ePKP   03 40.30   5.7X
       1.0s     7.20nm
LOR   110.78 317 ePKP   03 37.10   2.5X
       1.2s     9.80nm
SSF   111.05 316 ePKP   03 37.00   1.9
       1.2s    14.90nm
BGF   111.56 316 ePKP   03 37.10   1.0
       0.7s     6.05nm
RES   113.72   8 ePKP   03 42.00   2.6X
       0.9s     2.00nm
BTH   114.21 313 e(PKP)03 40.00  -1.3
                 pP'df 03 59.00
KIC   118.74 272 PKP    03 53.07   2.3X
       0.7s     9.50nm
LIC   119.00 271 PKP    03 52.93   1.7X
       0.7s    10.50nm
TIC   119.06 272 PKP    03 53.53   2.2X
       0.9s    13.50nm
GMW   120.15  41 ePKP   03 53.75   1.3
BMW   120.20  42 ePKP   03 54.74   2.1
RMW   120.81  40 ePKP   03 55.78   2.0X
SHW   120.94  42 ePKP   03 56.91   2.7X
LON   121.04  41 ePKP   03 57.76   3.5X
KMPM  121.25  49 ePKP   03 57.44   2.6X
LBFM  122.64  47 ePKP   03 58.94   1.3
DPW   122.92  39 ePKP   04 01.32   3.5X
JEGM  123.18  52 ePKP   04 01.47   2.9X
ORV   123.41  49 ePKP   03 59.91   1.0
COE   123.86  52 ePKP   04 02.66   2.7X
ARN   123.94  52 ePKP   04 02.47   2.3X
PHAM  125.19  53 ePKP   04 05.99   3.4X
PKEM  125.36  53 ePKP   04 05.73   2.9X
BCH   125.59  54 ePKP   04 06.21   2.7X
KVN   126.08  49 ePKP   04 06.59   2.1X
ABL   126.36  54 ePKP   04 07.74   2.6X
FRB   126.67   1 ePKP   04 06.50   2.0
       1.0s     4.00nm
CSP   127.98  54 ePKP   04 10.58   2.4X
TPNV  128.11  51 PKP    04 20.00  11.6X
     Z 20s   1435.47um         8.7MszX
GSC   128.16  53 ePKP   04 10.89   2.5X
PEC   128.25  55 ePKP   04 10.94   2.4X
PTI   128.73  42 ePKP   04 12.31   3.0X
HVU   128.91  44 ePKP   04 12.21   2.5X
DUG   129.52  46 ePKP   04 12.60   1.7
ARUT  129.95  49 ePKP   04 14.26   2.4X
DAU   130.52  45 ePKP   04 15.80   2.8X
BW06  130.62  41 ePKP   04 14.33   1.3
MSU   130.62  48 ePKP   04 15.65   2.5X
EMUT  131.07  45 ePKP   04 17.11   3.1X
SRU   131.57  46 ePKP   04 17.25   2.4X
PV09  132.81  46 ePKP   04 20.56   3.1X
PV10  132.93  46 ePKP   04 20.07   2.5X
PV08  133.12  46 ePKP   04 20.34   2.3X
RSSD  133.36  37 ePKP   04 20.54   2.4X
ULM   133.46  26 ePKP   04 22.00   4.2X
GOL   134.86  43 ePKP   04 22.58   1.3
GLD   134.94  43 ePKP   04 23.93   2.7X
JAQ   136.05   8 ePKP   04 23.50   0.8
UFRS  137.16 200 (PKP)  04 16.00  -9.5X
ACO   140.61  43 iPKPc  04 28.20  -3.5X
VAO   141.68 210 (PKP)  04 33.00  -1.0
MEO   142.03  45 iPKPc  04 32.50  -1.8
TUL   143.28  41 iPKPc  04 36.40   0.1
CBM   143.52   2 ePKP   04 34.45  -1.9
     Z 20s      4.69um         6.3Msz
AGX   143.93  67 (PKP)  04 39.00   1.2
GAC   143.96  11 ePKP   04 35.00  -2.1X
LMN   144.59 358 ePKP   04 37.00  -1.2

       0.8s    17.00nm
TYS   144.68  33 ePKP   04 37.95  -0.6
ELF   144.86  19 PKP    04 37.60  -1.2
ACTO  144.86  17 PKP    04 38.20  -0.6
WLVO  145.02  15 PKP    04 38.67  -0.3
LDN   145.04  19 PKP    04 38.40  -0.7
DLA   145.08  19 PKP    04 38.80  -0.3
FVM   145.15  34 ePKP   04 39.04  -0.4
XIN   145.27 236 ePKP   04 45.60   5.3X
MRX   145.39  70 (PKP)  04 42.00   1.7
TYNO  145.39  17 PKP    04 39.87   0.2
STCO  145.48  16 PKP    04 40.00   0.2
MIAR  145.55  41 ePKP   04 40.83   0.6
LBNH  145.92   7 ePKP   04 42.04   1.5
     Z 21s      3.46um         6.1Msz
DON   146.00  34 ePKP   04 41.75   0.9
ITR   146.13 237 ePKP   04 41.30  -0.5
                 i      04 43.50
YSNY  146.33  16 ePKP   04 42.60   1.3
GRT   146.94  35 ePKP   04 44.22   1.8
MFTN  147.03  35 ePKP   04 44.00   1.5
ACX   147.07  75 (PKP)  04 46.50   3.4X
III   147.22  72 (PKP)  04 45.50   1.9
BINY  147.22  13 ePKP   04 45.03   2.3X
UNM   147.32  70 (PKP)  04 46.00   2.2X
HRV   147.67   7 ePKP   04 44.32   0.9
                 ePKPbc04 47.06
PPM   147.88  71 (PKP)  04 48.00   2.9X
IIT   148.19  71 (PKP)  04 43.50  -1.7
LSCT  148.25   9 ePKP   04 45.97   1.6
BDFB  148.29 216 ePKP   04 46.69   1.4
                 ePKPbc04 50.01
MCWV  148.52  20 ePKP   04 46.76   1.9
     Z 21s      3.97um         6.2Msz
MOCB  148.58 182 PKP    04 47.80   1.7
GPD   148.68  11 ePKP   04 45.84   0.8
                 ePKPbc04 48.94
PNJ   148.84  11 i(PKP)04 50.31   5.0X
GMTN  148.86  11 iPKP   04 50.30   5.0X
OXX   150.01  74 (PKP)  04 55.00   7.0X
NAV   150.26  23 PKP    04 49.68   2.0X
BLA   150.49  23 ePKP   04 50.22   2.2X
CVL   150.49  19 ePKP   04 52.39   4.5X
CEH   152.16  22 ePKP   04 52.44   2.0X
CCH   152.44 181 PKP    04 54.50   2.7X
JSC   152.66  27 ePKP   04 53.55   2.4X
LHS   152.69  26 ePKP   04 52.56   1.3
ARE   152.93 170 ePKP   04 59.00   6.6X
LPB   153.25 177 PKP    04 54.90   1.9
SIV   153.26 192 PKP    04 53.40   0.8
LPAZ  153.49 177 PKP    04 55.20   1.6
SGS   153.91  27 ePKP   04 54.21   1.3
NNA   155.59 155 ePKP   04 58.00   2.2X
       1.0s    10.00nm
     S.D. = 1.3  on 142 of 224 obs.
----------------------------------------
% JUN 05, 1994  03h 11m 04.77± 0.75s
  33.786 S ± 6.1km   71.373 W ± 7.2km
  DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE       (135)
     MD 3.5 (SAN).

LNV      0.17 190 iPd     11 11.35   0.3
                  iS      11 16.85
LCCH     0.35 332 iPd     11 12.75  -0.4
                  iS      11 19.36
TACH     0.39  70 iP+     11 13.74   0.0
                  iS      11 21.63
CHCH     0.62 104 iP+     11 16.83  -0.3
                  iS      11 27.12
CACH     0.72 117 iP      11 18.79   0.1
                  iS      11 30.29
PCH      0.73  77 iP+     11 18.37  -0.4
                  iS      11 29.40
PEL      0.86  42 iP      11 21.00   0.5
                  iS      11 33.31
ROCH     0.87  21 iP+     11 20.67  -0.1
                  iS      11 32.91
FCH      1.01  63 iP      11 22.72  -0.3
                  iS      11 36.96
JACH     1.28  31 iP      11 27.21   0.7
                  iS      11 44.50
     S.D. = 0.4  on  10 of  10 obs.
----------------------------------------
  JUN 05, 1994  04h 13m 25.39± 0.37s
  10.613 S ± 6.7km  113.322 E ±10.0km
  DEPTH =  27.5km  (  4 depth phases)
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   4.8mb ( 11 obs.) 4.8Msz (  1 obs.)
 SOUTH OF JAWA, INDONESIA          (282)

LEM      6.78 303 iPc    15 05.70  -0.1
                  iS     16 06.00
NANU    12.07 170 iPc    16 14.10  -4.5X
                  eS     18 24.00
MBL     12.21 150 eP     16 15.50  -5.0X
                  eS     18 21.00
MEEK    16.70 163 eP     17 17.00  -2.2
        0.3s     24.00nm         4.8mb
                  eS     20 10.00
MRWA    18.68 173 eP     17 41.30  -2.4
        0.3s     14.00nm         4.6mb
                  eS     20 58.00
IPM     19.43 320 ePc    17 51.90  -1.0
        0.7s     18.10nm         4.5mb
WARB    19.96 143 eP     17 58.40  -0.1
                  eS     21 26.00
BAL     20.14 171 eP     18 01.00   0.7
        0.4s     15.00nm         4.7mb
SWI     20.29  63 ePc    18 02.00   0.1
KLB     21.28 170 eP     18 14.00   2.0
MUN     21.43 173 eP     18 14.00   0.5
                  e      18 21.00  25km
COOL    21.44 161 eP     18 13.00  -0.7
        0.4s     25.00nm         5.0mb
                  e      18 19.00  22km
WB2     22.28 117 eP     18 21.90  -0.3
        0.5s     16.40nm         4.7mb
                  epP    18 30.70  32km
                  eS     22 21.20
ASPA    23.52 126 eP     18 34.50   0.2
        1.4s     25.30nm         4.6mb
                  i      22 50.30
FORT    24.29 148 eP     18 43.00   1.4
NNT     26.71 329 eP     19 03.80  -0.7
NST     29.20 333 eP     19 27.50   0.5
BDT     31.09 333 eP     19 42.50  -1.2
CHTO    32.50 334 eP     19 55.80  -0.3
STKA    33.61 133 eP     20 05.40  -0.3
        1.2s     21.70nm         5.0mb
KMI     36.99 344 Pd     20 35.40   0.7
        1.0s     30.00nm         5.1mb
HYB     44.23 309 eP     21 34.00  -0.4
LZH     47.30 350 eP     21 58.60  -0.1
        2.0s     40.00nm         5.1mb
      Z  18s     0.89um          4.8Msz
      N  14s     0.69um
                  pP     22 08.00  31km
BJI     50.46   3 eP     22 23.00   0.2
MAIO    68.84 316 eP     24 30.00   0.2
SLR     81.04 245 eP     25 42.00   2.0
        0.5s      7.04nm         4.9mb
XIN    145.06 236 ePKP   33 04.20   1.3
ITR    145.93 237 ePKP   33 06.50   2.1X
CCH    152.18 181 PKP    33 24.70  10.3X
LPB    152.99 177 ePKP   33 26.00  10.4X
LPAZ   153.23 177 PKP    33 27.00  10.8X
     S.D. = 1.1  on  25 of  31 obs.
----------------------------------------
* JUN  05, 1994  04h 58m 10.52± 0.57s
  54.796 N ±10.5km  161.721 E ±11.4km
  DEPTH =  33.0km  (normal)
  4.6mb ( 18 obs.)
 NEAR EAST COAST OF KAMCHATKA     (218)

SKR      5.36 222 ePn    59 31.10   0.8
      Z  12s     0.40um
      N  12s     0.60um
      E  12s     0.60um
YSS     14.26 245 eP     01 29.70  -2.2
ILT     16.03  27 iPd    01 56.60   1.9
TTA     22.93  52 eP     03 11.90  -0.4
        0.9s      1.70nm         3.5mb X
IMA     24.14  44 eP     03 22.00  -2.1
        0.5s      0.90nm         3.6mb X
MBC     35.09  24 eP     05 03.50   1.5
YKA     41.26  44 eP     05 51.70  -1.9
        0.7s      1.10nm         3.7mb
RES     41.38  23 eP     05 54.00  -0.4
DAG     48.70   0 iPc    06 52.60  -0.2
ULM     56.96  48 eP     07 55.00   0.4
KAF     58.29 337 iP     08 03.30  -0.5
        0.5s      2.90nm         4.6mb
NUR     60.09 337 eP     08 16.00  -0.2
        0.7s      6.90nm         4.9mb
NB2     62.17 344 P      08 29.30  -1.1
        0.7s      2.10nm         4.4mb
HFS     62.62 343 eP     08 31.70  -1.6
        0.4s      1.50nm         4.4mb
MNK     65.26 332 eP     08 47.00  -3.5X
CLL     71.09 340 iP     09 26.70  -0.2
BRG     71.32 339 eP     09 28.60   0.3
        1.2s     12.00nm         4.8mb
PRU     72.03 338 eP     09 32.00  -0.5
                  e      09 44.50
GRF     72.98 340 eP     09 39.20   1.0
        1.2s     12.10nm         4.8mb
KHC     73.04 339 eP     09 39.50   0.9
        1.1s      8.00nm         4.6mb
                  e      09 48.50
GEC2    73.29 339 P      09 39.50  -0.6
        0.6s      1.43nm         4.1mb
                  e      09 42.70
                  e      09 53.90
KBA     75.04 338 iPc    09 51.90   1.5
        1.0s     18.50nm         5.0mb
WTTA    75.22 339 iPc    09 52.50   1.1
GBA     75.72 273 P      09 55.00   0.6
GRR     76.15 348 eP     09 56.80   0.4
        0.5s      3.45nm         4.6mb
LPF     76.52 348 eP     09 59.20   0.8
        0.9s      8.70nm         4.8mb
LOR     76.60 345 eP     09 59.00   0.0
        0.7s      2.55nm         4.3mb
AVF     77.15 345 eP     10 02.30   0.3
        1.2s      8.35nm         4.6mb
LPL     77.83 342 eP     10 05.50  -0.6
        1.4s     18.30nm         4.9mb
LPG     77.85 342 eP     10 05.80  -0.4
        1.0s      9.40nm         4.8mb
WRA     78.03 206 P      10 07.80   0.7
        0.7s      0.50nm         3.7mb
ASPA    81.71 206 iPd    10 27.40   0.7
        0.9s      5.30nm         4.6mb
     S.D. = 1.1  on  31 of  32 obs.
----------------------------------------
  JUN  05, 1994  04h 59m 40.79± 0.46s
  24.349 N ± 5.7km  121.900 E ± 7.6km
  DEPTH =  10.0km  (geophysicist)
  4.8mb ( 16 obs.)
 TAIWAN                            (244)

CVP      6.61 181 eP     01 20.00  -0.4
        1.0s     83.00nm         5.7mb
SSE      6.75 355 Pn     01 18.00  -4.3X
      Z  16s     1.30um
      E  10s     1.10um
                  Pg     01 58.40
                  Sn     02 30.50
                  Sg     03 13.50
HKC      7.39 256 iP     01 30.10  -1.2
                  iS     02 49.60
BAG      7.99 189 ePc    01 41.00   1.0
BJI     16.37 344 eP     03 33.50   1.3
KMI     17.42 277 ePc    03 48.80   3.0X
        1.4s     40.00nm         4.4mb
      Z  12s     2.00um
      N  10s     1.30um
      E  10s     1.50um
                  pP     04 04.40
LZH     19.46 311 eP     04 10.00  -0.8
        1.8s     68.00nm         4.6mb
      E  10s     0.83um
                  sP     04 22.50
CHTO    22.03 260 eP     04 37.60   0.3
TAPN    30.86 283 P      06 00.80   0.9
        1.5s    114.00nm         5.5mb
ODAN    31.17 282 P      06 03.50   1.0
        1.0s     38.00nm         5.3mb
JIRN    32.20 284 P      06 11.50  -0.2
        0.8s     17.00nm         5.0mb
PKI     32.89 284 P      06 17.48  -0.2
KKN     33.00 284 P      06 18.08  -0.4
        0.7s     19.00nm         5.1mb
GKN     33.56 284 P      06 22.38  -0.9
DANN    34.31 285 P      06 30.40   0.4
        1.0s     27.00nm         5.1mb
KOLN    34.48 284 P      06 31.72   0.4
        1.1s     38.00nm         5.2mb
PYUN    35.00 285 P      06 36.50   0.7
        1.0s     27.00nm         5.1mb
WRA     45.66 164 P      08 02.70  -0.8
        0.6s      1.30nm         4.1mb
WB2     45.66 164 eP     07 59.90  -3.7X
        0.4s      2.30nm         4.5mb
ASPA    49.13 165 eP     08 31.60   0.9
        1.9s      8.50nm         4.4mb
INK     72.83  22 eP     11 11.50   0.4
NB2     78.38 332 P      11 43.10   0.3
        0.8s      2.00nm         4.2mb
RES     78.40   9 eP     11 42.00  -0.6
YKA     82.56  23 eP     12 04.00  -1.0
        1.2s      1.30nm         4.0mb
GEC2    83.13 321 P      12 07.40  -0.9
        0.9s      0.98nm         4.0mb
                  e      12 14.60
     S.D. = 0.8  on  22 of  25 obs.
----------------------------------------
? JUN  05, 1994  05h 25m 07.91± 0.98s
   3.935 N ±11.6km  130.800 E ±18.0km
  DEPTH =  33.0km  (normal)
 NORTH OF HALMAHERA, INDONESIA     (264)

TNE      4.66 228 iP     26 18.00   0.2
KNA     19.66 186 iPd    29 32.40  -4.8X
WB2     23.98 172 iPd    30 20.60   0.0
        0.3s     11.40nm         4.9mb
ASPA    27.60 174 eP     30 52.70  -1.7
        0.4s      9.10nm         4.8mb
STKA    37.07 165 eP     32 18.40   1.5
        0.8s      9.10nm         4.7mb
RAMN    48.00 303 P      33 46.33   0.0
JIRN    48.59 304 P      33 51.33   0.3
KOLN    50.78 303 P      34 07.52  -0.1
        0.4s      7.00nm         5.0mb
DANN    50.84 304 P      34 08.06  -0.1
PYUN    51.40 303 P      34 11.99  -0.3
        0.5s      8.00nm         5.0mb
     S.D. = 1.0  on   9 of  10 obs.
----------------------------------------
  JUN  05, 1994  05h 32m 33.68± 0.35s
  10.827 S ± 8.1km  113.450 E ±10.9km
  DEPTH =  39.9km  (  4 depth phases)
  5.2mb ( 16 obs.)
 SOUTH OF JAWA, INDONESIA          (282)

MBL     11.96 150 eP     35 17.00  -7.7X
                  iS     37 17.00
MRWA    18.45 173 eP     36 43.80  -4.4X
                  eS     39 53.00
WARB    19.72 143 eP     37 02.00  -1.0
        0.3s      6.00nm         4.4mb
                  eS     40 23.00
SWI     20.28  62 ePd    37 09.00   0.2
KLB     21.05 170 eP     37 16.50  -0.1
COOL    21.20 161 eP     37 16.70  -1.5
                  eS     40 51.00
MUN     21.20 174 eP     37 17.00  -1.2
DAV     21.50  35 eP     37 18.50  -2.8
WB2     22.07 117 iPd    37 26.30  -0.8
        0.6s     18.90nm         4.7mb
                  i      37 28.70
                  ipP    37 38.10  48km
                  iS     41 21.30
ASPA    23.29 126 iPd    37 39.60   0.6
        1.2s     23.90nm         4.6mb
                  i      37 50.00  39km
                  eS     41 50.50
FORT    24.05 148 eP     37 46.70   0.5
        0.5s     20.00nm         4.9mb
                  e      37 56.00  33km
NNT     26.96 329 eP     38 16.20   2.6
NST     29.45 333 eP     38 35.00  -1.1
BDT     31.33 333 eP     38 53.00   0.2
CHTO    32.74 334 eP     39 06.00   0.9
KMI     37.23 344 eP     39 45.00   1.4
        1.2s     20.00nm         4.9mb
                  pP     39 56.20  40km
ODAN    45.21 326 P      40 48.83  -0.4
        0.6s     30.00nm         5.3mb
TAPN    45.42 327 P      40 50.79  -0.2
        0.6s     33.00nm         5.4mb
RAMN    45.71 326 P      40 53.63   0.5
JIRN    46.49 326 P      40 59.31  -0.2
        0.6s     54.00nm         5.7mb
PKI     46.86 325 P      41 01.25  -1.1
DMN     47.06 325 P      41 03.15  -0.7
        0.5s     46.00nm         5.7mb
KKN     47.10 325 P      41 03.79  -0.3
```

0.7s 32.00nm 5.4mb
LZH 47.53 349 eP 41 07.00 -0.3
2.0s 37.00nm 5.0mb
pP 41 12.00 17kmX
GKN 47.62 325 P 41 07.39 -0.8
0.6s 29.00nm 5.5mb
KOLN 48.04 324 P 41 10.95 -0.6
DANN 48.39 324 P 41 13.43 -0.8
0.6s 49.00nm 5.7mb
PYUN 48.65 323 P 41 15.61 -0.6
0.9s 37.00nm 5.4mb
POO 48.76 306 eP 41 15.50 -1.4
BJI 50.67 3 eP 41 30.00 -1.1
1.5s 28.00nm 5.0mb
NDI 52.61 319 eP 41 44.00 -2.1
MAIO 69.08 316 eP 43 38.00 0.0
OBN 91.39 326 eP 45 38.00 1.5
1.5s 28.00nm 5.4mb
GAC 144.42 11 ePKP 52 07.00 -0.4
XIN 145.05 236 (PKP) 52 09.00 -0.5
LMN 145.06 358 ePKP 52 09.50 0.9
1.0s 7.00nm
ELF 145.29 19 PKP 52 10.00 1.0
ACTO 145.30 17 PKP 52 10.50 1.5
WLVO 145.47 15 PKP 52 10.84 1.6
LDN 145.47 19 PKP 52 10.80 1.5
DLA 145.51 20 PKP 52 11.20 1.8
TYNO 145.83 17 PKP 52 11.95 2.0
ITR 145.91 236 ePKP 52 12.30 1.3
STCO 145.92 17 PKP 52 12.21 2.1X
MOCB 148.11 182 PKP 52 20.40 5.6X
LPB 152.77 177 PKP 52 31.40 9.5X
LPAZ 153.01 177 PKP 52 31.80 9.3X
S.D. = 1.2 on 41 of 47 obs.

% JUN 05, 1994 05h 35m 06.36± 3.34s
43.114 N ±14.0km 18.262 E ±21.7km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.9 (TTG).

BRY 0.30 136 iPgc 35 12.49 -0.1
iSg 35 17.36
NKY 0.62 119 iPgc 35 18.54 -0.4
iSg 35 27.78
HCY 0.69 165 iPgd 35 19.37 -0.6
iSg 35 30.13
PLE 0.86 75 iPgc 35 22.57 -0.3
iSg 35 35.27
BDV 0.93 153 iPgd 35 23.98 -0.1
iSg 35 38.19
TTG 1.00 133 iPgc 35 25.51 0.1
iSg 35 40.71
IVA 1.22 101 iPgd 35 29.30 0.1
iSg 35 47.89
PVY 1.36 112 iPgd 35 31.89 0.4
iSg 35 52.28
ULC 1.36 147 iPgc 35 32.30 0.9
iSg 35 52.66
S.D. = 0.5 on 9 of 9 obs.

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* JUN 05, 1994 05h 51m 40.64± 0.89s
24.439 N ±10.5km 122.182 E ±14.5km
DEPTH = 10.0km (geophysicist)
4.1mb (7 obs.)
TAIWAN REGION (243)

SSE 6.69 353 Pnc 53 20.00 -1.3
1.0s 121.00nm 5.9mb X
Z 20s 0.90um
N 10s 1.00um
CVP 6.71 183 ePd 53 23.00 1.3X
1.0s 140.00nm 5.9mb X
HKC 7.66 255 iP 53 33.60 -1.3
iS 54 54.30
BAG 8.13 191 eP 53 42.80 1.1
BJI 16.36 343 eP 55 34.00 2.2X
LZH 19.60 311 eP 56 17.00 4.8X
1.6s 38.00nm 4.4mb
Z 15s 0.29um
N 12s 0.57um
sP 56 22.00
CHTO 22.30 260 eP 56 43.10 3.3X
TAPN 31.09 283 P 58 02.02 0.3
JIRN 32.42 284 P 58 15.48 2.0X
LEM 34.17 206 iPc 58 26.00 -2.4X
DANN 34.54 285 P 58 32.36 0.6

0.8s 12.00nm 4.8mb
KOLN 34.71 284 P 58 34.30 1.1
WRA 45.67 164 P 00 01.40 -2.1
1.1s 0.80nm 3.6mb
ASPA 49.15 166 eP 00 34.50 3.8X
0.7s 4.80nm 4.6mb
TOO 65.46 160 iPd 02 43.20 17.2X
0.9s 13.00nm
INK 72.65 22 eP 03 11.00 1.1
NB2 78.42 332 P 03 44.40 1.5X
0.8s 0.60nm 3.7mb
YKA 82.38 23 eP 04 04.50 0.6
0.7s 0.90nm 4.0mb
GEC2 83.22 321 P 04 11.20 2.5X
0.7s 0.37nm 3.7mb
e 04 14.40
S.D. = 1.4 on 9 of 19 obs.

JUN 05, 1994 05h 56m 45.39± 0.19s
10.717 S ± 4.5km 113.492 E ± 5.2km
DEPTH = 33.0km (normal)
5.6mb (49 obs.)
SOUTH OF JAWA, INDONESIA (282)

NANU 11.94 171 iPc 59 27.60 -8.7X
MBL 12.04 150 eP 59 38.20 0.5
KNA 15.69 110 eP 00 22.00 -3.7X
KGM 16.20 321 ePd 00 33.90 1.6
MEEK 16.56 164 eP 00 29.00 -7.8X
0.3s 28.00nm 4.9mb
eS 03 18.00
MTN 17.40 99 eP 00 45.50 -1.8
0.5s 60.00nm 5.0mb
eS 03 50.00
MRWA 18.56 173 eP 00 54.20 -7.4X
0.3s 14.00nm 4.6mb
eS 04 03.00
IPM 19.62 320 ePd 01 11.80 -2.5
1.0s 138.50nm 5.2mb
WARB 19.78 143 eP 01 14.00 -1.9
eS 04 37.00
BAL 20.02 172 eP 01 14.00 -4.3X
eS 04 41.00
SWI 20.19 62 ePd 01 19.00 -1.2
PPR 21.01 15 ePd 01 28.00 -0.7
KLB 21.15 170 eP 01 29.00 -1.0
eS 05 03.00
COOL 21.29 162 eP 01 29.00 -2.4
0.5s 32.00nm 5.0mb
eS 05 04.00
MUN 21.31 174 eP 01 29.00 -2.6
eS 05 10.00
DAV 21.39 35 eP 01 31.50 -1.0
eS 05 26.50
SNG 21.91 324 eP 01 38.00 0.2
eS 05 48.00
e 25 41.00
CGP 22.07 31 eP 01 39.00 -0.3
WRA 22.08 117 P 01 38.20 -1.2
0.7s 40.30nm 5.0mb
WB2 22.09 117 iPc 01 37.90 -1.6
0.5s 80.50nm 5.4mb
i 01 40.50 9kmX
iS 05 33.40
NWAO 22.37 172 eP 01 37.00 -5.2X
e 01 41.00 14kmX
eS 05 29.00
BIP 22.70 35 ePc 01 46.00 0.4
ASPA 23.32 126 P 01 51.40 -0.3
0.5s 55.90nm 5.3mb
MAP 23.36 27 eP 01 52.00 0.0
FORT 24.12 148 eP 01 58.00 -1.2
0.5s 33.00nm 5.1mb
PLP 24.55 28 eP 02 01.00 -2.6
PGP 25.17 17 ePc 02 10.00 0.5
NNT 26.88 329 eP 02 25.70 0.4
LOE 30.26 337 iPc 02 55.00 -0.8
BDT 31.26 333 eP 03 00.00 -4.5X
CHTO 32.66 334 iPd 03 16.70 -0.1
1.0s 17.50nm 4.9mb
CTA 32.87 110 iP 03 19.00 0.3
e 03 39.00 86kmX
e 03 53.00
ADE 33.32 140 e(P) 03 24.00 1.5
KMI 37.13 344 ePd 03 56.80 1.6
1.2s 70.00nm 5.4mb
Z 20s 1.50um 4.8Msz

pP 04 09.20 46kmX
sP 04 18.80
TOO 39.25 138 iPc 04 13.20 0.5
1.1s 39.00nm 5.1mb
i 06 22.10
GUMO 39.40 53 eP 04 12.50 -1.6
1.0s 197.20nm 5.8mb
PJG 39.40 53 eP 04 12.30 -1.8
GUA 39.41 53 eP 04 12.60 -1.6
1.0s 168.00nm 5.8mb
ARMA 40.46 125 eP 04 23.60 0.7
0.9s 4.00nm 4.2mb X
SSE 42.22 10 Pd 04 38.00 1.0
1.0s 47.00nm 5.2mb
sP 04 49.50
eS 11 20.00
GBA 43.17 303 Pd 04 43.30 -1.7
1.0s 18.00nm 4.8mb
HYB 44.42 309 eP 04 54.00 -1.2
ODAN 45.14 326 P 05 00.47 -0.6
0.7s 145.00nm 6.0mb
TAPN 45.35 327 Pd 05 02.71 -0.2
0.7s 116.00nm 5.9mb
RAMN 45.64 326 P 05 04.47 -0.6
1.1s 143.00nm 5.8mb
JIRN 46.42 326 P 05 10.89 -0.5
0.8s 208.00nm 6.2mb
GUN 46.79 326 P 05 13.85 -0.4
0.7s 183.00nm 6.2mb
PKI 46.79 325 P 05 13.07 -1.2
DMN 46.99 325 Pd 05 14.83 -0.9
0.8s 189.00nm 6.2mb
KKN 47.03 325 P 05 14.95 -1.1
0.8s 82.00nm 5.8mb
LZH 47.43 349 Pd 05 19.00 0.0
1.5s 93.00nm 5.6mb
Z 15s 0.68um 4.7MszX
N 12s 0.52um
pP 05 26.50 25kmX
GKN 47.56 325 Pd 05 18.95 -1.2
KOLN 47.98 324 Pd 05 22.37 -1.1
0.2s 167.00nm 6.8mb X
DANN 48.32 324 Pd 05 25.01 -1.2
0.9s 249.00nm 6.3mb
PYUN 48.58 323 P 05 26.91 -1.2
1.1s 264.00nm 6.2mb
POO 48.73 306 iPd 05 26.50 -2.7
1.0s 90.00nm 5.8mb
BJI 50.56 3 eP 05 42.00 -0.7
1.5s 90.00nm 5.5mb
Z 20s 0.60um 4.6Msz
DZM 51.81 110 iPc 05 53.70 0.9
NDI 52.56 319 iPd 05 56.80 -1.4
CSY 55.54 181 eP 06 18.00 -1.4
0.9s 4.00nm 4.4mb X
VLA 56.15 16 iPc 06 24.00 -0.1
i 06 40.00 60kmX
i 14 05.00
CIT 62.46 0 eP 07 07.80 0.2
VUN 63.10 105 eP 07 08.20 -4.2X
YSS 63.12 22 iPd 07 10.50 -1.5
1.1s 60.00nm 5.6mb
IRK 63.23 354 eP 07 11.80 -0.9
1.4s 35.00nm 5.3mb
BOD 68.32 0 eP 07 44.50 -0.7
1.3s 106.00nm 5.8mb
MAIO 69.04 316 iPd 07 49.00 -1.2
YAK 73.61 8 iPd 08 16.00 -0.9
1.5s 469.00nm 6.3mb
i 08 35.00 71kmX
e 11 05.00
eS 17 44.00
SYO 74.33 201 ePc 08 18.80 -2.3
NAI 76.68 271 eP 08 38.00 2.1
KER 77.18 309 ePd 08 36.50 -1.5
SPA 79.35 180 iPd 08 48.30 -1.1
1.1s 12.50nm 4.8mb
SVE 80.09 334 iPd 08 53.50 0.2
2.0s 200.00nm 5.8mb
eS 18 57.00
ARU 80.75 333 iPd 08 57.10 0.3
2.0s 200.00nm 5.8mb
e 09 06.00 28kmX
SLR 81.15 245 iPd 08 59.00 -0.8
1.0s 80.00nm 5.7mb
MTA 81.66 315 iPd 09 03.00 1.2
0.8s 100.00nm 5.9mb

GRO 81.70 317 iPc 09 04.00 2.0
1.0s 160.00nm 6.0mb
KSR 82.37 245 iPc 09 06.10 -0.1
1.5s 60.00nm 5.4mb
BLF 82.54 242 iPc 09 06.70 -0.2
0.8s 40.00nm 5.5mb
BOSA 83.28 242 eP 09 10.90 0.4
LBTB 83.66 246 eP 09 11.79 -0.9
1.1s 61.38nm 5.7mb
PYA 83.72 317 iPc 09 13.00 0.6
1.2s 110.00nm 5.9mb
KIV 83.94 317 eP 09 14.60 0.9
1.7s 85.00nm 5.6mb
SOC 85.83 316 eP 09 23.00 0.0
1.0s 110.00nm 6.0mb
MOS 90.95 327 eP 09 48.00 0.9
e 09 54.00 19kmX
e 13 24.00
OBN 91.32 326 iPc 09 50.00 1.2
1.2s 44.00nm 5.7mb
e 13 27.00
(S) 20 54.00
ILT 91.75 21 iPd 09 50.20 -0.3
1.6s 53.00nm 5.7mb
VRI 95.36 316 ePc 10 17.00 9.3X
BCAO 95.67 273 iPc 10 10.00 0.2
0.6s 11.00nm 5.5mb
MNK 96.18 324 eP 10 11.00 -0.1
KAF 98.07 332 eP 10 19.90 0.4
0.9s 9.60nm 5.3mb
IMA 100.86 25 ePdiff10 32.71 0.4
1.1s 2.92nm 4.8mb
RES 114.07 8 ePKP 15 23.00 0.8
1.0s 2.00nm
GMW 120.37 41 ePKP 15 35.63 0.6
RMW 121.02 41 ePKP 15 37.51 1.1
WDC 122.54 49 PKP 15 50.00 10.6X
Z 20s 0.16um 4.7Msz
LBFM 122.82 48 ePKP 15 41.39 1.2
NEW 123.65 38 ePKP 15 42.20 0.8
TPNV 128.27 51 ePKP 15 52.19 1.4
GSC 128.30 53 ePKP 15 52.26 1.5
HVU 129.11 44 ePKP 15 53.80 1.6
DUG 129.70 46 ePKP 15 54.71 1.3
DAU 130.71 45 ePKP 15 57.01 1.5
MSU 130.80 48 ePKP 15 56.30 0.7
SRU 131.75 46 ePKP 15 58.27 0.9
PV09 133.00 47 ePKP 16 00.53 0.6
PV10 133.11 47 ePKP 16 01.61 1.5
PV08 133.31 46 ePKP 16 02.68 2.1
RSSD 133.59 37 ePKP 16 00.58 -0.2
ULM 133.75 26 ePKP 16 04.00 3.5X
TUC 133.96 55 ePKP 16 02.45 0.8
GOL 135.07 43 ePKP 16 04.73 1.0
JAQ 136.40 8 ePKP 16 06.00 0.5
ALQ 136.41 50 ePKP 16 07.76 1.4
ACO 140.81 43 iPKPd 16 09.00 -5.1X
WMOK 142.11 46 ePKP 16 11.86 -4.7X
Z 19s 0.12um 4.7Msz
MEO 142.22 46 iPKPc 16 13.00 -3.7X
TUL 143.49 42 iPKPd 16 16.60 -2.2X
CBM 143.88 2 PKP 16 17.50 -1.6
GAC 144.30 11 ePKPc 16 18.50 -1.3
TYS 144.94 34 ePKP 16 21.01 -0.1
LMN 144.96 358 ePKP 16 21.00 0.0
1.0s 39.00nm
XIN 145.15 236 ePKP 16 21.60 -0.6
e 16 31.40
ACTO 145.18 17 PKP 16 21.60 0.2
WLVO 145.35 15 PKP 16 22.03 0.4
FVM 145.40 34 ePKP 16 22.22 0.2
TYNO 145.71 17 PKP 16 23.24 0.9
MIAR 145.76 42 ePKP 16 23.96 1.3
STCO 145.81 17 PKP 16 23.45 1.0
ITR 146.01 236 ePKP 16 23.90 0.2
e 16 33.50
DON 146.25 35 ePKP 16 24.41 1.0
LBNH 146.27 7 ePKP 16 24.13 0.9
Z 21s 0.10um 4.6Msz
YSNY 146.66 16 ePKP 16 24.50 0.5
GRT 147.18 35 ePKP 16 26.95 2.0
MFTN 147.27 36 ePKP 16 26.19 1.1
BINY 147.56 13 ePKP 16 26.30 0.9
HRV 148.03 7 ePKP 16 28.00 1.9
Z 19s 0.11um 4.7Msz
BAO 148.04 215 ePKP 16 30.20 3.2X
BDFB 148.04 215 ePKP 16 26.52 -0.5
MOCB 148.22 182 PKP 16 28.90 1.3
LSCT 148.60 10 ePKP 16 28.79 1.7
GPD 149.01 12 ePKP 16 28.83 1.1
PNJ 149.18 11 i(PKP)16 31.89 3.9X
GMTN 149.20 11 iPKP 16 33.80 5.8X
NAV 150.56 24 ePKP 16 31.17 1.0
ePKPbc16 36.42
BLA 150.79 23 ePKP 16 31.76 1.2
CVL 150.81 20 ePKP 16 37.53 7.0X
CCH 152.08 181 PKP 16 42.30 8.9X
ARE 152.55 170 ePKP 16 44.00 10.0X
LPB 152.88 177 PKP 16 39.00 4.4X
JSC 152.95 28 ePKP 16 34.91 1.2
LPAZ 153.12 177 PKP 16 35.30 0.1
SGS 154.19 28 ePKP 16 37.38 1.9
S.D. = 1.2 on 131 of 153 obs.

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* JUN 05, 1994 06h 00m 06.16± 0.94s
80.743 N ±14.4km 2.869 W ± 8.2km
DEPTH = 5.0km (geophysicist)
3.4mb (2 obs.)
NORTH OF SVALBARD (641)

KBS 3.19 118 eP 00 57.50 -0.4
eS 01 30.20
SPA0 4.35 116 Pn 01 14.57 0.2
Sn 02 01.22
DAG 5.04 226 iPd 01 23.80 -0.2
0.3s 11.69nm 5.0mb X
ARA0 13.13 133 Pn 03 15.39 -0.3
Sn 05 34.04
RES 18.23 302 eP 04 21.00 0.0
1.0s 2.00nm 3.2mb
FIA0 21.01 140 P 04 56.48 4.1X
HFS 21.25 157 eP 04 55.50 0.6
0.5s 1.60nm 3.6mb
S.D. = 0.5 on 6 of 7 obs.

JUN 05, 1994 06h 20m 58.55± 0.24s
10.015 S ± 4.6km 112.878 E ± 5.7km
DEPTH = 32.3km (6 depth phases)
5.4mb (36 obs.) 4.6Msz (3 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.09 301 iPd 22 30.50 1.6
iS 22 47.00
MKS 8.09 54 iPc 22 57.10 0.4
NANU 12.73 169 iPc 23 54.30 -5.9X
MBL 12.94 150 eP 23 57.00 -6.0X
MEEK 17.40 163 eP 24 58.30 -2.3
0.3s 24.00nm 4.8mb
eS 27 56.00
MTN 18.11 101 eP 25 09.50 0.1
MRWA 19.33 172 eP 25 22.00 -2.1
0.3s 10.00nm 4.6mb
eS 28 45.00
SWI 20.42 65 ePc 25 34.50 -1.3
PPR 20.51 17 iPd 25 36.50 -0.2
WARB 20.70 143 eP 25 38.00 -0.7
BAL 20.80 171 eP 25 39.00 -0.7
DAV 21.18 37 eP 25 45.50 1.8
KLB 21.94 169 eP 25 51.30 0.1
MUN 22.07 172 eP 25 53.00 0.5
COOL 22.14 161 eP 25 53.50 0.2
0.4s 24.00nm 5.0mb
e 26 01.00 27km
WRA 22.93 118 P 26 01.50 0.3
1.3s 12.00nm 4.2mb X
WB2 22.94 118 eP 25 59.80 -1.5
0.8s 11.10nm 4.4mb
ipP 26 09.70 37km
eS 29 53.00
ASPA 24.22 127 P 26 14.50 0.8
0.6s 21.70nm 4.9mb
PLP 24.24 30 ePd 26 14.50 0.7
PGP 24.70 19 eP 26 20.00 1.7
FORT 25.03 148 eP 26 22.00 0.7
NNT 25.98 330 iPd 26 20.60 -9.7X
NST 28.47 334 eP 26 53.30 0.3
BDT 30.36 333 eP 27 09.00 -0.9
CHTO 31.77 334 iPc 27 22.00 -0.3
1.0s 16.25nm 4.9mb
STKA 34.34 134 iPd 27 44.60 0.1
0.6s 11.00nm 5.0mb
KMI 36.30 344 eP+ 28 01.80 0.3
1.0s 40.00nm 5.3mb
Z 20s 1.60um 4.8Msz
pP 28 15.80 54kmX
SSE 41.64 11 Pc 28 46.00 0.4
1.0s 35.00nm 5.0mb
GBA 42.28 303 Pc 28 50.50 -0.5
0.6s 20.00nm 5.1mb
HYB 43.51 309 ePd 29 01.20 0.1
1.0s 100.00nm 5.5mb
ODAN 44.22 327 P 29 06.65 -0.3
0.7s 147.00nm 5.9mb
TAPN 44.44 327 Pc 29 08.83 0.0
0.5s 104.00nm 5.9mb
RAMN 44.73 326 Pc 29 10.61 -0.5
0.5s 48.00nm 5.6mb
JIRN 45.51 326 Pc 29 17.23 -0.2
0.5s 133.00nm 6.1mb
PKI 45.87 325 Pc 29 19.25 -1.0
0.6s 26.00nm 5.4mb
GUN 45.87 326 P 29 20.09 -0.2
0.5s 119.00nm 6.1mb
DMN 46.07 325 Pc 29 21.23 -0.5
0.5s 126.00nm 6.1mb
KKN 46.11 325 Pc 29 21.49 -0.5
0.6s 53.00nm 5.6mb
LZH 46.64 350 iPc 29 25.50 -0.5
1.5s 167.00nm 5.8mb
Z 18s 0.59um 4.6Msz
N 15s 0.49um
pP 29 36.00 36km
sP 29 40.00
ePP 31 15.00
GKN 46.64 325 P 29 25.45 -0.7
0.4s 55.00nm 5.9mb
KOLN 47.06 324 Pc 29 28.87 -0.6
0.4s 78.00nm 6.1mb
DANN 47.40 324 Pc 29 31.53 -0.8
0.6s 122.00nm 6.1mb
PYUN 47.66 323 Pc 29 33.37 -0.9
1.0s 148.00nm 6.0mb
POO 47.83 306 iPc 29 34.50 -1.0
1.0s 50.00nm 5.5mb
BJI 49.89 3 eP 29 50.00 -1.0
1.0s 22.00nm 5.1mb
Z 24s 0.64um 4.5MszX
ZAK 60.72 353 ePc 31 07.20 -1.9
1.5s 43.00nm 5.4mb
CIT 61.76 1 eP 31 16.00 -0.3
IRK 62.47 354 eP 31 26.00 5.0X
1.2s 22.00nm 5.2mb
Z 18s 0.35um 4.6Msz
YSS 62.70 23 eP 31 20.20 -2.3
1.0s 30.00nm 5.4mb
e 31 27.80 25km
MAW 66.29 199 eP 31 47.00 1.4
BOD 67.63 1 eP 31 51.10 -3.0X
0.9s 20.00nm 5.2mb
MAIO 68.11 316 iPc 31 57.00 -0.8
ASH 69.75 317 eP 32 08.00 0.3
YAK 73.00 8 iPc 32 24.50 -2.2
1.0s 50.00nm 5.5mb
KER 76.27 309 eP 32 46.00 -0.3
SVE 79.20 334 iPc 33 02.00 0.3
1.5s 50.00nm 5.3mb
e 33 13.50 38km
ARU 79.86 333 iPc 33 06.00 0.7
e 33 16.00 32km
SPA 80.05 180 eP 33 01.00 -5.4X
1.2s 4.23nm 4.3mb X
SLR 80.89 245 iPc 33 14.00 2.3
1.0s 40.00nm 5.4mb
KSR 82.12 245 iPd 33 14.20 -3.9X
1.6s 30.00nm 5.1mb
BOSA 83.07 242 eP 33 25.70 3.0X
OBN 90.41 326 (P) 33 59.00 1.1
ILT 91.31 21 iPd 34 11.60 9.8X
1.2s 14.00nm 5.2mb
KAF 97.17 332 iP 34 29.70 1.0
0.6s 3.10nm 5.0mb
SLKM 102.05 30 (Pdiff34 50.09 -0.7
YKA 117.52 23 ePdiff35 59.20 -0.4
0.6s 0.70nm
LMN 144.24 357 ePKP 40 32.00 -1.0
0.9s 3.00nm
XIN 145.02 237 ePKP 40 35.00 -0.3
FVM 145.15 33 ePKP 40 34.72 -0.1
TYNO 145.22 16 PKP 40 35.30 0.5
MIAR 145.63 41 ePKP 40 36.91 1.1
LBNH 145.65 6 ePKP 40 36.53 1.0

05d 06h

DON 146.01 34 ePKP 40 37.34 1.0
YSNY 146.15 15 ePKP 40 37.86 1.4
GRT 146.95 34 (PKP) 40 39.55 1.7
BINY 147.01 12 ePKP 40 39.41 1.6
LSCT 148.01 9 ePKP 40 40.86 1.5
GPD 148.45 11 ePKP 40 40.61 0.5
PNJ 148.61 10 i(PKP)40 45.47 5.1X
MOCB 148.90 183 PKP 40 48.90 6.9X
NAV 150.15 22 ePKP 40 44.72 1.8
CEH 152.04 21 ePKP 40 52.93 7.3X
JSC 152.60 26 ePKP 40 54.64 8.1X
SIV 153.48 193 PKP 40 59.60 11.3X
LPB 153.61 178 PKP 41 04.00 15.1X
LPAZ 153.85 178 PKP 40 58.30 8.7X
S.D. = 1.1 on 70 of 86 obs.

% JUN 05, 1994 06h 37m 58.25± 0.74s
40.707 N ± 6.5km 29.928 E ± 5.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.3 (ISK).

EYL 0.22 129 iPg 38 03.50 0.4
HRT 0.23 300 iPg 38 03.00 -0.2
YLV 0.45 252 iPg 38 06.50 -0.8
eSg 38 13.00
IZI 0.51 223 iPg 38 08.80 0.2
GPA 0.51 145 ePg 38 08.00 -0.6
CTT 1.22 292 iPg 38 21.00 0.1
KCT 1.28 250 iPn 38 22.00 -0.1
DST 1.48 223 iPn 38 25.20 0.2
BNT 1.57 258 iPn 38 27.10 0.9
EDC 1.61 258 iPn 38 27.00 0.1
DMK 1.98 305 ePn 38 32.00 -0.2
ALN 2.95 275 eP 38 51.74 5.7X
iS 39 24.98
S.D. = 0.5 on 11 of 12 obs.

? JUN 05, 1994 06h 50m 51.01± 2.65s
10.425 S ±22.1km 114.770 E ±34.6km
DEPTH = 166.1 ± 26.9 km
4.6mb (6 obs.)
SOUTH OF BALI, INDONESIA (284)

LEM 7.92 296 iPc 52 44.50 0.0
MBL 11.73 156 eP 53 34.00 -0.4
eS 55 37.00
MEEK 16.53 168 eP 54 35.00 0.2
0.3s 16.00nm 4.9mb
eS 57 28.00
MRWA 18.73 177 eP 55 00.00 0.4
0.3s 6.00nm 4.5mb
WB2 21.11 119 eP 55 38.00 14.1X
0.5s 6.90nm
i 55 41.60
eS 58 47.30
ASPA 22.50 128 iPc 55 54.30 16.9X
0.5s 12.90nm
NST 29.70 331 eP 56 45.00 1.4
STKA 32.72 135 eP 57 25.70 15.8X
1.0s 9.90nm
ODAN 45.61 325 P 58 57.00 0.3
TAPN 45.81 326 P 58 58.42 0.1
0.6s 7.00nm 4.4mb
JIRN 46.90 324 P 59 07.36 0.3
0.9s 17.00nm 4.6mb
GKN 48.06 323 P 59 15.18 -0.6
KOLN 48.51 322 P 59 19.44 0.2
0.6s 11.00nm 4.7mb
DANN 48.84 323 P 59 20.20 -1.7
0.7s 15.00nm 4.7mb
S.D. = 0.9 on 11 of 14 obs.

% JUN 05, 1994 07h 12m 32.31± 1.29s
40.741 N ±11.6km 29.922 E ± 8.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

HRT 0.21 293 iPg 12 37.00 0.1
EYL 0.25 134 iPg 12 37.50 -0.2
eSg 12 39.50
YLV 0.45 248 iPg 12 40.50 -1.0
eSg 12 48.00
ISK 0.73 297 ePg 12 46.50 -0.1
eSg 12 57.50
KCT 1.29 248 iPn 12 57.00 0.8

DST 1.51 222 ePn 12 59.90 0.5
S.D. = 0.8 on 6 of 6 obs.

% JUN 05, 1994 07h 19m 33.49± 6.51s
38.544 N ±41.1km 22.258 E ±38.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)

AGG 0.48 7 ePg 19 43.26 0.0
eSg 19 50.98
LIT 1.56 7 ePb 20 01.82 0.4
eSb 20 23.46
PAIG 1.77 38 ePb 20 03.94 -0.4
eSb 20 27.74
OUR 2.23 36 ePn 20 11.78 0.8
SOH 2.43 20 ePn 20 12.98 -0.9
KNT 2.66 10 ePn 20 16.98 -0.2
eSn 20 49.78
S.D. = 0.8 on 6 of 6 obs.

? JUN 05, 1994 07h 26m 09.04± 4.81s
39.911 N ±35.5km 23.713 E ±20.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PAIG 0.03 302 iPg 26 11.01 0.0
eSg 26 12.58
OUR 0.47 26 iPg 26 18.77 0.2
eSg 26 26.30
THE 0.92 322 ePg 26 26.94 0.3
eSg 26 38.02
LIT 0.96 282 ePg 26 27.46 0.2
eSg 26 39.02
KNT 1.40 334 ePb 26 33.86 -0.7
eSb 26 51.38
S.D. = 0.6 on 5 of 5 obs.

% JUN 05, 1994 07h 33m 30.94± 0.69s
33.777 S ± 5.7km 71.368 W ± 6.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.5 (SAN).

LNV 0.18 191 iPd 33 37.56 0.2
iS 33 43.02
LCCH 0.34 331 iPd 33 38.93 -0.4
iS 33 45.54
TACH 0.38 71 iP+ 33 39.88 0.1
iS 33 47.82
CHCH 0.62 105 iP+ 33 43.00 -0.2
iS 33 53.52
SAN 0.67 61 iP+ 33 43.96 -0.1
iS 33 53.80
CACH 0.72 118 iP+ 33 44.94 0.1
iS 33 56.50
PCH 0.73 78 iP+ 33 44.57 -0.3
iS 33 55.57
PEL 0.85 42 iP 33 47.13 0.6
iS 33 59.47
ROCH 0.86 21 iP 33 46.79 0.0
iS 34 00.45
FCH 1.01 64 iP 33 48.82 -0.2
iS 34 04.09
JACH 1.27 31 iP 33 52.81 0.2
iS 34 10.57
S.D. = 0.3 on 11 of 11 obs.

% JUN 05, 1994 07h 37m 21.06± 0.60s
39.983 N ± 4.8km 23.389 E ± 4.2km
DEPTH = 5.0km (geophysicist)
AEGEAN SEA (365)

PAIG 0.23 104 iPg 37 25.77 0.0
eSg 37 29.14
OUR 0.57 52 ePg 37 32.50 -0.1
eSg 37 40.78
LIT 0.70 280 ePg 37 34.70 -0.4
eSg 37 45.54
THE 0.73 334 ePg 37 35.83 0.3
iSg 37 45.66
SOH 0.84 358 ePg 37 37.38 -0.4
eSg 37 49.42
SRS 1.14 8 ePg 37 43.02 0.1
GRG 1.23 323 ePb 37 44.70 0.3
eSb 38 01.98
KNT 1.24 343 iPb 37 44.53 0.0
eSb 38 01.26

AGG 1.26 221 ePb 37 45.10 0.1
S.D. = 0.3 on 9 of 9 obs.

JUN 05, 1994 07h 38m 06.49± 0.70s
43.447 N ± 5.3km 5.469 E ± 5.1km
DEPTH = 5.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.5 (STR).

GELF 0.07 205 Pg 38 08.17 -0.1
TREF 0.19 341 Pg 38 10.12 -0.2
PUYF 0.19 63 Pg 38 10.36 0.0
CDR 0.31 43 ePgd 38 12.50 -0.3
i 38 17.10
PRAF 0.42 329 Pg 38 15.23 0.3
VILF 0.44 24 Pg 38 15.30 -0.1
TAVF 0.46 68 Pg 38 16.04 0.3
ISO 1.36 57 e(Pg) 38 32.21 0.1
e(Sg) 38 50.90
S.D. = 0.3 on 8 of 8 obs.

? JUN 05, 1994 07h 40m 51.54± 3.01s
18.921 N ±30.8km 108.851 W ±15.9km
DEPTH = 10.0km (geophysicist)
3.6mb (5 obs.)
REVILLA GIGEDO ISLANDS REGION (53)

TUC 13.45 353 eP 44 05.01 0.0
1.4s 17.16nm 4.9mb X
ALQ 16.10 7 eP 44 39.73 0.0
1.2s 4.89nm 3.5mb
WMOK 18.12 28 eP 45 04.89 0.0
0.6s 2.25nm 3.5mb
TPNV 19.10 342 eP 45 18.36 1.2
ARUT 19.22 349 eP 45 18.98 0.3
PV10 19.39 360 eP 45 19.24 -1.6
MSU 19.74 352 eP 45 24.64 -0.1
TUL 20.48 32 iPc 45 33.10 0.9
BONR 20.68 338 (P) 45 34.94 0.3
GLD 20.99 8 (P) 45 38.06 0.4
1.3s 8.19nm 3.9mb
DUG 21.47 352 eP 45 42.36 -0.2
1.4s 18.02nm 4.3mb
DAU 21.52 355 eP 45 42.76 -0.4
ELK 22.43 347 eP 45 52.33 0.1
YKA 43.72 356 eP 48 57.20 -1.0
0.7s 0.30nm 3.2mb
S.D. = 0.8 on 14 of 14 obs.

% JUN 05, 1994 07h 54m 21.34± 0.87s
46.379 N ± 5.0km 7.096 E ± 9.8km
DEPTH = 5.0km (geophysicist)
SWITZERLAND (544)
ML 2.4 (LDG).

LPL 0.90 197 Pg 54 39.20 0.0
Sg 54 54.50
LPG 0.91 195 Pg 54 39.50 0.0
Sg 54 54.50
BSF 1.47 352 Pg 54 47.50 -1.1
Sg 55 06.60
HAU 1.71 343 Pg 54 52.60 0.7
Sg 55 14.40
CDF 2.04 3 Pg 54 57.20 0.4
Sg 55 22.60
LBF 2.23 287 Pn 54 59.50 -0.1
Sg 55 35.40
SSF 2.56 287 Pn 55 04.40 0.2
Sg 55 45.50
AVF 2.61 280 Pn 55 05.00 0.1
Sg 55 47.40
BGF 2.94 275 Pn 55 09.40 -0.2
S.D. = 0.6 on 9 of 9 obs.

% JUN 05, 1994 08h 32m 38.30± 0.73s
40.716 N ± 6.2km 29.918 E ± 5.3km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 3.1 (ISK).

HRT 0.22 299 iPg 32 42.00 -0.7
EYL 0.24 129 iPg 32 43.60 0.5
YLV 0.44 250 iPg 32 47.00 -0.2
iSg 32 53.50
IZI 0.51 222 iPg 32 49.00 0.5
GPA 0.52 145 iPg 32 48.00 -0.7
ISK 0.74 298 iPg 32 53.50 0.4

```
                  iSg    33 03.50
CTT      1.21 291 iPn    33 01.50   0.3
KCT      1.28 249 iPn    33 02.00  -0.5
DST      1.49 222 ePn    33 06.30   0.6
EDC      1.61 257 ePn    33 07.00  -0.4
DMK      1.97 305 ePn    33 13.00   0.4
      S.D. = 0.6  on  11 of  11 obs.
-------------------------------------
& JUN 05, 1994  09h 16m 21.51s
   59.990 N             153.329 W
   DEPTH = 137.7km
 SOUTHERN ALASKA                  ( 2)
     <AEIC>.

INE      0.15  62 eP     16 39.71   0.7
                  eS     16 54.57
PDB      0.48 245 eP     16 40.52  -1.1
                  eS     16 55.31
RED      0.51  33 iP     16 40.94  -0.9
                  eS     16 56.02
RS2      0.55  31 eP     16 41.47  -0.8
RSO      0.55  31 eP     16 41.46  -0.8
REF      0.59  32 iP     16 41.64  -0.8
                  eS     16 57.39
AUL      0.61 185 eP     16 41.64  -0.7
                  eS     16 57.60
AUH      0.63 185 eP     16 41.78  -0.8
AUP      0.63 184 eP     16 41.90  -0.7
AUE      0.63 182 eP     16 41.62  -0.8
AGU      0.63 185 eP     16 41.97  -0.7
AUI      0.66 184 eP     16 41.76  -0.9
                  eS     16 57.10
DFR      0.68  28 eP     16 42.03  -0.9
RDT      0.74  38 iP     16 42.50  -0.9
HOM      0.91 111 eP     16 44.05  -0.6
                  eS     17 01.48
MCNL     0.96 213 eP     16 43.90  -1.1
                  eS     17 01.73
XLV      0.98 123 eP     16 44.37  -0.8
NNL      1.02  86 eP     16 45.67   0.1
CDD      1.08 189 iP     16 45.00  -1.1
                  eS     17 03.00
CNPM     1.16 113 iP     16 45.99  -0.9
                  eS     17 04.14
BKG      1.21  25 eP     16 46.86  -0.6
                  eS     17 06.78
BRLK     1.25  99 eP     16 47.13  -0.8
                  eS     17 06.02
NKA      1.28  53 eP     16 49.04   0.9
CKT      1.34  24 eP     16 48.24  -0.6
SPU      1.35  27 eP     16 48.28  -0.7
CKN      1.36  24 eP     16 49.00   0.0
CP2      1.39  22 eP     16 48.93  -0.6
CRP      1.41  24 eP     16 49.26  -0.4
SYI      1.47 160 eP     16 48.74  -1.3
CGLM     1.47  26 eP     16 49.63  -0.7
NCG      1.53  22 eP     16 50.48  -0.5
SVW      1.59 316 eP     16 49.74  -1.9
SLKM     1.63  70 eP     16 50.69  -1.4
PMS      2.24  54 P      16 59.30  -0.1
                  S      17 26.20
KDC      2.29 169 eP     16 56.26  -3.6
PWA      2.37  44 P      17 00.40  -0.5
                  S      17 31.30
PMR      2.61  50 (P)    17 03.90   0.0
LTI      2.75  87 eP     17 04.24  -1.5
KNK      2.79  57 eP     17 04.34  -1.9
GHO      2.80  48 eP     17 04.43  -2.0
CUT      2.84  30 eP     17 05.64  -1.2
MTU      2.85  88 eP     17 06.05  -1.0
SML      3.05  51 eP     17 07.79  -1.9
TTA      3.22 338 eP     17 09.20  -2.7
HIN      3.43  80 eP     17 13.32  -1.4
SCM      3.47  55 eP     17 13.80  -1.4
HUR      3.48  29 eP     17 14.34  -1.0
FID      3.49  74 eP     17 13.11  -2.3
VZW      3.52  69 eP     17 13.45  -2.4
MID      3.59  96 P      17 15.50  -1.1
VLZ      3.64  69 eP     17 15.71  -1.6
KTH      3.75  17 eP     17 17.89  -1.1
TRF      3.76  21 eP     17 17.77  -1.4
CVA      3.82  78 eP     17 18.02  -1.7
KLU      3.94  64 eP     17 19.11  -2.3
RND      4.04  30 eP     17 21.12  -1.6
MCK      4.29  27 eP     17 25.22  -0.9
GLB      4.90  69 eP     17 32.92  -1.3
NEA      5.01  21 eP     17 33.78  -2.0
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WRH       5.12  26 eP      17 34.92  -2.3
MLY       5.20  12 eP      17 37.51  -0.8
CCB       5.33  26 eP      17 37.62  -2.5
HDA       5.34  31 eP      17 37.96  -2.2
BALM      5.53  74 eP      17 41.33  -1.5
FBA       5.56  25 eP      17 40.06  -3.0
ILB       5.66  29 eP      17 41.75  -2.7
IL1       5.66  29 eP      17 41.80  -2.6
GLM       5.72  26 eP      17 42.90  -2.5
IM3       6.02 358 eP      17 47.96  -1.4
BCA3      6.32  56 eP      17 53.13  -0.4
BM3       8.39  24 eP      18 17.84  -3.6
             71 obs. associated
-------------------------------------
* JUN 05, 1994  09h 42m 19.36± 0.85s
   11.332 S ±14.7km  113.168 E ±16.5km
   DEPTH = 33.0km  (normal)
   4.3mb (  3 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM      7.08 309 iPd     44 02.80  -0.7
NANU    11.39 169 eP      45 03.00   0.1
                  eS      47 03.50
MBL     11.68 148 eP      45 04.00  -2.8
                  iS      47 02.00
MEEK    16.07 162 eP      46 05.00   0.5
                  eS      48 51.00
MRWA    17.99 172 eP      46 29.00   0.4
WARB    19.49 141 eP      46 48.00   1.2
WB2     22.10 115 eP      47 12.90  -0.8
         0.6s      6.70nm          4.3mb
                  i       47 24.40
                  iPP     48 36.40
                  eS      51 05.50
ASPA    23.23 125 eP      47 25.40   0.7
         1.1s      9.90nm          4.2mb
                  i       47 41.70
                  eS      51 39.40
FORT    23.77 147 eP      47 33.00   3.2X
STKA    33.24 132 eP      48 56.70   1.0
         0.7s      3.00nm          4.3mb
GBA     43.24 304 P       50 20.00   0.4
LPB    152.29 177 ePKP    02 20.00  12.2X
LPAZ   152.53 177 PKP     02 19.90  11.5X
      S.D. = 1.3  on  10 of  13 obs.
-------------------------------------
* JUN 05, 1994  10h 05m 59.28± 0.48s
   9.620 S ±19.2km  113.530 E ±18.7km
   DEPTH = 25.3km  (  2 depth phases)
 SOUTH OF JAWA, INDONESIA         (282)

LEM      6.48 295 iPd     07 37.00   1.3
MBL     12.98 153 eP      08 57.00  -7.9X
                  eS      10 09.00
WARB    20.64 145 eP      10 38.00  -1.7
WB2     22.57 119 eP      11 00.70   1.5
         0.6s      4.80nm          4.2mb X
                  ipP     11 09.20  31km
ASPA    23.95 128 iPc     11 13.70   1.1
         1.2s      8.60nm          4.2mb X
STKA    34.15 135 eP      12 44.10  -0.5
         2.9s     27.20nm          4.7mb
ODAN    44.26 326 P       14 09.12   0.2
         0.6s     41.00nm          5.5mb
TAPN    44.46 326 P       14 11.22   0.5
         0.6s     34.00nm          5.4mb
RAMN    44.77 325 P       14 13.70   0.6
JIRN    45.55 325 P       14 19.65   0.2
GUN     45.92 325 P       14 22.26   0.0
         0.6s     48.00nm          5.6mb
PKI     45.92 324 P       14 21.72  -0.6
DMN     46.13 324 P       14 23.48  -0.4
         0.6s     41.00nm          5.6mb
KKN     46.16 324 P       14 24.16   0.1
         0.8s     28.00nm          5.3mb
LZH     46.37 349 eP      14 28.00   2.5X
         1.5s     29.00nm          5.0mb
      Z  15s      0.29um           4.4MszX
                  pP      14 34.00  20km
GKN     46.70 324 P       14 27.84  -0.4
         0.7s     35.00nm          5.5mb
KOLN    47.13 323 P       14 31.26  -0.5
         0.6s     58.00nm          5.8mb
DANN    47.47 324 P       14 33.92  -0.6
         0.6s     62.00nm          5.8mb
PYUN    47.74 323 P       14 35.72  -0.8
         0.6s     26.00nm          5.4mb
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      S.D. = 0.9  on  17 of  19 obs.
-------------------------------------
* JUN 05, 1994  10h 10m 25.58± 0.69s
   6.468 S ± 9.1km  129.004 E ±16.2km
   DEPTH = 33.0km  (normal)
   5.2mb (  6 obs.)
 BANDA SEA                        (280)

SWI      6.01  22 iPc     11 55.50   1.0
                  iS      12 54.00
MTN      6.68 162 eP      12 11.00   7.1X
         0.3s    171.00nm          6.4mb X
                  eS      13 08.00
KNA      9.23 181 eP      12 50.00  10.6X
         0.2s     15.00nm
                  eS      14 31.00
WB2     14.37 159 eP      13 46.80  -1.9
                  eS      16 17.30
ASPA    17.74 165 iPd     14 32.10   0.3
         0.4s     78.30nm          5.2mb X
                  iS      17 42.20
MRWA    25.75 207 eP      15 59.00   4.0X
KLB     27.12 201 eP      16 10.20   2.6
STKA    27.88 157 eP      16 08.20  -6.3X
         1.4s     11.00nm          4.4mb
                  epP     16 43.90 174kmX
                  eS      21 50.90
ODAN    52.16 311 P       19 35.80   0.1
         0.5s     14.00nm          5.2mb
TAPN    52.20 312 P       19 35.88  -0.2
         0.3s     10.00nm          5.2mb
RAMN    52.80 311 P       19 40.86   0.3
         0.5s     22.00nm          5.4mb
JIRN    53.49 311 P       19 46.06   0.3
GUN     53.86 311 P       19 47.80  -0.6
         0.5s     14.00nm          5.2mb
GKN     54.84 311 P       19 55.02  -0.4
         0.6s     11.00nm          5.1mb
KOLN    55.50 310 P       19 59.10  -1.2
PYUN    56.13 310 P       20 04.36  -0.4
      S.D. = 1.2  on  12 of  16 obs.
-------------------------------------
% JUN 05, 1994  11h 01m 59.94± 0.86s
   39.134 N ± 7.4km   27.634 E ± 8.7km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                           (366)
      ML 2.7 (ISK).

IZM      0.79 202 ePg     02 15.40   0.0
                  eSg     02 27.90
DST      0.90  58 ePn     02 17.20  -0.1
EDC      1.22   8 ePn     02 23.00   0.3
EZN      1.23 305 ePn     02 22.60  -0.1
KCT      1.24  26 ePn     02 22.90  -0.2
      S.D. = 0.3  on   5 of   5 obs.
-------------------------------------
% JUN 05, 1994  11h 18m 42.02± 2.15s
   38.634 N ±17.8km   22.544 E ± 7.5km
   DEPTH =   5.0km  (geophysicist)
 GREECE                           (364)

AGG      0.42 337 iPg     18 50.50   0.0
                  eSg     18 59.94
LIT      1.47 358 iPb     19 09.10   0.0
                  eSb     19 31.38
PAIG     1.56  34 ePb     19 10.57   0.1
                  iSb     19 35.26
IGT      1.94 298 ePn     19 16.14   0.2
                  eSn     19 44.30
THE      2.02   9 ePn     19 17.34   0.2
OUR      2.03  33 ePn     19 16.90  -0.3
SOH      2.27  16 iPn     19 21.18   0.4
                  eSn     19 52.62
GRG      2.32 357 ePn     19 21.96   0.4
FNA      2.33 338 ePn     19 21.01  -0.6
SRS      2.61  18 ePn     19 25.26  -0.3
      S.D. = 0.4  on  10 of  10 obs.
-------------------------------------
   JUN 05, 1994  11h 55m 48.88± 0.36s
   11.155 S ± 6.3km  113.422 E ±10.4km
   DEPTH = 46.0km  (  2 depth phases)
   3.6Msz (  1 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM      7.17 306 iPd     57 32.50  -1.4
NANU    11.52 170 iPd     58 33.70   0.1
                  eS      00 35.00
```

05d 11h

MBL 11.70 149 iPc 58 34.50 -1.5
eS 00 36.50
MEEK 16.16 163 eP 59 35.00 0.5
0.3s 25.00nm 4.8mb
eS 02 22.00
MRWA 18.13 173 eP 00 00.00 0.9
0.4s 22.00nm 4.7mb
eS 03 10.00
WARB 19.48 142 eP 00 19.00 4.0X
0.4s 9.00nm 4.4mb
eS 03 43.00
BAL 19.59 172 eP 00 19.50 3.2X
0.4s 12.00nm 4.5mb
SWI 20.45 61 ePc 00 25.00 -0.3
KLB 20.73 169 eP 00 33.00 4.9X
MUN 20.88 173 eP 00 37.00 7.4X
COOL 20.90 161 eP 00 36.00 6.2X
0.4s 22.00nm 4.9mb
NWAO 21.95 171 eP 00 46.50 6.2X
WB2 21.95 116 iPc 00 44.20 3.7X
0.6s 11.60nm 4.5mb
i 00 46.80
ipP 00 58.20 60kmX
eS 04 39.20
ASPA 23.13 125 iPc 00 57.10 5.1X
0.5s 17.10nm 4.8mb
Z 19s 0.20um 3.6Msz
epP 01 08.70 46km
iS 05 10.20
FORT 23.78 147 eP 01 04.00 5.7X
NNT 27.22 330 eP 01 33.80 3.2X
NST 29.72 333 eP 01 54.00 0.8
KMI 37.53 344 eP 03 02.40 1.7
1.2s 20.00nm 4.9mb
pP 03 14.80 46km
ODAN 45.46 327 P 04 05.86 0.1
0.8s 27.00nm 5.2mb
TAPN 45.68 327 P 04 08.02 0.5
0.8s 36.00nm 5.3mb
JIRN 46.75 326 P 04 16.38 0.3
0.7s 37.00nm 5.4mb
PKI 47.11 325 P 04 18.32 -0.5
GUN 47.11 326 P 04 18.92 0.0
0.8s 36.00nm 5.4mb
DMN 47.31 325 P 04 20.38 0.0
KKN 47.35 325 P 04 20.76 0.1
GKN 47.87 325 P 04 24.60 -0.1
KOLN 48.29 324 P 04 27.56 -0.4
0.6s 26.00nm 5.4mb
DANN 48.64 324 P 04 30.40 -0.3
0.9s 56.00nm 5.6mb
PYUN 48.89 324 P 04 32.62 0.0
1.0s 45.00nm 5.5mb
BJI 51.00 3 eP 04 47.50 -0.6
1.3s 10.00nm 4.7mb
XIN 144.84 235 (PKP) 15 27.00 3.5X
MOCB 147.78 182 PKP 15 37.50 8.8X
LPB 152.45 177 PKP 15 54.00 18.1X
LPAZ 152.69 177 PKP 15 48.90 12.4X
S.D. = 0.8 on 20 of 34 obs.

? JUN 05, 1994 12h 19m 01.44±15.19s
31.949 S ±123.km 71.018 W ±24.1km
DEPTH = 60.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.5 (SAN).

JACH 0.81 154 iP+ 19 17.38 0.1
iS 19 29.81
ROCH 1.02 180 iP+ 19 19.68 -0.4
iS 19 35.57
PEL 1.22 167 iP+ 19 22.49 -0.2
iS 19 38.37
LCCH 1.59 197 iP+ 19 28.00 0.3
iS 19 50.78
TACH 1.70 178 iP 19 28.81 -0.5
iS 19 51.45
PCH 1.72 166 iP 19 29.23 -0.4
iS 19 50.97
CHCH 2.00 171 iP 19 33.09 -0.4
iS 19 59.58
LNV 2.03 189 iP 19 33.71 -0.1
iS 20 00.07
CACH 2.19 171 (P) 19 38.00 1.8
iS 20 05.04
S.D. = 0.8 on 9 of 9 obs.

& JUN 05, 1994 13h 51m 21.10s
62.130 N 150.249 W
DEPTH = 52.1km
CENTRAL ALASKA (1)
<AEIC>. ML 3.3 (AEIC), 3.3
(PMR).

CUT 0.28 358 iP 51 29.94 -0.3
PWA 0.51 160 P 51 32.50 -0.2
GHO 0.72 119 P 51 34.90 -0.5
S 51 46.40
PLRM 0.76 135 eP 51 34.94 -0.8
eS 51 46.75
PMR 0.76 135 ePc 51 34.67 -1.1
eS 51 46.62
HUR 0.90 18 eP 51 36.81 -0.9
eS 51 48.98
PMS 0.95 159 P 51 37.80 -0.6
S 51 51.50
SML 0.96 109 eP 51 37.59 -1.0
eS 51 51.66
KNK 1.12 129 P 51 40.00 -0.7
S 51 56.10
NCG 1.16 232 eP 51 40.49 -0.9
CGLM 1.18 226 eP 51 40.79 -0.8
CRP 1.26 227 eP 51 41.89 -0.9
eS 51 58.96
SPU 1.28 223 eP 51 42.27 -0.8
eS 51 59.27
CP2 1.29 228 eP 51 42.10 -1.1
CKN 1.29 226 eP 51 43.18 0.0
CKT 1.32 226 eP 51 42.91 -0.7
TRF 1.33 359 eP 51 42.63 -1.1
SCM 1.41 101 eP 51 44.06 -0.8
eS 52 02.48
RND 1.43 26 eP 51 43.81 -1.3
BKG 1.43 223 eP 51 44.43 -0.8
KTH 1.46 348 eP 51 44.65 -0.9
eS 52 01.71
NKA 1.47 199 eP 51 47.38 1.8
SLKM 1.63 180 eP 51 46.81 -1.0
DHY 1.63 53 eP 51 47.15 -0.9
MCK 1.72 20 eP 51 48.13 -1.0
RDT 1.88 215 eP 51 51.41 0.0
TOA 1.92 89 P 51 51.40 -0.5
DFR 1.94 218 eP 51 51.89 -0.4
REF 2.03 217 eP 51 53.61 0.0
RS2 2.06 217 eP 51 54.43 0.3
RSO 2.06 217 eP 51 54.26 0.1
VZW 2.07 120 eP 51 52.53 -1.5
SEW 2.07 169 eP 51 54.39 0.4
BWN 2.08 9 eP 51 52.98 -1.2
RED 2.11 216 eP 51 54.72 0.1
VLZ 2.12 116 eP 51 52.85 -1.9
KLU 2.15 105 eP 51 53.50 -1.8
NNL 2.16 194 eP 51 57.23 2.0
SDG 2.23 78 eP 51 55.34 -1.0
TZL 2.27 90 P 51 55.90 -1.0
FID 2.28 126 eP 51 55.08 -1.9
PAX 2.37 67 eP 51 57.33 -1.0
BRLK 2.39 188 eP 52 00.20 1.5
LTI 2.40 150 eP 51 56.42 -2.2
THY 2.44 56 eP 51 59.69 0.4
INE 2.49 215 eP 52 00.89 0.8
MTU 2.49 148 eP 51 58.14 -1.9
HIN 2.51 132 eP 51 58.52 -1.8
NEA 2.51 12 eP 51 58.05 -2.2
WRH 2.54 22 eP 51 58.87 -1.9
HOM 2.57 196 eP 52 03.42 2.3
DDM 2.60 48 eP 52 03.01 1.4
CNPM 2.66 191 eP 52 02.81 0.4
CVA 2.69 124 eP 52 01.68 -1.1
HDA 2.73 32 eP 52 01.63 -1.7
CCB 2.76 22 eP 52 01.64 -2.1
SVW 2.76 251 eP 52 01.89 -2.0
TTA 2.79 289 eP 52 01.68 -2.7
DJE 2.82 45 eP 52 04.87 0.2
MLY 2.92 356 eP 52 04.08 -2.1
MDM 2.98 17 eP 52 04.95 -2.1
FBA 2.99 21 eP 52 04.73 -2.4
PDB 3.04 221 eP 52 07.53 -0.3
ILB 3.05 28 eP 52 05.83 -2.2
IL1 3.05 28 eP 52 05.75 -2.3
GLB 3.14 100 eP 52 06.83 -2.4
GLM 3.14 23 eP 52 07.19 -2.1
AUL 3.17 211 eP 52 10.76 1.1
AUE 3.18 210 eP 52 10.27 0.5
AUP 3.18 211 (P) 52 09.56 -0.4
AGU 3.19 211 eP 52 12.24 2.2
AUH 3.19 211 eP 52 11.01 1.0
AUI 3.21 211 eP 52 10.99 0.8
DOT 3.22 59 eP 52 10.75 0.4
MID 3.32 143 P 52 11.70 -0.1
TMW 3.55 67 eP 52 15.35 0.3
MCNL 3.57 216 eP 52 15.81 0.4
CDD 3.62 209 eP 52 15.57 -0.5
SYI 3.69 198 eP 52 15.86 -1.1
BALM 3.93 103 eP 52 17.43 -3.1
BCA3 4.02 73 eP 52 19.03 -2.7
IM3 4.16 340 eP 52 21.00 -2.6
IMA 4.23 341 eP 52 21.53 -3.2
KDC 4.54 195 eP 52 29.90 1.0
CHX 4.89 111 eP 52 33.50 -0.5
FYU 4.96 24 eP 52 34.04 -0.8
BM3 5.83 22 eP 52 43.78 -3.4
87 obs. associated

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* JUN 05, 1994 13h 55m 23.79± 1.16s
35.646 N ± 8.8km 22.078 E ±13.9km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
CENTRAL MEDITERRANEAN SEA (400)
MD 3.8 (ATH).

VLI 1.28 33 ePg 55 45.00 -0.4
VAM 1.75 97 ePb 55 56.80 4.6X
ATH 2.67 29 ePn 56 08.00 2.7X
NPS 2.91 97 ePb 56 16.00 7.2X
AGG 3.38 3 ePn 56 17.51 2.0
eSn 56 54.84
IGT 4.12 341 ePn 56 25.60 -0.4
iSn 57 12.00
KEK 4.44 337 ePn 56 36.00 5.4X
PAIG 4.46 16 eP 56 28.92 -1.9
LIT 4.46 4 ePn 56 32.03 1.2
eSn 57 18.36
OUR 4.92 17 ePn 56 37.16 -0.1
THE 5.03 8 ePn 56 39.51 0.7
FNA 5.16 354 ePn 56 40.67 -0.1
eSn 57 36.24
SOH 5.26 11 ePn 56 42.16 -0.1
GRG 5.31 3 ePn 56 42.39 -0.5
KNT 5.55 6 ePn 56 46.48 0.3
SRS 5.59 12 ePn 56 46.03 -0.8
ALN 6.10 30 ePn 56 54.32 0.3
HVAR 8.69 332 i(Pn) 57 35.30 5.2X
KHC 14.85 338 eP 59 01.00 8.0X
e 59 08.00
e 59 21.50
HFS 25.10 350 eP 00 45.90 -0.8
0.5s 2.80nm 4.1mb
Z 15s 0.02um 2.7MszX
LR 10 54.00
PYUN 51.56 80 P 04 29.48 0.3
DANN 52.08 80 P 04 33.66 0.5
0.9s 30.00nm 5.3mb X
KOLN 52.19 80 P 04 33.68 -0.2
GKN 52.92 80 P 04 39.28 0.0
DMN 53.47 80 P 04 43.26 -0.1
0.7s 27.00nm 5.3mb X
KKN 53.53 80 P 04 43.72 -0.1
PKI 53.73 80 P 04 45.44 0.1
S.D. = 0.8 on 21 of 27 obs.

JUN 05, 1994 14h 49m 49.58± 0.61s
35.271 N ± 5.5km 4.046 W ± 8.0km
DEPTH = 33.0km (normal)
STRAIT OF GIBRALTAR (385)
mbLg 3.3 (MDD). MD 3.0 (RBA).

EMEL 0.89 88 eP 50 05.26 -0.5
eS 50 18.50
TAF 1.41 108 iPn 50 15.00 1.7
i 50 17.00
eSn 50 33.00
i 50 37.00
EGUA 1.61 14 eP 50 15.40 -0.6
eS 50 37.10
ERON 1.75 6 eP 50 18.32 0.0
eS 50 39.30
ELOJ 1.87 357 eP 50 20.77 0.8
eS 50 42.90
IFR 1.97 207 iPn 50 21.50 0.1
iSn 50 45.00

ECOG 2.04 11 eP 50 22.04 -0.3
eS 50 48.60
ENIJ 2.26 41 eP 50 24.10 -1.3
eS 50 51.40
ELUQ 2.29 356 eP 50 27.04 1.2
eS 50 52.90
EHOR 2.72 340 eP 50 32.41 0.5
eS 51 03.70
EHUE 2.80 24 eP 50 32.31 -0.7
eS 51 05.30
TIO 5.10 213 iPn 51 05.00 -0.9
iSn 52 01.00
i 52 03.00
S.D. = 1.0 on 12 of 12 obs.

JUN 05, 1994 14h 50m 26.88± 1.35s
40.715 N ± 8.8km 30.006 E ± 9.7km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 3.3 (ISK).

GPA 0.48 151 iPg 50 36.30 -0.3
eSg 50 43.00
YLV 0.50 253 iPg 50 36.80 -0.2
eSg 50 44.30
IZI 0.56 227 iPg 50 38.30 0.3
ISK 0.80 296 iPg 50 43.00 0.2
iSg 50 53.30
CTT 1.27 290 iPn 50 50.80 -0.1
KCT 1.34 250 ePn 50 52.30 0.2
DST 1.53 224 ePn 50 56.00 1.0
DMK 2.02 304 ePn 51 03.00 1.0
EZN 2.95 254 ePn 51 15.50 0.2
ALN 3.01 275 iP 51 22.94 6.8X
eS 51 59.82
OUR 4.61 267 iP 51 46.82 8.1X
PAIG 4.90 263 eP 51 55.98 13.0X
KNT 5.40 277 eP 51 56.58 6.5X
LIT 5.77 266 eP 51 53.06 -2.2
FNA 6.55 273 eP 51 59.06 -7.3X
S.D. = 1.0 on 10 of 15 obs.

* JUN 05, 1994 15h 02m 29.58± 0.54s
10.779 S ±11.6km 112.724 E ±13.1km
DEPTH = 43.9km (3 depth phases)
4.8mb (9 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.39 307 iPd 04 02.50 -1.4
eS 04 18.50
MBL 12.38 147 eP 05 17.50 -8.4X
iS 07 24.50
MEEK 16.73 161 eP 06 17.00 -5.4X
0.3s 11.00nm 4.5mb
eS 09 08.00
MRWA 18.60 171 eP 06 40.20 -5.4X
SWI 20.89 63 ePd 07 10.50 -0.1
COOL 21.48 160 eP 07 16.00 -0.6
e 07 20.00 15kmX
WB2 22.73 116 eP 07 28.60 -0.5
0.7s 31.50nm 4.9mb
ipP 07 40.40 47km
eS 11 47.50
ipP 19 09.80
eS 22 59.40
ASPA 23.90 125 eP 07 41.00 0.5
1.3s 16.60nm 4.4mb
Z 20s 0.20um 3.6Msz
epP 07 51.40 39km
eS 12 02.30
FORT 24.47 147 eP 07 46.00 0.2
NNT 26.56 331 eP 08 06.20 0.7
NST 29.09 334 eP 08 30.50 2.1
LOE 30.04 339 iPd 08 36.00 -0.9
BDT 30.97 334 eP 08 44.80 -0.3
CHTO 32.39 335 eP 08 58.00 0.4
STKA 33.93 133 eP 09 10.90 0.1
0.8s 21.60nm 5.1mb
KMI 36.99 345 Pd 09 38.80 1.7
1.2s 20.00nm 4.9mb
pP 09 51.20 46km
TOO 39.71 138 eP 10 03.60 4.1X
GBA 42.57 304 P 10 22.90 -0.3
0.8s 7.00nm 4.4mb
LZH 47.36 350 eP 10 59.50 -1.9
1.2s 25.00nm 5.1mb
sP 11 19.50

BJI 50.66 3 eP 11 25.00 -1.5
1.0s 6.00nm 4.6mb
OBN 90.95 326 ePd 15 31.50 1.6
1.2s 18.00nm 5.3mb
LMN 144.99 357 ePKP 22 04.00 0.2
MIAR 146.31 41 ePKP 22 08.70 2.3X
BINY 147.78 12 ePKP 22 12.04 3.5X
MOCB 148.13 183 PKP 22 17.20 6.9X
NAV 150.91 23 ePKP 22 20.14 6.6X
LPB 152.85 178 ePKP 22 31.00 13.6X
LPAZ 153.09 178 PKP 22 28.10 10.1X
JSC 153.34 26 (PKP) 22 26.06 9.0X
LHS 153.37 26 (PKP) 22 25.45 8.4X
S.D. = 1.2 on 18 of 30 obs.

* JUN 05, 1994 15h 14m 00.38± 0.67s
11.155 S ± 8.2km 113.088 E ±14.1km
DEPTH = 23.0km (2 depth phases)
4.6mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.91 308 iPd 15 42.50 -0.5
NANU 11.58 169 eP 16 48.00 0.6
eS 18 52.00
MBL 11.87 148 iPc 16 49.60 -1.7
iS 18 51.00
MEEK 16.26 162 eP 17 50.00 1.0
eS 20 37.00
MRWA 18.18 172 eP 18 13.00 0.0
eS 21 23.00
WARB 19.68 141 eP 18 36.00 4.9X
eS 21 58.00
SWI 20.74 62 ePd 18 42.50 0.3
ASPA 23.39 125 eP 19 12.90 4.3X
0.9s 11.30nm 4.4mb
ipP 19 22.00 33km
eS 23 27.40
STKA 33.42 132 eP 20 44.20 4.6X
0.9s 7.50nm 4.6mb
KMI 37.44 344 eP 21 17.20 3.0X
LZH 47.79 350 eP 22 39.00 0.8
2.0s 23.00nm 4.9mb
pP 22 43.00 13km
BJI 51.01 3 eP 23 02.00 -0.6
1.2s 8.00nm 4.5mb
LPB 152.47 178 PKP 34 02.70 12.1X
LPAZ 152.71 177 PKP 34 03.80 12.6X
S.D. = 1.1 on 8 of 14 obs.

% JUN 05, 1994 15h 16m 00.98± 0.94s
39.248 S ± 6.2km 174.650 E ± 6.5km
DEPTH = 185.1 ± 10.5 km
NORTH ISLAND, NEW ZEALAND (159)

NRZ 0.56 261 P 16 27.20 0.3
MOZ 0.75 9 P 16 27.10 -0.7
S 16 43.70
WAHZ 1.39 109 P 16 32.20 -0.6
MNG 1.51 155 P 16 33.60 -0.2
S 16 52.60
KIW 1.63 173 P 16 34.80 -0.1
DIW 1.65 200 P 16 35.30 0.2
TTH 1.71 101 P 16 35.80 0.1
CAW 1.89 170 Pc 16 37.80 0.3
MRW 1.98 179 P 16 38.80 0.3
S 17 03.80
TCW 1.98 188 P 16 39.00 0.5
MTW 2.02 161 Pc 16 38.70 -0.2
WEL 2.04 178 P 16 39.40 0.3
BLW 2.21 164 Pc 16 41.00 -0.1
MOW 2.22 168 P 16 41.20 0.0
AMW 2.23 158 P 16 41.30 0.0
MAHZ 2.51 90 P 16 44.50 0.0
THZ 2.84 207 P 16 49.20 0.7
S 17 23.90
PUZ 3.06 69 P 16 50.90 -0.1
S 17 23.30
HBZ 3.31 61 P 16 54.80 0.7
LTZ 3.96 206 eP 17 02.00 -0.4
S 17 45.20
MQZ 4.70 198 eP 17 10.40 -1.4
S 18 00.00
ODZ 6.51 206 eP 17 35.80 0.4
S.D. = 0.5 on 22 of 22 obs.

* JUN 05, 1994 16h 29m 08.46± 0.39s
10.837 S ± 9.3km 114.000 E ±15.7km

DEPTH = 33.0km (normal)
4.4mb (6 obs.)
SOUTH OF BALI, INDONESIA (284)

MBL 11.69 152 eP 31 56.40 0.3
iS 33 57.00
MEEK 16.31 165 eP 32 57.00 0.3
0.3s 9.00nm 4.4mb
eS 35 45.00
MRWA 18.38 174 eP 33 22.10 -0.5
0.3s 4.00nm 4.1mb
eS 36 31.00
WARB 19.38 144 eP 33 41.50 6.8X
eS 37 03.00
WRA 21.58 117 P 33 57.30 -0.2
1.2s 0.40nm 2.7mb X
WB2 21.59 117 iPc 34 06.80 9.2X
0.4s 5.30nm 4.3mb
ASPA 22.85 127 iPc 34 19.60 9.4X
0.5s 6.00nm 4.3mb
iS 38 33.00
ODAN 45.52 326 P 37 27.11 0.0
JIRN 46.80 325 P 37 37.29 -0.2
GUN 47.17 325 P 37 40.69 0.3
DMN 47.38 324 P 37 41.95 0.1
KKN 47.42 325 P 37 42.15 0.0
GKN 47.95 324 P 37 45.67 -0.6
KOLN 48.37 323 P 37 49.85 0.3
0.6s 8.00nm 4.9mb
DANN 48.71 324 P 37 52.51 0.2
0.8s 16.00nm 5.1mb
GEC2 104.85 318 Pdiff 43 28.00 14.6X
1.1s 0.65nm
e 43 33.00
S.D. = 0.3 on 12 of 16 obs.

? JUN 05, 1994 16h 30m 03.01± 9.83s
38.554 N ±49.4km 26.096 E ±67.4km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.1 (ISK).

IZM 0.93 99 ePg 30 20.80 0.0
eSg 30 33.00
EZN 1.28 8 iPn 30 26.60 -0.2
DST 2.23 61 ePn 30 40.00 -0.6
EDC 2.25 37 ePn 30 41.00 0.1
KCT 2.44 45 ePn 30 44.00 0.5
S.D. = 0.6 on 5 of 5 obs.

JUN 05, 1994 16h 54m 08.19± 0.39s
29.601 N ± 9.0km 52.313 E ± 4.8km
DEPTH = 33.0km (normal)
4.5mb (21 obs.)
SOUTHERN IRAN (353)
Felt in the Firuzabad area.

DHR 3.81 211 eP 55 21.25 15.4X
eS 56 11.75
KER 6.48 318 eP 56 22.00 38.1X
RYD 7.03 228 eP 55 51.00 -0.5
eS 57 06.75
MJMA 7.26 241 eP 55 54.00 -0.7
QASM 8.52 248 eP 56 13.00 0.7
MAIO 9.00 40 eP 56 29.00 10.1X
UQSK 9.60 249 eP 56 28.00 0.7
KMSA 11.60 219 ePc 56 50.17 -4.4X
GKN 28.32 85 P 00 01.92 0.7
0.5s 8.00nm 4.7mb
DMN 28.81 86 P 00 05.86 0.1
0.5s 11.00nm 4.8mb
KKN 28.92 85 P 00 06.76 0.0
0.5s 17.00nm 5.0mb
PKI 29.08 86 P 00 07.80 -0.5
0.6s 16.00nm 4.9mb
GUN 29.42 85 P 00 12.78 1.4
0.6s 17.00nm 4.9mb
JIRN 29.74 85 P 00 14.19 -0.1
RAMN 30.25 87 P 00 17.06 -1.6
0.5s 9.00nm 4.8mb
KHC 35.24 315 eP 01 08.00 6.5X
1.0s 3.50nm 4.2mb
e 01 12.00
e 01 18.00
NUR 36.03 337 iP 01 15.00 7.1X
0.4s 5.20nm 4.8mb
CLL 36.34 318 e(P) 01 18.00 7.3X

05d 17h

KAF 36.70 340 eP 01 21.10 7.5X
0.4s 2.10nm 4.4mb
SBF 38.21 304 eP 01 26.20 -0.5
0.8s 12.20nm 4.8mb
LPG 38.90 307 eP 01 34.40 1.7
0.9s 10.00nm 4.6mb
LPL 38.92 307 eP 01 34.40 1.6
0.5s 3.00nm 4.3mb
HFS 40.00 331 eP 01 47.30 6.1X
0.4s 3.60nm 4.4mb
Z 18s 0.04um 3.3Msz
LR 18 23.00
LBF 41.01 309 eP 01 49.80 0.0
0.6s 2.05nm 4.0mb
SMF 41.06 308 eP 01 49.80 -0.3
0.8s 7.80nm 4.5mb
LOR 41.13 309 eP 01 49.50 -1.2
1.1s 6.60nm 4.3mb
SSF 41.34 309 eP 01 51.60 -0.8
0.9s 4.90nm 4.2mb
AVF 41.41 308 eP 01 53.10 0.1
1.0s 5.00nm 4.2mb
NB2 41.52 331 P 02 00.20 6.5X
0.6s 2.10nm 4.0mb
FLN 44.20 311 eP 02 14.80 -0.9
1.0s 12.80nm 4.7mb
LPF 44.50 310 eP 02 17.90 -0.3
0.7s 4.95nm 4.5mb
S.D. = 0.9 on 21 of 31 obs.

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* JUN 05, 1994 17h 33m 40.59± 1.32s
9.278 N ±10.8km 126.712 E ±14.0km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

BIP 1.14 204 iP 34 00.50 0.2
CGP 2.15 248 ePc 34 14.00 -0.9
eS 34 45.00
PLP 2.54 318 ePd 34 20.00 -0.3
eS 34 28.00
MAP 2.89 291 iPc 34 26.00 0.7
iS 35 01.00
CTB 3.23 230 ePc 34 30.50 0.3
WB2 29.99 166 eP 39 47.40 -1.2
0.9s 1.90nm 3.9mb
ASPA 33.49 168 eP 40 20.40 1.2
0.4s 6.20nm 4.9mb
eS 44 47.40
STKA 43.33 161 eP 41 52.20 10.9X
0.5s 3.40nm
S.D. = 1.1 on 7 of 8 obs.

JUN 05, 1994 17h 51m 57.02± 0.22s
10.645 S ± 4.4km 112.654 E ± 5.2km
DEPTH = 39.8km (10 depth phases)
5.6mb (50 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 5.5 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 67C
Centroid Location:
Origin Time 17:52: 0.7 0.7
Lat 10.83S 0.05 Lon 112.81E 0.04
Dep 15.0 BDY Half-duration 1.5
Moment Tensor; Scale 10**17 Nm
Mrr=-1.31 0.05 Mtt= 1.53 0.04
Mff=-0.22 0.07 Mrt= 0.02 0.24
Mrf=-0.93 0.16 Mtf=-0.21 0.05
Principal Axes:
T Val= 1.56 Plg= 3 Azm= 8
N 0.28 30 100
P -1.85 60 273
Best Double Couple:Mo=1.7*10**17
NP1:Strike= 71 Dip=49 Slip=-131
NP2: 304 55 -53

LEM 6.26 307 iPd 53 28.30 -1.2
eS 54 12.00
MKS 8.64 52 ePc 54 04.30 1.8
NANU 12.17 167 eP 54 42.50 -8.2X
eS 56 49.00
MBL 12.52 147 eP 54 47.00 -8.5X
eS 56 51.50
KGM 15.64 323 ePd 55 37.10 0.8
e 55 47.70
TSM 15.72 20 eP 55 37.00 -0.4
KNA 16.48 110 eP 55 42.50 -4.6X
MEEK 16.87 161 eP 55 45.40 -6.6X
0.3s 101.00nm 5.4mb
eS 58 39.00
KKM 16.95 12 ePd 55 53.50 0.4
KLM 17.51 321 eP 55 57.00 -3.0X
MTN 18.22 99 eP 56 07.00 -1.8
0.4s 79.00nm 5.2mb
eS 59 20.00
MRWA 18.74 171 eP 56 09.30 -5.8X
0.4s 47.00nm 5.0mb
eS 59 22.00
IPM 19.05 322 ePc 56 17.90 -0.9
1.1s 103.60nm 5.0mb
BAL 20.22 170 eP 56 29.00 -2.5
0.4s 25.00nm 4.9mb
eS 59 58.00
WARB 20.34 141 eP 56 30.30 -2.5
eS 00 00.00
SWI 20.89 63 ePc 56 37.00 -1.4
PPR 21.17 17 ePd 56 41.00 -0.3
KLB 21.37 168 eP 56 41.00 -2.3
SNG 21.38 325 eP 56 42.50 -0.9
eS 00 48.00
MUN 21.48 172 eP 56 42.00 -2.4
eS 00 28.00
COOL 21.63 160 eP 56 44.00 -1.9
0.3s 38.00nm 5.3mb
e 56 49.00 18kmX
eS 00 24.00
DAV 21.81 37 eP 56 46.20 -1.6
eS 00 44.80
CGP 22.44 33 eP 56 55.00 1.0
NWAO 22.57 170 eP 56 51.00 -4.2X
0.5s 13.00nm 4.6mb
Z 20s 2.20um 4.6Msz
WRA 22.84 116 P 56 57.29 -0.7
0.7s 52.00nm 5.1mb
WB2 22.85 116 iPc 56 57.00 -1.1
1.0s 132.90nm 5.4mb
i 56 59.20
ipP 57 09.00 48km
eS 01 01.80
BIP 23.12 36 eP 57 03.50 2.8X
MAP 23.68 29 eP 57 04.00 -2.1
ASPA 24.04 125 P 57 09.39 -0.2
0.6s 94.80nm 5.5mb
RKG 24.14 171 eP 57 11.00 0.5
FORT 24.62 147 eP 57 14.00 -1.1
0.6s 56.00nm 5.3mb
eS 01 14.00
PLP 24.89 30 ePd 57 17.50 -0.3
PGP 25.36 19 ePd 57 22.60 0.3
NNT 26.41 331 iPc 57 32.70 0.8
BAG 28.00 16 eP 57 44.30 -2.4
NST 28.94 334 iPc 57 55.80 0.9
CVP 29.59 18 eP 58 02.00 1.3
LOE 29.89 339 iPd 58 03.00 -0.4
BDT 30.82 334 eP 58 11.20 -0.4
0.8s 51.90nm 5.4mb
CHTO 32.24 335 iPd 58 24.20 0.1
1.2s 78.82nm 5.5mb
CTA 33.67 110 iPc 58 37.00 0.4
1.2s 39.06nm 5.2mb
Z 18s 15.46um 5.8Msz
i 59 22.00 218kmX
eS 04 02.00
eSS 05 30.00
ADE 33.90 140 iPc 58 38.30 -0.2
STKA 34.07 133 iPc 58 38.80 -1.1
1.0s 193.70nm 6.0mb
ipP 58 50.50 43km
iPcP 01 17.00
eS 04 59.30
KMI 36.84 345 P- 59 05.00 1.3
1.4s 1.80nm 3.8mb X
Z 16s 3.90um 5.3MszX
E 13s 1.50um
TOO 39.85 138 iPc 59 30.30 1.7
1.0s 111.00nm 5.6mb
GUMO 40.02 54 eP 59 29.00 -1.1
0.7s 167.30nm 5.9mb
PJG 40.02 54 eP 59 28.30 -1.8
GUA 40.02 54 eP 59 28.70 -1.5
0.8s 155.22nm 5.8mb
ARMA 41.18 124 iPc 59 41.30 1.6
0.8s 13.00nm 4.7mb
CNB 41.40 132 iPc 59 42.00 0.6
1.1s 35.00nm 5.0mb
RIV 42.09 129 iPc 59 48.90 2.0
Z 20s 0.35um 4.2Msz
eS 06 12.00
SSE 42.30 11 Pd+ 59 49.00 0.4
1.2s 33.00nm 4.9mb
Z 20s 0.90um 4.7Msz
N 14s 0.50um
pP 00 02.00 48km
S 06 03.00
GBA 42.44 304 Pd 59 50.00 0.0
HYB 43.74 309 eP 00 00.00 -0.5
ODAN 44.63 327 P 00 07.07 -0.8
0.7s 99.00nm 5.7mb
TAPN 44.85 328 P 00 09.47 -0.3
RAMN 45.12 326 P 00 11.57 -0.3
1.3s 245.00nm 5.9mb
JIRN 45.91 327 P 00 17.59 -0.6
0.7s 159.00nm 6.0mb
PKI 46.26 326 P 00 19.63 -1.4
0.1s 169.00nm 6.9mb X
GUN 46.27 327 P 00 20.33 -0.7
0.7s 143.00nm 6.0mb
DMN 46.46 326 P 00 21.41 -1.0
0.7s 132.00nm 6.0mb
KKN 46.51 326 P 00 22.13 -0.6
1.5s 317.00nm 6.1mb
GKN 47.03 325 P 00 26.23 -0.6
LZH 47.22 350 Pd 00 27.80 -0.4
1.6s 141.00nm 5.7mb
Z 30s 1.49um 4.8MszX
N 15s 0.74um
pP 00 39.00 39km
sP 00 45.50
PP 02 20.00
S 07 18.00
sS 07 38.00
KOLN 47.44 324 P 00 28.73 -1.4
0.4s 67.00nm 5.9mb
DANN 47.79 325 P 00 31.83 -1.1
0.8s 135.00nm 6.0mb
POO 48.02 307 iP 00 32.60 -2.0
1.0s 40.00nm 5.4mb
PYUN 48.04 324 P 00 33.97 -0.9
BJI 50.53 4 eP 00 52.00 -1.4
1.5s 42.00nm 5.2mb
Z 22s 0.75um 4.7Msz
N 18s 0.94um
esP 01 06.00
eS 08 00.00
eSS 11 32.00
NDI 51.97 320 iPc 01 02.50 -2.1
DRV 58.93 168 eP 02 06.00 11.7X
eS 10 18.00
ZAK 61.32 353 iPd 02 10.00 -0.8
1.5s 73.00nm 5.6mb
Z 16s 0.70um 4.9MszX
N 16s 1.26um
E 16s 0.29um
e 04 27.00 749kmX
eS 10 28.00
CIT 62.39 1 eP 02 18.00 0.0
YSS 63.37 23 iPd- 02 23.20 -1.3
1.2s 90.00nm 5.8mb
Z 18s 0.20um 4.3Msz
e 02 34.80 39km
e 04 40.00
eS 10 50.00
e 11 26.00
MAW 65.62 199 eP 02 39.00 0.1
BOD 68.26 1 eP 02 54.20 -1.4
1.4s 81.00nm 5.6mb
MAIO 68.41 316 iPd 02 56.00 -1.2
eS 12 08.00
ASH 70.06 317 P 03 07.00 -0.1
1.5s 240.00nm 6.0mb
YAK 73.65 8 iPd 03 27.20 -0.8
1.4s 326.00nm 6.1mb
Z 18s 0.30um 4.6Msz
N 16s 0.50um
E 15s 0.50um
i 03 38.00 35km
eS 12 52.00
e 13 22.00
SYO 74.10 201 ePd 03 29.40 -1.2

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PET    74.55  27 eP     03 30.00  -3.4X
                 eS     13 08.00
NAI    75.86 271 eP     03 45.00   3.0X
AAE    76.06 282 eP     03 46.50   3.3X
KER    76.49 309 iPd    03 43.70  -1.4
TAB    78.53 312 eP     03 56.00  -0.3
SPA    79.42 180 iPd    04 00.70   0.1
       1.0s      8.00nm         4.6mb
     Z 23s       0.12um         4.2MszX
SVE    79.66 334 iPd    04 02.30   0.5
       1.9s    160.00nm         5.7mb
     Z 20s       0.60um         4.9Msz
     N 20s       0.50um
     E 20s       0.50um
                 e      04 14.00  39km
                 eS     14 00.00
ARU    80.31 333 iPd    04 06.40   1.2
       1.5s    100.00nm         5.6mb
                 e      04 17.00  34km
SLR    80.43 246 iPd    04 08.00   1.2
       1.0s     60.00nm         5.5mb
MTA    81.03 315 iP     04 10.60   1.3
                 e      15 20.00
GRO    81.08 317 iPc    04 12.00   2.4
       2.0s    240.00nm         5.8mb
SMY    81.95  33 P      04 20.00   6.1X
     Z 20s       1.04um         5.2Msz
BOSA   82.58 242 eP     04 19.50   1.7
PYA    83.10 317 iPd    04 21.00   0.9
KIV    83.32 317 iPd    04 22.80   1.4
     Z 17s       0.10um         4.2MszX
                 epP    04 33.80  35km
                 esP    04 39.30
SOC    85.21 316 iPd-   04 31.50   0.8
       1.2s    100.00nm         5.9mb
SNA    88.17 198 iPc    04 45.20   0.5
       0.4s     13.00nm         5.6mb
MOS    90.44 327 iPd    04 56.00   0.5
       2.0s    160.00nm         6.0mb
                 e      05 12.00  55kmX
                 e      08 32.00
OBN    90.80 326 iPd    04 58.10   0.9
       1.3s     61.00nm         5.8mb
                 i      05 09.80  38km
                 e      08 33.00
ILT    91.97  21 iPc    05 04.50   2.1
       1.7s     49.00nm         5.7mb
                 i      05 11.00  20kmX
                 eS     16 06.00
BCAO   94.85 274 iPc    05 14.10  -2.7
       0.9s     27.00nm         5.7mb
                 i      05 36.70  82kmX
LVZ    95.31 338 (P)    05 24.20   6.4X
MNK    95.63 324 eP     05 19.00  -0.4
SDN    96.88  35 (P)    05 24.22  -0.8
       0.7s     59.70nm         6.2mb
KAF    97.62 332 iP     05 28.90   0.7
NUR    98.19 330 eP     05 31.40   0.6
PMR   103.20  29 Pdiff  06 00.00   6.7X
     Z 20s       0.17um         4.6Msz
GEC2  103.82 318 Pdiff  05 56.50  -0.1
       1.6s      2.60nm         4.8mb
                 e      06 01.90
                 e      06 08.00
RES   114.11   8 ePKP   10 34.00   0.9
GMW   120.85  41 ePKP   10 48.53   1.8
LON   121.74  41 ePKP   10 48.72   0.2
WDC   123.11  48 PKP    11 00.00   8.8X
     Z 19s       0.14um         4.7Msz
LBFM  123.38  47 ePKP   10 53.68   1.7
NEW   124.11  38 ePKP   10 54.29   1.3
     Z 21s       0.20um         4.7Msz
ARN   124.70  52 ePKP   10 56.58   2.1X
SAO   124.91  52 PKP    11 10.00  15.2X
     Z 19s       0.20um         4.8Msz
CMB   125.40  51 PKP    11 10.00  14.2X
     Z 20s       0.18um         4.7Msz
ISA   127.51  53 PKP    11 10.00  10.0X
     Z 19s       0.17um         4.8Msz
ELK   128.33  46 ePKP   11 03.35   1.7
TPNV  128.87  51 ePKP   11 04.50   1.8
HHAI  129.24  42 ePKP   11 06.91   3.8X
HVU   129.63  44 ePKP   11 06.24   2.3X
DUG   130.25  46 PKP    11 07.54   2.4X
     Z 19s       0.14um         4.7Msz
MSU   131.36  47 ePKP   11 09.87   2.4X
EMUT  131.80  45 ePKP   11 10.12   1.8
SRU   132.30  46 ePKP   11 11.29   2.1X
PV08  133.85  46 ePKP   11 14.99   2.6X
RSSD  134.03  37 ePKP   11 13.48   1.1
ULM   134.04  25 ePKP   11 15.00   3.2X
TUC   134.59  55 ePKP   11 16.47   2.9X
     Z 20s       0.17um         4.8Msz
GOL   135.58  43 ePKP   11 17.31   1.8
GLD   135.65  43 PKP    11 30.00  14.5X
     Z 20s       0.38um         5.1Msz
JAQ   136.44   7 ePKP   11 16.00  -0.3
ALQ   136.99  49 ePKP   11 20.09   1.9
LTX   141.36  56 ePKP   11 20.18  -6.0X
WMOK  142.64  45 ePKP   11 24.64  -3.6X
     Z 20s       0.21um         4.9Msz
MEO   142.75  45 iPKPd  11 25.40  -3.0X
CBM   143.83   1 ePKP   11 28.22  -1.5
     Z 21s       0.16um         4.7Msz
TUL   143.98  41 iPKPc  11 29.60  -0.8
GAC   144.38  10 ePKP   11 30.00  -0.7
XIN   144.50 237 ePKP   11 28.90  -3.0X
LMN   144.85 357 ePKP   11 31.50  -0.1
       1.0s     13.00nm
ACTO  145.35  16 PKP    11 33.05   0.6
ITR   145.36 237 ePKP   11 25.80  -7.6X
WLVO  145.49  14 PKP    11 33.17   0.5
FVM   145.80  33 ePKP   11 33.90   0.5
     Z 18s       0.43um         5.3Msz
                 iPKPbc11 34.89
                 epPKP  11 46.45
TYNO  145.88  16 PKP    11 34.49   1.1
STCO  145.97  16 PKP    11 34.56   1.1
MIAR  146.25  41 ePKP   11 35.78   1.5
     Z 21s       0.24um         5.0Msz
LBNH  146.29   6 ePKP   11 34.74   0.7
     Z 20s       0.22um         4.9Msz
DON   146.65  34 ePKP   11 36.15   1.3
YSNY  146.82  15 ePKP   11 35.51   0.5
     Z 20s       0.23um         5.0Msz
                 iPKPbc11 37.89
GRT   147.60  35 ePKP   11 39.35   3.0X
BAO   147.61 217 ePKP   11 39.60   2.5X
BINY  147.67  12 ePKP   11 37.74   1.4
     Z 19s       0.26um         5.0Msz
                 ePKPbc11 40.52
                 e      11 51.27
MFTN  147.69  35 ePKP   11 40.52   4.0X
HRV   148.05   6 ePKP   11 41.20   4.3X
     Z 20s       0.26um         5.0Msz
MOCB  148.26 183 PKP    11 41.00   2.6X
LSCT  148.66   8 PKP    11 50.00  12.1X
     Z 21s       0.34um         5.1Msz
GPD   149.10  11 ePKP   11 43.58   5.0X
PNJ   149.27  10 ePKP   11 40.80   2.0
GMTN  149.28  10 iPKP   11 44.60   5.7X
NAV   150.81  22 ePKP   11 42.89   1.5
                 ePKPbc11 47.64
CVL   151.01  18 (PKP)  11 42.89   1.3
                 ePKPbc11 49.07
BLA   151.04  22 (PKP)  11 44.06   2.4X
                 ePKPbc11 48.80
MYNC  151.28  30 PKP    11 50.00   7.9X
     Z 20s       0.21um         4.9Msz
CCH   152.12 182 PKP    11 53.80   9.6X
CEH   152.70  21 ePKP   11 45.79   1.7
     Z 21s       0.20um         4.9Msz
                 ePKPbc11 52.75
LPB   152.99 178 PKP    11 54.80   9.3X
LPAZ  153.23 178 PKP    11 55.60   9.4X
JSC   153.25  26 ePKP   11 46.68   1.8
                 ePKPbc11 54.07
SGS   154.50  26 ePKP   11 49.60   3.0X
                 ePKPbc11 57.57
    S.D. = 1.3  on 124 of 172 obs.
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? JUN 05, 1994 17h 58m 06.56± 7.27s
  38.580 N ±38.3km    26.226 E ±50.8km
  DEPTH = 10.0km  (geophysicist)
AEGEAN SEA                        (365)
    ML 3.1 (ISK).

IZM     0.83 102 ePg    58 22.80   0.1
                 eSg    58 35.00
EZN     1.25   4 iPn    58 29.60  -0.1
DST     2.13  61 ePn    58 42.00  -0.7
EDC     2.17  35 ePn    58 43.00  -0.3
KCT     2.35  44 ePn    58 46.70   0.9
    S.D. = 0.9  on   5 of   5 obs.
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 JUN 05, 1994  18h 30m 15.13± 0.30s
 10.683 S ± 6.5km  112.417 E ± 8.8km
 DEPTH = 35.8km  (  4 depth phases)
 5.2mb ( 23 obs.)
SOUTH OF JAWA, INDONESIA          (282)

LEM     6.10 309 iPc    31 46.30   0.8
                 iS     32 59.80
MKS     8.85  53 ePd    32 17.00  -6.6X
MBL    12.62 147 eP     33 07.50  -7.6X
MEEK   16.91 161 eP     34 05.00  -5.9X
       0.3s     22.00nm         4.8mb
                 eS     37 01.00
IPM    18.93 323 ePc    34 34.10  -1.8
BAL    20.22 169 eP     34 48.00  -2.0
WARB   20.46 141 eP     34 50.00  -2.5
                 eS     38 23.00
SWI    21.11  64 ePc    34 55.50  -3.7X
PPR    21.27  17 iPc    34 59.50  -1.3
SNG    21.28 326 eP     35 00.30  -0.6
COOL   21.67 159 eP     35 05.70   0.9
                 e      35 09.00  12kmX
NWAO   22.58 169 eP     35 11.50  -2.2
BIP    23.29  37 eP     35 22.50   1.7
ASPA   24.20 125 P      35 29.79   0.1
       0.8s     29.70nm         4.9mb
FORT   24.72 146 eP     35 34.00  -0.5
PLP    25.04  30 eP     35 36.00  -1.7
PGP    25.48  20 ePc    35 41.40  -0.5
NNT    26.33 331 iPc    35 50.50   0.8
NST    28.87 335 eP     36 13.50   0.7
LOE    29.84 339 eP     36 21.00  -0.5
BDT    30.75 334 eP     36 29.00  -0.5
CHTO   32.18 336 iPd    36 42.20   0.1
       0.8s     19.95nm         5.1mb
STKA   34.22 132 iPc    36 58.40  -1.3
       0.9s     40.60nm         5.4mb
                 ipP    37 09.10  38km
KMI    36.82 345 Pc+    37 24.00   2.0
       1.0s     30.00nm         5.1mb
     Z 14s       1.30um         4.9MszX
     N 13s       0.60um
     E 13s       0.50um
                 pP     37 34.00  34km
                 eS     43 10.00
TOO    39.98 138 eP     37 49.80   1.6
GBA    42.27 304 Pd     38 07.00  -0.1
SSE    42.38  11 Pc     38 07.50  -0.3
       1.0s     24.00nm         4.9mb
TAPN   44.76 328 P      38 27.75   0.2
       0.7s     82.00nm         5.7mb
RAMN   45.03 327 P      38 29.79   0.1
JIRN   45.81 327 P      38 35.73  -0.3
       0.7s    136.00nm         6.0mb
PKI    46.17 326 P      38 38.23  -0.5
       0.8s     39.00nm         5.4mb
GUN    46.18 327 P      38 38.59  -0.3
       0.6s     99.00nm         6.0mb
DMN    46.36 326 P      38 29.71 -10.5X
       0.7s     77.00nm
KKN    46.41 326 P      38 39.99  -0.5
       1.0s     91.00nm         5.7mb
GKN    46.93 326 P      38 44.01  -0.6
LZH    47.21 351 eP     38 47.00   0.3
       2.0s     66.00nm         5.3mb
     Z 15s       0.29um         4.4MszX
     N 13s       0.24um
                 pP     38 57.00  33km
                 sP     39 03.00
                 PP     40 32.00
KOLN   47.33 324 P      38 47.15  -0.7
       0.7s     63.00nm         5.8mb
DANN   47.69 325 P      38 49.95  -0.8
       0.3s    120.00nm         6.4mb X
PYUN   47.93 324 P      38 51.99  -0.6
       0.9s     65.00nm         5.7mb
BJI    50.58   4 eP     39 11.00  -1.4
       1.5s     28.00nm         5.0mb
NDI    51.85 320 iP     39 20.50  -1.7
ZAK    61.33 353 eP     40 28.00  -1.4
       1.5s     20.00nm         5.0mb
                 e      41 12.00 189kmX
IRK    63.09 354 eP     40 40.00  -1.2
       1.4s     14.00nm         4.9mb
                 e      41 18.50 163kmX
YSS    63.49  23 eP     40 41.80  -2.1
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05d 18h

1.0s 30.00nm 5.4mb
MAIO 68.28 316 eP 41 15.00 0.1
ASH 69.93 317 eP 41 25.00 0.1
YAK 73.72 8 iPd 41 45.60 -1.4
e 42 04.00 68kmX
SPA 79.38 180 eP 42 05.00 -14.0X
1.0s 1.50nm
SVE 79.59 334 iP 42 20.80 0.8
1.4s 60.00nm 5.4mb
SLR 80.21 246 eP 42 24.00 -0.2
0.5s 20.00nm 5.4mb
KIV 83.19 317 (P) 42 40.80 1.5
1.0s 11.00nm 4.9mb
e 42 52.40 38km
OBN 90.70 326 ePc 43 16.60 1.2
ILT 92.09 21 iPc 43 22.80 1.3
1.4s 13.00nm 5.2mb
BCAO 94.62 274 ePd 43 27.00 -7.3X
1.6s 13.00nm 5.1mb
RMW 121.68 40 ePKP 49 07.97 1.0
NEW 124.28 38 ePKP 49 14.28 2.3X
HVU 129.82 44 ePKP 49 25.20 2.2X
MSU 131.55 47 ePKP 49 28.43 2.0X
EMUT 131.99 45 (PKP) 49 28.97 1.7
SRU 132.49 46 ePKP 49 29.78 1.6
ULM 134.17 25 ePKP 49 34.00 3.3X
RSSD 134.20 37 ePKP 49 32.02 0.7
GOL 135.76 43 ePKP 49 36.03 1.6
ALQ 137.19 49 ePKP 49 38.92 1.7
LTX 141.57 56 ePKP 49 38.90 -6.3X
WMOK 142.83 45 ePKP 49 43.67 -3.5X
TUL 144.16 41 iPKPd 49 47.90 -1.4
GAC 144.45 10 ePKP 49 48.50 -1.0
LMN 144.87 357 ePKP 49 50.00 -0.2
0.9s 5.00nm
ITR 145.14 237 (PKP) 49 52.00 0.4
FVM 145.96 33 ePKP 49 53.16 0.8
MIAR 146.43 41 ePKP 49 54.18 1.0
DON 146.82 34 ePKP 49 55.13 1.4
YSNY 146.91 15 ePKP 49 53.88 0.1
ePKPbc49 56.26
BINY 147.75 12 ePKP 49 56.77 1.7
MOCB 148.21 183 PKP 50 02.50 5.5X
GPD 149.18 10 ePKP 49 58.25 0.9
ePKPbc50 02.64
NAV 150.93 22 ePKP 50 01.66 1.5
ePKPbc50 06.63
CVL 151.12 18 (PKP) 50 01.73 1.4
iPKPbc50 07.91
CEH 152.82 21 (PKP) 50 04.74 1.9X
ePKPbc50 10.70
LPB 152.95 179 PKP 50 17.00 12.9X
PRM 153.06 28 ePKP 50 05.79 2.5X
iPKPbc50 12.47
LPAZ 153.20 179 PKP 50 14.30 9.6X
S.D. = 1.2 on 65 of 83 obs.

? JUN 05, 1994 18h 43m 06.05± 0.98s
11.413 S ±13.8km 113.846 E ±16.4km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 7.65 306 iPd 44 58.30 0.1
NANU 11.20 172 iPd 45 46.80 -0.2
eS 47 53.00
MEEK 15.80 164 eP 46 48.50 0.7
eS 49 40.00
MRWA 17.83 174 eP 47 13.00 -0.3
eS 50 25.00
ASPA 22.64 125 eP 48 06.00 0.3
0.7s 9.30nm 4.4mb
eS 52 25.20
STKA 32.70 133 eP 49 37.10 -0.6
0.6s 5.50nm 4.6mb
S.D. = 0.6 on 6 of 6 obs.
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* JUN 05, 1994 19h 10m 05.10± 1.10s
11.732 S ±17.5km 113.523 E ±19.3km
DEPTH = 42.9km (2 depth phases)
4.5mb (1 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 7.60 309 iPc 11 56.00 -0.3
MBL 11.16 148 eP 12 43.00 -2.0
eS 14 42.00
MEEK 15.58 163 eP 13 44.00 0.5
eS 16 31.00
MRWA 17.55 173 eP 14 09.00 0.7
WB2 21.62 115 eP 14 53.50 -0.1
0.3s 6.40nm 4.5mb
i 14 55.00
ipP 15 04.80 45km
eS 18 49.60
ASPA 22.72 124 iPc 15 05.80 1.2
ipP 15 16.40 41km
eS 19 22.10
S.D. = 1.5 on 6 of 6 obs.
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* JUN 05, 1994 19h 35m 41.27± 0.42s
11.151 S ±12.5km 112.360 E ±18.6km
DEPTH = 41.4km (3 depth phases)
5.0mb (13 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.36 312 iPc 37 15.30 0.2
NANU 11.74 165 iPd 38 29.70 0.5
eS 40 36.00
MBL 12.27 145 eP 38 33.80 -2.4
iS 40 40.00
MEEK 16.50 160 eP 39 32.50 1.1
0.3s 36.00nm 5.0mb
eS 42 22.00
MRWA 18.29 170 eP 39 56.50 2.8X
eS 43 11.00
WARB 20.14 140 eP 40 18.00 3.2X
COOL 21.26 159 eP 40 33.50 7.2X
0.3s 15.00nm 4.9mb
e 40 37.00 13kmX
WB2 22.90 115 iPc 40 43.90 1.3
0.9s 9.30nm 4.2mb
ipP 40 55.40 46km
eS 45 07.20
ASPA 23.99 124 eP 40 56.00 2.8X
1.1s 6.90nm 4.1mb
ipP 41 06.90 42km
eS 45 23.20
NNT 26.71 332 eP 41 05.60 -13.2X
STKA 33.95 132 iPc 42 25.80 2.9X
0.6s 11.30nm 5.0mb
ipP 42 36.30 37km
ODAN 44.89 328 P 43 54.18 0.1
TAPN 45.13 328 P 43 56.18 0.1
0.4s 10.00nm 5.0mb
RAMN 45.39 327 P 43 58.36 0.3
JIRN 46.17 327 P 44 04.58 0.2
0.6s 19.00nm 5.2mb
PKI 46.52 326 P 44 06.42 -0.7
GUN 46.54 327 P 44 07.58 0.4
0.4s 15.00nm 5.3mb
DMN 46.72 326 P 44 08.54 0.0
0.7s 16.00nm 5.1mb
KKN 46.76 326 P 44 08.96 0.1
1.1s 42.00nm 5.3mb
GKN 47.28 326 P 44 12.80 -0.1
KOLN 47.68 325 P 44 16.04 -0.1
0.4s 12.00nm 5.2mb
DANN 48.04 325 P 44 18.32 -0.7
0.5s 14.00nm 5.2mb
PYUN 48.28 325 P 44 20.42 -0.3
0.4s 5.00nm 4.8mb
S.D. = 0.9 on 17 of 23 obs.
----
* JUN 05, 1994 19h 50m 33.77± 1.00s
5.640 S ±11.8km 141.481 E ±16.1km
DEPTH = 33.0km (normal)
3.5mb (2 obs.)
NEW GUINEA, PAPUA NEW GUINEA (202)

OKTD 0.35 327 iPc 50 42.60 0.4
WWKK 2.93 47 eP 51 18.70 -0.4
MTN 12.47 234 eP 53 31.00 -0.9
0.3s 12.00nm 5.5mb X
eS 55 43.00
WB2 15.82 205 eP 54 15.00 -0.8
0.5s 1.50nm 3.4mb
i 54 25.80
eS 57 10.70
ASPA 19.35 201 eP 55 01.30 1.6
1.2s 3.60nm 3.5mb
epP 55 12.50 47kmX
eS 58 30.10
S.D. = 1.5 on 5 of 5 obs.
----
* JUN 05, 1994 19h 55m 24.19± 1.44s
38.660 N ±11.8km 26.368 E ± 9.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.2 (ISK).

IZM 0.75 110 ePg 55 39.20 0.3
eSg 55 51.70
EZN 1.16 358 iPg 55 46.70 0.8
iSg 56 01.70
DST 1.99 61 ePn 55 58.00 -0.4
EDC 2.04 34 ePn 55 58.50 -0.5
KCT 2.21 44 ePn 56 01.70 0.2
MFT 2.24 18 ePn 56 01.70 -0.2
ALN 2.25 354 eP 56 05.74 3.8X
eS 56 33.46
OUR 2.49 313 eP 56 05.14 -0.2
S.D. = 0.6 on 7 of 8 obs.
----
* JUN 05, 1994 20h 11m 14.23± 0.59s
10.273 S ±13.8km 114.154 E ±14.2km
DEPTH = 33.0km (normal)
5.1mb (11 obs.)
SOUTH OF BALI, INDONESIA (284)

LEM 7.31 297 iPd 13 02.50 0.8
MBL 12.12 154 eP 14 07.80 0.1
iS 16 13.00
WARB 19.75 145 eP 15 51.30 6.9X
WB2 21.72 119 iPc 16 16.90 12.2X
0.4s 5.80nm
ipP 16 27.90 43kmX
eS 20 17.60
ASPA 23.07 128 iPd 16 28.70 10.6X
0.6s 7.50nm
eS 20 54.30
NNT 26.85 327 eP 16 54.70 0.8
NST 29.28 331 eP 17 17.80 2.0
LAT 32.68 86 iPd 17 46.20 0.3
STKA 33.26 134 eP 17 58.90 8.1X
1.9s 12.70nm 4.5mb
ODAN 45.14 325 P 19 29.51 -0.4
0.6s 14.00nm 5.0mb
TAPN 45.34 326 P 19 31.46 -0.2
0.9s 23.00nm 5.1mb
RAMN 45.65 325 P 19 34.29 0.3
1.1s 20.00nm 4.9mb
JIRN 46.43 325 P 19 40.40 0.1
0.7s 17.00nm 5.1mb
GUN 46.80 325 P 19 43.18 0.0
0.7s 19.00nm 5.2mb
DMN 47.01 324 P 19 44.35 -0.4
0.7s 17.00nm 5.2mb
GKN 47.58 324 P 19 48.26 -0.9
0.6s 11.00nm 5.1mb
KOLN 48.02 323 P 19 51.90 -0.7
0.5s 16.00nm 5.3mb
DANN 48.35 323 P 19 54.35 -1.0
0.6s 17.00nm 5.3mb
PYUN 48.63 322 P 19 56.40 -0.9
1.0s 20.00nm 5.1mb
S.D. = 0.9 on 15 of 19 obs.

% JUN 05, 1994 20h 12m 06.62± 1.77s
38.824 N ±11.0km 26.697 E ±17.1km
DEPTH = 5.0km (geophysicist)
AEGEAN SEA (365)
ML 3.3 (ISK).

IZM 0.61 134 ePg 12 18.90 0.0
EZN 1.04 344 iPg 12 26.70 0.0
iSg 12 41.70
DST 1.69 62 ePn 12 37.00 0.0
EDC 1.77 30 ePn 12 38.00 -0.1
MFT 2.01 13 ePn 12 41.70 0.0
KHL 2.27 102 ePn 12 45.50 0.0
S.D. = 0.0 on 6 of 6 obs.

& JUN 05, 1994 22h 19m 02.60s
58.420 N 154.915 W
DEPTH = 120.6km
4.3mb (6 obs.)
ALASKA PENINSULA (12)
<AEIC>.

MCNL 0.82 21 eP 19 22.34 -1.0
CDD 0.84 52 iP 19 22.65 -0.8

```
                eS    19 38.47
AUI     1.20  39 eP   19 26.27  -0.8
                eS    19 43.80
AUH     1.22  38 eP   19 26.60  -0.7
AGU     1.22  39 eP   19 26.92  -0.4
                eS    19 44.70
AUP     1.22  39 eP   19 25.90  -1.5
AUL     1.23  38 eP   19 26.87  -0.5
AUE     1.24  40 eP   19 26.89  -0.5
SYI     1.34  81 eP   19 28.13  -0.4
PDB     1.42  15 iP   19 28.17  -1.3
                eS    19 47.80
KDC     1.45 117 iPd  19 28.21  -1.6
INE     1.90  29 eP   19 34.37  -1.1
HOM     2.10  52 eP   19 37.53  -0.2
CNPM    2.20  58 eP   19 38.42  -0.8
RED     2.28  28 eP   19 39.24  -1.0
                eS    20 07.38
RS2     2.33  27 eP   19 39.96  -1.0
RSO     2.33  27 iP   19 39.94  -1.0
REF     2.36  28 iP   19 40.30  -1.1
                eS    20 09.03
DFR     2.46  27 eP   19 41.82  -0.7
NNL     2.47  47 eP   19 42.22  -0.4
BRLK    2.48  55 eP   19 41.76  -1.0
                eS    20 09.77
RDT     2.51  30 iP   19 41.94  -1.3
SVW     2.72 353 iPd  19 44.02  -1.9
BKG     2.98  26 iP   19 48.16  -1.2
NKA     2.99  37 eP   19 50.72   1.3
CKT     3.11  25 eP   19 49.87  -1.2
                eS    20 26.22
SPU     3.12  26 iP   19 49.90  -1.4
CKN     3.13  25 eP   19 50.46  -0.9
CP2     3.16  24 iPd  19 50.62  -1.2
CRP     3.18  25 eP   19 51.21  -0.9
SLKM    3.18  47 eP   19 50.85  -1.2
CGLM    3.25  26 eP   19 51.66  -1.3
SEW     3.27  57 eP   19 51.95  -1.2
NCG     3.30  24 eP   19 52.66  -1.0
PMS     3.92  41 P    20 00.00  -1.9
LTI     3.98  63 eP   20 01.11  -1.6
MTU     4.05  64 eP   20 02.32  -1.4
PWA     4.11  36 P    20 02.20  -2.3
PLRM    4.31  40 eP   20 05.58  -1.6
PMR     4.31  40 eP   20 03.71  -3.4
                eS    20 49.92
SDN     4.35 227 eP   20 05.02  -2.6
KNK     4.42  45 eP   20 06.21  -2.6
GHO     4.50  39 eP   20 06.76  -3.2
TTA     4.56 354 iPd  20 08.30  -2.4
MID     4.56  74 P    20 09.00  -1.5
SML     4.73  41 eP   20 09.87  -3.1
HIN     4.73  62 eP   20 11.43  -1.6
FID     4.88  58 eP   20 11.93  -3.1
VZW     4.99  54 eP   20 14.11  -2.4
SCM     5.11  45 eP   20 15.38  -2.8
VLZ     5.12  54 eP   20 16.53  -1.6
CVA     5.14  62 eP   20 16.46  -1.9
HUR     5.26  27 eP   20 18.09  -2.0
KLU     5.47  52 eP   20 20.51  -2.5
KTH     5.50  19 eP   20 20.81  -2.7
TRF     5.53  22 eP   20 21.54  -2.4
TOA     5.71  46 P    20 23.70  -2.6
                S     21 26.30
RND     5.81  28 eP   20 24.92  -2.8
TZL     5.96  48 eP   20 28.82  -1.0
MCK     6.07  26 eP   20 28.37  -2.9
SDG     6.20  44 eP   20 30.20  -2.8
BWN     6.34  22 eP   20 31.63  -3.3
GLB     6.35  57 eP   20 32.49  -2.6
PAX     6.50  41 eP   20 34.70  -2.6
NEA     6.78  22 eP   20 36.22  -4.7
BALM    6.87  62 eP   20 40.12  -2.2
WRH     6.89  25 eP   20 38.14  -4.3
MLY     6.92  15 eP   20 39.05  -3.9
CCB     7.11  26 eP   20 40.98  -4.4
HDA     7.11  29 eP   20 41.51  -3.9
DJE     7.17  34 eP   20 44.43  -1.8
CHX     7.27  71 eP   20 46.62  -1.0
MDM     7.29  23 eP   20 43.80  -4.0
FBA     7.33  24 eP   20 43.82  -4.5
IL1     7.43  28 eP   20 45.31  -4.4
ILB     7.43  28 eP   20 45.02  -4.7
GLM     7.49  25 eP   20 46.22  -4.4
IM3     7.61   4 eP   20 49.59  -2.6
IMA     7.70   4 eP   20 50.22  -3.3
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YKU     7.93  75 P    20 55.70  -0.7
ANM     7.93 325 eP   20 54.35  -2.2
BCA3    7.93  49 eP   20 53.95  -2.7
FYU     9.31  25 eP   21 11.12  -3.9
BM3    10.16  23 eP   21 20.15  -6.3
SIT    10.56  89 eP   21 28.12  -3.5
BRW    12.96 357 eP   21 59.40  -3.7
INK    13.70  35 eP   22 10.50  -2.1
MCW    21.21 103 eP   23 41.09   1.4
MBC    21.86  22 eP   23 43.00  -2.8
NEW    24.43  98 eP   24 11.11   0.2
        0.5s      2.43nm          3.9mb
BW06   32.04  99 iP   25 19.57   0.0
        0.6s      3.52nm          4.3mb
MSU    33.85 107 eP   25 36.18   0.9
RSSD   34.00  92 iPc  25 36.54   0.0
        0.4s      8.50nm          4.9mb
SRU    34.23 105 ePc  25 38.59   0.1
ULM    34.33  77 eP   25 40.50   1.5
PV09   35.40 104 eP   25 48.74   0.2
FRB    39.07  45 ePc  26 17.00  -1.5
        0.6s      5.00nm          4.5mb
WMOK   43.63  98 ePc  26 56.00  -0.2
        0.7s      5.33nm          4.4mb
LTX    45.41 107 ePc  27 10.20  -0.3
GEC2   72.69   8 P    30 14.90  -3.6
        1.0s      0.85nm          3.5mb
      100 obs. associated
-------------------------------------
* JUN 05, 1994  22h 22m 02.79± 0.54s
   11.195 S ± 7.4km  113.485 E ±11.9km
   DEPTH =  43.6km  ( 4 depth phases)
  4.7mb ( 9 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

LEM     7.24 306 iPc  23 48.00  -0.9
NANU   11.47 170 iPd  24 46.50  -0.5
                 eS   26 45.00
MBL    11.63 149 eP   24 46.00  -3.1X
                 iS   26 45.00
MEEK   16.10 163 eP   25 48.00   0.2
        0.3s     13.00nm          4.5mb
                 eS   28 34.00
KGM    16.57 322 eP   25 57.00   3.3X
MRWA   18.08 173 eP   26 13.00   0.5
        0.3s     10.00nm          4.4mb
                 eS   29 21.00
WARB   19.41 142 eP   26 31.30   2.9X
                 eS   29 53.00
BAL    19.55 172 eP   26 33.00   3.2X
IPM    19.98 321 ePd  26 33.20  -1.4
        0.7s     38.80nm          4.8mb
SWI    20.42  61 ePc  26 38.00  -1.1
KLB    20.68 170 eP   26 47.00   5.3X
MUN    20.84 173 eP   26 51.20   8.0X
WB2    21.88 116 iPd  26 56.50   2.6X
        0.6s     22.60nm          4.8mb
                 i    27 01.30
                 ipP  27 09.10  52km
                 eS   30 49.80
ASPA   23.05 125 iPc  27 10.20   4.8X
        1.0s     17.10nm          4.5mb
      Z  22s      0.10um          3.2MszX
                 ipP  27 19.70  35km
                 eS   31 22.30
FORT   23.72 147 eP   27 16.00   4.3X
PGP    25.63  17 ePd  27 30.60   0.4
NST    29.79 333 eP   28 09.00   1.1
STKA   33.10 133 eP   28 39.90   3.0X
        1.3s     14.80nm          4.7mb
                 ipP  28 51.40  43km
KMI    37.59 344 Pc   29 17.40   2.1
        1.2s     20.00nm          4.9mb
                 pP   29 29.60  45km
SSE    42.69  10 eP   30 09.00  11.8X
GBA    43.43 304 P    30 04.00   0.6
LZH    47.90 349 eP   30 39.50   0.6
        1.6s     27.00nm          5.0mb
                 pP   30 44.00  15kmX
POO    49.00 307 eP   30 47.00  -0.5
BJI    51.03   3 eP   31 01.50  -1.1
        1.0s      6.00nm          4.6mb
XIN   144.87 235 ePKP 41 41.10   3.3X
                 e    41 51.90
ITR   145.74 236 ePKP 41 43.00   3.7X
MOCB  147.75 182 PKP  41 48.80   5.9X
CCH   151.60 181 PKP  42 08.60  19.9X
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LPB   152.41 177 PKP  42 04.60  14.6X
LPAZ  152.65 177 PKP  42 02.80  12.2X
     S.D. = 1.1  on  13 of  30 obs.
-------------------------------------
% JUN 05, 1994  22h 22m 35.89± 0.61s
  44.476 N ± 5.2km    7.311 E ± 5.3km
  DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                  (545)
      ML 2.0 (GEN).

PZZ     0.15 281 P    22 39.46  -0.1
                 S    22 41.57
STV     0.23 178 P    22 40.97   0.0
                 S    22 43.99
ENR     0.26 162 P    22 41.47   0.0
                 S    22 44.91
BHB     0.37 355 P    22 43.49   0.0
                 S    22 48.34
ROB     0.44 114 P    22 44.86   0.0
FIN     0.70 112 P    22 49.71   0.0
PCP     0.89  85 P    22 52.90   0.0
     S.D. = 0.1  on   7 of   7 obs.
-------------------------------------
  JUN 05, 1994  22h 30m 45.04± 0.52s
  46.712 N ± 5.0km    1.861 E ± 4.6km
  DEPTH =  10.0km  (geophysicist)
 FRANCE                          (538)
     ML 2.6 (LDG), 2.5 (STR).

TCF     0.49 150 Pg   30 55.10   0.1
                 Sg   31 02.40
LSF     0.52 206 Pg   30 53.70  -1.8
                 Sg   30 59.90
MAF     0.69 135 Pg   30 58.90   0.2
                 Sg   31 08.50
BGF     0.70 102 Pg   30 59.70   0.9
                 Sg   31 09.80
HYF     0.77  43 Pg   31 00.70   0.6
                 Sg   31 12.10
AVF     1.03  85 Pg   31 04.30  -0.2
                 Sg   31 19.10
AGO     1.10 126 Pg   31 06.18   0.5
SSF     1.18  72 Pn   31 06.60  -0.5
                 Pg   31 07.80
                 Sg   31 24.30
PYM     1.25 140 Pg   31 08.54   0.2
                 Sg   31 25.44
SMF     1.36  92 Pn   31 09.00  -1.1
                 Pg   31 11.20
                 Sg   31 29.70
MFF     1.39 266 Pg   31 07.40  -3.0
                 Sg   31 23.20
PLDF    1.43 121 Pg   31 11.81   0.7
                 Sg   31 32.20
RJF     1.43 190 Pg   31 10.00  -1.0
                 Sg   31 28.10
LOR     1.48  67 Pn   31 10.40  -1.3
                 Pg   31 12.80
                 Sg   31 32.80
LBF     1.48  79 Pn   31 10.50  -1.2
                 Pg   31 13.00
                 Sg   31 33.00
LBL     1.77 146 Pg   31 18.51   2.6X
                 Sg   31 42.19
CAF     1.79 175 Pg   31 17.00   0.7
                 Sg   31 40.00
LFF     1.94 204 Pg   31 19.40   1.1
                 Sg   31 43.20
LPO     2.08 193 Pg   31 22.40   1.9
                 Sg   31 48.00
LDF     2.31 325 Pg   31 23.90   0.2
                 Sg   31 52.80
LPF     2.37 305 Pg   31 25.70   1.1
                 Sg   31 54.00
GRR     2.49 313 Pg   31 28.00   1.8
                 Sg   31 59.00
     S.D. = 1.3  on  21 of  22 obs.
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% JUN 05, 1994  23h 17m 39.62± 1.99s
  40.967 N ±10.5km   23.938 E ±13.7km
  DEPTH =  10.0km  (geophysicist)
 GREECE                          (364)

SRS     0.30 300 iPg  17 45.89   0.0
                 eSg  17 50.36
SOH     0.47 252 iPg  17 48.89  -0.2
                 eSg  17 55.96
```

05d 23h

OUR 0.63 177 iPg 17 52.17 -0.1
eSg 18 01.36
KNT 0.81 284 ePg 17 55.06 -0.3
iSg 18 06.38
THE 0.81 246 ePg 17 55.17 -0.1
eSg 18 06.24
PAIG 1.06 191 ePg 17 59.64 0.1
eSg 18 13.80
GRG 1.16 270 ePg 18 01.88 0.5
eSg 18 17.72
LIT 1.40 232 ePb 18 05.40 0.2
eSb 18 24.72
S.D. = 0.3 on 8 of 8 obs.

JUN 05, 1994 23h 59m 08.58± 0.65s
6.789 N ± 7.1km 72.924 W ±10.5km
DEPTH = 162.2 ± 6.9 km
4.4mb (13 obs.)
NORTHERN COLOMBIA (99)

BMG 0.32 332 iPc 59 31.50 -0.7
BOG 2.43 208 iPd 59 51.50 1.2
iS 00 22.00
LPAZ 23.41 168 P 04 04.60 -0.3
i 04 38.10
e 10 05.00
LPB 23.66 168 P 04 06.50 -0.5
SIV 25.49 153 P 04 23.00 -0.7
MIAR 33.56 328 eP 05 33.94 -1.0
0.8s 2.61nm 4.0mb
FVM 34.88 335 eP 05 46.44 0.2
0.5s 31.52nm 5.3mb
WMOK 36.62 323 eP 05 59.67 -1.3
0.6s 5.57nm 4.4mb
WLVO 37.30 353 P 06 07.52 1.1
XIN 38.50 114 eP 06 17.40 0.5
LMN 39.55 9 eP 06 26.00 0.9
0.6s 3.00nm 4.2mb
CBM 40.21 5 eP 06 31.97 1.5
0.7s 15.74nm 4.8mb
ALQ 41.67 317 eP 06 43.79 0.9
0.4s 1.16nm 3.8mb
GOL 43.84 323 eP 07 00.37 -0.2
0.6s 8.80nm 4.5mb
RSSD 46.07 329 eP 07 18.06 0.0
0.3s 1.67nm 4.1mb
SRU 46.69 319 eP 07 22.98 -0.1
JAQ 46.93 358 eP 07 24.00 -0.5
ULM 47.38 340 ePd 07 29.50 1.5
MSU 47.46 318 eP 07 29.07 -0.1
BW06 48.22 324 eP 07 33.96 -1.0
0.4s 1.12nm 3.9mb
HVU 49.60 321 eP 07 45.25 -0.1
VGB 56.49 321 eP 08 35.59 -0.4
YKA 63.36 340 eP 09 20.60 -1.8
0.5s 6.10nm 4.8mb
LIC 67.41 86 P 09 48.49 -0.6
0.5s 4.00nm 4.5mb
KIC 67.68 86 P 09 50.35 -0.5
0.7s 11.00nm 4.8mb
MBC 73.87 350 eP 10 27.00 0.2
0.5s 2.00nm 4.1mb
ASPA 149.25 234 iPKPd 18 39.40 3.7X
0.6s 9.20nm
WB2 150.48 241 ePKP 18 42.40 4.8X
0.4s 6.70nm
e 19 25.00
WRA 150.49 241 PKP 18 39.20 1.6
0.9s 2.00nm
S.D. = 0.9 on 27 of 29 obs.

JUN 06, 1994 00h 04m 05.96± 0.59s
35.231 N ± 5.4km 4.008 W ± 7.1km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.3 (MDD). MD 3.3 (RBA).

EMEL 0.86 85 iPc 04 23.51 1.0
eS 04 33.80
TAF 1.37 107 ePn 04 31.50 0.3
eSn 04 50.00
i 05 54.50
EGUA 1.64 13 eP 04 34.06 -0.9
eS 04 53.60
PLAT 1.68 302 eP 04 41.00 5.5X
EJIF 1.70 316 eP 04 39.54 3.7X
eS 05 01.00
ERON 1.79 5 eP 04 36.66 -0.6
eS 04 57.50
ELOJ 1.92 357 eP 04 39.33 0.3
eS 05 01.40
IFR 1.94 209 iPn 04 40.00 0.5
i 04 42.00
iSn 05 02.00
EPRU 2.00 331 eP 04 41.84 1.7
eS 05 06.90
ECOG 2.07 10 eP 04 41.00 -0.3
eS 05 03.90
ENIJ 2.27 39 eP 04 43.50 -0.6
eS 05 07.70
ELUQ 2.33 355 eP 04 45.56 0.5
eS 05 11.30
EHUE 2.82 23 eP 04 51.27 -0.7
eS 05 21.10
AVE 3.42 237 ePn 05 06.00 5.7X
eSn 05 38.00
i 05 41.50
TIO 5.09 213 iPn 05 23.00 -1.2
iSn 06 19.00
S.D. = 0.9 on 12 of 15 obs.

& JUN 06, 1994 00h 31m 39.89s
38.852 N 122.835 W
DEPTH = 1.9km
NORTHERN CALIFORNIA (36)
<GM-P>. MD 3.0 (GM). ML 3.1
(GS).

GHVM 0.25 19 P 31 45.81 1.0
GMOM 0.28 240 P 31 45.93 0.4
GHCM 0.37 229 P 31 47.81 0.4
NTYM 0.48 164 eP 31 49.66 0.2
GTSM 0.49 21 P 31 51.13 1.4
GGUM 0.52 271 P 31 50.93 0.7
NCFM 0.53 177 P 31 51.38 0.9
NTBM 0.61 187 P 31 52.70 0.7
GHMM 0.61 353 P 31 54.38 2.2
BBR 0.63 159 P 31 53.38 0.9
LOC 0.71 172 P 31 54.54 0.6
GVR 0.75 139 P 31 54.32 -0.5
NOLM 0.81 178 P 31 56.90 0.8
NLHM 0.91 143 P 31 57.72 -0.3
CPIM 0.99 150 P 31 59.40 0.0
AGC 1.04 162 P 32 00.06 -0.2
DUC 1.05 141 P 32 01.42 1.0
HMR 1.07 130 eP 32 00.38 -0.4
BKC 1.09 148 P 32 00.93 -0.2
CSVM 1.18 146 P 32 03.54 0.8
ORV 1.25 55 (P) 32 05.00 1.1
JEGM 1.37 167 (P) 32 04.79 -1.1
WDC 1.74 7 eP 32 11.97 0.7
S 32 43.09
ARN 1.82 145 eP 32 10.36 -2.1
COE 1.84 150 eP 32 10.87 -1.9
KMPM 1.85 328 (P) 32 12.22 -0.8
CMB 2.09 112 eP 32 14.61 -1.8
SAO 2.36 152 (P) 32 17.84 -2.4
BONR 3.67 103 ePg 32 45.99 6.8
KVN 3.70 85 ePg 32 47.61 8.1
TNP 4.48 98 (Pn) 32 51.32 0.8
ISA 4.71 131 eP 32 53.30 -0.5
32 obs. associated

JUN 06, 1994 00h 46m 57.72± 0.78s
17.782 S ±12.6km 178.303 W ± 5.8km
DEPTH = 541.5 ± 10.3 km
5.2mb (20 obs.)
FIJI ISLANDS REGION (181)

VUN 3.09 265 iPc 48 14.00 0.8
PAE 27.35 94 eP 52 00.90 -0.3
0.7s 59.50nm 5.3mb
PPT 27.36 94 eP 52 01.20 -0.2
0.8s 122.50nm 5.6mb
PPN 27.50 94 eP 52 02.30 -0.2
0.9s 49.10nm 5.1mb
TVO 27.65 94 eP 52 03.90 -0.1
0.8s 105.80nm 5.5mb
PMO 29.28 89 eP 52 17.90 -0.1
1.1s 142.60nm 5.5mb
RUV 29.74 90 eP 52 21.80 -0.2
0.7s 60.40nm 5.3mb
ARMA 30.09 240 iPd 52 25.30 0.2
0.6s 13.00nm 4.7mb
CNB 33.58 232 iPd 52 55.30 0.9
0.6s 34.00nm 5.1mb
CAN 33.86 232 iP 52 57.40 0.7
BWA 33.98 234 iP 52 56.00 -1.7
PMG 34.54 279 eP 53 03.00 0.5
0.9s 77.31nm 5.3mb
MDG 37.25 285 e(P) 53 26.50 1.7
TOO 37.33 231 iPd 53 26.30 1.0
0.7s 44.00nm 5.2mb
STKA 38.78 241 iPd 53 38.00 0.8
0.7s 34.20nm 5.1mb
WB2 44.74 259 iPc 54 23.30 -1.4
0.6s 6.80nm 4.4mb
iPcP 55 55.00
eS 00 21.50
WRA 44.75 259 P 54 24.10 -0.7
0.7s 7.00nm 4.3mb
ASPA 44.92 254 iPd 54 25.20 -0.9
0.6s 174.60nm 5.8mb
iPcP 55 55.30
iS 00 20.50
iScS 03 23.20
iS 17 50.70
GUA 47.81 308 eP 54 47.80 -0.3
0.8s 149.25nm 5.6mb
GUMO 47.88 308 eP 54 47.60 -1.0
0.9s 173.10nm 5.6mb
PJG 47.88 308 eP 54 47.80 -0.8
MTN 48.91 268 eP 54 54.50 -1.9
KNA 50.59 264 eP 55 08.00 -0.7
WARB 51.42 250 eP 55 13.70 -1.1
0.6s 23.00nm 4.8mb
SNG 83.75 280 eP 58 32.50 1.2
BJI 83.77 315 eP 58 31.00 0.1
1.4s 17.00nm 4.5mb
LZH 90.89 308 eP 59 06.00 1.2
1.4s 26.00nm 5.0mb
YKA 94.17 25 eP 59 18.20 -0.9
0.7s 1.40nm 4.2mb
NB2 136.26 353 PKP 05 18.60 -0.2
0.5s 0.90nm
DCN 143.83 9 ePKP 05 31.20 -1.2
DLF 143.98 8 ePKP 05 31.00 -1.6
CLL 145.36 347 iPKPd 05 35.80 0.8
0.8s 28.00nm
OKC 145.39 341 PKP 05 36.10 1.0
BRG 145.57 346 iPKPd 05 36.40 1.0
0.9s 18.00nm
PRU 146.25 345 PKP 05 38.30 1.8
0.8s 12.70nm
MOX 146.27 349 ePKP 05 38.30 1.7
1.6s 15.00nm
ZST 147.16 341 iPKP 05 40.90 2.9X
GRF 147.25 349 iPKPc 05 41.70 3.5X
Z 18s 0.10um 4.6Msz
KHC 147.28 346 PKPd 05 41.40 3.1X
1.0s 13.50nm
e 05 46.50
GED9 147.51 345 PKP 05 41.80 3.1X
e 05 43.60
GEC2 147.52 345 e(PKP)05 41.80 3.1X
0.5s 6.70nm
DOU 147.68 357 PKP 05 42.40 3.6X
WLF 147.99 355 iPKPc 05 42.67 3.4X
1.1s 16.00nm
FLN 149.05 3 iPKPd 05 45.10 4.1X
0.9s 22.30nm
Z 22s 0.08um 4.4Msz
CDF 149.11 353 iPKPd 05 45.50 4.3X
0.7s 9.50nm
LDF 149.23 2 iPKPd 05 45.40 4.1X
0.8s 10.35nm
GRR 149.40 3 iPKPd 05 45.80 4.3X
0.9s 19.15nm
HAU 149.62 354 iPKPd 05 46.60 4.7X
0.7s 8.95nm
Z 21s 0.08um 4.5Msz
BSF 149.74 353 iPKPd 05 46.80 4.6X
0.8s 10.75nm
LPF 149.75 4 iPKPd 05 46.90 4.9X
1.1s 39.55nm
LJU 149.87 342 ePKP 05 47.00 4.7X
VOY 150.06 343 iPKPc 05 47.60 4.9X
OSS 150.34 348 ePKPd 05 48.90 5.7X
LOR 150.54 357 iPKPd 05 48.80 5.5X
0.5s 8.65nm
Z 23s 0.10um 4.6MszX

SSF 150.76 357 iPKPd 05 49.50 5.9X
0.7s 11.90nm
LBF 150.82 357 iPKPd 05 49.30 5.5X
0.9s 8.20nm
AVF 151.04 358 iPKPd 05 49.60 5.6X
0.8s 5.25nm
TMA 151.13 350 iPKPd 05 50.40 6.0X
SMF 151.16 357 ePKP 05 49.90 5.7X
MFF 151.22 3 iPKPd 05 50.20 5.9X
1.0s 17.60nm
BGF 151.29 358 iPKPd 05 50.50 6.1X
0.6s 7.50nm
TCF 151.57 359 iPKPd 05 51.00 6.1X
0.8s 8.35nm
LSF 151.61 0 iPKPd 05 50.90 6.0X
0.8s 8.35nm
MAF 151.63 359 iPKPd 05 51.50 6.6X
0.8s 6.05nm
LPL 152.03 352 ePKP 05 53.00 7.2X
0.7s 4.30nm
LPG 152.05 352 ePKP 05 53.20 7.3X
0.6s 2.05nm
RJF 152.56 0 iPKPd 05 53.30 7.0X
0.8s 6.30nm
Z 24s 0.08um 4.4MszX
S.D. = 1.1 on 36 of 67 obs.

JUN 06, 1994 01h 08m 31.29± 0.20s
10.812 S ± 4.0km 113.324 E ± 4.8km
DEPTH = 34.3km (14 depth phases)
5.5mb (49 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 5.3 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 21C
Centroid Location:
Origin Time 01:08:33.5 0.7
Lat 10.96S 0.07 Lon 113.16E 0.13
Dep 15.0 FIX Half-duration 2.0
Moment Tensor; Scale 10**17 Nm
Mrr=-1.03 0.10 Mtt= 0.65 0.06
Mff= 0.38 0.15 Mrt= 0.54 0.29
Mrf=-0.21 0.27 Mtf= 0.26 0.07
Principal Axes:
T Val= 0.89 Plg=12 Azm=337
N 0.35 15 70
P -1.23 70 210
Best Double Couple:Mo=1.1*10**17
NP1:Strike= 48 Dip=36 Slip=-117
NP2: 260 59 -72

DNP 2.82 41 ePc 09 15.50 0.5
eS 09 49.00
e 16 41.50
TRT 3.16 348 iPd 09 19.50 -0.4
eS 09 47.90
KHKI 3.31 43 ePd 09 21.40 -0.7
eS 09 45.90
e 16 46.30
SJI 3.42 333 ePc 09 24.00 0.4
eS 09 59.00
LEM 6.89 305 ePc 10 11.00 -1.8
eS 11 28.00
WSI 6.95 81 e(P) 10 13.00 -0.4
eS 11 12.30
MKS 8.24 48 iPc 10 32.60 1.1
NANU 11.87 170 eP 11 13.00 -8.3X
MBL 12.04 150 eP 11 15.10 -8.4X
iS 13 15.00
MEEK 16.52 163 eP 12 16.20 -5.9X
eS 15 02.00
KKM 16.99 10 ePd 12 27.50 -0.7
MTN 17.55 98 eP 12 33.00 -2.0
MRWA 18.48 173 eP 12 40.50 -6.0X
0.4s 43.00nm 5.0mb
e 12 42.80
eS 15 51.00
IPM 19.59 321 ePd 12 59.70 0.0
0.6s 43.00nm 4.9mb
WARB 19.80 142 eP 12 59.00 -2.9
eS 16 21.00
BAL 19.95 171 eP 13 00.50 -2.9
0.4s 32.00nm 5.0mb
eS 16 25.00
KLB 21.08 169 eP 13 13.00 -2.1
0.4s 11.00nm 4.6mb

eS 16 51.00
PPR 21.15 15 ePd 13 15.00 -0.8
MUN 21.23 173 eP 13 15.00 -1.6
0.7s 69.00nm 5.2mb
i 13 19.50 16kmX
eS 16 56.00
COOL 21.25 161 eP 13 14.50 -2.4
0.3s 27.00nm 5.1mb
e 13 17.50 11kmX
eS 16 54.00
DAV 21.56 35 eP 13 22.90 2.9X
eS 17 12.40
SNG 21.89 324 eP 13 23.00 -0.4
eS 17 28.00
WB2 22.19 117 iPd 13 24.90 -1.5
0.5s 93.80nm 5.5mb
i 13 27.30
ipP 13 37.70 53kmX
eS 17 20.90
CGP 22.23 31 eP 13 32.00 5.3X
NWAO 22.30 171 eP 13 25.50 -1.8
0.5s 13.00nm 4.6mb
Z 20s 0.60um 4.0Msz
eS 17 19.00
BIP 22.87 35 eP 13 34.00 1.0
ASPA 23.40 126 iPc 13 38.00 -0.2
0.6s 145.10nm 5.7mb
Z 18s 1.00um 4.3Msz
RKG 23.89 172 eP 13 44.00 1.2
FORT 24.12 148 eP 13 44.00 -1.1
0.5s 60.00nm 5.4mb
PGP 25.31 18 eP 13 56.80 0.2
NNT 26.88 330 eP 14 13.90 2.8X
NST 29.38 333 eP 14 33.80 0.2
LOE 30.29 338 eP 14 41.00 -0.8
CHTO 32.68 334 ePc 15 03.00 0.3
1.2s 20.83nm 4.9mb
CTA 33.00 110 iPc 15 05.50 -0.1
1.0s 25.00nm 5.1mb
KMI 37.18 344 eP+ 15 43.00 1.6
1.2s 60.00nm 5.3mb
Z 20s 1.50um 4.8Msz
N 10s 0.40um
E 12s 0.60um
pP 15 54.00 39km
sP 16 02.00
S 21 27.00
sS 21 36.00
TOO 39.29 138 eP 15 59.20 0.4
0.9s 29.00nm 5.0mb
GUMO 39.59 53 e(P) 16 02.50 1.1
1.0s 266.60nm 6.0mb
e 16 09.80 25km
PJG 39.59 53 e(P) 16 03.70 2.3
GUA 39.59 53 e(P) 16 03.70 2.2
CAN 40.54 133 e(P) 16 12.00 2.8
i 18 11.60
ARMA 40.55 125 eP 16 09.80 0.5
0.8s 5.00nm 4.3mb X
i 18 23.10
SSE 42.34 10 P 16 23.00 -0.8
Z 24s 0.80um 4.5MszX
pP 16 34.00 39km
sP 16 43.00
S 22 40.00
GBA 43.08 303 P 16 29.00 -1.1
HYB 44.35 309 eP 16 39.50 -0.9
ODAN 45.13 327 P 16 46.60 -0.2
0.9s 115.00nm 5.8mb
TAPN 45.34 327 P 16 48.78 0.2
1.1s 100.00nm 5.6mb
RAMN 45.63 326 P 16 50.59 -0.1
1.0s 84.00nm 5.6mb
KUMJ 46.23 21 eP 17 04.00 8.9X
JIRN 46.41 326 P 16 56.94 -0.1
0.9s 160.00nm 6.0mb
PKI 46.77 325 P 16 59.05 -0.8
1.1s 86.00nm 5.6mb
GUN 46.78 326 P 16 59.78 -0.1
0.7s 133.00nm 6.0mb
DMN 46.97 325 P 17 01.02 -0.4
1.0s 187.00nm 6.0mb
LZH 47.49 350 eP 17 05.00 -0.2
1.2s 37.00nm 5.3mb
Z 30s 0.83um 4.5MszX
E 13s 0.25um
pP 17 15.00 33km

i 19 16.00
eS 24 00.00
GKN 47.54 325 P 17 04.97 -0.8
1.2s 172.00nm 5.9mb
KOLN 47.96 324 P 17 08.13 -0.9
0.9s 120.00nm 5.9mb
DANN 48.30 324 P 17 11.05 -0.8
0.9s 144.00nm 6.0mb
PYUN 48.56 323 P 17 12.88 -0.8
1.3s 213.00nm 6.0mb
POO 48.65 307 eP 17 12.50 -1.8
TKSJ 48.71 23 eP 17 12.90 -1.6
WKYJ 49.53 24 P 17 21.20 0.3
YONJ 49.56 22 P 17 19.30 -1.8
BJI 50.66 3 eP 17 28.00 -1.3
1.3s 20.00nm 4.9mb
Z 22s 0.93um 4.8Msz
epP 17 38.00 33km
esP 17 46.00
eS 24 36.00
TSRJ 50.83 24 eP 17 40.80 10.1X
IIDJ 51.58 26 eP 17 44.50 8.0X
DZM 51.93 110 iPd 17 39.80 0.3
MTMJ 52.48 25 eP 17 41.20 -2.1
NDI 52.52 319 eP 17 41.50 -2.1
CHJJ 52.52 26 eP 17 40.80 -2.7
MAT 52.61 25 eP 17 41.00 -3.2X
0.8s 14.18nm 5.0mb
eS 24 59.00
YAMJ 54.76 26 eP 17 57.90 -2.1
CSY 55.44 181 iPc 18 04.90 0.4
0.5s 9.90nm 5.1mb
i 18 17.00 42km
iPcP 19 06.00
OFUJ 56.22 26 eP 18 08.70 -1.8
ASAJ 60.81 24 eP 18 41.20 -1.2
KUSJ 60.83 26 eP 18 40.80 -1.7
ZAK 61.56 353 iPc 18 46.00 -1.3
1.4s 46.00nm 5.4mb
e 19 27.00 175kmX
CIT 62.55 0 eP 18 54.00 0.0
YSS 63.27 22 ePc 18 57.10 -1.7
1.1s 30.00nm 5.3mb
i 19 07.00 32km
e 27 20.00
e 28 41.00
IRK 63.30 354 eP 19 04.00 5.1X
1.6s 15.00nm 4.9mb
Z 18s 0.26um 4.5Msz
e 19 41.00 155kmX
FRU 64.04 329 eP 19 04.00 0.0
1.7s 180.00nm 5.9mb
e 19 15.00 36km
MAW 65.68 199 eP 19 14.00 -0.2
1.3s 12.00nm 4.8mb
BOD 68.42 0 eP 19 31.00 -0.5
1.3s 102.00nm 5.7mb
MAIO 68.99 316 iPc 19 35.00 -0.7
ASH 70.63 317 eP 19 46.00 0.5
1.0s 120.00nm 5.9mb
SYO 74.19 201 iPc 20 04.60 -1.4
PET 74.41 26 eP 20 07.00 -0.5
eS 29 44.00
NAI 76.52 271 iPc 20 23.20 2.5
Z 20s 0.35um 4.7Msz
KER 77.11 309 eP 20 22.00 -1.4
TAB 79.13 312 eP 20 34.00 -0.5
SPA 79.25 180 iPc 20 34.50 -0.1
1.1s 17.26nm 5.0mb
SVE 80.10 334 iPd 20 39.50 0.4
1.8s 140.00nm 5.7mb
N 16s 0.20um
E 16s 0.15um
e 20 50.00 33km
eS 30 40.00
ARU 80.76 333 eP 20 43.00 0.4
e 20 53.00 32km
SLR 80.96 245 iPc 20 45.00 0.5
1.0s 80.00nm 5.7mb
MTA 81.61 315 iPc+ 20 48.80 1.5
0.8s 80.00nm 5.8mb
GRO 81.65 317 iPc 20 50.00 2.5
1.0s 110.00nm 5.8mb
KSR 82.18 245 iPc 20 51.70 0.8
0.8s 40.00nm 5.5mb
BLF 82.35 242 eP 20 52.10 0.4
BOSA 83.09 242 eP 20 55.90 0.6

06d 01h

PYA 83.67 317 iPc 20 59.00 1.0
KIV 83.89 317 iPd 20 59.40 0.2
e 21 10.20 34km
eS 31 18.00
SOC 85.79 316 eP 21 08.00 -0.5
1.2s 100.00nm 5.9mb
e 31 42.00
SNA 88.21 198 iPc 21 20.00 0.1
0.6s 30.00nm 5.8mb
MOS 90.94 327 eP 21 34.00 1.2
e 21 44.00 31km
e 25 16.00
OBN 91.31 326 iPc 21 35.30 0.8
1.2s 41.00nm 5.7mb
i 21 46.00 33km
WIN 91.57 247 eP 21 39.00 2.3
1.0s 40.00nm 5.8mb
ILT 91.90 21 iPc 21 38.60 1.7
1.4s 17.00nm 5.3mb
BCAO 95.51 273 iPc 21 52.50 -2.3
0.6s 11.00nm 5.5mb
i 22 04.00 37km
LIC 118.94 271 PKP 27 19.00 0.0
0.8s 11.50nm
TIC 119.00 272 PKP 27 19.20 0.1
0.8s 11.50nm
RMW 121.20 41 ePKP 27 23.51 1.1
SHW 121.33 42 (PKP) 27 24.73 1.9
LON 121.43 41 ePKP 27 23.81 0.9
NEW 123.83 38 ePKP 27 28.26 0.8
ARN 124.28 52 ePKP 27 30.22 1.5
CMB 125.00 51 ePKP 27 30.46 0.4
ABL 126.68 55 (PKP) 27 35.45 1.8
GSC 128.49 53 ePKP 27 38.98 2.1X
PEC 128.57 55 (PKP) 27 37.22 0.2
HHAI 128.93 42 ePKP 27 39.70 2.2X
HVU 129.29 44 ePKP 27 39.61 1.3
DUG 129.89 46 ePKP 27 40.17 0.7
MSU 130.98 48 ePKP 27 42.93 1.2
SRU 131.94 46 ePKP 27 43.91 0.4
PV09 133.18 47 ePKP 27 47.94 1.9
PV10 133.30 47 (PKP) 27 45.85 -0.3
RSSD 133.77 37 ePKP 27 46.34 -0.5
e 27 58.61
ULM 133.91 26 ePKP 27 50.50 3.9X
TUC 134.15 55 ePKP 27 50.61 2.9X
GOL 135.25 43 ePKP 27 49.76 -0.1
WMOK 142.29 46 ePKP 27 58.01 -4.6X
TUL 143.67 42 iPKPc 28 03.10 -1.7
GAC 144.42 11 ePKP 28 05.00 -0.8
XIN 144.96 236 ePKP 28 06.50 -1.1
LMN 145.05 358 ePKP 28 07.00 0.1
1.0s 22.00nm
TYS 145.11 34 iPKP 28 07.34 0.2
ipPKP 28 17.91
ACTO 145.32 17 PKP 28 07.81 0.4
WLVO 145.48 15 PKP 28 08.21 0.6
FVM 145.57 34 ePKP 28 07.83 -0.2
e 28 19.03
ITR 145.82 236 ePKP 28 10.10 1.0
e 28 19.30
TYNO 145.85 17 PKP 28 09.51 1.2
MIAR 145.94 42 iPKPc 28 10.24 1.5
epPKP 28 21.30
STCO 145.94 16 PKP 28 09.65 1.2
LBNH 146.39 7 ePKP 28 09.16 0.0
DON 146.42 35 ePKP 28 09.74 0.3
e 28 21.61
YSNY 146.80 16 ePKP 28 10.48 0.6
ePKPbc28 12.50
e 28 23.61
BINY 147.69 13 (PKP) 28 12.18 0.8
ePKPbc28 15.09
BAO 147.86 215 ePKP 28 16.00 3.5X
MOCB 148.12 182 PKP 28 14.40 1.2
HRV 148.14 7 (PKP) 28 14.00 2.0
ePKPbc28 16.38
LSCT 148.72 9 ePKP 28 14.59 1.6
ePKPbc28 17.64
GPD 149.14 12 ePKP 28 15.27 1.6
iPKPbc28 19.26
PNJ 149.31 11 i(PKP)28 19.39 5.5X
GMTN 149.32 11 iPKP 28 19.70 5.8X
NAV 150.71 23 ePKP 28 16.88 0.7
ePKPbc28 22.79
BLA 150.94 23 (PKP) 28 17.79 1.2
ePKPbc28 23.31

CVL 150.95 19 ePKP 28 23.53 7.1X
CCH 151.98 181 PKP 28 26.60 7.6X
ARE 152.49 170 ePKP 28 38.00 18.3X
CEH 152.61 22 ePKP 28 19.22 0.3
iPKPbc28 27.06
LPB 152.80 177 ePKP 28 22.00 1.7
i 28 28.40
SIV 152.80 192 PKP 28 17.50 -2.3
LPAZ 153.04 177 PKP 28 22.20 1.3
JSC 153.10 27 ePKP 28 21.31 1.6
ePKPbc28 28.21
SGS 154.35 28 ePKP 28 32.45 11.0X
S.D. = 1.3 on 140 of 164 obs.

? JUN 06, 1994 01h 34m 18.13± 4.35s
40.649 N ± 9.4km 29.705 E ±33.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

YLV 0.27 252 iPg 34 23.60 -0.2
eSg 34 29.60
IZI 0.36 210 iPg 34 25.60 0.1
iSg 34 33.10
ISK 0.64 311 ePg 34 30.60 -0.4
eSg 34 40.60
CTT 1.09 298 iPn 34 39.10 0.5
S.D. = 0.7 on 4 of 4 obs.

JUN 06, 1994 02h 06m 25.28± 0.69s
35.206 N ± 6.2km 3.903 W ± 7.0km
DEPTH = 28.0 ± 5.9 km
STRAIT OF GIBRALTAR (385)
mbLg 3.5 (MDD). MD 3.4 (RBA).

EMEL 0.78 83 iPd 06 40.56 0.3
eS 06 49.80
TAF 1.28 107 iPn 06 49.50 2.0
iSn 07 08.00
i 07 11.00
EGUA 1.65 9 eP 06 51.33 -1.4
eS 07 11.40
PLAT 1.77 302 iP 06 56.00 1.6
EJIF 1.78 315 eP 06 54.61 0.0
eS 07 16.20
ERON 1.81 2 eP 06 54.65 -0.5
eS 07 16.30
ELOJ 1.95 354 eP 06 57.52 0.4
eS 07 19.00
IFR 1.97 211 iPn 06 58.00 0.5
iSn 07 22.00
ALJ 2.01 317 eP 07 00.00 1.9
EPRU 2.06 329 eP 06 58.18 -0.5
eS 07 22.10
ECOG 2.09 7 eP 06 59.22 0.1
eS 07 22.80
ENIJ 2.23 37 eP 06 59.81 -1.3
eS 07 25.20
GIBL 2.32 315 eP 07 04.00 1.7
ELUQ 2.37 353 eP 07 02.77 -0.3
eS 07 29.00
EHUE 2.81 22 eP 07 09.32 0.0
eS 07 40.10
EHOR 2.83 338 eP 07 08.14 -1.4
eS 07 40.60
EBAN 2.95 2 eP 07 10.63 -0.7
eS 07 44.30
EVAL 3.30 317 eP 07 15.46 -0.8
eS 07 52.50
AVE 3.47 238 ePn 07 17.00 -1.8
e 07 20.00
eSn 07 55.00
i 08 04.50
EVIA 3.61 18 eP 07 19.52 -1.2
eS 07 59.30
PAB 4.35 355 ePn 07 34.00 2.8
eSn 08 21.00
TIO 5.11 214 iPn 07 41.00 -1.2
iSn 08 37.00
S.D. = 1.4 on 22 of 22 obs.

JUN 06, 1994 02h 18m 36.50± 0.34s
10.515 S ± 5.1km 113.411 E ± 7.2km
DEPTH = 21.9km (5 depth phases)
5.1mb (13 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 2.55 44 ePd 19 19.00 1.7
eS 19 50.50
e 24 13.50
TRT 2.90 345 ePc 19 22.10 -0.2
iS 19 52.70
KHKI 3.04 46 iPd 19 24.70 0.3
iS 19 58.10
SJI 3.21 329 ePd 19 28.00 1.3
eS 20 05.00
LEM 6.80 302 ePd 20 19.10 1.4
WSI 6.83 84 iPd 20 14.20 -3.7X
eS 21 29.00
MKS 7.98 49 iPc 20 37.50 3.4X
NANU 12.15 171 iPd 21 27.30 -4.0X
eS 23 31.00
MBL 12.25 151 iPd 21 28.00 -4.7X
eS 23 34.00
MEEK 16.77 164 eP 22 30.00 -1.8
iS 25 24.00
MTN 17.51 99 eP 22 42.00 1.0
MRWA 18.76 173 eP 22 54.30 -2.2
0.3s 14.00nm 4.6mb
eS 26 08.00
WARB 19.99 143 eP 23 11.00 0.5
eS 26 40.00
BAL 20.22 172 eP 23 13.00 0.0
eS 26 45.00
KLB 21.36 170 eP 23 25.00 0.4
e 23 30.00 18km
COOL 21.50 162 eP 23 25.50 -0.6
0.3s 35.00nm 5.3mb
e 23 31.00 20km
eS 27 11.00
MUN 21.51 174 eP 23 27.00 0.8
eS 27 15.00
WB2 22.25 117 eP 23 33.60 -0.1
0.5s 33.10nm 5.0mb
eS 27 30.50
NWAO 22.58 172 eP 23 37.70 0.9
ASPA 23.51 126 P 23 48.09 2.1
0.4s 27.70nm 5.1mb
NNT 26.67 329 eP 24 16.00 0.0
NST 29.15 333 eP 24 38.50 0.1
CHTO 32.45 334 ePc 25 06.60 -0.9
1.0s 14.25nm 4.9mb
STKA 33.62 133 iPc 25 18.50 0.9
0.6s 21.60nm 5.3mb
KMI 36.92 344 eP 25 46.00 0.0
1.0s 50.00nm 5.3mb
pP 25 54.00 27km
sP 26 05.00
GUMO 39.34 53 eP 26 04.00 -2.2
0.8s 140.80nm 5.7mb
PJG 39.34 53 eP 26 04.90 -1.3
GUA 39.35 53 eP 26 04.40 -1.9
0.7s 109.59nm 5.7mb
SSE 42.04 10 Pd 26 27.20 -0.9
1.0s 35.00nm 5.0mb
pP 26 33.50 21km
GBA 42.99 303 P 26 35.00 -1.2
LZH 47.22 349 eP 27 10.00 0.1
1.4s 39.00nm 5.3mb
Z 16s 0.33um 4.4MszX
pP 27 17.00 23km
BJI 50.36 3 eP 27 38.50 4.6X
1.2s 11.00nm 4.7mb
MAT 52.30 25 eP 27 45.00 -3.8X
0.7s 6.16nm 4.6mb
MAIO 68.84 316 eP 29 40.00 -1.7
MSU 130.72 48 (PKP) 37 48.49 0.2
WMOK 142.02 45 ePKP 38 07.53 -1.7
XIN 145.19 236 ePKP 38 15.90 0.8
FVM 145.28 34 ePKP 38 14.51 -0.1
MIAR 145.66 42 ePKP 38 15.55 0.2
ITR 146.05 237 ePKP 38 18.40 1.8
DON 146.13 35 ePKP 38 16.56 0.5
YSNY 146.49 16 ePKP 38 17.51 1.0
BINY 147.38 13 ePKP 38 18.80 0.9
BAO 148.15 216 ePKP 38 25.20 5.2X
LSCT 148.42 10 ePKP 38 23.48 3.9X
MOCB 148.42 182 PKP 38 26.70 5.9X
NAV 150.40 23 ePKP 38 28.47 5.7X
CCH 152.28 181 PKP 38 36.30 9.8X
CEH 152.30 22 ePKP 38 33.19 7.6X
LPB 153.08 177 PKP 38 36.00 8.3X
LPAZ 153.33 177 PKP 38 32.50 4.2X
S.D. = 1.2 on 37 of 51 obs.

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* JUN 06, 1994 02h 23m 33.75± 1.12s
10.932 S ± 7.7km 112.491 E ±21.6km
DEPTH = 33.0km (normal)
5.0mb (5 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT 3.21 3 ePc 24 22.40 -0.6
eS 24 50.90
DNP 3.49 50 ePd 24 27.00 -0.1
e 29 20.50
NANU 11.92 166 eP 26 23.00 -1.5
eS 28 28.00
MBL 12.37 146 eP 26 31.00 0.5
eS 28 32.00
MEEK 16.66 161 eP 27 27.30 0.9
eS 30 19.00
WB2 22.87 116 eP 28 38.00 2.3X
0.6s 30.80nm 5.0mb
eS 32 38.80
ASPA 24.00 125 iPc 28 50.10 3.5X
0.7s 32.20nm 5.0mb
eS 33 05.60
STKA 34.00 132 eP 30 19.80 3.1X
0.5s 22.20nm 5.3mb
KMI 37.08 345 eP 30 45.60 2.5X
1.0s 10.00nm 4.6mb
LZH 47.47 350 eP 32 08.50 0.9
1.2s 25.00nm 5.1mb
pP 32 20.00 41kmX
MOCB 147.97 183 PKP 43 24.30 8.7X
CCH 151.83 183 ePKP 43 33.00 11.6X
LPB 152.71 179 PKP 43 35.00 12.3X
LPAZ 152.95 179 PKP 43 35.90 12.5X
S.D. = 1.2 on 6 of 14 obs.

% JUN 06, 1994 02h 27m 33.77± 3.76s
42.073 N ±19.4km 20.011 E ±22.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.1 (TTG).

PVY 0.52 357 iPgd 27 43.42 -1.0
iSg 27 51.70
ULC 0.58 259 iPgd 27 44.40 -1.1
iSg 27 53.39
TTG 0.66 303 iPgd 27 45.10 -1.8
iSg 27 56.39
IVA 0.80 354 ePg 27 48.40 -1.0
iSg 28 00.70
BDV 0.90 284 iPgd 27 50.22 -0.9
iSg 28 04.22
NKY 1.05 315 iPgc 27 53.16 -0.5
iSg 28 09.16
HCY 1.18 289 iPgd 27 54.83 -1.0
iSg 28 13.52
BRY 1.36 308 iPgc 27 58.69 -0.3
iSg 28 18.89
S.D. = 0.5 on 8 of 8 obs.

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* JUN 06, 1994 03h 05m 42.40± 0.81s
3.891 S ±10.1km 129.587 E ±25.5km
DEPTH = 33.0km (normal)
4.7mb (6 obs.)
SERAM, INDONESIA (272)

MTN 9.03 170 eP 07 54.00 0.5
KNA 11.81 184 eP 08 30.40 -1.2
WB2 16.62 164 iPc 09 30.50 -4.1X
0.6s 24.20nm 4.5mb
eS 12 29.60
ASPA 20.10 168 iPc 10 16.00 -0.3
0.7s 28.80nm 4.7mb
i 10 23.60
iS 13 57.10
WARB 22.34 187 eP 10 41.00 1.9
STKA 30.04 159 eP 11 50.20 -0.5
2.3s 16.70nm 4.4mb
KMI 38.88 319 eP 13 08.20 1.2
0.6s 20.00nm 5.1mb
MAT 41.02 11 eP 13 24.00 -0.2
0.8s 5.97nm 4.4mb
LZH 46.49 331 eP 14 08.50 -0.1
1.4s 28.00nm 5.0mb
GBA 54.59 290 P 15 09.00 -1.3
LPAZ 153.37 139 PKP 25 41.80 9.1X
S.D. = 1.2 on 9 of 11 obs.

? JUN 06, 1994 04h 13m 44.15± 4.03s
33.291 S ±23.9km 179.822 E ±57.9km
DEPTH = 404.6 ± 17.8 km
4.2mb (3 obs.)
SOUTH OF KERMADEC ISLANDS (179)

HBZ 4.47 196 P 15 03.10 1.5
KUZ 4.82 223 P 15 06.20 1.2
PUZ 4.94 194 P 15 06.40 0.1
eS 16 09.90
MOZ 6.61 217 P 15 25.50 1.3
S 16 51.90
WAHZ 6.98 203 eP 15 28.00 -0.4
MNG 8.10 204 eP 15 39.50 -1.5
KIW 8.51 206 eP 15 44.60 -1.3
CAW 8.67 205 eP 15 45.90 -1.8
MRW 8.91 206 eP 15 50.10 -0.3
eS 17 29.40
TCW 9.06 208 eP 15 51.10 -1.0
THZ 10.08 211 eP 16 03.90 -0.2
S 17 54.10
LTZ 11.19 210 eP 16 16.30 -0.5
eS 18 15.20
MQZ 11.81 206 eP 16 24.00 -0.2
S 18 31.90
ODZ 13.72 208 eP 16 47.10 2.4
MSZ 14.63 216 eP 16 56.40 1.9
WHZ 15.54 212 eP 17 07.10 3.1X
ASPA 41.21 271 iPd 20 53.20 0.2
0.7s 11.10nm 4.3mb
WB2 42.45 277 iPd 21 02.30 -0.7
0.6s 10.70nm 4.4mb
WRA 42.46 276 P 21 02.50 -0.6
0.7s 3.20nm 3.8mb
RAMN 106.76 291 PKP 31 19.99 -4.1X
S.D. = 1.3 on 18 of 20 obs.

? JUN 06, 1994 04h 15m 56.88± 5.81s
40.658 N ± 9.6km 29.833 E ±41.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

YLV 0.36 255 iPg 16 04.00 -0.4
eSg 16 10.50
IZI 0.42 221 iPg 16 05.50 0.0
iSg 16 12.50
ISK 0.71 305 iPg 16 10.30 -0.6
eSg 16 20.50
CTT 1.17 295 iPn 16 19.50 0.8
KCT 1.20 251 ePn 16 19.50 0.3
S.D. = 0.8 on 5 of 5 obs.

JUN 06, 1994 04h 55m 11.88± 0.37s
10.639 S ± 6.1km 112.535 E ± 5.9km
DEPTH = 43.9km (3 depth phases)
5.3mb (20 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT 2.92 2 ePd 55 56.20 -0.7
eS 56 24.90
SJI 2.98 345 ePc 55 57.00 -0.9
eS 56 33.00
KHKI 3.78 54 ePc 56 08.50 -0.6
e(S) 56 55.00
e 01 57.00
LEM 6.16 308 ePd 56 42.50 -0.4
eS 58 32.00
WSI 7.70 84 ePd 57 03.80 -0.4
MEEK 16.92 161 eP 59 02.00 -5.2X
eS 01 56.00
MRWA 18.77 171 eP 59 25.00 -5.0X
IPM 18.97 322 ePc 59 32.50 0.0
WARB 20.42 141 eP 59 47.00 -1.1
PPR 21.20 17 ePd 59 55.00 -1.1
COOL 21.67 160 eP 00 00.50 -0.3
e 00 05.00
DAV 21.88 37 e(P) 59 43.50 -19.4X
WB2 22.96 116 iPd 00 13.00 -0.6
0.8s 29.20nm 4.8mb
ipP 00 23.70 41km
ASPA 24.13 125 iPd 00 26.60 1.6
0.8s 33.20nm 4.9mb
Z 18s 0.20um 3.6Msz
ipP 00 34.80 29kmX
eS 04 37.30
PLP 24.94 30 eP 00 32.50 -0.3
PGP 25.40 19 ePc 00 38.00 0.9
NNT 26.35 331 eP 00 48.00 2.2
BAG 28.03 17 ePd 01 03.10 1.7
NST 28.88 335 eP 01 10.00 1.2
STKA 34.16 133 eP 01 55.20 0.1
0.8s 41.00nm 5.4mb
i 02 04.60
KMI 36.81 345 eP- 02 19.00 1.2
1.2s 30.00nm 5.1mb
Z 14s 1.20um 4.8MszX
pP 02 31.30 45km
sP 02 36.70
TOO 39.93 138 eP 02 47.20 3.5X
0.9s 22.00nm 5.0mb
SSE 42.32 11 Pd 03 04.00 0.8
1.0s 12.00nm 4.6mb
i 03 17.50
GBA 42.34 304 P 03 04.00 0.4
ODAN 44.56 327 P 03 21.46 -0.3
0.7s 43.00nm 5.4mb
TAPN 44.78 328 P 03 23.78 0.1
0.9s 61.00nm 5.4mb
RAMN 45.05 327 P 03 25.64 -0.1
JIRN 45.84 327 P 03 32.06 0.0
1.0s 109.00nm 5.7mb
PKI 46.19 326 P 03 33.68 -1.2
1.0s 43.00nm 5.4mb
GUN 46.20 327 P 03 34.98 0.0
DMN 46.39 326 P 03 35.96 -0.4
0.9s 76.00nm 5.7mb
KKN 46.44 326 P 03 36.54 -0.1
0.9s 49.00nm 5.5mb
GKN 46.96 326 P 03 39.96 -0.7
0.8s 44.00nm 5.5mb
LZH 47.19 350 eP 03 42.50 0.1
1.2s 40.00nm 5.3mb
Z 18s 0.49um 4.5Msz
pP 03 55.00 46km
KOLN 47.36 324 P 03 43.44 -0.5
0.8s 57.00nm 5.6mb
DANN 47.72 325 P 03 46.26 -0.6
0.9s 88.00nm 5.8mb
PYUN 47.96 324 P 03 47.28 -1.4
1.0s 61.00nm 5.6mb
BJI 50.53 4 eP 04 07.00 -0.9
1.0s 7.00nm 4.6mb
ZAK 61.30 353 eP 05 24.40 -0.6
1.2s 12.00nm 4.9mb
CIT 62.39 1 eP 05 33.00 0.6
YSS 63.40 23 iPc 05 38.30 -0.8
1.1s 30.00nm 5.3mb
e 05 48.10
MAIO 68.32 316 eP 06 04.00 -7.0X
SPA 79.43 180 eP 07 18.00 3.0X
1.2s 3.52nm 4.2mb X
SVE 79.60 334 eP 07 17.00 1.2
OBN 90.73 326 eP 08 11.00 -0.2
e 08 22.00
ILT 92.01 21 eP 08 19.00 2.1
MOX 105.07 320 ePKP 13 26.50 -4.4X
2.1s 59.00nm
GRF 105.35 319 ePKP 13 23.50 -8.0X
1.4s 15.90nm
Z 23s 0.10um 4.3MszX
e(pP) 13 29.50
FUR 105.35 317 ePKP 13 20.00 -11.6X
CDF 108.01 317 ePKP 13 31.80 -4.9X
1.0s 6.60nm
BSF 108.38 317 ePKP 13 31.20 -6.2X
1.4s 30.05nm
LPL 108.58 314 ePKP 13 30.00 -8.0X
1.7s 36.75nm
HAU 108.66 317 ePKP 13 31.80 -6.0X
LBF 110.36 316 ePKP 13 37.70 -3.4X
0.9s 5.55nm
SMF 110.49 316 ePKP 13 35.80 -5.5X
1.4s 20.90nm
SSF 110.67 316 ePKP 13 39.60 -2.0X
1.5s 26.10nm
BGF 111.18 316 ePKP 13 39.20 -3.4X
1.3s 35.40nm
CAF 111.92 314 ePKP 13 37.80 -6.3X
1.8s 52.65nm
RJF 112.26 315 ePKP 13 40.20 -4.5X
1.2s 15.75nm
Z 23s 0.08um 4.2MszX

06d 05h

EPF 113.39 312 ePKP 13 38.50 -8.5X
PAB 117.39 309 ePKPd 13 48.10 -6.7X
GAC 144.39 10 ePKP 14 44.50 -0.6
XIN 144.40 237 (PKP) 14 42.00 -4.1X
LMN 144.84 357 ePKP 14 46.50 0.6
ITR 145.26 237 ePKP 14 50.90 3.4X
MOCB 148.26 183 PKP 14 58.90 6.1X
LPB 153.00 179 PKP 15 10.00 10.1X
LPAZ 153.24 179 PKP 15 11.90 11.4X
S.D. = 0.9 on 42 of 68 obs.

? JUN 06, 1994 05h 01m 07.40± 0.65s
15.220 S ±15.1km 66.915 E ±17.8km
DEPTH = 10.0km (geophysicist)
4.8mb (7 obs.) 4.8Msz (2 obs.)
MID-INDIAN RIDGE (429)

MAIO 51.72 352 eP 10 17.00 -0.1
ASPA 63.25 109 iPc 12 27.40 48.6X
0.6s 13.20nm
WRA 64.08 105 P 11 59.90 15.6X
1.3s 1.90nm
WB2 64.09 105 eP 12 15.40 31.0X
0.5s 13.00nm
SSE 69.54 48 Pc 12 19.00 0.4
Z 20s 0.60um 4.8Msz
OBN 74.60 342 eP 12 43.00 -5.3X
e 12 46.00
e 12 53.00
e 13 05.00
SPA 74.87 180 eP 12 50.00 0.0
1.2s 2.82nm 4.2mb
ZST 77.12 328 eP 13 02.50 -0.2
0.8s 10.80nm 5.0mb
OKC 77.69 330 P 13 05.60 -0.2
GEC2 79.28 327 P 13 14.00 -0.6
0.9s 1.84nm 4.1mb
e 13 19.40
e 13 25.20
e 13 29.20
KHC 79.52 328 P 13 15.50 -0.4
1.3s 16.90nm 4.9mb
e 13 21.00
e 13 26.00
PRU 79.56 329 eP 13 16.40 0.4
BRG 80.41 329 eP 13 21.50 1.0
1.8s 27.00nm 4.9mb
e 13 26.90
CLL 81.15 329 iPc 13 25.10 0.7
1.5s 25.00nm 5.0mb
i 13 30.60
MAT 84.57 50 eP 13 42.00 -0.3
Z 20s 0.35um 4.7Msz
eS 24 05.00
HFS 86.36 336 eP 13 50.10 -0.6
0.5s 2.30nm 4.7mb
S.D. = 0.6 on 12 of 16 obs.

& JUN 06, 1994 05h 14m 01.92s
34.272 N 118.597 W
DEPTH = 9.2km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS), 3.3 (GS).

TWL 0.01 18 P 14 03.71 0.1
LEOC 0.43 34 P 14 10.32 -0.4
MWC 0.45 96 P 14 10.88 -0.2
LRRC 0.53 62 P 14 11.67 -1.1
LOK 0.61 318 P 14 13.03 -1.2
TPO 0.68 27 P 14 14.40 -1.1
RYS 0.73 301 P 14 15.39 -1.0
SSK 0.75 94 iPc 14 15.70 -1.1
TJR 0.76 351 P 14 15.64 -1.3
ABL 0.77 318 eP 14 15.61 -1.6
PLEC 0.80 331 P 14 17.11 -0.4
BMTC 0.86 0 P 14 17.38 -1.3
ARVC 0.87 347 P 14 17.76 -1.0
SNDC 0.90 16 P 14 18.44 -0.9
LPC 0.95 284 P 14 18.90 -1.3
MARC 0.95 320 P 14 19.03 -1.1
TEJ 0.96 355 P 14 19.34 -0.9
CSP 1.03 88 eP 14 20.54 -0.9
eS 14 35.22
HYS 1.03 55 P 14 20.46 -1.1
WJPM 1.14 5 P 14 22.44 -1.0
DTP 1.17 32 P 14 23.07 -0.8
PKM 1.18 302 P 14 23.19 -1.0
HOD 1.25 63 P 14 24.63 -0.7
PEC 1.25 107 eP 14 23.80 -1.5
eS 14 41.65
JFS 1.32 35 P 14 26.00 -0.5
CRGC 1.34 317 P 14 25.65 -1.1
ISA 1.39 4 eP 14 26.45 -1.1
WORM 1.45 11 P 14 28.82 0.5
SCCM 1.46 298 P 14 26.95 -1.5
SIL 1.47 87 P 14 29.10 0.4
RAY 1.50 99 P 14 29.88 0.7
POB 1.51 112 P 14 27.84 -1.3
BCH 1.53 307 eP 14 27.66 -1.8
eS 14 48.97
WSHM 1.63 33 P 14 31.21 0.3
RMR 1.68 91 P 14 32.43 0.7
TOW 1.68 24 P 14 33.95 2.3
PLM 1.71 122 eP 14 31.29 -0.9
eS 14 55.10
GSC 1.80 55 ePn 14 31.74 -1.6
RCWM 1.85 25 P 14 35.95 1.9
CSSM 1.88 21 P 14 36.54 2.0
INS 2.02 99 P 14 37.32 0.6
PHAM 2.15 317 eP 14 36.08 -2.3
PKEM 2.17 326 (Pn) 14 37.96 -0.8
BRGC 2.30 118 P 14 42.81 2.3
PADM 2.31 307 P 14 38.43 -2.3
PAPM 2.80 307 P 14 44.93 -2.8
BHPR 3.02 2 P 14 57.06 6.0
TPNV 3.29 35 ePn 14 53.59 -1.1
GLA 3.37 110 ePn 14 56.81 1.0
DIL 3.57 317 P 14 55.41 -3.1
BONR 3.68 4 (Pn) 14 58.68 -1.8
ePg 15 09.35
eS 15 58.26
ARN 3.89 323 (Pn) 15 02.61 -0.5
TNP 3.96 16 (Pn) 15 04.42 0.1
ePg 15 15.52
CMB 4.02 339 ePn 15 04.34 -0.7
LT3 4.19 316 P 15 04.44 -2.9
ARUT 5.46 49 ePn 15 25.62 0.1
56 obs. associated

? JUN 06, 1994 05h 23m 16.55± 2.11s
31.372 S ±25.9km 69.897 W ±18.7km
DEPTH = 140.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)
MD 3.7 (SAN).

ZON 1.06 100 iPd 23 41.10 -0.1
eS 23 56.10
JACH 1.43 204 iPd 23 45.61 0.5
iS 24 04.67
ROCH 1.85 210 iPd 23 50.12 0.1
iS 24 12.81
PEL 1.89 200 iP+ 23 50.21 0.0
iS 24 13.09
FCH 1.98 190 iP+ 23 52.01 0.4
iS 24 16.34
SAN 2.17 197 eP 23 53.78 0.1
PCH 2.30 193 iP+ 23 55.59 0.3
iS 24 22.73
TACH 2.44 201 iP+ 23 56.49 -0.4
iS 24 25.40
LCCH 2.53 214 iP+ 23 58.20 0.2
iS 24 26.34
CHCH 2.63 194 iP+ 23 59.06 -0.4
iS 24 29.99
CACH 2.80 192 iPd 24 01.74 0.1
iS 24 34.86
LNV 2.88 206 iPd 24 01.63 -0.8
S.D. = 0.4 on 12 of 12 obs.

JUN 06, 1994 05h 32m 54.88± 1.22s
10.587 S ± 5.4km 112.618 E ± 6.0km
DEPTH = 20.5 ± 8.4 km
5.5mb (37 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 5.1 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 23C
Centroid Location:
Origin Time 05:33: 3.1 0.8
Lat 10.48S 0.09 Lon 112.97E 0.17
Dep 15.0 FIX Half-duration 1.6
Moment Tensor; Scale 10**16 Nm
Mrr=-5.54 1.16 Mtt= 4.04 0.58
Mff= 1.50 1.70 Mrt=-1.91 2.19
Mrf= 0.90 2.16 Mtf=-0.50 0.67
Principal Axes:
T Val= 4.55 Plg=12 Azm=193
N 1.44 3 283
P -5.99 78 29
Best Double Couple:Mo=5.3*10**16
NP1:Strike=278 Dip=33 Slip= -96
NP2: 106 57 -86

SJI 2.96 343 ePd 33 43.00 1.4
eS 34 15.00
DNP 3.18 54 ePd 33 46.50 1.6
eS 34 28.00
e 44 31.50
KHKI 3.68 53 eP 33 53.00 1.0
e(S) 34 41.00
LEM 6.20 307 iPd 34 28.50 0.8
eS 35 42.00
WSI 7.61 84 ePc 34 48.00 0.6
eS 35 59.00
MKS 8.63 52 iPc 35 07.00 5.4X
KKM 16.90 12 eP 36 56.00 3.9X
MEEK 16.94 161 eP 36 46.60 -5.8X
iS 39 40.00
MTN 18.27 99 eP 37 08.00 -0.9
MRWA 18.80 171 eP 37 10.00 -5.5X
0.4s 16.00nm 4.6mb
e 37 20.00
eS 40 25.00
BAL 20.28 170 eP 37 30.00 -2.1
WARB 20.41 141 eP 37 31.00 -2.5
eS 41 01.00
SNG 21.31 325 eP 37 43.20 0.5
MUN 21.55 172 eP 37 43.50 -1.5
e 37 48.00
eS 41 30.00
COOL 21.69 160 eP 37 44.00 -2.6
e 37 51.00
eS 41 28.00
DAV 21.79 37 eP 37 46.10 -1.5
CGP 22.41 33 eP 37 54.00 0.2
NWAO 22.64 170 eP 37 41.40 -14.5X
Z 22s 1.10um 4.2Msz
e 37 54.00
WRA 22.90 117 P 37 57.79 -0.9
0.8s 49.60nm 5.1mb
WB2 22.91 117 eP 37 57.20 -1.5
0.7s 82.00nm 5.4mb
eS 42 03.80
BIP 23.09 36 eP 38 04.00 3.5X
ASPA 24.10 125 P 38 10.10 -0.2
0.7s 39.60nm 5.1mb
FORT 24.69 147 eP 38 15.30 -0.5
0.6s 35.00nm 5.2mb
PLP 24.86 30 ePd 38 17.70 0.1
PGP 25.32 19 ePc 38 23.50 1.5
QCP 26.43 19 eP 38 38.00 5.8X
BAG 27.96 16 ePc 38 45.00 -1.4
1.5s 83.33nm 5.3mb
NST 28.87 334 eP 38 55.00 0.6
CHTO 32.18 335 iPd 39 24.50 0.8
1.0s 46.25nm 5.4mb
STKA 34.14 133 eP 39 39.00 -1.7
0.6s 73.10nm 5.8mb
TOO 39.92 138 iPc 40 31.10 1.7
1.1s 76.00nm 5.3mb
BWA 40.37 132 eP 40 35.30 2.2
CAN 41.20 133 eP 40 41.20 1.2
i 42 39.80
ARMA 41.24 124 eP 40 42.20 1.7
0.6s 3.00nm 4.2mb X
CNB 41.47 132 eP 40 42.60 0.4
1.4s 42.00nm 5.0mb
SSE 42.25 11 P 40 46.50 -1.9
1.0s 23.00nm 4.9mb
GBA 42.38 304 P 40 49.50 -0.2
0.9s 8.50nm 4.5mb X
ODAN 44.56 327 P 41 06.82 -0.8
0.9s 118.00nm 5.8mb
TAPN 44.78 328 P 41 09.04 -0.5
0.9s 125.00nm 5.8mb
RAMN 45.06 326 P 41 11.00 -0.6
1.1s 128.00nm 5.8mb
JIRN 45.84 327 P 41 17.34 -0.6
0.8s 151.00nm 6.0mb
PKI 46.20 326 P 41 20.20 -0.5

1.1s 102.00nm 5.7mb
GUN 46.20 327 P 41 20.00 -0.8
0.7s 111.00nm 5.9mb
DMN 46.39 326 P 41 21.08 -1.1
0.9s 146.00nm 6.0mb
GKN 46.96 325 P 41 25.36 -1.2
0.9s 96.00nm 5.8mb
LZH 47.15 350 eP 41 27.50 -0.5
1.8s 133.00nm 5.7mb
Z 30s 0.72um 4.5MszX
pP 41 47.00 79kmX
sP 41 55.00
KOLN 47.37 324 P 41 28.72 -1.2
0.7s 88.00nm 5.9mb
DANN 47.72 325 P 41 31.26 -1.5
0.8s 123.00nm 6.0mb
PYUN 47.97 324 P 41 33.02 -1.6
1.1s 116.00nm 5.8mb
TKSJ 48.78 24 P 41 39.60 -0.9
WKYJ 49.62 25 P 41 45.40 -1.6
YONJ 49.62 22 P 41 45.70 -1.2
BJI 50.48 4 eP 41 52.50 -0.8
1.5s 28.00nm 5.0mb
Z 22s 0.56um 4.5Msz
NDI 51.90 320 eP 42 05.00 0.6
MAT 52.70 26 eP 42 07.00 -3.3X
0.9s 13.45nm 4.9mb
OFUJ 56.33 27 eP 42 33.60 -3.1X
ASAJ 60.89 24 P 43 07.60 -0.8
KUSJ 60.93 26 P 43 07.60 -1.1
ZAK 61.26 353 eP 43 09.30 -1.4
1.5s 52.00nm 5.4mb
CIT 62.34 1 eP 43 18.00 -0.1
IRK 63.01 354 eP 43 22.00 -0.5
2.0s 69.00nm 5.5mb
Z 16s 0.34um 4.6MszX
e 45 39.00
YSS 63.33 23 ePc+ 43 23.00 -1.6
1.2s 90.00nm 5.8mb
e 44 04.00
FRU 63.49 330 eP 43 23.00 -2.9
2.2s 180.00nm 5.8mb
BOD 68.20 1 eP 43 51.10 -4.6X
2.0s 123.00nm 5.7mb
MAIO 68.34 316 eP 43 56.00 -1.2
ASH 69.99 317 eP 44 08.00 0.8
SYO 74.15 201 ePc 44 30.20 -1.1
PET 74.52 27 eP 44 33.00 -0.6
SPA 79.48 180 eP 45 01.00 -0.4
1.1s 5.95nm 4.5mb
SVE 79.59 334 iPc 45 02.00 0.1
1.9s 140.00nm 5.7mb
ARU 80.24 333 eP 45 05.50 0.1
1.7s 100.00nm 5.6mb
SLR 80.42 246 iPc 45 08.20 1.0
0.8s 26.00nm 5.3mb
PYA 83.04 317 eP 45 22.10 1.8
KIV 83.26 317 eP 45 22.50 1.0
2.8s 80.00nm 5.4mb
MOS 90.37 327 eP 45 58.00 2.3
OBN 90.74 326 eP 45 56.00 -1.4
e 46 08.00
ILT 91.93 21 eP 46 04.00 1.3
1.4s 17.00nm 5.3mb
e 49 39.00
BCAO 94.81 274 iPd 46 19.10 2.0
1.0s 15.00nm 5.4mb
GMW 120.83 40 ePKP 51 45.48 -1.8
RMW 121.48 40 ePKP 51 49.69 1.1
JEGM 123.93 52 ePKP 51 51.56 -2.0
NEW 124.08 38 ePKP 51 54.35 0.7
PLM 129.39 55 (PKP) 52 07.61 3.2X
DUG 130.23 46 ePKP 52 06.06 0.3
BW06 131.30 41 ePKP 52 09.70 1.8
MSU 131.34 47 ePKP 52 10.57 2.5X
EMUT 131.79 45 ePKP 52 11.69 2.8X
SRU 132.29 46 ePKP 52 11.78 2.0
PV09 133.53 46 (PKP) 52 15.04 2.7X
PV10 133.65 46 ePKP 52 09.87 -2.6X
iPP 54 38.83
ULM 134.00 25 ePKP 52 17.00 4.6X
RSSD 134.01 37 ePKP 52 13.65 0.7
GOL 135.56 43 ePKP 52 16.97 0.9
e 52 32.87
ALQ 136.98 49 ePKP 52 20.19 1.3
WMOK 142.63 45 ePKP 52 24.52 -4.3X
GAC 144.33 10 ePKP 52 30.50 -0.8
XIN 144.50 237 ePKP 52 31.90 -0.6
LMN 144.79 357 ePKP 52 32.00 -0.1
TYS 145.30 33 ePKP 52 33.61 0.4
ACTO 145.31 16 PKP 52 33.07 0.0
ITR 145.36 237 ePKP 52 34.20 0.2
WLVO 145.44 14 PKP 52 33.38 0.2
FVM 145.77 33 ePKP 52 34.32 0.3
TYNO 145.84 16 PKP 52 34.69 0.7
STCO 145.92 15 PKP 52 34.91 0.8
MIAR 146.23 41 ePKP 52 35.81 0.9
LBNH 146.24 6 ePKP 52 35.82 1.2
YSNY 146.77 15 ePKP 52 37.18 1.6
epPKP 52 51.30
GRT 147.57 34 ePKP 52 39.60 2.7X
iPKPbc52 42.10
BINY 147.62 12 ePKP 52 37.94 1.0
iPKPbc52 40.80
HRV 147.99 6 (PKP) 52 39.12 1.7
iPKPbc52 41.94
MOCB 148.32 183 PKP 52 40.80 1.6
LSCT 148.61 8 ePKP 52 41.27 2.8X
iPKPbc52 43.24
GPD 149.05 10 ePKP 52 43.48 4.3X
NAV 150.77 22 ePKP 52 43.59 1.6
ePKPbc52 47.89
ePKPab52 55.02
CVL 150.96 18 iPKP 52 49.42 7.3X
CCH 152.18 183 PKP 52 54.00 9.1X
CEH 152.66 21 ePKPc 52 46.44 1.8
ePKPbc52 51.95
ePKPab53 01.98
LPB 153.05 178 PKP 52 48.10 1.8
JSC 153.22 26 ePKP 52 46.87 1.4
iPKPbc52 53.72
LHS 153.24 25 ePKP 52 47.81 2.3X
iPKPbc52 54.26
ePKPab53 05.37
LPAZ 153.29 178 PKP 52 49.10 2.2X
SGS 154.47 26 (PKP) 52 51.15 3.9X
ePKPbc52 57.98
S.D. = 1.3 on 98 of 123 obs.

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* JUN 06, 1994 05h 44m 13.12± 0.78s
10.811 S ± 9.9km 112.511 E ±11.2km
DEPTH = 34.6km (2 depth phases)
4.8mb (5 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT 3.09 2 ePc 44 59.20 -1.5
iS 45 27.50
DNP 3.40 52 ePd 45 06.00 0.9
e 48 23.50
LEM 6.25 309 ePd 45 46.40 0.8
MBL 12.46 147 eP 47 07.00 -4.0X
eS 49 13.00
MEEK 16.76 161 eP 48 06.00 -1.0
WB2 22.91 116 iPc 49 16.20 1.0
0.9s 17.70nm 4.5mb
epP 49 26.00 36km
ASPA 24.05 125 iPc 49 28.70 2.3X
1.0s 24.10nm 4.7mb
eS 53 35.90
PGP 25.57 19 ePc 49 41.50 0.7
CHTO 32.34 335 eP 50 42.50 1.0
STKA 34.06 132 eP 50 58.50 2.0X
0.8s 20.00nm 5.1mb
i 51 08.20 33km
GBA 42.42 304 P 52 07.00 0.6
LZH 47.35 350 eP 52 45.00 -0.9
2.0s 43.00nm 5.1mb
Z 13s 0.89um 4.9MszX
E 11s 0.51um
BJI 50.70 4 eP 53 10.00 -1.4
1.0s 6.00nm 4.5mb
LPB 152.83 179 PKP 04 13.20 11.1X
LPAZ 153.07 179 PKP 04 14.00 11.3X
S.D. = 1.2 on 10 of 15 obs.

% JUN 06, 1994 06h 02m 41.45± 0.83s
42.403 N ± 7.3km 18.917 E ± 6.4km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.5 (TTG).

BDV 0.14 209 iPgc 02 44.95 0.2
iSg 02 47.63
TTG 0.26 84 iPgd 02 46.65 -0.2
iSg 02 51.53
HCY 0.31 278 iPgc 02 47.72 -0.2
iSg 02 53.15
NKY 0.41 8 iPgc 02 50.22 0.3
iSg 02 56.91
BRY 0.57 331 iPgc 02 52.98 -0.1
iSg 03 02.09
S.D. = 0.4 on 5 of 5 obs.

JUN 06, 1994 06h 13m 26.99± 0.35s
7.535 N ± 5.8km 71.840 W ± 6.4km
DEPTH = 33.0km (normal)
4.5mb (19 obs.) 5.0Msz (1 obs.)
VENEZUELA (101)

BOG 3.64 218 iP 14 24.00 1.2
iS 15 21.50
PSO 8.34 221 eP 15 28.00 -1.0
TCE 10.44 72 eP 15 58.12 0.5
TRN 10.76 73 eP 16 00.08 -1.8
LPAZ 23.95 171 P 18 39.00 -1.1
i 26 08.20
LPB 24.20 171 P 18 40.50 -1.7
i 26 12.80
CCH 25.39 167 P 18 56.20 2.7
FVM 34.67 334 eP 20 15.86 0.2
0.6s 21.23nm 5.2mb
BINY 34.72 355 (P) 20 17.54 1.5
0.7s 3.13nm 4.4mb
WMOK 36.70 321 iPc 20 31.61 -1.3
0.6s 6.14nm 4.7mb
iPcP 22 55.34
ALQ 41.87 316 eP 21 16.55 0.4
1.1s 3.23nm 4.0mb
TUC 43.76 310 eP 21 32.06 0.7
0.9s 2.92nm 4.1mb
GLD 43.84 322 eP 21 32.15 0.1
1.2s 9.51nm 4.5mb
GOL 43.90 322 ePd 21 33.11 0.4
0.6s 5.70nm 4.5mb
ePcP 23 18.79
RSSD 46.00 328 eP 21 49.39 0.1
0.6s 4.35nm 4.6mb
JAQ 46.24 357 eP 21 50.50 -0.2
SRU 46.84 318 eP 21 56.33 0.3
ULM 47.06 339 eP 21 59.50 2.2
MSU 47.65 317 (P) 22 01.93 -0.5
DAU 48.01 319 eP 22 05.28 -0.1
BW06 48.27 323 eP 22 06.40 -0.8
1.0s 4.83nm 4.5mb
DUG 48.92 318 eP 22 11.90 -0.2
0.6s 0.99nm 4.0mb
ePcP 23 35.16
BONR 51.71 313 eP 22 33.05 -0.6
NEW 55.73 325 eP 23 01.92 -0.9
1.1s 4.81nm 4.4mb
FRB 56.16 2 eP 23 05.00 -0.5
0.6s 3.00nm 4.5mb
YKA 63.04 339 eP 23 51.50 -1.5
0.7s 5.30nm 4.8mb
LIC 66.29 87 P 24 15.17 0.3
0.7s 12.00nm 5.1mb
KIC 66.56 86 P 24 17.10 0.5
0.6s 13.00nm 5.2mb
RES 68.41 354 eP 24 27.50 0.4
INK 72.79 340 eP 24 53.50 -0.3
MBC 73.34 349 eP 24 57.50 0.7
0.8s 3.00nm 4.3mb
DAG 74.69 11 iPd 25 04.80 0.1
0.4s 8.47nm 5.1mb
KLU 75.83 332 eP 25 10.46 -1.1
NB2 80.09 29 P 25 35.90 1.0
0.6s 1.40nm 4.1mb
GEC2 81.45 42 PKP 25 42.70 0.3
0.8s 0.86nm 3.8mb
e 25 46.20
BJI 132.09 352 ePdiff29 19.50 -13.8X
1.5s 14.00nm
Z 22s 0.37um 5.0Msz
WB2 151.78 241 ePKP 33 18.30 4.2X
0.4s 15.00nm
WRA 151.79 241 PKP 33 19.50 5.4X
0.6s 3.30nm
MEEK 158.56 206 ePKP 33 40.00 17.1X
S.D. = 1.0 on 35 of 39 obs.

JUN 06, 1994 06h 20m 20.92± 0.39s

06d 06h

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 11.081 S ± 5.9km  113.084 E ± 7.7km
 DEPTH = 33.0km (normal)
 5.2mb ( 18 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

DNP    3.18  41 ePd   21 09.50  -0.2
              eS      21 44.50
              e       25 16.50
SJI    3.57 339 ePd   21 15.50   0.1
              eS      21 55.00
KHKI   3.67  43 eP    21 15.10  -1.6
              eS      22 02.00
              e       26 47.50
LEM    6.86 308 iPc   22 04.50   2.5
MBL   11.93 148 eP    23 08.00  -3.8X
              eS      25 08.00
MEEK  16.33 162 iPc   24 09.60   0.2
              iS      27 00.00
MTN   17.74  98 eP    24 27.00  -0.2
MRWA  18.25 172 eP    24 32.50  -0.9
      0.4s    12.00nm          4.4mb
              eS      27 44.00
BAL   19.72 171 eP    24 49.00  -1.8
WARB  19.74 141 eP    24 53.00   2.0
      0.3s     7.00nm          4.4mb
              eS      28 19.00
MUN   21.00 173 eP    25 03.00  -1.0
COOL  21.08 160 eP    25 09.00   4.2X
WB2   22.28 116 eP    25 18.00   1.0
      0.9s    12.70nm          4.4mb
              i       25 28.30
              eS      29 14.90
ASPA  23.44 125 eP    25 30.30   2.0
      1.0s    27.90nm          4.7mb
              i       25 40.40
              iS      29 44.70
STKA  33.47 133 eP    27 04.50   5.2X
      0.8s    10.50nm          4.8mb
              i       27 11.20
KMI   37.37 344 eP    27 34.00   1.2
      0.8s    10.00nm          4.7mb
SSE   42.65  10 P     28 16.50   0.4
GBA   43.04 304 P     28 14.00  -5.5X
ODAN  45.22 327 P     28 37.10  -0.2
      0.7s    40.00nm          5.4mb
TAPN  45.44 328 P     28 39.16   0.1
      0.7s    31.00nm          5.4mb
RAMN  45.72 326 P     28 41.54   0.3
      0.5s    14.00nm          5.1mb
JIRN  46.50 326 P     28 47.44  -0.1
      0.6s    66.00nm          5.8mb
PKI   46.86 326 P     28 48.86  -1.5
      0.7s    18.00nm          5.2mb
GUN   46.87 326 P     28 50.30  -0.1
      0.6s    65.00nm          5.8mb
DMN   47.06 325 P     28 51.12  -0.7
      0.6s    31.00nm          5.5mb
KKN   47.10 326 P     28 51.42  -0.7
      0.7s    21.00nm          5.3mb
GKN   47.63 325 P     28 55.78  -0.4
      0.6s    24.00nm          5.4mb
LZH   47.72 350 eP    28 57.50   0.7
      1.4s    30.00nm          5.1mb
              pP      29 09.50  43kmX
KOLN  48.04 324 P     28 58.68  -0.8
      0.6s    34.00nm          5.6mb
DANN  48.39 325 P     29 01.70  -0.5
      0.7s    58.00nm          5.7mb
PYUN  48.64 324 P     28 50.30 -13.8X
      0.6s    65.00nm
MOCB 147.85 182 PKP   40 08.90   6.4X
LPB  152.54 178 PKP   40 20.20  10.5X
LPAZ 152.78 177 PKP   40 21.20  10.9X
   S.D. = 1.1  on  26 of  34 obs.
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? JUN 06, 1994  06h 29m 45.67± 0.75s
 11.096 S ±11.1km  112.442 E ±11.7km
 DEPTH = 33.0km (normal)
 SOUTH OF JAWA, INDONESIA        (282)

DNP    3.64  49 ePc   30 41.00   0.0
              e       32 56.50
LEM    6.38 311 ePd   31 38.00  18.0X
MBL   12.27 146 eP    32 41.00   0.0
              eS      34 46.00
WB2   22.85 115 eP    34 57.60  10.3X
      0.8s     4.70nm

ASPA  23.95 124 iPc   35 14.80  16.8X
      0.7s     6.20nm
GUN   46.53 327 P     38 12.79   0.3
      0.6s    25.00nm          5.3mb
DMN   46.72 326 P     38 13.77  -0.1
KOLN  47.68 325 P     38 21.29  -0.1
      0.4s    10.00nm          5.1mb
DANN  48.04 325 P     38 24.21  -0.1
      0.5s    17.00nm          5.4mb
   S.D. = 0.2  on   6 of   9 obs.
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? JUN 06, 1994  07h 23m 54.72± 1.00s
 39.126 N ± 8.5km  27.574 E ±10.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY                          (366)
   ML 2.7 (ISK).

IZM    0.77 199 ePg   24 09.50  -0.2
              eSg     24 21.50
DST    0.95  59 ePn   24 13.30   0.5
EZN    1.19 306 ePn   24 17.40   0.5
EDC    1.24  10 ePn   24 17.00  -0.7
   S.D. = 1.0  on   4 of   4 obs.
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 JUN 06, 1994  07h 29m 08.18± 0.23s
 45.685 N ± 2.9km  26.642 E ± 2.4km
 DEPTH = 133.6 ±  3.3 km
 4.7mb ( 41 obs.)
 ROMANIA                         (358)
   Felt (V) in the Vrancea region
   and (IV) at Bucharest. Also felt
   (III) in southwestern Bulgaria.

VRI    0.19  17 iPc   29 27.90   1.9
MLR    0.53 249 iPc   29 27.90  -0.3
ISR    0.55 187 iPd   29 28.10  -0.2
SNX    0.86 248 iPc   29 30.50  -0.1
CFR    1.18 115 iPd   29 32.50  -0.9
MTUR   1.20 248 iPc   29 34.00   0.2
CMP    1.20 250 ePc   29 42.00   8.3X
PTT    1.26 352 iPc   29 35.00   0.7
BUC1   1.41 198 iPd   29 35.50  -0.3
IAS    1.64  23 ePc   29 40.00   1.6
COZ    1.66 258 iPd   29 39.00   0.1
TNR    1.66 270 eP    30 03.00  24.3X
CVD    1.67 143 iPc   29 38.50  -0.3
DRA    1.96 240 iPd   29 43.00   0.7
KIS    2.04  48 iPd-  29 43.50   0.3
      0.4s  3030.00nm
              iS      30 08.00
PSN    2.28 151 iPd   29 47.00   0.7
DEV    2.62 276 iPd   29 52.00   1.4
PVL    2.64 201 iPc   29 52.00   1.2
GZR    2.73 265 iPc   29 52.00  -0.1
JMB    3.22 181 iP    29 58.00  -0.4
CEI    3.51 306 eP    30 23.00  20.8X
SSR    3.55 258 iPc   29 33.00 -29.9X
PLD    3.84 202 iPd   30 06.00  -0.7
DMK    3.95 168 iPn   30 09.70   1.6
KDZ    4.13 193 iPc   30 11.00   0.4
UZH    4.18 316 iPc   30 11.00  -0.2
      0.7s   240.00nm
              iS      30 56.00
RZN    4.23 200 iPc   30 12.00  -0.1
BEO    4.45 261 iPn   30 12.40  -2.5
              eSg     30 52.40
LVV    4.49 338 iP    30 16.00   0.6
              i       31 08.00
KKB    4.60 215 iPc   30 17.00   0.1
MMB    4.61 208 iPc   30 17.00   0.0
CTT    4.72 163 ePn   30 18.50   0.0
MFT    4.92 174 ePn   30 20.50  -0.7
ISK    4.94 158 ePn   30 20.50  -0.9
SIM    5.32  95 eP    30 26.00  -0.6
              eS      31 25.00
HRT    5.34 154 ePn   30 27.50   0.6
BNT    5.41 170 ePn   30 26.50  -1.3
EDC    5.41 170 ePn   30 27.00  -0.8
YLV    5.49 158 ePn   30 28.50  -0.5
KCT    5.58 166 ePn   30 29.50  -0.6
IZI    5.73 158 ePn   30 32.00  -0.3
EZN    5.86 182 iPn   30 31.90  -2.0
GPA    6.03 152 ePn   30 35.50  -0.7
SRO    6.11 293 iP    30 37.60   0.3
DST    6.25 166 ePn   30 38.30  -1.0
BZK    6.50 122 eP    30 40.70  -1.9
ZST    7.00 294 iP    30 48.90  -0.5

OKC    7.07 309 eP    30 48.50  -1.9
              e       31 55.80
SOP    7.22 290 eP    30 53.00   0.6
IZM    7.30 176 eP    31 00.00   6.5X
ZAG    7.45 275 eP    30 56.00   0.5
PTJ    7.47 275 iP    30 55.70  -0.2
HVAR   7.71 255 iPn   30 59.20   0.2
              iSn     32 22.50
MNK    8.25   4 eP    31 10.00   3.9X
              e       32 45.00
KVT    8.25 121 iP    31 03.00  -3.3X
LJU    8.46 277 eP    31 10.00   0.9
              e       31 33.50
VOY    8.91 277 iP    31 16.20   1.1
              i       31 24.20
              e       31 36.00
TRI    9.02 275 eP    31 17.70   1.2
PRU    9.20 302 ePc   31 18.20  -0.8
      1.3s    20.50nm          4.7mb X
KBA    9.30 283 iPd   31 21.30   0.8
      0.9s    35.80nm          5.1mb X
              i       31 32.30
GEC2   9.35 294 Pn    31 21.20   0.2
      0.7s     7.92nm          4.5mb X
              e       31 29.60
KHC    9.50 296 P     31 23.90   0.8
      1.2s    35.00nm          4.9mb X
              e       31 32.50
              e       31 41.00
FVI    9.67 280 P     31 25.98   0.8
BRG    9.92 306 eP    31 27.50  -1.1
              e       35 28.00
AQU   10.10 255 P     31 30.93   0.0
ASS   10.35 260 P     31 33.83  -0.4
CTI   10.47 277 P     31 36.97   1.1
WTTA  10.47 284 i(P)  31 37.30   1.3
WATA  10.52 284 i(P)  31 37.20   0.6
MNS   10.58 257 P     31 37.20  -0.1
CLL   10.65 307 e(P)  31 47.00   8.9X
              e       32 23.00
CRE   10.67 264 P     31 38.81   0.3
SQTA  10.76 284 i(P)  31 40.10   0.3
FUR   10.80 289 iPd   31 40.50   0.3
      1.7s   167.00nm          5.5mb X
GRF   11.14 297 iPd   31 44.40  -0.2
      1.3s    47.60nm          5.0mb X
MOX   11.19 302 e(P)  31 45.80   0.6
      1.3s    27.00nm          4.8mb X
OBN   11.36  30 eP    31 45.00  -2.3
      1.2s    44.00nm          5.0mb X
              iS      33 41.00
OSS   11.48 281 ePd   32 00.10  10.8X
KIV   11.53  93 eP    31 49.50  -0.3
      1.0s    10.00nm          4.4mb X
VDL   11.96 280 iPc   32 04.90   9.4X
MOS   12.22  31 eP    31 57.00  -1.6
              eS      34 02.00
TMA   12.39 278 eP    32 08.70   7.6X
VAI   12.48 277 P     32 04.79   2.7X
ZLA   12.69 285 Pc    32 11.30   6.5X
PCP   12.84 271 P     32 12.63   5.8X
FEL   12.96 286 P     32 14.37   6.0X
MMK   13.03 278 Pc    32 15.20   5.8X
PGF   13.06 262 P     32 17.01   7.3X
ORO   13.06 276 P     32 13.64   3.9X
FIN   13.14 270 P     32 14.32   3.6X
LANF  13.19 291 P     32 16.99   5.6X
BBS   13.28 285 P     32 17.90   5.3X
ROB   13.36 271 P     32 16.20   2.6X
DIX   13.41 279 iPd   32 20.20   5.8X
CDF   13.48 289 eP    32 14.40  -0.8
      0.9s     8.70nm          4.2mb X
MOF   13.55 286 P     32 20.95   4.9X
ECH   13.55 288 P     32 20.52   4.6X
RSP   13.63 275 P     32 16.89  -0.2
SAOF  13.65 270 P     32 23.55   6.2X
LSD   13.66 276 P     32 18.30   0.7
BHB   13.68 273 P     32 18.53   0.9
ENR   13.69 271 P     32 18.72   0.8
EMS   13.74 279 Pc    32 22.90   4.3X
LOMF  13.75 284 P     32 23.08   4.5X
DOI   13.76 272 P     32 22.87   4.2X
SBF   13.77 269 P     32 25.53   6.7X
BSF   13.78 286 eP    32 20.80   1.9
      1.2s    52.95nm          4.8mb X
GRO   13.79  93 eP    32 23.00   4.0X
PZZ   13.86 272 P     32 20.41   0.4
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TOUF 13.86 270 P 32 25.59 5.4X
LPG 13.93 276 eP 32 22.40 1.3
0.9s 50.95nm 4.8mb X
LPL 13.94 276 eP 32 22.00 0.8
1.0s 75.60nm 5.0mb X
MVIF 13.96 270 P 32 26.85 5.5X
RRL 14.00 274 P 32 21.05 -0.9
HAU 14.08 287 eP 32 24.30 1.6
1.2s 31.55nm 4.5mb
CALN 14.18 269 P 32 28.26 4.2X
ADI 14.22 149 Pn 32 28.40 3.9X
HRI 14.24 147 Pn 32 28.80 4.0X
PUL 14.28 8 eP 32 37.00 11.9X
e 34 56.00
FRF 14.40 269 eP 32 28.70 2.0
0.7s 30.00nm 4.7mb
WTS 14.48 303 eP 32 32.50 4.8X
0.8s 30.30nm 4.6mb
LMR 14.56 268 eP 32 30.70 2.0
1.1s 65.20nm 4.8mb
MEM 14.61 297 iPc 32 34.81 5.4X
LRG 14.63 268 eP 32 31.50 1.9
1.1s 55.70nm 4.8mb
ENN 14.70 298 eP 32 35.50 5.0X
0.9s 52.20nm 4.8mb
WIT 14.84 306 eP 32 37.00 4.8X
NUR 14.90 356 eP 32 30.00 -2.9X
0.7s 22.30nm 4.6mb
e 35 08.00
e 36 35.00
ZNT 14.92 151 Pn 32 36.20 2.9X
HMDT 15.06 150 Pn 32 38.00 2.9X
UPP 15.19 342 iP 32 34.50 -2.0
i 32 48.50
JVI 15.31 151 Pn 32 40.70 2.5X
DOU 15.42 295 P 32 43.00 3.5X
SSB 15.50 276 P 32 39.57 -1.1
SNF 15.68 296 P 32 42.80 0.1
LBF 15.70 283 eP 32 41.50 -1.6
0.9s 21.45nm 4.4mb
LOR 15.77 284 eP 32 43.30 -0.6
1.2s 56.85nm 4.7mb
SMF 15.82 282 eP 32 44.70 0.1
1.3s 90.25nm 4.9mb
MZDA 15.84 152 Pn 32 47.30 2.5X
SSF 16.02 283 eP 32 46.10 -0.9
1.1s 66.40nm 4.8mb
PLDF 16.04 279 P 32 49.06 1.7
AVF 16.14 282 eP 32 47.60 -0.9
0.9s 30.80nm 4.6mb
AGO 16.37 280 P 32 52.55 1.2
HFS 16.40 337 eP 32 48.10 -3.4X
1.2s 27.10nm 4.4mb
Z 16s 0.03um
LR 35 31.00
RMN 16.40 155 Pn 32 52.30 0.4
LBL 16.41 277 P 32 52.05 0.1
KAF 16.46 359 iP 32 49.90 -2.4
0.6s 19.90nm 4.6mb
PYM 16.50 279 P 32 52.89 -0.1
BGF 16.51 282 eP 32 52.00 -1.1
0.9s 36.05nm 4.7mb
SAGI 16.67 155 Pn 32 55.50 0.4
MAF 16.74 280 eP 32 55.70 -0.2
1.7s 88.25nm 4.8mb
TCF 16.98 281 eP 32 58.40 -0.4
0.7s 12.90nm 4.3mb
MBH 17.16 155 Pn 33 01.10 0.0
CAF 17.29 276 eP 33 01.10 -1.6
0.8s 10.75nm 4.2mb
LSF 17.45 281 eP 33 02.80 -1.8
0.7s 27.90nm 4.7mb
RJF 17.60 278 eP 33 05.20 -1.2
0.9s 43.25nm 4.7mb
NB2 17.85 335 P 33 07.10 -2.1
1.1s 17.30nm 4.3mb
LPO 17.95 276 eP 33 08.70 -1.9
1.1s 70.35nm 4.9mb
LFF 18.21 277 eP 33 11.50 -1.9
0.6s 46.90nm 5.0mb
LDF 18.40 289 eP 33 11.20 -4.2X
0.7s 21.05nm 4.6mb
MFF 18.56 282 eP 33 13.80 -3.3X
1.0s 63.80nm 4.9mb
FLN 18.64 289 eP 33 13.50 -4.5X
0.7s 23.60nm 4.6mb
GRR 18.90 288 eP 33 18.10 -2.6

0.9s 31.80nm 4.6mb
LPF 19.04 287 eP 33 17.70 -4.4X
0.5s 15.25nm 4.6mb
KER 19.27 119 iPc 33 26.20 1.3
EKA 21.12 308 Pd 33 42.33 -0.9
1.1s 25.00nm 4.5mb
LVZ 22.66 8 eP 34 01.10 2.8X
DLF 22.69 302 eP 34 00.00 1.4
0.8s 126.00nm 5.4mb
DCN 23.14 302 eP 34 03.00 0.0
PAB 23.52 266 eP 34 06.50 -0.5
ASH 24.74 97 eP 34 22.50 4.0X
BCAO 41.69 192 ePd 36 44.10 -1.0
0.6s 14.00nm 4.8mb
PYUN 47.37 92 P 37 32.84 2.2
0.9s 31.00nm 5.0mb
TIC 47.57 225 P 37 31.03 -1.0
0.6s 5.00nm 4.4mb
KIC 47.68 224 P 37 32.21 -0.6
0.5s 13.00nm 5.0mb
DANN 47.75 91 P 37 35.76 2.0
0.9s 26.00nm 5.0mb
LIC 47.94 225 P 37 34.07 -0.7
0.5s 11.00nm 4.9mb
KOLN 47.99 92 P 37 37.14 1.7
1.0s 29.00nm 5.0mb
GKN 48.58 91 P 37 41.34 1.4
1.0s 44.00nm 5.2mb
KKN 49.16 90 P 37 45.94 1.5
0.7s 31.00nm 5.2mb
GUN 49.51 90 P 37 48.36 1.1
JIRN 49.88 90 P 37 51.50 1.4
RAMN 50.60 90 P 37 56.24 0.8
0.9s 19.00nm 4.9mb
ODAN 51.21 90 P 38 01.28 1.2
GBA 53.31 110 P 38 15.00 -0.4
YKA 67.80 342 eP 39 52.50 -0.5
0.6s 1.40nm 4.0mb
S.D. = 1.1 on 131 of 185 obs.

JUN 06, 1994 07h 40m 36.86± 0.46s
11.003 S ± 7.9km 113.198 E ±10.3km
DEPTH = 38.1km (4 depth phases)
5.3mb (14 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 3.05 41 ePd 41 23.00 -0.7
e 45 30.50
LEM 6.90 307 ePc 42 20.00 1.6
MEEK 16.37 163 eP 44 24.50 -1.1
eS 47 14.00
MRWA 18.31 172 eP 44 48.50 -1.2
WARB 19.73 142 eP 45 08.50 2.1
eS 48 32.00
WB2 22.22 116 eP 45 33.10 1.3
0.8s 10.50nm 4.3mb
epP 45 45.00 48km
iS 49 28.40
ASPA 23.39 125 iPd 45 46.00 2.7X
0.7s 17.00nm 4.7mb
i 45 55.90 37km
eS 49 53.70
STKA 33.44 133 iPc 47 17.50 3.1X
2.9s 36.30nm 4.8mb
i 47 27.20 33km
KMI 37.33 344 eP 47 49.80 2.0
1.6s 90.00nm 5.4mb
pP 48 00.00 35km
sP 48 06.70
ODAN 45.22 327 P 48 52.64 0.0
0.8s 42.00nm 5.4mb
TAPN 45.44 328 P 48 54.74 0.3
0.8s 30.00nm 5.2mb
RAMN 45.72 326 P 48 56.62 0.0
JIRN 46.50 326 P 49 03.06 0.2
0.8s 35.00nm 5.3mb
PKI 46.86 325 P 49 05.04 -0.7
GUN 46.87 326 P 49 05.38 -0.4
0.8s 29.00nm 5.3mb
DMN 47.06 325 P 49 06.84 -0.4
0.9s 50.00nm 5.5mb
KKN 47.10 326 P 49 07.30 -0.2
GKN 47.63 325 P 49 11.30 -0.3
0.8s 28.00nm 5.3mb
KOLN 48.04 324 P 49 14.78 -0.1
0.9s 41.00nm 5.4mb
DANN 48.39 325 P 49 16.92 -0.7

0.8s 28.00nm 5.3mb
PYUN 48.64 324 P 49 19.08 -0.4
0.9s 28.00nm 5.3mb
BJI 50.86 3 eP 49 34.50 -1.4
1.0s 6.00nm 4.5mb
ITR 145.61 236 (PKP) 00 17.00 3.2X
S.D. = 1.1 on 20 of 23 obs.

JUN 06, 1994 07h 44m 42.79± 0.69s
35.257 N ± 6.6km 3.922 W ± 6.6km
DEPTH = 18.2 ± 6.1 km
STRAIT OF GIBRALTAR (385)
mbLg 3.5 (MDD). MD 3.7 (RBA).

EMEL 0.79 87 iPc 44 58.65 1.0
eS 45 09.30
TAF 1.31 109 iPn 45 06.50 0.2
iSn 45 24.00
i 45 26.00
EMAL 1.56 345 eP 45 07.89 -1.8
eS 45 26.50
EGUA 1.60 10 eP 45 08.52 -1.8
eS 45 30.70
PLAT 1.73 300 iP 45 14.00 1.8
EJIF 1.73 314 eP 45 12.04 -0.2
eS 45 33.30
ERON 1.76 3 eP 45 12.29 -0.5
eS 45 35.80
MOMI 1.81 307 eP 45 16.00 2.7
ELOJ 1.90 354 eP 45 13.68 -1.0
eS 45 38.70
ALJ 1.96 316 iP 45 17.00 1.3
IFR 2.00 210 iPn 45 16.00 -0.3
iSn 45 40.50
EPRU 2.01 329 iPd 45 16.53 0.3
eS 45 41.50
LIJA 2.03 324 iP 45 18.50 1.8
ECOG 2.04 8 eP 45 17.32 0.6
eS 45 43.00
GIBL 2.27 314 iP 45 19.00 -1.0
ELUQ 2.32 353 eP 45 22.29 1.6
eS 45 50.80
EHUE 2.77 22 eP 45 28.66 1.5
eS 46 02.80
EHOR 2.77 338 eP 45 26.35 -0.8
eS 45 58.60
EBAN 2.90 2 eP 45 28.68 -0.3
eS 46 02.70
EVAL 3.25 316 eP 45 32.08 -1.9
eS 46 09.30
AVE 3.49 237 iPn 45 37.00 -0.3
iSn 46 15.50
i 46 19.00
PAB 4.29 356 ePn 45 48.00 -0.8
eSn 46 39.00
eSb 46 51.00
TIO 5.15 214 iPn 46 00.00 -1.0
iSn 46 58.00
S.D. = 1.4 on 23 of 23 obs.

% JUN 06, 1994 07h 46m 52.51± 0.70s
40.858 S ± 5.1km 174.166 E ± 5.4km
DEPTH = 80.1 ± 10.6 km
COOK STRAIT, NEW ZEALAND (163)

DIW 0.19 287 Pc 47 03.20 -0.9
TCW 0.36 167 Pc 47 05.20 -0.2
MRW 0.55 133 P 47 07.20 0.3
eS 47 16.60
KIW 0.57 91 P 47 07.00 0.0
WEL 0.62 133 P 47 08.00 0.4
S 47 18.40
CAW 0.73 110 P 47 08.80 0.1
MOW 0.99 125 P 47 11.90 0.1
MNG 1.03 77 P 47 12.10 -0.1
S 47 26.10
MTW 1.05 107 P 47 12.30 -0.2
BLW 1.11 118 P 47 13.30 0.1
AMW 1.29 111 P 47 15.40 -0.1
THZ 1.31 226 P 47 17.20 1.4
NRZ 1.53 353 eP 47 18.80 0.2
LTZ 2.39 216 P 47 31.00 0.7
MOZ 2.40 12 P 47 30.50 0.1
eS 47 57.60
MQZ 3.06 201 eP 47 38.90 -0.6
S 48 10.50
ODZ 4.92 211 eP 48 04.30 -1.2

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     S.D. = 0.6  on  17 of  17 obs.
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   JUN  06, 1994  08h 02m 38.03± 0.42s
   36.333 N ±11.5km   71.413 E ± 9.4km
   DEPTH =  33.0km  (normal)
   4.7mb (  9 obs.)
 AFGHANISTAN-TAJIKISTAN BORD REG.(717)

NDI      9.06 146 iPd     04 51.50   1.9
         0.5s     49.30nm        5.9mb X
MAIO     9.62 273 iPc     04 57.00  -0.3
         0.9s     10.23nm        5.1mb X
                  eS      06 37.00
PYUN    12.78 127 P       05 40.20  -0.1
DANN    13.12 124 P       05 45.40   0.5
KOLN    13.40 126 P       05 48.68   0.2
         0.8s     93.00nm        5.8mb X
GKN     13.93 123 P       05 55.52   0.0
         0.6s    121.00nm        5.8mb X
DMN     14.50 123 P       06 03.72   0.7
         0.8s    107.00nm        5.4mb X
KKN     14.51 122 P       06 03.30   0.2
         0.8s     97.00nm        5.4mb X
PKI     14.73 122 P       06 06.68   0.5
GUN     14.85 120 P       06 07.20  -0.4
JIRN    15.22 120 P       06 12.56   0.1
         0.4s    106.00nm        5.4mb
RAMN    15.94 122 P       06 20.64  -1.1
         0.6s     71.00nm        5.0mb
TAPN    16.47 118 P       06 27.50  -1.0
         0.6s     70.00nm        5.0mb
ODAN    16.55 120 P       06 29.10  -0.3
         0.7s     68.00nm        4.9mb
GBA     23.27 165 P       07 36.00  -7.6X
KAF     37.95 327 eP      09 54.70   0.9
NUR     38.16 324 eP      09 55.80   0.2
HFS     43.40 322 eP      10 39.10   0.3
         0.4s      1.60nm        4.2mb
NB2     44.71 323 P       10 48.50  -1.0
         0.8s      1.90nm        4.0mb
MBC     67.49   3 eP      13 33.00   0.8
         1.0s      3.00nm        4.3mb
INK     74.02   9 eP      14 12.50   0.8
WRA     81.62 122 P       14 53.00  -1.3
         1.5s      1.20nm        3.7mb
WB2     81.63 122 iPc     14 52.70  -1.6
         0.4s      6.30nm        5.0mb
     S.D. = 0.9  on  22 of  23 obs.
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   JUN  06, 1994  08h 18m 11.42± 0.30s
   10.832 S ± 6.7km  113.148 E ± 9.3km
   DEPTH =  41.6km  (  3 depth phases)
   5.1mb ( 20 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

DNP      2.95  44 ePd     18 56.50  -0.5
                  eS      19 32.00
                  e       23 55.50
SJI      3.37 336 ePd     19 03.00   0.2
                  eS      19 43.00
LEM      6.76 306 ePd     19 50.10  -0.8
WSI      7.12  81 ePc     20 03.50   7.7X
                  eS      21 09.50
MBL     12.11 149 eP      20 55.80  -8.5X
                  iS      22 56.00
MEEK    16.55 163 iPc     21 55.90  -6.3X
                  iS      24 45.00
MRWA    18.49 172 eP      22 20.00  -6.2X
         0.4s     20.00nm        4.6mb
                  eS      25 32.00
WARB    19.89 142 eP      22 40.30  -2.1
         0.3s      8.00nm        4.5mb
                  eS      26 05.00
BAL     19.95 171 eP      22 40.00  -2.9
KLB     21.10 169 eP      22 54.00  -0.7
MUN     21.23 173 eP      22 57.00   0.9
COOL    21.29 161 eP      22 57.00   0.3
         0.4s     27.00nm        5.0mb
                  eS      26 35.00
NWAO    22.31 171 eP      23 08.50   1.7
WRA     22.33 116 P       23 06.19  -1.0
         0.7s      7.90nm        4.3mb
WB2     22.34 116 iPc     23 06.20  -1.1
         0.5s     22.20nm        4.9mb
                  ipP     23 16.70  40km
                  iS      27 04.70
ASPA    23.53 126 P       23 19.00   0.1
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         0.8s     22.70nm        4.7mb
FORT    24.20 147 eP      23 25.00  -0.2
STKA    33.59 133 iPd     24 48.40  -1.6
         1.0s     21.30nm        5.0mb
                  i       24 59.30  39km
KMI     37.15 344 eP      25 21.60   1.1
         1.0s     10.00nm        4.7mb
ARMA    40.68 124 eP      26 02.00  12.2X
SSE     42.39  10 Pd      26 04.00   0.4
         1.0s     12.00nm        4.6mb
GBA     42.95 304 P       26 09.00   0.7
ODAN    45.05 327 P       26 25.13  -0.3
         0.8s     51.00nm        5.4mb
TAPN    45.27 327 P       26 26.97  -0.3
         0.8s     42.00nm        5.4mb
RAMN    45.55 326 P       26 29.07  -0.4
         0.8s     27.00nm        5.2mb
JIRN    46.33 326 P       26 35.43  -0.3
         0.8s     60.00nm        5.6mb
PKI     46.69 325 P       26 37.15  -1.4
GUN     46.70 326 P       26 38.37  -0.3
         0.5s     42.00nm        5.7mb
DMN     46.89 325 P       26 39.17  -0.9
         0.8s     58.00nm        5.6mb
KKN     46.93 325 P       26 39.17  -1.2
         0.8s     28.00nm        5.3mb
GKN     47.46 325 P       26 43.01  -1.4
LZH     47.48 350 eP      26 45.00   0.5
         1.4s     34.00nm        5.2mb
                  pP      26 57.50  46km
KOLN    47.87 324 P       26 46.63  -1.1
         0.7s     29.00nm        5.4mb
DANN    48.22 325 P       26 49.49  -1.0
         0.8s     50.00nm        5.6mb
BJI     50.69   3 eP      27 07.00  -1.8
         1.4s     17.00nm        4.9mb
      Z  22s       0.31um        4.3Msz
MAIO    68.88 316 eP      29 14.00  -0.3
RSSD   133.89  37 ePKP    37 25.90  -0.3
GOL    135.38  43 ePKP    37 30.84   1.6
CBM    144.00   1 ePKP    37 43.03  -1.2
XIN    144.80 236 ePKP    37 46.70   0.1
LMN    145.06 358 ePKP    37 46.50   0.4
         1.0s      8.00nm
ACTO   145.39  17 PKP     37 47.72   1.0
WLVO   145.55  15 PKP     37 48.20   1.3
ITR    145.66 237 ePKP    37 48.90   0.8
FVM    145.68  34 ePKPd   37 47.86   0.4
                  epPKP   38 00.96
TYNO   145.92  17 PKP     37 49.32   1.7
STCO   146.01  16 PKP     37 49.64   1.9
MIAR   146.07  42 ePKP    37 49.69   1.5
                  epPKP   38 02.95
YSNY   146.86  16 ePKP    37 50.88   1.7
                  e       38 04.86
BINY   147.75  13 ePKP    37 51.89   1.3
                  iPKPbc37 54.71
                  e       38 06.99
NAV    150.79  23 ePKP    37 57.18   1.7
                  iPKPbc38 01.84
                  ePKPab38 08.34
CVL    151.03  19 ePKP    38 03.24   7.5X
                  e       38 16.23
LPB    152.78 177 PKP     38 02.00   2.6X
LPAZ   153.03 177 PKP     38 02.00   2.0
       S.D. = 1.2  on  47 of  54 obs.
--------------------------------------
 % JUN  06, 1994  08h 41m 48.75± 0.91s
   40.620 N ±10.4km   22.036 E ± 6.9km
   DEPTH =  10.0km  (geophysicist)
 GREECE                          (364)

FNA      0.53 288 iPg     41 59.33  -0.1
                  eSg     42 09.68
LIT      0.62 146 ePg     42 01.04  -0.3
                  eSg     42 09.12
THE      0.71  89 ePg     42 01.76  -0.9
SOH      1.02  78 ePg     42 09.00   0.9
AGG      1.61 172 ePb     42 17.76   0.4
       S.D. = 1.0  on   5 of   5 obs.
--------------------------------------
 % JUN  06, 1994  08h 41m 55.17± 0.98s
   40.522 N ±12.7km   28.944 E ± 4.9km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
     ML 2.6 (ISK).
```

```
YLV      0.33  82 iPg     42 02.40   0.4
                  eSg     42 08.40
IZI      0.44 114 iPg     42 03.90  -0.3
KCT      0.53 239 iPg     42 06.50   0.7
                  iSg     42 15.50
BNT      0.80 258 iPg     42 10.50  -0.2
                  eSg     42 23.50
EDC      0.84 258 ePg     42 11.00  -0.4
DST      0.95 195 ePn     42 13.20  -0.1
     S.D. = 0.6  on   6 of   6 obs.
--------------------------------------
 * JUN  06, 1994  08h 57m 22.96± 0.54s
   24.476 N ± 8.3km  122.403 E ±13.1km
   DEPTH =  10.0km  (geophysicist)
   4.6mb ( 12 obs.)
 TAIWAN REGION                   (243)

SSE      6.68 351 Pn      59 02.70  -0.8
                  sP      59 06.00
CVP      6.76 185 ePd     59 04.60  -0.1
PPR     15.03 194 ePc     01 03.00   5.8X
KMI     17.87 276 eP      01 32.80  -0.7
         1.6s     60.00nm        4.5mb
      N  10s       2.10um
LZH     19.73 310 eP      01 57.50   1.5
         1.4s     54.00nm        4.7mb
CHTO    22.51 260 eP      02 25.70   1.5
WRA     45.65 164 P       05 44.80  -0.9
         0.7s      3.90nm        4.5mb
WB2     45.66 164 eP      05 44.00  -1.7
         0.6s      7.60nm        4.8mb
                  i       05 46.10
                  ipP     05 56.60  46kmX
ASPA    49.14 166 iPd     06 13.80   0.9
         0.6s      6.90nm        4.9mb
                  i       06 24.80
ARMA    61.36 151 eP      07 43.90   2.4X
TOO     65.43 160 eP      08 09.70   1.6
         0.8s     18.00nm        5.3mb
OBN     67.95 322 eP      08 22.00  -1.9
         1.2s     22.00nm        5.2mb
KAF     71.45 330 iP      08 45.80   0.6
INK     72.54  22 eP      08 53.00   1.4
         0.7s      2.00nm        4.3mb
NUR     72.71 329 eP      08 53.40   0.7
         0.7s      4.70nm        4.7mb
MBC     72.73  13 eP      08 53.00   0.3
RES     78.20   9 eP      09 25.00   1.3
NB2     78.49 332 P       09 25.40  -0.2
         0.8s      1.00nm        3.9mb
YKA     82.27  23 eP      09 45.50  -0.1
         0.7s      2.10nm        4.4mb
GEC2    83.32 321 P       09 50.90  -0.6
         0.8s      1.31nm        4.2mb
                  e       09 53.80
                  e       09 58.80
TOD     85.67 323 eP      10 17.40  14.2X
ABH     86.19 324 eP      10 09.60   3.8X
KTD     86.22 323 eP      10 09.10   3.2X
RUP     86.55 324 eP      10 04.80  -2.8
FEL     87.06 322 eP      10 04.30  -5.9X
DOU     87.63 325 P       10 24.80  12.1X
                  i       10 27.00
     S.D. = 1.3  on  19 of  26 obs.
--------------------------------------
   JUN  06, 1994  09h 03m 00.52± 0.10s
   28.598 N ± 2.2km  129.099 E ± 2.4km
   DEPTH =  60.0km  (geophysicist)
   5.8mb (147 obs.)
 RYUKYU ISLANDS                  (238)
     Mw 5.6 (GS), 5.6 (HRV). Felt (IV
     JMA) at Naze. Depth from
     broadband displacement
     seismograms.
     FAULT PLANE SOLUTION: P-Waves
      NP1:Strike=152 Dip=64 Slip= -47
      NP2:       267     49      -144
      Principal Axes:
       T               Plg= 9  Azm=212
       P                   51      112
     Comment: The focal mechanism is
       moderately well controlled
       and corresponds to normal
       faulting with a large strike-
       slip component. The preferred
       fault plane is not
       determined.
```

```
RADIATED ENERGY
 No. of sta:   9  Focal mech.  F
 Energy       4.1±0.7*10**11 Nm
MOMENT TENSOR SOLUTION
Dep  66         No. of sta: 20
Moment Tensor;   Scale 10**17 Nm
  Mrr=-2.02       Mtt= 2.36
  Mff=-0.34       Mrt= 0.65
  Mrf= 1.30       Mtf=-1.38
 Principal axes:
  T  Val=  2.94  Plg= 1  Azm= 22
  N        0.08      35      291
  P       -3.02      55      114
Best Double Couple:Mo=3.0*10**17
 NP1:Strike=142 Dip=53 Slip= -45
 NP2:       263     55      -134
CENTROID, MOMENT TENSOR    (HRV)
Data Used: GDSN
L.P.B.: 41S, 80C
Centroid Location:
Origin Time        09:03: 2.7 0.2
Lat 28.48N 0.02 Lon 128.78E 0.03
Dep  72.9 1.7 Half-duration  1.4
Moment Tensor;   Scale 10**17 Nm
  Mrr=-1.16 0.05  Mtt= 2.09 0.08
  Mff=-0.93 0.10  Mrt= 0.31 0.06
  Mrf= 1.78 0.05  Mtf=-1.32 0.06
 Principal Axes:
  T  Val=  2.62  Plg= 6  Azm=203
  N        0.46      46      300
  P       -3.09      43      107
Best Double Couple:Mo=2.8*10**17
 NP1:Strike=255 Dip=56 Slip=-151
 NP2:       147     66       -38

KAGJ    3.01  31 iP+   03 48.60   1.8
                 eS    04 27.50
KUMJ    4.20  20 P     04 06.60   3.1X
SHNJ    5.77  17 P     04 28.90   3.4X
SHK     6.66  26 eP    04 38.80   0.9
TKSJ    6.84  37 P     04 39.80  -0.6
SSE     7.31 292 iPd   04 49.93   2.9X
     Z  22s     10.10um
                 sP    04 56.00
                 Sn    06 18.00
YONJ    7.54  28 P     04 50.10  -0.2
WKYJ    7.89  43 P     04 53.90  -1.1
TSRJ    9.05  38 P     05 10.70  -0.3
                 S     06 48.30
IIDJ   10.15  45 P     05 24.60  -1.4
                 eS    07 24.50
MTMJ   10.83  40 P     05 35.00  -0.3
MAJO   11.03  42 ePc   05 37.41  -0.6
MAT    11.03  42 iPc   05 37.10  -0.9
     Z  20s      4.26um
                 eS    07 40.00
CHJJ   11.19  46 eP    05 38.40  -1.7
NIIJ   11.97  41 eP    05 50.00  -0.6
KAKJ   12.04  48 P     05 51.90   0.4
CVP    12.74 213 ePd   05 58.50  -2.3
YAMJ   13.21  41 P     06 07.90   1.0
SZP    13.56 218 ePd   06 15.00   3.4X
BAG    14.45 215 eP+   06 20.00  -3.4X
        2.0s   341.18nm       5.4mb
                 eS    09 04.00
VLA    14.67   8 iPc   06 30.00   4.1X
        2.0s  1326.00nm       5.9mb
OFUJ   14.76  42 P     06 25.80  -1.4
AOMJ   15.10  35 P     06 33.40   1.8
BJI    15.61 320 eP    06 42.00   3.9X
        1.0s   366.00nm       5.5mb
     Z  14s      4.12um       4.9MszX
     N  11s      2.66um
                 esP   06 54.00
                 eS    09 42.00
                 eSS   09 51.00
                 eSS   10 02.00
QCP    15.76 210 eP    06 46.00   5.9X
GQP    15.87 204 ePc   06 41.50  -0.1
MDJ    15.99   1 ePc   06 45.50   2.6
TGY    16.29 209 iPc   06 50.00   3.0X
                 iS    08 25.00
PGP    16.82 208 ePc   06 55.00   1.4
MRRJ   16.87  32 eP    06 53.10  -0.8
SAP    17.48  31 eP    07 02.00   0.5
PLP    17.77 193 ePc   07 07.80   2.5
HOOJ   17.93  36 eP    07 05.50  -1.5
```

```
                  eS    10 24.20
MAP     18.80 196 ePc   07 19.00   1.0
ASAJ    18.90  31 P     07 15.20  -3.7X
KUSJ    19.17  37 P     07 18.80  -3.1X
BIP     20.44 188 ePc   07 36.00   0.5
CGP     20.46 193 ePc   07 35.00  -0.7
GUMO    20.93 132 eP    07 39.44  -0.9
         1.0s   642.80nm        5.9mb
                  ec    07 43.17
PJG     20.93 132 eP    07 39.80  -0.6
GUA     20.99 132 eP    07 40.40  -0.7
         0.9s  1109.24nm        6.2mb
PPR     21.10 210 iPc   07 44.00   1.8
YSS     21.25  26 eP    07 42.27  -1.1
         1.1s    30.00nm         4.6mb X
      Z  18s      2.30um         4.6Msz
      N  18s      1.50um
      E  18s      0.30um
                  eS    08 07.70
                  eS    11 32.00
                  e     11 40.00
                  eSS   12 12.00
DAV     21.65 190 eP    07 44.00  -3.7X
CTB     21.78 193 ePc   07 58.00   9.0X
HIA     21.85 343 eP    07 48.46  -1.0
LZH     22.57 296 eP    07 55.55  -1.3
         1.2s    75.00nm         5.0mb
      Z  36s      7.23um         4.8MszX
                  pP    08 15.00  89kmX
                  eS    11 56.00
KMI     23.75 268 eP    08 12.20   3.7X
         0.8s    50.00nm         5.0mb
      Z  30s      6.40um         4.9MszX
                  pP    08 24.20  48kmX
                  sP    08 29.50
                  eS    12 09.00
KKM     25.54 211 ePc   08 28.50   3.1X
         1.7s   411.70nm         5.7mb
CIT     26.08 338 eP    08 31.00   0.9
TSM     26.42 206 eP    08 34.00   0.6
CHTO    29.21 257 eP    08 59.31   0.6
ZAK     29.24 325 eP    08 56.00  -2.6
         1.4s     8.00nm         4.2mb X
                  e     15 41.20
NST     29.66 250 eP    09 04.50   1.7
IRK     29.98 329 eP    09 19.00  13.8X
         1.7s    16.00nm
      E  12s      1.25um
                  e     09 32.00
                  e     09 43.50
                  e     10 08.50
                  e     10 20.00
BOD     31.05 345 eP    09 28.50  13.9X
         1.0s    26.00nm
PET     32.69  33 eP    09 28.00  -0.9
         1.5s   840.00nm        6.3mb
      Z  20s      0.90um        4.5Msz
                  e     10 52.00
                  e     12 12.00
                  eS    14 40.00
                  eSS   16 40.00
                  eSSS  17 06.00
SNG     34.31 237 eP    09 44.00   0.7
         1.2s   187.50nm         5.9mb
WWKK    34.95 154 e(P)  09 48.52  -0.3
IPM     35.79 233 ePc   09 58.00   2.0
KGM     36.10 228 eP    10 00.00   1.4
         0.8s   243.80nm        6.2mb
WMQ     36.30 306 eP    09 59.60  -0.5
                  epPc  10 14.83  60kmX
TAPN    36.45 278 P     10 03.12   1.3
ODAN    36.83 277 P     10 05.97   1.0
         0.6s   529.00nm        6.6mb
KVG     37.37 142 eP    10 08.70  -0.5
RAMN    37.50 278 P     10 11.47   0.9
         0.6s   124.00nm        6.1mb
JIRN    37.70 279 P     10 13.58   1.1
         0.5s    77.00nm        5.9mb
GUN     37.92 280 P     10 15.97   1.7
         0.4s   123.00nm        6.2mb
PKI     38.40 279 P     10 19.26   1.0
         0.9s   228.00nm        6.1mb
KKN     38.47 280 P     10 19.82   1.1
         0.5s   149.00nm        6.1mb
DMN     38.66 279 P     10 21.58   1.3
         1.0s   308.00nm        6.2mb
GKN     38.98 280 P     10 23.92   1.0
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         0.7s   176.00nm         6.1mb
LAT     39.08 151 eP    10 22.70  -0.8
DANN    39.67 281 P     10 30.14   1.4
         0.6s   255.00nm         6.2mb
KOLN    39.93 280 P     10 31.97   1.2
         0.6s    77.00nm         5.8mb
SMY     40.88  41 eP    10 35.63  -2.3
MTN     41.25 177 iPd   10 40.00  -1.3
         0.7s   847.00nm         6.6mb
PMG     41.62 153 iPd   10 43.57  -0.8
         1.1s   227.85nm         5.9mb
                  epPc  10 59.38  62kmX
                  isPc  11 05.51
AAA     44.00 304 (P)   11 05.00   1.3
                  SS    21 00.00
KNA     44.09 180 iPd   11 04.30  -0.1
         0.7s   612.00nm         6.5mb
NDI     45.23 283 iPd   11 14.60   1.0
FRU     45.70 303 iPc   11 19.50   2.2
                  i     11 36.50
ADK     46.18  44 eP    11 19.40  -1.4
         1.5s   451.10nm         6.2mb
HYB     47.53 268 ePc   11 32.50   0.5
WRA     48.52 173 P     11 38.30  -1.1
         0.8s   160.20nm         6.1mb
WB2     48.52 173 iPc   11 38.10  -1.4
         0.7s   307.50nm         6.4mb
                  e     12 31.90
                  eS    18 32.50
ILT     49.86  23 iPd   11 47.80  -1.4
         1.3s   446.00nm         6.3mb
      Z  12s      0.60um         4.8MszX
      E  12s      0.40um
                  isP   13 09.00
                  eS    18 46.00
                  e     21 33.00
GBA     50.09 264 Pd    11 51.30  -0.3
         0.7s    40.00nm         5.6mb
CTA     51.16 159 iPd   11 59.50  -0.1
         1.0s   315.00nm         6.3mb
                  e     12 13.00
                  i     12 19.50
                  i     13 13.50
                  iScP  19 13.00
                  iScS  24 01.00
ASPA    52.17 174 iPd   12 06.10  -1.1
         0.9s   136.40nm         6.0mb
      Z  22s      1.60um         5.0Msz
                  i     13 43.50
                  iS    19 24.10
ANM     54.07  29 ePd   12 21.10   0.3
WARB    54.52 183 iPd   12 24.10  -0.4
SVE     54.88 321 iPd   12 26.50  -0.4
         1.3s   100.00nm         5.7mb
      Z  17s      2.50um         5.4MszX
      N  17s      1.00um
      E  17s      1.60um
                  e     12 43.00
                  eS    20 00.00
MEEK    55.83 191 eP    12 32.60  -1.5
         0.7s    38.00nm         5.5mb
SDN     55.99  40 eP    12 32.00  -2.8X
         1.3s   352.10nm         6.2mb
ARU     56.01 321 iPc   12 35.00   0.0
         1.6s   120.00nm         5.7mb
      Z  17s      2.00um         5.3MszX
                  e     12 54.00
                  i     12 59.00
TTA     58.11  31 iPd   12 49.30  -0.6
         0.8s    65.30nm         5.8mb
MAIO    58.11 297 iPd   12 51.00   0.8
                  eS    21 10.00
BRW     58.12  21 ePd   12 49.20  -0.5
SVW     58.35  33 ePd   12 51.70   0.2
         0.9s    47.90nm         5.6mb
MRWA    58.84 193 eP    12 54.00  -1.2
         0.5s    15.00nm         5.4mb
FORT    59.05 181 eP    12 55.00  -1.6
IMA     59.06  28 iPd   12 56.10  -0.5
         0.9s    80.60nm         5.9mb
AUP     59.56  35 eP    13 00.15   0.1
COOL    59.63 188 eP    12 58.30  -2.4
KAT     59.91 301 iPc   13 04.00   1.6
CP2     59.97  33 eP    13 01.89  -1.0
BAL     60.05 192 eP    13 02.00  -1.5
         0.8s   110.00nm         6.0mb
KDC     60.22  37 ePd   13 03.30  -1.0
```

06d 09h

0.7s 145.50nm 6.2mb
KLB 60.82 191 eP 13 07.00 -1.7
SLKM 61.04 34 iPd 13 08.12 -1.9
PWA 61.06 33 ePd 13 08.60 -1.4
0.8s 413.80nm 6.6mb
PMS 61.26 33 iPd 13 10.20 -1.3
0.5s 162.80nm 6.4mb
STKA 61.30 168 iPd 13 10.60 -1.4
1.3s 108.50nm 5.8mb
eS 20 40.60
PMR 61.42 33 iPd 13 11.20 -1.3
0.7s 94.50nm 6.0mb
MUN 61.48 192 eP 13 11.50 -1.7
COL 61.60 29 iPd 13 12.76 -0.9
(sP) 13 37.01
FBA 61.60 29 iPd 13 13.10 -0.6
0.6s 92.50nm 6.1mb
NOUC 61.87 141 iPd 13 14.70 -1.3
DZM 61.93 140 iPd 13 15.60 -0.9
NWAO 62.22 191 eP 13 16.00 -2.1
0.7s 26.00nm 5.5mb
Z 22s 3.60um 5.5Msz
ARMA 62.50 158 iPd 13 19.10 -1.1
0.9s 145.00nm 6.1mb
epP 13 35.20 60kmX
TOA 62.73 32 iPd 13 21.30 0.0
0.9s 203.80nm 6.2mb
KLU 62.95 32 iPd 13 21.99 -0.8
RKG 63.86 191 iPc 13 28.20 -0.7
ADE 63.87 171 eP 13 27.90 -1.1
BALM 64.74 33 iPd 13 33.62 -0.9
BWA 65.29 162 iPd 13 38.80 0.6
ipP 13 56.00 64kmX
LVZ 65.48 336 eP 13 40.20 1.1
eS 22 05.30
e 26 32.50
e 29 24.00
RIV 65.51 160 iPd 13 40.20 0.7
Z 22s 0.22um 4.3Msz
eS 22 21.00
HON 65.59 78 P 13 50.00 9.6X
Z 20s 0.61um 4.8Msz
CAN 66.29 162 iPd 13 44.60 0.0
epP 14 01.80 64kmX
YKU 66.38 34 e(P) 13 46.00 1.1
0.4s 124.90nm 6.3mb
INK 66.42 24 ePd 13 44.50 -0.5
0.7s 88.00nm 5.9mb
GRO 66.47 308 iPc 13 48.00 2.3
2.0s 240.00nm 5.8mb
Z 18s 2.00um 5.4Msz
N 24s 3.50um
E 22s 2.40um
VUN 66.51 128 eP 13 46.70 0.4
MBC 67.35 14 ePd 13 49.90 -1.0
1.0s 79.00nm 5.7mb
MTA 67.61 306 eP 13 52.80 -0.1
0.8s 50.00nm 5.6mb
e 14 09.00
e 23 06.00
eS 23 44.80
MOS 67.67 322 iPd 13 52.00 -1.1
1.6s 275.00nm 6.0mb
Z 19s 3.00um 5.5Msz
e 14 14.00
PYA 68.06 309 eP 13 56.00 0.2
GNI 68.20 305 (P) 13 57.36 0.4
ipPc 14 12.84 56kmX
KIV 68.34 309 eP 13 56.92 -0.8
1.7s 174.00nm 5.7mb
Z 21s 0.80um 4.9Msz
ipPc 14 12.57 57kmX
e 16 32.00
eS 22 54.00
OBN 68.43 322 iPd 13 57.00 -0.9
1.6s 240.00nm 5.9mb
Z 24s 2.00um 5.3MszX
N 22s 1.40um
E 20s 0.70um
e 14 20.00
ePPP 18 12.00
eS 22 54.00
ePS 23 16.00
SDF 68.62 336 iP 13 58.00 -0.9
ALE 68.97 2 eP 13 59.30 -1.5
SIT 69.38 36 ePd 14 04.10 0.5
0.9s 134.60nm 5.9mb

PUL 69.95 328 eP 14 07.00 -0.1
2.0s 220.00nm 5.7mb
Z 22s 1.20um 5.1Msz
N 18s 0.50um
E 22s 1.00um
e 14 31.00
e 23 10.00
SOC 70.49 310 eP 14 10.00 -0.7
Z 18s 1.00um 5.1Msz
KAF 70.81 331 iP 14 11.10 -1.2
0.7s 48.50nm 5.5mb
NUR 72.23 330 iP 14 19.90 -0.8
0.7s 59.20nm 5.6mb
e 32 20.00
DAG 73.03 353 iPc 14 23.90 -1.3
1.0s 49.00nm 5.4mb
RES 73.09 11 ePd 14 25.10 -0.5
0.9s 53.00nm 5.5mb
TAU 73.10 166 eP 14 26.00 0.0
MNK 73.75 323 eP 14 28.00 -1.7
Z 18s 1.50um 5.3Msz
KVT 73.96 308 iP 14 31.00 -0.3
GAZ 74.73 304 iP 14 36.60 0.8
BNN 75.01 306 iP 14 38.10 0.6
UPP 75.60 331 iP 14 39.90 -0.4
YKA 76.06 25 eP 14 42.70 -0.2
0.6s 47.40nm 5.6mb
Z 20s 0.37um 4.7Msz
LR 54 56.00
KIS 76.09 316 iPd 14 43.00 -0.3
1.0s 130.00nm 5.8mb
Z 20s 1.00um 5.1Msz
e 17 44.00
e 24 20.00
e 24 38.00
NB2 77.54 334 P 14 49.80 -1.4
0.6s 11.50nm 5.0mb
LFK 78.23 304 eP 14 54.80 -0.7
CSS 78.52 304 eP 14 57.00 0.0
MLR 78.60 316 eP 14 57.00 -0.4
UZH 79.18 320 eP 15 01.00 0.7
1.4s 155.00nm 5.7mb
Z 21s 1.50um 5.3Msz
E 21s 2.00um
e 15 07.50
e 15 20.00
e 25 00.00
PPCY 79.28 304 eP 15 00.00 -1.1
TNR 79.54 316 eP 15 04.00 1.6
KCT 79.57 310 iP 15 03.50 0.8
KHL 79.69 308 eP 15 03.50 0.1
DST 79.70 309 eP 15 02.00 -1.4
BNT 79.81 310 iP 15 02.50 -1.4
MCW 79.87 40 eP 15 04.59 0.5
MFT 80.03 311 eP 15 04.90 -0.3
ELL 80.16 306 iP 15 05.50 -0.5
COP 80.27 329 iPc 15 05.50 -0.5
0.8s 68.66nm 5.6mb
ONR 80.28 42 P 15 06.60 0.3
GMW 80.50 41 ePd 15 08.28 0.8
GZR 80.58 317 ePc 15 09.00 1.0
JCW 80.64 40 P 15 08.51 0.3
ALN 80.79 312 eP 15 09.12 0.0
BMW 80.81 42 ePd 15 09.74 0.6
OKC 80.84 322 P 15 10.10 1.0
MSZ 81.08 153 eP 15 10.20 -0.1
0.9s 87.00nm 5.7mb
RMW 81.11 40 ePd 15 11.27 0.5
KIW 81.11 147 eP 15 09.30 -1.3
EZN 81.14 311 iP 15 11.00 0.1
IZM 81.21 309 eP 15 11.00 -0.4
MUD 81.23 331 iPc 15 10.70 -0.3
0.9s 80.00nm 5.7mb
CAW 81.37 147 eP 15 09.70 -2.2
FMW 81.47 41 P 15 13.08 0.3
LON 81.49 41 eP 15 12.82 0.1
SHW 81.54 42 eP 15 13.82 0.7
MTW 81.62 146 eP 15 11.40 -1.8
BWZ 81.75 152 eP 15 13.30 -0.6
1.1s 113.00nm 5.8mb
BLW 81.77 147 eP 15 10.50 -3.5X
RNO 81.86 44 P 15 15.97 1.3
SRO 81.87 320 eP 15 16.00 1.5
0.9s 93.60nm 5.8mb
ASR 81.94 42 P 15 15.63 0.5
WTV 82.02 40 P 15 15.44 0.0
EBG 82.12 40 P 15 16.59 0.6

SSOR 82.13 43 P 15 16.66 0.5
SRS 82.28 313 iP 15 16.36 -0.5
ZST 82.33 321 iP 15 18.10 1.2
SAW 82.33 39 P 15 17.20 0.2
HLW 82.37 300 eP- 15 17.50 0.0
GDH 82.42 1 iPd 15 16.50 -0.5
0.9s 117.65nm 5.9mb
OUR 82.43 312 eP 15 17.32 -0.3
BRG 82.44 325 iPd 15 17.80 0.3
1.6s 64.00nm 5.4mb
N 22s 3.80um
E 22s 2.80um
VBEM 82.54 42 P 15 18.75 0.4
DBO 82.59 45 P 15 19.31 0.8
SOH 82.59 313 eP 15 16.72 -1.8
CLL 82.65 325 iPd 15 19.00 0.5
1.5s 170.00nm 5.8mb
PRU 82.66 324 eP 15 19.40 0.8
1.4s 93.70nm 5.6mb
Z 22s 0.90um 5.1Msz
N 12s 1.20um
E 24s 1.00um
AKU 82.68 347 iP 15 19.50 1.1
1.3s 69.23nm 5.5mb
KNT 82.71 313 eP 15 17.16 -1.9
VGB 82.77 42 eP 15 19.91 0.5
WAH2 82.77 40 P 15 19.91 0.6
PAIG 82.84 312 eP 15 19.52 -0.2
DPW 82.90 39 eP 15 20.44 0.4
epP 15 38.32 64kmX
CROR 82.94 42 P 15 20.84 0.5
THE 82.94 313 eP 15 20.20 0.0
GRG 83.13 313 eP 15 20.80 -0.5
ARC 83.26 47 ePd 15 22.91 1.0
1.1s 250.00nm 6.1mb
NEW 83.26 38 iPd 15 22.07 0.2
0.8s 60.37nm 5.6mb
Z 20s 0.25um 4.6Msz
JBO 83.35 41 P 15 22.94 0.6
VIPM 83.42 43 P 15 23.49 0.6
KMPM 83.47 47 ePd 15 24.00 0.9
LIT 83.53 312 eP 15 22.72 -0.6
YBH 83.67 46 ePd 15 24.86 0.8
1.2s 130.00nm 5.8mb
Z 19s 0.10um 4.2Msz
eS 25 46.62
eSS 31 18.62
eLQ 37 18.62
eLR 42 03.62
IVA 83.67 316 iPd 15 25.13 1.0
KHC 83.67 323 Pd 15 24.60 0.7
1.0s 46.00nm 5.4mb
Z 18s 1.00um 5.2Msz
N 18s 0.50um
E 18s 0.30um
e 15 34.00
S 25 40.00
PLE 83.73 316 iPd 15 25.25 0.8
MOX 83.75 325 iPd 15 24.80 0.6
1.4s 66.00nm 5.5mb
Z 18s 0.90um 5.2Msz
ePP 18 52.00
eS 25 45.00
PVY 83.78 315 iPd 15 25.25 0.6
GEC2 83.78 323 P 15 24.80 0.3
0.8s 41.38nm 5.5mb
e 15 27.30
e 33 39.90
e 33 41.90
HOF 83.83 325 iPd 15 25.40 0.8
0.8s 80.00nm 5.8mb
FNA 83.88 313 iP 15 24.36 -0.8
LNOR 84.01 40 P 15 26.31 0.6
KMR 84.02 322 iP- 15 27.00 1.3
WET 84.03 324 iPc 15 26.80 1.1
1.2s 69.00nm 5.6mb
NKY 84.26 316 iPd 15 27.08 0.0
PTJ 84.29 320 iP 15 27.30 0.2
TTG 84.31 316 iPd 15 27.43 0.3
LBFM 84.39 46 iPd 15 28.64 0.7
WDC 84.40 47 ePd 15 28.20 0.5
1.2s 140.00nm 5.9mb
BRY 84.49 316 iPd 15 28.16 -0.1
GRF 84.54 325 ePd 15 29.00 0.8
0.9s 85.20nm 5.8mb
Z 19s 1.80um 5.5Msz
e(pP) 15 45.00 56kmX

ULC	84.58	315	iPd	15 28.38	-0.2
BDV	84.66	316	iPd	15 28.90	0.0
WIT	84.71	329	eP	15 30.00	1.1
HCY	84.77	316	iPd	15 29.40	-0.1
BHG	84.90	323	eP	15 30.60	0.5
LJU	85.01	321	eP	15 31.00	0.4
			i	15 33.60	
KBA	85.04	322	iPc	15 31.10	0.1
	0.7s		57.30nm		5.8mb
			i	19 13.00	
LMEM	85.04	46	eP	15 31.66	0.5
WTS	85.19	328	eP	15 31.50	0.2
	1.0s		82.10nm		5.8mb
			e	15 50.00	
IGT	85.23	313	eP	15 31.24	-0.6
VOY	85.37	321	eP	15 32.20	-0.4
			i	15 32.70	
			i	15 43.00	
FUR	85.47	324	iPc	15 34.70	1.8
RIY	85.51	320	iPc	15 33.20	0.1
NTYM	85.51	48	eP	15 33.55	0.3
HVAR	85.59	317	iP	15 33.00	-0.6
ORV	85.63	47	ePd	15 33.85	0.0
	1.0s		160.00nm		6.1mb
Z	18s		0.10um		4.3Msz
			eS	25 54.36	
			eSS	31 43.36	
			eLQ	37 29.36	
			eLR	42 30.36	
TRI	85.64	321	eP	15 33.20	-0.5
FVI	85.64	322	P	15 33.29	-0.4
WATA	85.83	323	i(P)	15 34.40	-0.5
WTTA	85.85	323	iPc	15 34.20	-0.8
	0.7s		34.50nm		5.6mb
BKS	86.08	49	ePd	15 36.56	0.5
	0.8s		200.00nm		6.3mb
MOTA	86.08	323	i(P)	15 35.50	-0.6
SQTA	86.10	323	iPc	15 36.10	-0.1
	0.6s		34.60nm		5.7mb
HMR	86.21	48	eP	15 38.05	1.3
VVI	86.21	321	P	15 37.16	0.5
OGA	86.42	323	iPd	15 37.90	0.0
	0.7s		26.00nm		5.5mb
ENN	86.43	328	eP	15 37.50	0.0
	1.3s		110.90nm		5.9mb
			e	15 57.50	
CTI	86.60	322	P	15 38.18	-0.5
MHC	86.76	49	ePd	15 39.94	0.3
	1.2s		170.00nm		6.1mb
COE	86.79	49	iPd	15 40.31	0.7
ARN	86.83	49	iPd	15 40.21	0.3
FRB	86.92	8	ePd	15 39.10	-0.6
	0.7s		64.00nm		5.9mb
EKA	86.97	335	Pd	15 38.63	-1.5
	0.7s		39.20nm		5.7mb
OSS	87.00	323	ePd	15 40.60	-0.1
WLF	87.07	327	iPd	15 40.09	-0.5
UCC	87.13	329	P	15 41.00	0.1
SLE	87.17	324	ePd	15 40.50	-0.8
CMB	87.20	48	iPd	15 41.90	0.2
	0.9s		150.00nm		6.2mb
Z	20s		0.20um		4.5Msz
			eS	26 14.31	
			eSS	32 05.31	
			eLQ	36 37.31	
			eLR	42 49.31	
SAO	87.22	49	eP	15 42.00	0.3
	1.6s		133.31nm		5.9mb
Z	19s		0.24um		4.6Msz
WLS	87.32	325	P	15 41.69	-0.3
FG4	87.34	316	P	15 43.06	0.8
CDF	87.35	325	iPd	15 41.60	-0.6
	1.0s		36.80nm		5.5mb
LIBD	87.36	325	P	15 42.08	-0.1
SNF	87.37	328	Pc	15 42.30	0.2
ORI	87.40	315	P	15 43.90	1.4
ARV	87.45	319	P	15 43.90	1.2
SAL	87.48	322	P	15 42.97	0.2
VDL	87.49	323	ePd	15 42.90	-0.2
DOU	87.51	328	P	15 42.90	0.1
			S	26 20.00	
ECH	87.54	325	P	15 42.67	-0.4
DUI	87.67	317	P	15 44.83	1.0
MOF	87.80	325	P	15 43.77	-0.6
SFI	87.81	320	P	15 45.49	1.2
SGO	87.81	316	P	15 44.66	0.2
MDI	87.82	322	P	15 43.72	-0.6
BBS	87.87	325	P	15 43.99	-0.6
ASS	87.87	319	P	15 45.63	0.8
AQU	87.88	318	P	15 46.09	1.3
MGR	87.91	315	P	15 44.81	-0.1
PGD	87.91	320	P	15 46.33	1.2
CRE	87.93	320	P	15 46.22	1.1
BSF	87.98	325	eP	15 44.00	-1.3
TMA	88.05	323	ePd	15 44.90	-0.8
KVN	88.08	46	eP	15 47.25	1.2
HAU	88.09	326	iPd	15 44.60	-1.1
	1.0s		23.20nm		5.3mb
Z	21s		0.82um		5.1Msz
GRI	88.14	314	P	15 47.81	1.7
FRI	88.24	48	iP	15 46.76	0.2
VAI	88.26	323	P	15 45.56	-0.9
MNS	88.28	318	P	15 46.99	0.2
LOMF	88.29	325	P	15 47.02	0.3
BDI	88.42	321	P	15 47.77	0.3
PHAM	88.44	50	eP	15 49.08	1.5
PKEM	88.50	49	eP	15 49.43	1.6
MMK	88.56	323	ePd	15 48.00	-0.3
BONR	88.60	47	eP	15 49.58	0.9
BOB	88.61	322	P	15 48.25	-0.1
SOI	88.81	313	P	15 50.09	0.8
DIX	88.83	324	ePd	15 49.00	-0.6
ORO	88.84	323	P	15 48.43	-1.0
ELK	88.84	43	iPd	15 50.69	1.0
			ec	16 04.02	
GMB	88.88	314	P	15 50.29	0.5
HHAI	88.92	40	eP	15 51.56	1.6
BCH	89.02	50	ePd	15 51.09	0.6
EMS	89.09	324	ePd	15 49.80	-0.9
PTI	89.20	40	eP	15 52.59	1.3
TNP	89.21	46	eP	15 52.09	0.6
	1.0s		86.19nm		6.0mb
PCP	89.24	322	P	15 50.29	-1.0
LSD	89.38	323	P	15 51.39	-0.8
RSP	89.53	323	P	15 51.71	-1.0
LPL	89.56	324	iPd	15 51.90	-1.1
	0.9s		18.65nm		5.4mb
LPG	89.57	324	iPd	15 52.30	-0.8
	0.8s		18.25nm		5.4mb
FIN	89.64	322	P	15 50.98	-2.2
HVU	89.65	41	ePd	15 54.72	1.3
			epP	16 12.73	64kmX
BHB	89.73	323	P	15 52.63	-0.9
ROB	89.77	322	P	15 51.80	-2.0
ABL	89.79	50	eP	15 54.93	0.7
DLF	89.80	335	iPc	15 52.90	-0.7
	0.8s		95.00nm		6.1mb
ISA	89.82	49	eP	15 53.91	-0.3
	1.2s		25.34nm		5.4mb
Z	19s		0.28um		4.7Msz
LOR	89.82	326	iPd	15 52.60	-1.3
	1.1s		20.50nm		5.3mb
Z	21s		0.80um		5.1Msz
RRL	89.94	323	P	15 53.40	-1.4
LBF	89.96	326	iPd	15 53.20	-1.4
	1.1s		23.70nm		5.4mb
DCN	90.03	336	iPc	15 54.20	-0.5
	0.8s		63.00nm		6.0mb
PZZ	90.04	323	P	15 52.44	-2.7
ENR	90.06	322	P	15 52.53	-2.6
STV	90.10	322	P	15 51.85	-3.5X
SSF	90.14	326	iPd	15 54.30	-1.1
	1.0s		13.40nm		5.2mb
SAOF	90.14	322	P	15 54.28	-1.2
AUTN	90.21	322	P	15 55.99	0.0
SMF	90.26	326	iPd	15 54.70	-1.3
	1.1s		25.40nm		5.4mb
PGF	90.29	320	iPd	15 55.50	-0.8
	1.0s		18.80nm		5.4mb
SBF	90.29	322	iPd	15 54.70	-1.5
	0.8s		61.25nm		6.0mb
TOUF	90.29	322	P	15 55.86	-0.5
AVF	90.40	326	iPd	15 55.60	-1.0
	1.0s		24.00nm		5.5mb
HYF	90.41	327	iPd	15 56.00	-0.6
TPNV	90.51	47	ePd	15 57.94	0.5
DUG	90.63	43	iP	15 59.12	1.2
	1.1s		81.90nm		6.0mb
Z	19s		0.17um		4.5Msz
LDF	90.75	329	iPd	15 57.50	-0.6
	0.9s		82.25nm		6.1mb
AFR	90.75	109	iPd	16 00.70	2.2
	0.9s		288.30nm		6.6mb
FLN	90.79	329	iPd	15 57.50	-0.8
	0.7s		23.25nm		5.7mb
Z	22s		1.55um		5.4Msz
BW06	90.84	39	iPd	15 59.03	0.1
	1.0s		66.73nm		6.0mb
FRF	90.92	322	iPd	15 58.00	-1.0
	1.0s		17.20nm		5.4mb
PPT	90.94	109	iPd	16 01.80	2.5
	1.4s		442.60nm		6.7mb
PPN	91.04	109	iPd	16 02.00	2.2
	1.2s		221.40nm		6.4mb
PMO	91.09	106	iPd	16 01.90	1.9
	1.0s		277.60nm		6.6mb
GSC	91.13	48	(P)	16 00.52	0.3
			(pP)	16 16.58	56kmX
LRG	91.14	322	iPd	15 59.10	-0.9
	1.0s		37.80nm		5.7mb
Z	22s		0.70um		5.1Msz
LMR	91.15	322	iPd	15 59.00	-1.0
	1.3s		61.35nm		5.8mb
MAF	91.19	326	iPd	15 59.70	-0.5
	0.7s		11.70nm		5.4mb
GRR	91.23	329	iPd	16 00.20	-0.1
	0.9s		76.35nm		6.1mb
TVO	91.31	109	iPd	16 03.50	2.4
	1.2s		286.80nm		6.6mb
TPT	91.31	106	iPd	16 02.90	1.8
	1.4s		536.70nm		6.8mb
TCF	91.32	326	iPd	16 00.10	-0.7
	0.8s		14.65nm		5.4mb
CSP	91.36	49	ePd	16 01.79	0.4
DAU	91.41	42	eP	16 02.69	0.9
VAH	91.43	106	iPd	16 03.40	1.8
	1.6s		604.50nm		6.8mb
LPF	91.58	329	iPd	16 01.60	-0.3
	1.1s		115.25nm		6.2mb
RUV	91.61	106	iPd	16 04.30	1.9
	1.4s		404.30nm		6.6mb
LSF	91.67	327	iPd	16 01.50	-0.9
	0.8s		15.05nm		5.5mb
PEC	91.73	50	ePd	16 03.00	0.0
	0.8s		41.09nm		5.9mb
ARUT	91.76	45	eP	16 04.08	0.8
ULM	91.96	27	ePd	16 06.00	2.3
EMUT	92.05	42	eP	16 05.71	1.1
MSU	92.08	44	iPd	16 06.32	1.6
MFF	92.22	328	iPd	16 04.40	-0.5
	1.1s		42.75nm		5.8mb
PLM	92.25	50	eP	16 06.31	0.7
CAF	92.36	325	iPd	16 05.30	-0.4
	0.8s		10.75nm		5.3mb
RJF	92.36	326	iPd	16 05.10	-0.5
	1.3s		57.05nm		5.8mb
Z	22s		0.85um		5.1Msz
NAI	92.62	270	iPd	16 09.00	1.4
Z	20s		0.25um		4.7Msz
SRU	92.68	42	iPd	16 08.32	0.8
RSSD	92.84	35	iPd	16 08.54	0.4
	0.7s		12.13nm		5.4mb
			epP	16 26.03	61kmX
LPO	92.97	326	eP	16 08.10	-0.3
LFF	93.00	326	eP	16 08.10	-0.4
GLA	93.79	49	iPd	16 13.72	1.2
			epP	16 32.04	65kmX
PV09	93.90	42	eP	16 14.70	1.4
PV10	94.04	42	iPd	16 14.88	1.1
			epP	16 32.48	62kmX
PV08	94.14	42	eP	16 15.28	0.9
JAQ	95.17	14	ePd	16 16.40	-2.0
GOL	95.24	39	iPc	16 19.69	0.4
	1.5s		58.37nm		5.8mb
Z	20s		0.32um		4.8Msz
GLD	95.29	39	ePd	16 20.65	1.2
	1.6s		77.75nm		5.9mb
			epP	16 39.20	66kmX
CSY	95.65	187	iPd	16 22.00	2.1
	0.9s		19.00nm		5.6mb
TUC	96.91	48	ePd	16 28.37	1.6
	1.3s		32.33nm		5.7mb
Z	19s		0.25um		4.7Msz
			epP	16 46.27	63kmX
ALQ	97.88	43	eP	16 32.16	0.9
	1.0s		10.19nm		5.3mb
Z	21s		0.25um		4.7Msz
ACO	100.80	38	iPdiff	16 44.00	-0.1
WMOK	102.45	39	ePdiff	16 51.81	0.3
	0.9s		5.99nm		5.3mb
Z	18s		0.34um		4.9Msz

06d 09h

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GAC   102.75  17 ePdiff16 52.00  -0.5
TUL   103.16  36 iPdiff16 51.20  -3.4X
CBM   103.23  12 Pdiff 17 10.00  15.4X
   Z  21s       0.73um          5.2Msz
SLM   103.68  31 Pdiff 17 10.00  13.2X
   Z  19s       0.60um          5.1Msz
YSNY  104.83  21 Pdiff 17 10.00   8.1X
   Z  20s       0.40um          5.0Msz
LBNH  105.01  15 Pdiff 17 10.00   7.4X
   Z  21s       0.41um          4.9Msz
MIAR  105.36  35 ePdiff17 04.80   0.4
      0.9s      3.62nm          5.4mb
   Z  20s       0.21um          4.7Msz
BCAO  105.75 284 iPKPd 21 22.40   2.9X
      0.3s      8.00nm
BINY  105.85  19 Pdiff 17 20.00  13.6X
   Z  20s       0.67um          5.2Msz
BINY  105.85  19 PKP   21 30.00  11.1X
   Z  20s       0.67um          5.2Msz
HRV   106.73  16 PKP   21 30.00   9.5X
   Z  20s       0.44um          5.0Msz
LSCT  107.09  17 PKP   21 30.00   8.8X
   Z  20s       0.39um          5.0Msz
BLA   108.92  25 Pdiff 17 32.10  11.9X
MYNC  109.33  28 PKP   21 40.00  14.3X
   Z  20s       0.40um          5.0Msz
CEH   110.57  24 PKP   21 40.00  12.0X
   Z  21s       0.09um          4.3Msz
SPA   118.43 180 ePKP  21 41.00  -1.2
      1.0s      5.00nm
KIC   123.57 301 PKP   21 53.02  -0.4
      0.7s     43.50nm
TIC   123.60 301 PKP   21 52.82  -0.7
      0.6s     27.50nm
LIC   123.88 301 PKP   21 53.24  -0.8
      0.8s     43.00nm
   Z  20s       0.25um          4.9Msz
KDS   124.55 312 iPKPc 21 54.30  -1.0
NNA   150.69  61 iPKPd 22 47.50   5.2X
      1.0s    125.00nm
ITR   157.04 327 ePKP  22 43.60  -7.5X
                 e     23 20.10
XIN   157.34 325 ePKP  22 51.40  -0.1
ARE   157.51  62 ePKP  22 54.00   2.0X
LPAZ  159.94  56 PKP   22 56.60   1.5
LPB   160.12  57 PKP   22 56.00   1.0
CCH   162.10  55 PKPc  22 58.30   1.5
SIV   164.33  39 PKP   22 59.60   0.9
BAO   166.82 348 ePKP  23 01.20   0.3
   S.D. = 1.0  on 403 of 440 obs.
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  JUN 06, 1994  09h 09m 54.24± 0.51s
  49.174 N ± 4.5km    6.910 E ± 5.8km
  DEPTH =  10.0km  (geophysicist)
 GERMANY                         (543)
    ML 3.0 (STR), 2.5 (UCC).

LANF    0.62 108 Pg    10 06.20  -0.5
SRBF    0.67 112 Pg    10 07.31  -0.3
WLF     0.70 315 iPd   10 06.81  -1.2
                 iS    10 16.32
CDF     0.80 162 Pg    10 10.59   0.7
                 Sg    10 23.33
WLS     0.82 159 Pg    10 08.95  -1.2
                 Sg    10 22.88
ECH     0.97 170 Pg    10 12.90   0.1
MOF     1.33 174 Pn    10 19.03   0.2
BSF     1.35 183 Pn    10 19.37   0.3
MEM     1.55 338 iPc   10 21.45  -0.4
                 id    10 23.60
                 iS    10 41.88
ENN     1.72 339 ePg   10 26.00   1.7
      0.7s     28.90nm
                 eSg   10 50.50
LOMF    1.83 182 Pn    10 25.89  -0.1
MOX     3.38  62 (Pg)  11 00.40  12.3X
                 iSg   11 44.80
KHC     4.38  88 ePg   11 02.50   0.2
                 e     11 10.50
                 e     11 17.50
                 eSg   11 51.00
                 e     12 11.30
CLL     4.46  59 ePg   11 12.00   8.7X
                 eSg   12 18.00
GEC2    4.48  92 Pn    11 03.20  -0.6
      0.4s      2.60nm
KBA     4.79 114 iPnc  11 09.40   1.1

                    i(Sn) 12 03.30
    S.D. = 0.9  on  14 of  16 obs.
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% JUN 06, 1994  09h 33m 05.46± 0.74s
  44.513 N ± 6.9km    7.293 E ± 8.1km
  DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                  (545)
    ML 1.9 (GEN).

PZZ      0.14 267 P       33 09.08   0.2
                  S       33 11.23
ENR      0.30 162 P       33 11.59  -0.2
                  S       33 15.53
BHB      0.33 356 P       33 12.37   0.1
                  S       33 16.95
ROB      0.47 118 P       33 15.07   0.1
                  S       33 21.48
RRL      0.55 319 P       33 16.26  -0.3
    S.D. = 0.3  on   5 of   5 obs.
-------------------------------------
  JUN 06, 1994  09h 37m 30.94± 0.61s
  42.719 N ± 6.1km  111.063 W ± 4.3km
  DEPTH =   5.0km  (geophysicist)
 EASTERN IDAHO                   (457)
    ML 3.7 (GS). Felt (IV) at Afton
    and Grover; (III) at Auburn and
    Smoot, Wyoming. Felt (III) at
    Geneva and Georgetown; (II) at
    Montpelier, Idaho.

PTI      0.97 279 ePn     37 50.70   0.7
                  Sg      38 04.16
BW06     1.11  86 ePn     37 53.41   1.0
                  Sg      38 09.20
HVU      1.58 234 ePn     37 59.56  -0.3
                  Sg      38 20.95
DAU      2.31 184 ePn     38 11.14   0.6
                  Sg      38 42.50
DUG      2.84 208 ePn     38 17.65  -0.4
                  ePg     38 26.52
                  eLg     39 00.56
EMUT     2.91 176 ePn     38 19.60   0.6
                  eSg     38 58.04
SRU      3.63 173 ePn     38 29.36   0.2
                  eSg     39 17.04
ELK      3.70 239 ePn     38 29.55  -0.6
                  eSg     39 25.50
MSU      4.29 192 ePn     38 38.28  -0.3
PV09     4.46 160 ePn     38 40.11  -1.0
                  ePg     38 53.02
                  eSg     39 48.72
PV08     4.53 155 ePn     38 41.37  -0.7
                  ePg     38 54.23
                  eSg     39 48.52
PV10     4.60 160 ePn     38 42.94  -0.1
                  ePg     38 58.84
                  eSg     39 47.44
GOL      5.25 123 ePn     38 52.61   0.4
                  ePg     39 03.38
                  eSg     40 12.19
ARUT     5.25 201 ePn     38 52.97   0.8
                  eSg     40 24.36
GLD      5.31 122 (Pn)    38 54.10   1.1
                  eSg     40 23.71
ALQ      8.55 154 (P)     39 35.46  -3.1X
ACO     10.97 119 iPc     40 10.30  -1.3
ULM     12.88  49 eP      40 36.50  -0.8
    S.D. = 0.8  on  17 of  18 obs.
-------------------------------------
? JUN 06, 1994  09h 55m 31.89± 2.06s
  56.372 S ±25.4km  146.430 E ±45.8km
  DEPTH =  10.0km  (geophysicist)
  4.5mb (  5 obs.)
 WEST OF MACQUARIE ISLAND        (701)

TOO     18.82 358 iPd     59 53.00  -0.6
        1.0s     29.00nm          4.4mb
CAN     21.13   6 eP      00 20.40   1.5
BWA     21.99   4 eP      00 26.40  -1.2
STKA    24.72 350 iPc     00 55.10   0.8
        1.3s     27.90nm          4.8mb
ASPA    33.94 339 eP      02 18.10   0.9
        1.3s      7.40nm          4.5mb
WB2     37.48 341 iPc     02 46.20  -1.0
        0.7s      9.40nm          4.7mb
WRA     37.48 341 P       02 47.00  -0.2
        0.9s      4.70nm          4.3mb

MBC    144.74  24 ePKP   15 08.50  -0.1
RES    150.69  28 ePKP   15 24.50   6.4X
GEC2   150.83 275 PKP    15 26.20   7.0X
       0.8s      2.41nm
                  e      15 38.20
                  e      20 04.90
                  e      26 48.80
                  e      26 51.30
                  e      30 21.30
    S.D. = 1.2  on   8 of  10 obs.
-------------------------------------
  JUN 06, 1994  10h 14m 11.16± 0.35s
  10.663 S ± 7.0km  112.561 E ± 7.6km
  DEPTH =  35.1km  (  3 depth phases)
  5.3mb ( 22 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

SJI      3.01 345 ePd    14 58.00   0.4
                  eS     15 36.00
DNP      3.27  53 ePd    15 02.00   0.6
                  e      20 29.50
LEM      6.20 308 ePc    15 43.00   0.1
                  eS     17 08.00
MBL     12.56 147 eP     17 03.00  -7.3X
                  eS     19 09.00
MEEK    16.89 161 iPc    18 02.60  -4.0X
                  eS     20 55.00
MRWA    18.74 171 eP     18 25.00  -4.5X
                  eS     21 40.00
BAL     20.22 170 eP     18 26.30 -19.7X
                  eS     19 05.00
WARB    20.38 141 eP     18 46.00  -1.8
        0.4s      5.00nm         4.2mb X
                  eS     21 56.00
WRA     22.92 116 P      19 13.39   0.1
        0.9s     39.40nm          4.9mb
WB2     22.93 116 iPd    19 12.90  -0.5
        0.9s     48.60nm          5.0mb
                  epP    19 22.20  34km
                  eS     23 15.20
ASPA    24.10 125 P      19 25.10   0.3
        0.8s     21.90nm          4.7mb
FORT    24.66 147 eP     19 30.00   0.0
PGP     25.41  19 ePc    19 38.00   0.7
NST     28.91 335 eP     20 10.40   1.1
STKA    34.13 133 iPd    20 54.80  -0.2
        0.8s     43.90nm          5.4mb
                  i      21 04.50  33km
KMI     36.83 345 Pc     21 21.00   2.7
        1.2s     40.00nm          5.2mb
                  pP     21 32.00  39km
                  sP     21 36.60
TOO     39.90 138 eP     21 45.50   1.9
        1.0s     23.00nm          4.9mb
SSE     42.34  11 P      22 03.00  -0.5
        1.0s     12.00nm          4.6mb
                  sP     22 23.50
GBA     42.38 304 P      22 03.00  -1.1
        0.8s      6.00nm          4.4mb
ODAN    44.59 327 P      22 22.37   0.1
        1.0s     99.00nm          5.6mb
TAPN    44.82 328 P      22 24.57   0.4
        1.0s     93.00nm          5.6mb
RAMN    45.09 327 P      22 26.65   0.4
        1.0s     62.00nm          5.5mb
JIRN    45.87 327 P      22 32.75   0.2
        0.9s     95.00nm          5.7mb
PKI     46.23 326 P      22 34.83  -0.5
        1.1s     58.00nm          5.4mb
GUN     46.24 327 P      22 35.71   0.3
        0.8s     78.00nm          5.7mb
DMN     46.42 326 P      22 36.89   0.1
KKN     46.47 326 P      22 36.97  -0.1
        1.0s     71.00nm          5.6mb
GKN     46.99 326 P      22 40.97  -0.2
        1.0s     79.00nm          5.7mb
LZH     47.22 350 eP     22 43.00   0.2
        1.6s     57.00nm          5.3mb
     Z  15s       0.29um        4.4MszX
                  pP     23 01.50  74kmX
KOLN    47.40 324 P      22 44.11  -0.3
        0.8s     68.00nm          5.7mb
DANN    47.75 325 P      22 46.49  -0.8
        1.0s    118.00nm          5.9mb
PYUN    48.00 324 P      22 47.99  -1.2
        1.1s     88.00nm          5.7mb
BJI     50.55   4 eP     23 07.00  -1.3
```

1.0s 7.00nm 4.6mb
MAT 52.80 26 eP 23 22.00 -3.4X
0.8s 8.96nm 4.8mb
YAMJ 54.96 26 P 23 39.50 -1.7
OFUJ 56.42 27 P 23 50.00 -1.7
MAIO 68.36 316 eP 25 11.00 -0.5
SPA 79.40 180 eP 26 16.00 0.8
1.1s 2.98nm 4.2mb X
RSSD 134.10 37 ePKP 33 28.52 1.3
GOL 135.65 43 ePKP 33 32.57 2.2X
WMOK 142.72 45 ePKP 33 46.05 3.0X
TUL 144.06 41 iPKPc 33 44.70 -0.6
GAC 144.41 10 ePKP 33 45.00 -0.5
LMN 144.86 357 ePKP 33 46.50 0.2
1.0s 7.00nm
FVM 145.86 33 ePKP 33 50.06 1.8
MIAR 146.32 41 ePKP 33 51.76 2.6X
YSNY 146.86 15 ePKP 33 52.99 3.2X
BINY 147.71 12 ePKP 33 55.07 3.9X
NAV 150.86 22 (PKP) 33 59.60 3.4X
CVL 151.05 18 ePKP 34 04.42 8.1X
CEH 152.75 21 ePKP 34 04.17 5.3X
LPB 152.97 179 PKP 34 10.00 9.7X
PRM 152.98 28 (PKP) 34 02.11 2.8X
LPAZ 153.21 179 PKP 34 10.80 9.9X
S.D. = 1.0 on 38 of 54 obs.

% JUN 06, 1994 10h 17m 34.52± 1.19s
33.704 S ± 9.5km 118.126 E ±10.7km
DEPTH = 10.0km (geophysicist)
WESTERN AUSTRALIA (590)

NWAO 1.08 316 iPd 17 54.60 -0.2
eS 18 08.50
RKG 1.27 227 iPd 17 58.10 0.1
iS 18 14.20
KLB 2.13 352 eP 18 11.10 0.5
eS 18 37.50
MUN 2.36 316 eP 18 13.70 -0.2
eS 18 43.00
COOL 3.80 43 eP 18 34.20 -0.2
eS 19 15.40
S.D. = 0.4 on 5 of 5 obs.

% JUN 06, 1994 10h 53m 08.26± 1.22s
44.577 N ±10.1km 8.489 E ± 6.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.0 (GEN).

PCP 0.05 131 P 53 10.50 0.0
S 53 12.28
FIN 0.42 209 P 53 16.86 0.0
S 53 23.13
ROB 0.53 238 P 53 18.92 0.0
S 53 26.75
ENR 0.84 246 P 53 24.69 0.1
STV 0.90 249 P 53 25.47 -0.1
BHB 0.91 287 P 53 25.83 0.1
PZZ 1.00 266 P 53 27.11 -0.1
S.D. = 0.1 on 7 of 7 obs.

JUN 06, 1994 11h 12m 08.73± 0.36s
10.894 S ± 5.3km 113.536 E ± 6.8km
DEPTH = 33.8km (3 depth phases)
4.8mb (12 obs.) 4.6Msz (1 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 2.75 37 ePc 12 53.00 1.5
eS 13 27.50
e 19 40.50
KHKI 3.24 39 ePd 12 59.00 0.6
eS 13 40.50
e 19 20.20
TRT 3.29 344 ePd 12 59.20 0.0
iS 13 33.70
SJI 3.59 331 ePc 13 04.00 0.6
eS 13 45.00
WSI 6.76 80 ePd 13 49.40 1.2
eS 14 59.00
LEM 7.11 304 iPd 14 02.00 8.7X
eS 15 20.00
MBL 11.86 150 eP 14 52.00 -6.6X
eS 16 51.00
KNA 15.58 110 eP 15 45.00 -2.7
MEEK 16.38 164 eP 15 53.50 -4.3X
e 16 39.00
eS 18 41.00
MTN 17.33 98 eP 16 09.00 -0.8
MRWA 18.38 173 eP 16 18.40 -4.3X
0.4s 13.00nm 4.4mb
eS 19 28.00
WARB 19.61 143 eP 16 36.50 -0.9
0.4s 8.00nm 4.4mb
eS 19 59.00
IPM 19.78 320 ePc 16 38.80 -0.4
0.7s 25.90nm 4.6mb
BAL 19.84 172 eP 16 39.00 -0.7
KLB 20.97 170 eP 16 53.00 1.6
COOL 21.11 162 eP 16 52.70 -0.2
MUN 21.13 174 eP 16 56.00 3.0X
eS 20 35.00
PPR 21.17 14 ePd 16 53.00 -0.6
WB2 21.97 117 iPd 17 01.50 -0.1
0.4s 42.10nm 5.2mb
iS 20 56.30
ASPA 23.19 126 iPd 17 14.50 0.9
0.8s 44.30nm 5.0mb
iS 21 27.10
FORT 23.94 148 eP 17 21.30 0.5
PGP 25.33 17 eP 17 34.00 -0.3
NNT 27.06 329 eP 17 50.00 -0.2
STKA 33.27 133 iPc 18 45.70 0.4
0.7s 14.70nm 5.0mb
KMI 37.31 344 eP 19 21.60 1.6
1.2s 20.00nm 4.9mb
pP 19 30.60 30km
sP 19 37.20
GBA 43.30 303 P 20 07.80 -1.5
0.6s 8.00nm 4.7mb
LZH 47.61 349 eP 20 42.50 -1.2
2.0s 50.00nm 5.2mb
pP 20 53.50 38km
POO 48.87 306 eP 20 46.50 -7.0X
BJI 50.73 3 eP 21 06.00 -1.3
1.3s 12.00nm 4.7mb
Z 22s 0.62um 4.6Msz
MAT 52.59 25 eP 21 18.00 -3.5X
ZAK 61.67 353 eP 22 24.00 -1.6
e 23 02.00 161kmX
YSS 63.27 22 ePc 22 35.00 -1.2
e 22 45.20 33km
e 23 19.00
MAIO 69.19 316 eP 23 14.00 -0.4
SPA 79.17 180 iPc 24 12.20 0.5
1.1s 2.38nm 4.1mb
SVE 80.27 334 iPc 24 18.20 0.8
1.4s 60.00nm 5.4mb
ARU 80.93 333 eP 24 22.00 1.1
OBN 91.49 326 eP 25 08.00 -4.8X
e 25 13.50 17kmX
ILT 91.90 21 eP 25 16.00 1.5
MAF 112.28 316 ePdiff26 28.70 -18.0X
0.4s 2.05nm
TCF 112.52 316 ePdiff26 30.20 -17.5X
0.7s 4.50nm
CAF 112.80 314 ePdiff26 34.30 -14.7X
0.6s 4.35nm
LSF 112.99 316 ePdiff26 32.90 -16.9X
0.6s 4.80nm
LDF 113.71 318 ePdiff26 35.10 -17.8X
0.7s 8.60nm
FLN 113.91 319 ePdiff26 35.80 -18.0X
0.7s 5.30nm
GRR 114.23 318 ePdiff26 39.00 -16.2X
0.4s 6.05nm
GAC 144.47 11 ePKP 31 42.50 -0.8
XIN 145.08 236 ePKP 31 45.90 0.6
e 32 02.40
e 32 26.10
LMN 145.13 358 ePKP 31 45.00 0.5
0.7s 3.00nm
ITR 145.95 236 ePKP 31 48.10 1.3
LPB 152.70 177 PKP 32 06.90 9.3X
LPAZ 152.94 176 PKP 32 06.30 8.1X
S.D. = 1.1 on 34 of 51 obs.

JUN 06, 1994 11h 16m 52.86± 0.28s
36.349 N ± 7.4km 78.468 E ± 9.0km
DEPTH = 33.0km (normal)
4.6mb (15 obs.)
KASHMIR-XINJIANG BORDER REGION (324)

NDI 7.72 188 iPd 18 46.50 0.8
0.6s 386.67nm 6.6mb X
PYUN 9.07 154 P 19 05.06 0.3
S 20 37.60
DANN 9.14 149 P 19 05.68 -0.1
0.2s 108.00nm 6.7mb X
KOLN 9.60 152 P 19 11.94 0.0
GKN 9.82 146 P 19 15.82 0.8
0.3s 121.00nm 6.7mb X
S 20 59.80
KKN 10.30 144 P 19 21.62 0.0
S 21 12.06
DMN 10.37 145 P 19 22.48 -0.2
GUN 10.50 141 P 19 25.02 0.6
PKI 10.55 144 P 19 25.00 -0.1
JIRN 10.86 141 P 19 30.30 0.9
RAMN 11.65 141 P 19 39.14 -0.9
TAPN 11.92 136 P 19 43.50 -0.2
ODAN 12.13 139 P 19 45.94 -0.6
GBA 22.67 183 P 21 51.50 -1.0
0.4s 5.00nm 4.3mb
OBN 34.06 317 eP 23 37.00 1.1
1.0s 20.00nm 5.0mb
HFS 46.91 322 eP 25 22.20 0.5
0.4s 4.60nm 4.8mb
BRG 47.42 309 i(P) 25 27.10 1.2
GEC2 47.90 306 P 25 30.70 0.9
0.9s 3.20nm 4.4mb
KHC 47.93 307 eP 25 30.50 0.5
1.0s 5.40nm 4.5mb
e 25 50.50
e 26 09.00
NB2 48.13 323 P 25 31.20 -0.1
0.4s 0.60nm 4.0mb
CDF 52.16 307 eP 26 01.70 -0.6
BSF 52.62 306 eP 26 05.60 -0.2
0.9s 14.90nm 5.0mb
LPG 53.30 304 eP 26 11.10 0.0
0.5s 3.85nm 4.6mb
LPL 53.31 304 eP 26 11.10 0.1
0.8s 12.35nm 4.9mb
SMF 54.89 306 eP 26 21.60 -0.8
0.5s 5.10nm 4.8mb
SSF 54.98 306 eP 26 21.80 -1.2
0.6s 3.05nm 4.5mb
AVF 55.16 306 eP 26 23.30 -1.0
0.4s 2.05nm 4.5mb
EKA 56.53 317 Pc 26 33.28 -0.8
1.1s 11.80nm 4.8mb
WRA 76.94 127 P 28 44.50 0.7
0.8s 0.60nm 3.7mb X
WB2 76.94 127 eP 28 42.80 -1.1
0.5s 3.30nm 4.6mb
YKA 80.94 6 eP 29 05.40 0.5
0.4s 1.90nm 4.4mb
S.D. = 0.7 on 31 of 31 obs.

% JUN 06, 1994 11h 33m 11.51± 1.21s
39.848 N ± 7.8km 21.965 E ±11.8km
DEPTH = 5.0km (geophysicist)
GREECE (364)

LIT 0.48 58 iPg 33 20.12 -0.9
eSg 33 27.96
AGG 0.87 161 ePg 33 28.84 0.1
eSg 33 43.00
FNA 1.04 334 ePg 33 30.92 -0.7
eSg 33 47.44
GRG 1.16 17 iPg 33 34.62 1.0
SOH 1.44 47 ePb 33 38.84 0.5
eSb 33 59.60
S.D. = 1.1 on 5 of 5 obs.

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* JUN 06, 1994 12h 14m 13.62± 0.54s
11.026 S ± 8.3km 112.605 E ±11.1km
DEPTH = 33.0km (normal)
5.0mb (9 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 3.47 48 ePc 15 06.50 -0.1
e 17 59.00
LEM 6.46 310 ePd 15 40.20 -8.8X
NANU 11.81 167 iPc 17 01.30 -1.5
eS 19 05.50
MEEK 16.53 161 eP 18 04.30 -0.4
PPR 21.54 17 ePd 19 00.00 -2.3
WB2 22.73 116 eP 19 16.70 2.6
1.4s 10.40nm 4.1mb

06d 12h

ipP 19 27.40 41kmX
ASPA 23.86 125 eP 19 28.80 3.7X
0.9s 11.10nm 4.4mb
i 19 38.60
iS 23 51.50
STKA 33.85 132 iPd 20 58.30 3.0X
0.6s 5.70nm 4.7mb
i 21 07.70
GBA 42.61 304 P 22 09.40 0.7
0.8s 5.50nm 4.3mb
ODAN 44.92 327 P 22 27.86 0.3
0.8s 30.00nm 5.3mb
TAPN 45.15 328 P 22 30.00 0.5
0.8s 30.00nm 5.2mb
JIRN 46.20 327 P 22 38.12 0.3
0.8s 33.00nm 5.3mb
GUN 46.56 327 P 22 41.04 0.3
DMN 46.75 326 P 22 41.94 -0.1
GKN 47.31 326 P 22 46.30 -0.1
LZH 47.58 350 eP 22 48.50 0.1
1.0s 25.00nm 5.2mb
DANN 48.07 325 P 22 52.36 -0.2
0.7s 24.00nm 5.3mb
PYUN 48.32 324 P 22 54.12 -0.2
BJI 50.91 4 eP 23 06.00 -7.7X
LPAZ 152.85 178 PKP 34 16.60 13.5X
S.D. = 1.1 on 15 of 20 obs.

? JUN 06, 1994 12h 22m 30.25± 4.05s
38.360 S ±45.2km 176.237 E ±24.7km
DEPTH = 190.0km (geophysicist)
NORTH ISLAND, NEW ZEALAND (159)

TTH 1.27 159 P 23 01.30 0.0
WAHZ 1.34 176 Pc 23 01.90 -0.1
MNG 2.33 194 P 23 12.30 0.3
S 23 43.20
KIW 2.70 202 P 23 16.10 -0.2
MTW 2.85 191 P 23 17.90 -0.1
CAW 2.89 198 P 23 18.60 0.1
AMW 2.97 187 P 23 19.60 0.1
BLW 3.06 191 P 23 20.50 -0.1
MRW 3.10 202 P 23 21.00 0.0
eS 24 00.20
WEL 3.13 201 P 23 21.60 0.2
MOW 3.15 194 P 23 21.40 -0.3
TCW 3.23 207 P 23 22.50 0.0
S.D. = 0.2 on 12 of 12 obs.

JUN 06, 1994 12h 33m 08.76± 0.53s
37.542 N ± 8.0km 114.658 W ± 4.2km
DEPTH = 5.0km (geophysicist)
SOUTHERN NEVADA (41)
ML 3.1 (GS).

ARUT 1.00 75 ePd 33 27.26 -1.0
TPNV 1.40 245 eP 33 34.58 -0.6
TNP 2.10 286 eP 33 45.64 0.4
MSU 2.19 63 eP 33 48.00 1.5
GSC 2.83 218 (Pn) 33 55.20 -0.3
GRP 2.84 196 P 34 01.72 6.0X
BONR 2.92 279 eP 33 57.21 0.2
BNPN 2.92 280 P 33 57.27 0.2
DUG 3.02 28 ePn 33 58.70 0.5
KVN 3.10 300 (Pn) 33 59.54 0.1
ELK 3.23 352 ePn 34 01.40 0.1
SHH 3.44 194 P 34 11.89 7.6X
SRU 3.61 63 ePn 34 07.34 0.6
PNMC 3.68 195 P 34 16.47 8.9X
EMUT 3.77 52 (Pn) 34 07.42 -1.6
PV09 4.47 76 (Pn) 34 18.00 -1.0
HVU 4.47 18 (Pn) 34 17.75 -1.2
PV10 4.52 78 (Pn) 34 21.45 1.8
PV08 4.86 76 (Pn) 34 24.71 0.1
S.D. = 1.0 on 16 of 19 obs.

? JUN 06, 1994 12h 34m 50.18± 6.63s
43.522 N ±47.9km 18.979 E ±14.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.1 (TTG).

PLE 0.36 122 iPgc 34 57.62 0.0
iSg 35 02.10
BRY 0.70 207 iPgc 35 03.89 -0.2
iSg 35 13.60
NKY 0.71 179 iPgc 35 03.62 -0.6
iSg 35 13.42
IVA 0.93 134 iPgd 35 08.00 -0.1
iSg 35 20.92
TTG 1.11 169 iPgc 35 11.41 0.4
iSg 35 26.78
HCY 1.13 198 iPgd 35 11.74 0.4
iSg 35 27.63
S.D. = 0.5 on 6 of 6 obs.

? JUN 06, 1994 12h 36m 14.13± 4.30s
15.181 N ± 8.4km 60.425 W ±48.1km
DEPTH = 30.5 ± 9.5 km
LEEWARD ISLANDS (92)
MG 2.5 (FDF).

CRM 0.64 228 eP 36 26.74 0.0
S 36 36.27
MVM 0.77 216 iPd 36 28.77 0.0
S 36 39.45
FDF 0.83 238 iPc 36 29.50 -0.1
S 36 40.97
BIM 0.91 224 iPd 36 30.91 0.1
S 36 43.54
MGG 1.13 311 eP 36 34.00 0.1
DEG 1.28 332 eP 36 36.00 -0.1
S.D. = 0.2 on 6 of 6 obs.

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* JUN 06, 1994 12h 38m 56.17± 1.15s
43.023 N ±11.2km 111.057 W ± 6.7km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.0 (GS). Felt in the Afton,
Wyoming area.

PTI 0.98 261 eP 39 16.53 1.2
BW06 1.13 102 eP 39 19.79 1.8
HVU 1.78 226 eP 39 26.97 -1.0
DAU 2.61 183 eP 39 40.32 0.2
DUG 3.12 206 (P) 39 46.70 -0.3
eS 40 23.77
EMUT 3.21 177 ePn 39 48.96 0.5
SRU 3.93 174 ePn 39 58.58 -0.1
PV09 4.75 161 (Pn) 40 08.97 -1.5
PV08 4.80 157 (P) 40 11.15 -0.1
PV10 4.89 161 ePn 40 12.68 0.3
RSSD 5.22 75 (Pn) 40 15.14 -1.8
GOL 5.41 126 (Pn) 40 20.60 0.8
S.D. = 1.2 on 12 of 12 obs.

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* JUN 06, 1994 14h 06m 47.37± 1.11s
23.936 S ± 9.3km 179.845 W ± 9.3km
DEPTH = 521.5 ± 13.7 km
4.9mb (16 obs.)
SOUTH OF FIJI ISLANDS (171)

VUN 6.11 345 eP 08 24.30 -2.2
DZM 12.76 276 iPc 09 37.20 2.5
NOUC 12.89 275 iPc 09 38.30 2.4
WCZ 12.98 201 eP 09 38.20 1.5
THZ 18.78 197 eP 10 33.80 -0.3
LTZ 19.90 197 eP 10 42.20 -2.5
WHZ 24.03 201 eP 11 22.20 -0.1
ARMA 26.14 249 iPd 11 42.30 0.9
0.5s 21.00nm 5.0mb
CNB 28.96 240 eP 12 07.00 1.1
0.6s 30.00nm 5.0mb
CAN 29.25 240 iPd 12 09.00 0.6
BWA 29.51 242 iPd 12 09.10 -1.5
CTA 31.62 270 iPd 12 29.50 0.8
0.5s 105.63nm 5.7mb
TOO 32.55 237 iPd 12 37.00 0.6
0.6s 33.00nm 5.1mb
PMG 34.64 289 eP 12 54.00 -0.1
STKA 34.84 248 iPd 12 56.10 0.4
0.5s 14.40nm 4.8mb
ASPA 42.17 261 iPd 13 55.30 -0.1
0.7s 65.90nm 5.3mb
WB2 42.53 266 iPc 13 57.80 -0.5
0.4s 149.10nm 5.9mb
eS 19 43.70
WRA 42.55 266 P 13 58.20 -0.2
0.7s 39.10nm 5.0mb
FORT 46.43 250 iPd 14 27.50 -0.9
0.5s 40.00nm 5.2mb
MTN 47.60 274 eP 14 36.30 -1.2
WARB 48.24 256 iPd 14 41.40 -0.9
0.3s 8.00nm 4.7mb
KNA 48.80 270 iPd 14 46.50 -0.1
KLB 55.10 247 eP 15 30.80 -1.2
MBL 55.41 260 eP 15 33.00 -1.3
LEM 71.32 271 iPc 17 12.00 -4.2X
ADK 75.54 2 eP 17 37.44 -1.5
0.6s 10.47nm 4.5mb
BKS 81.88 42 iPc 18 13.26 0.4
1.4s 40.00nm 4.8mb
MHC 81.92 43 ePc 18 13.99 0.8
1.1s 10.00nm 4.3mb
ARN 81.99 43 eP 18 13.91 0.4
CMB 83.13 43 ePc 18 19.20 0.0
1.2s 10.00nm 4.2mb
ORV 83.38 41 iPc 18 20.50 0.2
WDC 83.39 40 iPc 18 21.00 0.6
2.3s 70.00nm 4.8mb
MIN 83.80 41 eP 18 22.50 -0.1
0.3s 10.00nm 4.9mb
GLA 83.94 50 eP 18 24.17 0.9
YBH 84.02 39 eP 18 23.71 0.1
3.2s 240.00nm 5.3mb X
TUC 86.43 52 eP 18 37.79 2.4
SLKM 87.54 14 eP 18 38.81 -1.2
LON 87.70 36 eP 18 40.82 -0.3
RMW 88.15 35 eP 18 43.19 0.0
BALM 89.95 17 (P) 18 50.83 -0.4
HFS 142.61 349 ePKP 25 16.70 -4.9X
0.3s 3.20nm
S.D. = 1.2 on 39 of 41 obs.

? JUN 06, 1994 14h 10m 51.83± 3.00s
11.089 S ±14.1km 113.700 E ±55.8km
DEPTH = 33.0km (normal)
SOUTH OF JAWA, INDONESIA (282)

DNP 2.82 32 ePd 11 35.50 -0.1
e 14 11.50
LEM 7.35 305 ePc 13 33.50 53.7X
NANU 11.54 172 iPc 13 36.10 -1.3
eS 40 40.00
MBL 11.62 150 eP 13 38.00 -0.4
eS 15 42.00
MEEK 16.15 164 eP 14 39.50 1.5
iS 17 34.00
MRWA 18.16 174 eP 15 03.50 0.2
eS 18 15.00
S.D. = 1.4 on 5 of 6 obs.

? JUN 06, 1994 14h 55m 31.55± 2.49s
32.381 S ±21.6km 69.953 W ±26.3km
DEPTH = 140.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)
MD 3.9 (SAN).

JACH 0.62 241 iPd 55 52.85 0.0
iS 56 09.12
PEL 0.98 219 iP+ 55 55.41 -0.1
iS 56 13.22
FCH 0.99 197 iP 55 55.63 -0.3
iS 56 13.95
ROCH 1.07 236 iP+ 55 56.73 0.2
iS 56 15.40
PCH 1.32 201 iPd 55 59.03 0.1
iS 56 19.85
TACH 1.51 213 iPd 56 00.77 -0.1
iS 56 23.11
CHCH 1.66 201 iPd 56 02.61 0.1
iS 56 26.29
LCCH 1.74 231 iP+ 56 03.69 0.3
iS 56 27.92
CACH 1.81 197 iPd 56 04.81 0.4
iS 56 30.35
LNV 1.99 218 iP+ 56 05.84 -0.5
iS 56 31.89
S.D. = 0.3 on 10 of 10 obs.

& JUN 06, 1994 15h 08m 10.64s
62.655 N 152.233 W
DEPTH = 19.6km
CENTRAL ALASKA (1)
<AEIC>. ML 3.4 (AEIC), 3.6
(PMR).

CUT 0.94 105 iP 08 27.78 -0.4
KTH 1.08 33 eP 08 29.80 -0.8
eS 08 44.81
TRF 1.19 47 eP 08 31.90 -0.5

			eS	08 48.84	
HUR	1.24	74	eP	08 32.93	0.1
			eS	08 49.02	
NCG	1.26	178	iP	08 32.34	-0.9
			eS	08 49.11	
CGLM	1.36	175	eP	08 33.99	-0.6
CRP	1.39	178	P	08 34.90	-0.3
CP2	1.40	180	ePd	08 34.62	-0.7
			eS	08 51.01	
CKN	1.44	179	eP	08 35.89	0.2
CKT	1.46	179	eP	08 35.98	-0.1
SPU	1.48	177	eP	08 35.82	-0.6
			eS	08 55.65	
PWA	1.50	131	P	08 36.70	0.2
			S	08 57.50	
BKG	1.59	181	eP	08 38.23	0.2
			eS	08 59.65	
RND	1.72	62	eP	08 40.17	0.4
			eS	09 01.75	
TTA	1.76	281	eP	08 39.36	-1.1
GHO	1.79	118	eP	08 41.13	0.3
			eS	09 04.54	
PLRM	1.81	125	eP	08 41.41	0.4
PMR	1.81	125	eP	08 40.64	-0.4
MCK	1.85	53	eP	08 42.61	1.0
PMS	1.90	137	P	08 42.90	0.5
			S	09 07.70	
NKA	1.98	166	eP	08 45.52	2.0
SML	2.01	113	eP	08 44.21	0.1
			eS	09 11.33	
RDT	2.09	182	eP	08 46.55	1.3
KNK	2.17	123	eP	08 47.45	1.1
REF	2.19	186	eP	08 47.88	1.2
RS2	2.21	187	P	08 48.90	1.8
RSO	2.21	187	P	08 48.90	1.8
SVW	2.23	227	eP	08 46.22	-1.0
RED	2.26	187	eP	08 49.28	1.6
			eS	09 18.83	
DHY	2.27	77	eP	08 47.28	-0.6
SLKM	2.36	155	eP	08 49.33	0.3
NEA	2.39	35	eP	08 48.18	-1.2
SCM	2.44	108	eP	08 51.08	0.9
MLY	2.48	15	eP	08 49.95	-0.7
WRH	2.60	44	eP	08 51.64	-0.8
INE	2.63	189	eP	08 53.27	0.2
NNL	2.66	170	eP	08 54.69	1.4
CCB	2.81	43	eP	08 54.44	-0.9
TOA	2.88	98	P	08 58.10	1.7
SEW	2.89	151	eP	08 55.75	-0.7
			eS	09 32.52	
MDM	2.92	36	eP	08 55.64	-1.2
HDA	2.95	51	eP	08 57.18	-0.1
FBA	2.99	39	eP	08 56.75	-1.2
SDG	3.10	89	eP	09 00.05	0.6
PAX	3.12	81	eP	08 59.55	-0.3
VZW	3.13	118	eP	09 00.86	0.9
CNPM	3.18	171	eP	09 01.52	0.9
IL1	3.19	46	eP	08 59.88	-0.9
KLU	3.19	109	eP	09 00.81	-0.1
TZL	3.23	98	eP	09 02.59	1.2
FID	3.34	122	eP	09 02.39	-0.5
AUP	3.35	190	(P)	09 03.73	0.6
IM3	3.41	350	eP	09 03.27	-0.6
IMA	3.48	350	eP	09 03.75	-1.3
GLB	4.15	103	eP	09 14.56	0.1
BCA3	4.80	80	eP	09 23.36	-0.4
KDC	4.93	182	eP	09 27.60	2.3
BALM	4.96	105	eP	09 24.94	-1.0
BM3	5.77	31	eP	09 34.62	-2.7

59 obs. associated

& JUN 06, 1994 15h 31m 39.26s
34.287 N 118.491 W
DEPTH = 2.9km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 2.9 (GS).

SSK	0.67	96	iPc	31 51.80	-0.8
RYS	0.79	297	P	31 54.82	-0.3
ABL	0.82	313	eP	31 54.52	-1.2
			eS	32 06.57	
BMTC	0.85	354	P	31 54.75	-1.6
ARVC	0.88	342	P	31 55.70	-1.2
CSP	0.94	89	iPc	31 56.64	-1.3
			eS	32 10.02	
MARC	1.00	316	P	31 58.27	-0.6
LPC	1.03	282	P	31 58.40	-1.1
WJPM	1.12	0	P	31 59.68	-1.3
PEC	1.17	109	eP	32 00.05	-1.8
TMB	1.17	313	P	32 01.56	-0.3
PKM	1.25	299	P	32 02.67	-0.6
SYP	1.25	281	P	32 01.90	-1.4
WOFM	1.26	352	P	32 03.62	0.2
ISA	1.37	1	eP	32 03.47	-1.8
			eS	32 23.33	
CRGC	1.39	314	P	32 04.88	-0.8
SCCM	1.53	296	P	32 07.50	-0.1
BCH	1.59	305	eP	32 06.81	-1.7
TOW	1.63	21	P	32 09.89	0.9
PLM	1.65	124	eP	32 07.36	-2.0
GSC	1.72	53	eP	32 08.76	-1.6
			eS	32 31.98	
TPNV	3.22	34	(Pn)	32 29.73	-2.2
GLA	3.29	111	(Pn)	32 31.43	-1.4

23 obs. associated

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* JUN 06, 1994 15h 33m 48.45± 0.54s
10.775 S ± 9.5km 113.289 E ±14.4km
DEPTH = 33.0km (normal)
4.8mb (7 obs.) 4.1Msz (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP	2.82	42	ePc	34 39.00	6.9X
			eS	35 02.50	
			e	40 23.50	
KHKI	3.31	44	iPd	34 35.10	-4.1X
			iS	35 18.40	
			e	40 09.90	
SJI	3.37	333	ePd	34 43.00	2.9X
			eS	35 23.00	
LEM	6.84	305	ePd	35 28.00	-1.3
			eS	37 11.00	
WSI	6.98	82	ePc	36 13.00	42.0X
NANU	11.92	170	eP	36 38.00	-1.1
			eS	38 46.00	
MBL	12.09	149	eP	36 36.80	-4.6X
			iS	38 41.00	
MEEK	16.56	163	eP	37 41.00	1.1
			eS	40 34.00	
MRWA	18.52	173	eP	38 04.00	-0.3
	0.4s		8.00nm		4.3mb
			eS	41 15.00	
IPM	19.54	321	ePc	38 17.90	1.5
WARB	19.85	142	eP	38 20.30	0.6
			eS	41 44.00	
WB2	22.24	117	iPc	38 42.60	-1.5
	0.6s		8.20nm		4.4mb
			eS	42 40.80	
ASPA	23.45	126	iPd	38 56.40	0.4
	1.0s		23.20nm		4.6mb
	Z 22s		0.40um		3.8Msz
			eS	43 07.10	
CHTO	32.63	334	eP	40 19.90	0.3
STKA	33.53	133	iPd	40 28.10	0.8
	1.1s		14.20nm		4.8mb
KMI	37.13	344	eP	40 59.70	1.4
	1.2s		20.00nm		4.9mb
			sP	41 18.80	
LZH	47.45	350	eP	42 21.50	-0.7
	1.6s		30.00nm		5.1mb
			pP	42 29.50	27kmX
BJI	50.62	3	eP	42 45.00	-1.3
	2.0s		32.00nm		5.0mb
	Z 20s		0.42um		4.5Msz
			eS	49 56.00	
			eSS	53 26.00	
LPAZ	153.08	177	PKP	53 52.60	14.4X

S.D. = 1.2 on 13 of 19 obs.

JUN 06, 1994 16h 04m 46.34± 0.85s
33.482 S ± 9.0km 68.652 W ± 7.2km
DEPTH = 54.9 ± 11.3 km
4.1mb (1 obs.)
MENDOZA PROVINCE, ARGENTINA (139)
MD 4.8 (SAN). Felt (IV) at Rivadavia, San Carlos, and Tupungato; (III) at Mendoza.

MDZ	0.62	344	eP	04 58.50	-1.0
			iS	05 08.40	
FCH	1.38	276	iP+	05 09.60	-0.3
PCH	1.56	264	iP+	05 12.31	0.1
			iS	05 32.74	
SAN	1.68	270	iP+	05 14.30	0.5
			iS	05 36.08	
CHCH	1.73	254	iP+	05 14.68	0.2
PEL	1.74	281	iP+	05 15.23	0.6
			iS	05 37.04	
CACH	1.74	248	iP+	05 15.07	0.3
			iS	05 36.90	
JACH	1.81	296	iP+	05 16.83	1.0
			iS	05 39.20	
TACH	1.92	264	iP+	05 16.89	-0.2
			iS	05 41.28	
ZON	1.93	359	iPd	05 18.00	0.6
ROCH	2.04	284	iPd	05 19.40	0.3
			iS	05 45.56	
LNV	2.35	258	iP+	05 22.50	-0.7
			(S)	05 53.58	
LCCH	2.44	269	iP+	05 24.03	-0.4
			(S)	05 56.55	
IHA	2.55	279	eP	05 25.20	-0.8
			iS	06 02.00	
UFRS	15.30	82	eP	08 21.10	0.8
			e	12 49.10	
			e	13 01.60	
CCH	16.19	9	P	08 44.60	12.6X
LPB	16.88	2	P	08 35.80	-5.1X
LPAZ	17.13	2	P	08 32.60	-11.5X
ARE	17.14	351	eP	08 55.00	11.1X
BAO	25.78	51	eP	10 13.50	-0.4
			i	10 22.90	
			e	18 55.10	
SOB1	35.17	53	(P)	11 46.00	9.0X
XIN	37.09	57	eP	12 01.80	8.6X
ITR	37.17	55	eP	11 53.20	-0.7
SPA	56.70	180	iPc	14 26.30	-0.2
	1.0s		2.00nm		4.1mb
WRA	122.52	206	PKP	23 37.80	0.3
	0.7s		0.60nm		

S.D. = 0.6 on 19 of 25 obs.

JUN 06, 1994 16h 28m 05.55± 0.78s
35.224 N ± 8.3km 3.964 W ± 8.4km
DEPTH = 29.6 ± 9.7 km
STRAIT OF GIBRALTAR (385)
mbLg 3.3 (MDD). MD 3.3 (RBA).

EMEL	0.83	84	eP	28 20.93	-0.1
			eS	28 31.80	
TAF	1.34	107	ePnd	28 29.50	1.1
			iSn	28 48.00	
			i	28 50.00	
EGUA	1.64	11	eP	28 31.06	-1.7
			eS	28 49.40	
EJIF	1.73	315	eP	28 35.66	1.6
			eS	28 58.30	
ERON	1.80	4	eP	28 33.81	-1.3
			eS	28 54.10	
ELOJ	1.93	356	eP	28 37.81	0.8
			eS	28 57.40	
IFR	1.96	210	iPn	28 38.00	0.5
			iSn	29 01.00	
ECOG	2.07	9	eP	28 39.06	-0.1
			eS	29 01.40	
ELUQ	2.35	354	eP	28 43.52	0.6
			eS	29 08.50	
AVE	3.44	237	ePn	28 58.00	-0.5
			i	29 03.00	
			eSn	29 35.00	
			i	29 38.00	
TIO	5.10	214	iPn	29 21.00	-1.1
			iSn	30 17.50	

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

% JUN 06, 1994 16h 43m 10.63± 0.86s
37.830 N ±10.6km 2.055 W ± 6.3km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 2.7 (MDD).

EHUE	0.43	268	eP	43 18.14	-1.2
			eS	43 24.80	
EALH	0.50	87	eP	43 20.53	-0.3
			eS	43 28.40	
EVIA	0.88	337	eP	43 28.04	0.4
			eS	43 40.10	
ECOG	1.32	246	eP	43 35.38	0.3
			eS	43 53.50	
EBAN	1.41	284	eP	43 36.40	0.1
			eS	43 54.90	

ERON 1.61 240 eP 43 40.13 0.8
eS 43 59.80
S.D. = 0.9 on 6 of 6 obs.

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* JUN 06, 1994 16h 49m 36.57± 1.46s
7.383 S ± 6.9km 128.522 E ±11.7km
DEPTH = 168.7 ± 18.2 km
4.7mb (9 obs.)
BANDA SEA (280)

MTN 6.01 155 iPc 51 05.20 0.8
0.4s 263.00nm 5.8mb X
eS 52 08.00
KNA 8.32 178 eP 51 34.40 -0.7
0.3s 45.00nm 5.5mb
eS 53 01.00
WB2 13.70 156 iPc 52 42.70 -2.5
0.5s 18.90nm 4.7mb
ipP 52 50.10
iS 55 09.30
WWKK 15.49 77 eP 53 06.90 -0.6
BIP 15.67 352 eP 53 12.00 2.3
MBL 16.07 211 eP 53 13.30 -1.2
eS 56 00.00
ASPA 16.99 163 iPc 53 26.60 0.7
0.5s 128.30nm 5.5mb
eS 56 24.80
WARB 18.78 185 iPd 53 46.10 0.5
0.4s 12.00nm 4.6mb
CTA 21.33 128 iP 54 13.00 1.7
MEEK 21.34 205 eP 54 12.00 0.6
eS 58 08.00
FORT 23.28 181 eP 54 31.00 0.8
MRWA 24.72 207 eP 54 44.00 0.2
0.4s 7.00nm 4.6mb
STKA 27.25 155 iPd 55 07.50 0.6
0.6s 9.70nm 4.7mb
eS 00 33.80
CHTO 39.09 312 eP 56 49.30 0.2
MAT 44.63 11 eP 57 32.00 -1.9
0.8s 3.73nm 4.0mb
YAMJ 46.57 13 eP 57 49.10 -0.1
OFUJ 47.81 14 eP 57 58.50 -0.3
BJI 48.55 347 eP 58 03.50 -0.9
1.0s 9.00nm 4.3mb
LZH 49.07 333 eP 58 08.50 -0.2
1.5s 42.00nm 4.8mb
LPB 151.10 145 (PKP) 09 16.00 9.7X
LPAZ 151.28 145 PKP 09 14.90 8.1X
S.D. = 1.3 on 19 of 21 obs.

& JUN 06, 1994 17h 29m 53.89s
57.088 N 155.593 W
DEPTH = 49.8km
ALASKA PENINSULA (12)
<AEIC>. ML 3.2 (AEIC).

KDC 1.80 67 eP 30 21.14 -1.9
CDD 2.12 29 eP 30 25.94 -1.6
MCNL 2.21 17 eP 30 27.29 -1.5
eS 30 53.66
SYI 2.29 47 eP 30 28.82 -1.2
AUI 2.53 26 eP 30 32.42 -0.9
AGU 2.55 26 eP 30 32.82 -0.9
AUH 2.55 26 eP 30 32.63 -1.1
AUP 2.55 26 eP 30 31.90 -1.9
AUE 2.56 26 eP 30 32.87 -0.9
AUL 2.57 25 eP 30 33.06 -0.8
PDB 2.81 15 eP 30 35.36 -2.0
eS 31 07.30
SDN 3.25 239 P 30 40.70 -2.9
INE 3.26 23 eP 30 42.12 -1.9
HOM 3.31 37 eP 30 42.74 -1.8
CNPM 3.36 41 eP 30 42.94 -2.2
BRLK 3.65 41 eP 30 46.60 -2.7
RS2 3.69 22 eP 30 46.94 -3.1
NNL 3.72 35 eP 30 48.65 -1.6
REF 3.73 23 eP 30 48.58 -2.0
RDT 3.87 24 eP 30 50.45 -2.0
SVW 4.03 360 (P) 30 48.77 -5.9
BKG 4.35 22 eP 30 56.90 -2.2
SEW 4.41 44 eP 30 56.05 -3.9
SLKM 4.42 37 eP 30 56.79 -3.4
CKT 4.48 21 eP 30 58.98 -2.0
SPU 4.49 22 eP 30 58.56 -2.6
CKN 4.50 22 eP 31 00.92 -0.4
CP2 4.53 21 eP 30 57.30 -4.5
CRP 4.55 21 eP 31 00.21 -1.8
CGLM 4.62 22 eP 31 00.57 -2.4
NCG 4.67 21 eP 31 01.60 -2.2
MTU 5.07 52 eP 31 05.76 -3.6
PMS 5.20 34 P 31 07.90 -3.2
KNK 5.67 37 eP 31 13.43 -4.4
HIN 5.78 51 eP 31 15.35 -3.9
GHO 5.80 33 eP 31 15.48 -4.1
FID 5.98 48 eP 31 16.84 -5.2
SML 6.01 35 eP 31 18.11 -4.4
VZW 6.13 46 eP 31 20.25 -3.9
CVA 6.18 52 eP 31 20.89 -3.9
KLU 6.63 44 eP 31 26.47 -4.8
BALM 7.89 54 eP 31 43.70 -5.0
42 obs. associated

? JUN 06, 1994 18h 09m 01.00± 1.64s
6.548 S ±15.8km 147.101 E ±25.4km
DEPTH = 80.3 ± 10.9 km
4.5mb (2 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

LAT 0.15 220 iPc 09 14.10 0.1
MDG 1.84 314 eP 09 31.20 -0.1
PMG 2.84 179 iPc 09 45.00 0.0
WB2 18.18 222 iPc 13 09.30 -0.4
0.3s 8.00nm 4.4mb
ASPA 21.23 215 iPc 13 42.90 0.6
0.3s 10.30nm 4.7mb
iS 17 43.90
ARMA 24.13 170 eP 14 10.50 -0.2
S.D. = 0.5 on 6 of 6 obs.

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* JUN 06, 1994 18h 13m 31.45± 1.41s
37.738 N ± 9.1km 142.529 E ±14.0km
DEPTH = 41.8 ± 9.0 km
OFF EAST COAST OF HONSHU, JAPAN (229)

OFUJ 1.50 333 P 13 55.70 -0.6
eS 14 15.90
YAMJ 2.02 283 P 14 02.80 -0.9
eS 14 28.00
KAKJ 2.43 232 P 14 08.70 -0.8
S 14 35.00
NIIJ 2.85 261 P 14 14.40 -1.1
S 14 51.50
AOMJ 3.28 330 eP 14 22.40 0.8
CHJJ 3.30 240 eP 14 20.60 -1.3
eS 14 57.80
MAT 3.65 252 eP 14 27.00 0.0
eS 15 15.00
MTMJ 3.95 254 P 14 32.20 1.0
IIDJ 4.35 240 P 14 38.40 1.6
eS 15 28.80
HOOJ 4.68 7 eP 14 42.10 0.7
eS 15 33.00
MRRJ 4.81 347 eP 14 44.70 1.4
KUSJ 5.61 17 eP 14 53.00 -1.5
eS 15 54.90
TSRJ 5.70 249 P 14 58.40 2.5
eS 16 05.50
ASAJ 6.37 1 eP 15 04.90 -0.4
WKYJ 6.63 240 P 15 09.60 0.7
YONJ 7.74 254 P 15 24.20 -0.2
TKSJ 7.84 244 P 15 24.60 -1.2
TAPN 46.78 274 P 22 02.30 3.2X
ODAN 47.26 274 P 22 01.64 -1.1
RAMN 47.84 274 P 22 04.84 -2.5
0.9s 10.00nm 4.9mb
GUN 47.97 276 P 22 09.44 0.9
0.4s 8.00nm 5.1mb
KKN 48.50 276 P 22 12.72 0.3
1.0s 31.00nm 5.3mb X
GKN 48.91 276 P 22 15.32 -0.2
0.6s 11.00nm 5.1mb
DANN 49.44 277 P 22 20.18 0.4
0.9s 60.00nm 5.6mb X
PYUN 50.16 277 P 22 22.04 -3.1X
WRA 57.89 189 P 23 22.20 0.7
0.7s 1.00nm 4.0mb
GBA 62.15 266 P 23 50.00 -1.0
KAF 68.09 333 eP 24 29.00 0.4
NUR 69.74 332 eP 24 39.60 0.9
S.D. = 1.2 on 27 of 29 obs.

% JUN 06, 1994 18h 21m 02.08± 1.39s
36.416 N ±12.4km 4.510 W ± 5.8km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.5 (MDD).

EMAL 0.35 11 iPd 21 10.00 0.7
eS 21 15.30
EJIF 0.77 273 eP 21 17.96 0.8
eS 21 28.00
ELOJ 0.78 21 eP 21 17.87 0.5
eS 21 27.20
EPRU 0.80 314 eP 21 17.39 -0.2
eS 21 27.10
ERON 0.83 43 eP 21 18.33 0.2
eS 21 29.70
EGUA 0.87 61 eP 21 18.35 -0.4
eS 21 30.80
PLAT 1.05 254 iP 21 31.00 9.1X
ECOG 1.15 41 eP 21 24.81 1.2
eS 21 40.80
ELUQ 1.16 10 eP 21 24.14 0.4
eS 21 38.20
EHOR 1.52 337 eP 21 28.07 -1.3
eS 21 46.00
EBAN 1.84 18 eP 21 33.22 -0.7
eS 21 55.70
EHUE 2.07 47 eP 21 37.37 -0.1
eS 22 03.00
EVIA 2.73 35 eP 21 45.84 -1.0
eS 22 16.70
S.D. = 0.8 on 12 of 13 obs.

% JUN 06, 1994 18h 21m 23.75± 1.26s
36.468 N ±12.5km 4.634 W ± 4.9km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.8 (MDD).

EMAL 0.34 29 iPd 21 30.46 -0.2
eS 21 35.80
EJIF 0.67 269 eP 21 37.01 -0.1
eS 21 46.50
EPRU 0.69 316 eP 21 38.02 0.6
eS 21 48.00
LIJA 0.76 305 iP 21 40.00 1.4
ELOJ 0.78 29 eP 21 39.00 0.0
eS 21 50.70
ALJ 0.81 285 eP 21 38.00 -1.5
ERON 0.86 50 eP 21 40.30 -0.2
eS 21 52.50
EGUA 0.93 67 eP 21 41.80 0.2
eS 21 54.50
GIBL 1.12 289 eP 21 41.00 -3.8X
ELUQ 1.13 15 eP 21 44.19 -0.8
eS 21 59.50
ECOG 1.18 46 eP 21 44.50 -1.3
eS 22 02.50
EHOR 1.44 340 eP 21 49.87 0.0
eS 22 07.20
EBAN 1.82 22 eP 21 55.60 0.2
eS 22 19.10
EHUE 2.11 50 ePn 22 01.37 1.7
eSn 22 26.90
EVIA 2.75 37 eP 22 08.83 0.0
eS 22 41.40
PAB 3.08 4 ePn 22 19.00 5.6X
eSn 23 01.00
S.D. = 0.9 on 14 of 16 obs.

JUN 06, 1994 20h 47m 40.53± 0.11s
2.917 N ± 2.5km 76.057 W ± 2.0km
DEPTH = 12.1km (geophysicist)
6.4mb (137 obs.) 6.6Msz (50 obs.)
COLOMBIA (103)
Mw 6.7 (GS), 6.8 (HRV). Ms 6.3 (BRK). Mo=4.7*10**19 Nm (PPT). At least 295 people killed, 500 missing, 13,000 homeless and severe damage caused to houses, highways and bridges by the earthquake and ensuing landslides in Cauca, Huila, Tolima and Valle Departments. At least 200 homes were destroyed, including 25 at Toribio and 15 at Piendamo. Moderate structural damage occurred at Bogota and Cali. An avalanche from the

Huila Volcano blocked the Paez
River causing severe flooding at
Belalcazar and Neiva. Felt in
much of west-central Colombia
from Tunja to Pasto. Depth from
broadband displacement
seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 30 Dip=83 Slip= 165
NP2: 122 75 7
Principal Axes:
T Plg=16 Azm=345
P 5 77
Comment: The focal mechanism is
moderately well controlled
and corresponds to strike-
slip faulting with a small
reverse component. The
preferred fault plane is not
determined.
RADIATED ENERGY
No. of sta: 21 Focal mech. F
Energy 1.7±0.3*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 36
Moment Tensor; Scale 10**19 Nm
Mrr=-0.02 Mtt= 1.22
Mff=-1.19 Mrt= 0.10
Mrf= 0.25 Mtf= 0.51
Principal axes:
T Val= 1.34 Plg= 6 Azm=348
N 0.00 78 227
P -1.34 10 79
Best Double Couple:Mo=1.3*10**19
NP1:Strike=123 Dip=79 Slip= -3
NP2: 214 87 -169
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 65S,162C M.W.: 58S,125C
Centroid Location:
Origin Time 20:47:47.4 0.1
Lat 2.93N 0.01 Lon 75.94W 0.01
Dep 15.0 BDY Half-duration 6.2
Moment Tensor; Scale 10**19 Nm
Mrr=-0.05 0.01 Mtt= 1.46 0.01
Mff=-1.41 0.01 Mrt=-0.61 0.03
Mrf=-0.10 0.03 Mtf= 1.00 0.01
Principal Axes:
T Val= 1.96 Plg=17 Azm=163
N -0.24 73 332
P -1.72 3 72
Best Double Couple:Mo=1.8*10**19
NP1:Strike=206 Dip=76 Slip= 170
NP2: 299 80 14

SILC	0.36	231	iPd	47 46.05	-2.2	
BETC	0.66	111	P	47 51.78	-1.7	
MUNC	1.00	244	P	47 57.46	-2.1	
ANCC	1.00	306	iPc	47 58.63	-0.8	
PRAC	1.39	56	P	48 05.90	0.2	
HOBC	1.43	357	iPc	48 06.00	-0.4	
CRUC	1.67	212	P	48 08.60	-1.4	
TOLC	1.81	23	P	48 11.77	-0.2	
PSO	2.13	217	iPd	48 17.00	0.3	
BOG	2.61	49	iPd	48 26.00	2.4	
CMBC	2.71	221	P	48 25.94	0.8	
CHIC	2.88	54	P	48 29.01	1.6	
SOLC	3.70	338	P	48 37.25	-1.5	
RUSC	4.22	45	P	48 46.24	-0.2	
BMG	5.08	36	eP	48 59.00	0.5	
UPA	6.95	330	ePd	49 25.51	0.9	
			eS	50 46.59		
ECO	7.35	331	ePd	49 30.82	0.4	
			eS	50 56.91		
SDV	8.02	42	iPc	49 37.90	-1.9	
DVD	8.40	311	ePd	49 47.34	2.4	
			eS	51 26.42		
BRU	8.72	312	ePc	49 52.83	3.0X	
			eS	51 35.96		
ACR	9.08	309	ePc	49 57.04	2.6	
			eS	51 39.48		
TOV	9.24	42	ePc	49 54.30	-2.3	
			iPP	49 54.60		
LIO	9.88	316	ePd	50 35.42	30.0X	
BUS	10.10	311	ePd	50 35.02	26.1X	
ICR	10.43	313	ePc	50 15.13	1.7	
SJS	10.57	312	ePc	50 19.63	4.6X	
JCR	11.33	308	ePd	50 26.53	1.2	
CAR	11.79	50	iPc	50 32.00	0.4	
VCR	11.90	307	ePd	50 35.18	2.0	
NNA	14.83	183	ePc	51 07.78	-4.1X	
TCE	16.16	61	eP	51 30.28	1.1	
TPP	16.26	62	eP	51 33.37	3.0X	
TRN	16.44	61	eP	51 34.04	1.3	
TBH	16.67	62	eP	51 38.05	2.4	
IMO	17.08	27	P	51 44.50	3.7X	
MGP	17.38	30	P	51 43.50	-1.1	
YUP	17.60	310	ePd	51 52.66	5.1X	
			eS	52 15.41		
CLLP	17.70	31	P	51 46.00	-2.6	
SVB	17.89	54	eP	51 50.61	-0.4	
SVV	17.95	54	eP	51 52.33	0.7	
SJG	17.95	32	eP	51 52.50	0.7	
CPD	18.02	33	P	51 52.00	-0.6	
IXG	18.09	309	ePc	51 57.60	4.0X	
LPR	18.27	32	P	51 55.00	-0.6	
TER	18.34	309	ePc	52 00.26	3.7X	
SLB	18.37	53	eP	51 56.41	-0.6	
BVA	18.53	310	ePc	52 02.94	3.8X	
SLW	18.57	53	eP	51 59.09	-0.2	
BIM	18.75	51	eP	52 00.73	-0.8	
FDF	18.82	51	eP	52 01.42	-1.0	
MVM	18.91	51	eP	52 01.93	-1.6	
DPMT	18.96	49	eP	52 05.87	1.8	
DTMT	18.97	49	iP	52 07.36	3.1X	
MDN	18.98	49	iP	52 06.05	1.6	
CRM	19.01	51	eP	52 03.15	-1.6	
PAG	19.24	46	eP	52 03.34	-4.2X	
MBET	19.37	44	eP	52 11.19	2.0	
SKI	19.40	41	eP	52 09.41	-0.1	
MGG	19.43	47	eP	52 06.34	-3.5X	
SFG	19.73	47	eP	52 08.30	-4.9X	
ARE	19.78	167	eP	52 13.00	-1.0	
BPA	19.79	44	eP	52 13.05	-0.8	
DEG	19.87	47	eP	52 10.74	-3.9X	
TPX	19.93	308	(P)	52 16.00	0.7	
LPAZ	20.63	158	ePc	52 18.88	-4.4X	
			ec	52 20.95		
LPB	20.86	158	iPc	52 22.00	-3.5X	
SCX	21.31	311	(P)	52 33.18	3.7X	
CCH	22.42	154	iPc	52 28.80	-12.3X	
SIV	23.93	142	P	52 53.50	-1.9	
OXX	24.70	306	(P)	53 11.25	8.1X	
LVVM	26.00	312	(P)	53 15.50	0.3	
MOCB	26.10	157	P	53 14.30	-2.2	
IISM	26.27	309	(P)	53 21.03	3.4X	
IIT	27.02	308	(P)	53 29.59	4.8X	
ACX	27.19	302	(P)	53 30.26	4.2X	
PPM	27.29	308	(P)	53 31.08	3.4X	
IIA	27.36	308	(P)	53 31.33	3.7X	
III	27.60	305	(P)	53 33.02	2.9X	
CRX	28.31	307	(P)	53 26.87	-9.8X	
MRX	29.68	306	(P)	53 53.54	5.0X	
HBF	30.13	353	(P)	53 51.88	-0.6	
SGS	30.41	353	eP	53 55.06	0.2	
CGX	31.54	304	(P)	54 09.38	4.1X	
PRM	31.56	350	ePc	54 05.26	0.2	
			e	54 08.05		
JSC	31.58	352	eP	54 04.92	-0.2	
AGX	31.71	309	(P)	54 12.63	6.2X	
MYNC	32.86	348	P	54 30.00	13.6X	
	Z 21s	64.02um				6.3Msz
CEH	32.93	355	(P)	54 17.16	0.2	
	1.0s	236.85nm				6.1mb
	Z 19s	64.86um				6.3Msz
BAO	33.33	124	eP	54 18.60	-2.2	
BLA	34.36	354	eP	54 29.81	0.4	
	1.0s	514.49nm				6.4mb
NAV	34.51	353	(P)	54 31.29	0.6	
CVL	34.97	357	eP	54 35.17	0.6	
ZON	34.98	169	e(P)	54 35.00	0.2	
MFTN	35.30	341	eP	54 38.60	1.2	
GRT	35.41	341	eP	54 38.58	0.2	
MIAR	35.44	335	iPc	54 36.97	-1.7	
	0.8s	160.54nm				6.0mb
	Z 21s	45.27um				6.2Msz
			ec	54 43.59		
IHA	35.99	174	eP	54 45.50	2.2	
PEL	36.22	172	ePd	54 43.50	-1.8	
MDZ	36.25	170	eP	54 45.50	-0.1	
SAN	36.53	172	eP-	54 43.60	-4.3X	
SOB1	37.05	109	eP	54 51.70	-0.9	
VVO	37.06	333	iPd	54 51.20	-1.1	
FVM	37.30	341	ePc+	54 52.97	-1.3	
	0.9s	731.03nm				6.5mb
	Z 22s	104.52um				6.6Msz
			PP	56 18.10		
TUL	37.57	333	iPc	54 56.00	-0.5	
CCM	37.64	340	iPc	54 55.96	-1.1	
	0.9s	306.50nm				6.1mb
			epP	54 59.76	13kmX	
			ec	55 02.00		
SIO	37.66	333	iPd	54 55.20	-2.2	
FNO	37.78	331	iPc	55 00.00	1.6	
SLM	37.84	342	P+	54 57.07	-1.7	
	Z 22s	225.42um				6.9Msz
TYS	37.84	341	(P)	54 56.75	-2.0	
			e	55 00.29		
PNJ	37.86	2	eP	54 58.01	-0.9	
PNJ	37.86	2	i(P)	55 00.62	1.7	
MEO	38.00	329	iPc	54 59.40	-0.8	
OCO	38.03	331	iPd	54 59.20	-1.3	
WMOK	38.06	329	iPc	54 59.48	-1.3	
	1.2s	959.58nm				6.4mb
	Z 21s	75.67um				6.5Msz
			epP	55 03.28	13kmX	
			ec	55 05.35		
TBR	38.09	2	eP	55 01.70	0.8	
CRNY	38.29	3	(P)	55 02.80	0.3	
LSCT	38.67	3	P	55 20.00	14.2X	
	Z 19s	67.44um				6.5Msz
BINY	39.11	0	iPc	55 10.26	0.8	
	1.3s	1100.72nm				6.4mb
	Z 21s	71.54um				6.5Msz
			ed	55 14.73		
			S	01 07.90		
ITR	39.27	108	eP	55 10.10	-1.0	
YSNY	39.45	357	iPc	55 12.91	0.6	
	0.9s	951.41nm				6.5mb
	Z 18s	37.16um				6.3Msz
			ed	55 17.13		
HRV	39.62	5	iPc	55 14.26	0.6	
	1.3s	823.49nm				6.3mb
	Z 19s	64.40um				6.5Msz
			ed	55 18.98		
ACO	39.78	330	iPd	55 14.00	-1.1	
XIN	40.01	108	eP	55 10.80	-6.5X	
			e	55 17.00		
DLA	40.07	354	P	55 17.30	-0.1	
TYNO	40.15	356	P	55 18.55	0.5	
LDN	40.21	354	P	55 18.40	-0.1	
STCO	40.21	356	P	55 19.28	0.8	
ELF	40.38	354	P	55 19.20	-0.7	
UFRS	40.53	146	eP	55 17.70	-3.6X	
ACTO	40.67	356	P	55 24.01	1.7	
WLVO	40.89	357	P	55 24.65	0.6	
LBNH	41.31	4	ePc+	55 28.36	0.8	
	1.4s	1545.11nm				6.5mb
	Z 19s	78.78um				6.6Msz
			e	55 31.31		
			S	01 48.11		
ALQ	42.57	322	ePc	55 38.70	0.5	
	1.3s	1915.87nm				6.7mb
	Z 21s	38.38um				6.3Msz
			e	55 41.71		
ANMO	42.57	322	iPc	55 38.99	0.8	
			epPc	55 42.64	12kmX	
GAC	42.62	1	eP	55 39.50	1.3	
TUC	43.78	316	iPc	55 49.75	1.7	
	1.3s	822.96nm				6.4mb
	Z 20s	100.46um				6.7Msz
			epPc	55 53.31	12kmX	
LMN	43.88	11	eP	55 49.00	0.5	
	1.0s	102.00nm				5.6mb
CBM	44.38	8	iPc	55 53.02	0.5	
	1.2s	568.39nm				6.3mb
	Z 21s	68.34um				6.5Msz
			ed	55 57.33		
GLD	45.21	328	eP	55 58.14	-1.4	
	1.3s	1135.97nm				6.7mb
GOL	45.25	328	iP	55 59.83	-0.1	
	1.1s	770.25nm				6.6mb
			epP	56 03.38	12kmX	
			e	56 06.78		
PV08	46.29	324	(P)	56 07.86	-0.5	
PV10	46.39	324	(P)	56 08.00	-1.0	
PV09	46.53	324	eP	56 08.72	-1.4	
			e	56 12.89		
GLA	47.05	314	eP	56 13.66	-0.3	
SRU	47.75	324	eP	56 19.23	-0.4	
			i	56 22.35		

06d 20h

RSSD 47.91 333 ePd 56 20.90 0.0
1.0s 747.12nm 6.7mb
MSU 48.37 322 eP 56 24.46 -0.1
i 56 27.64
EMUT 48.38 324 ePc 56 24.28 -0.3
PLM 48.67 313 eP 56 26.61 -0.3
ARUT 48.73 320 (P) 56 27.23 0.0
DAU 49.02 324 ePc 56 29.24 -0.4
i 56 32.56
PEC 49.15 314 ePc 56 30.68 0.3
1.1s 556.23nm 6.5mb
i 56 33.37
CSP 49.50 314 eP 56 33.80 0.7
GSC 49.61 315 iPc 56 34.32 0.3
epPc 56 37.96 12kmX
ec 56 40.36
SSK 49.69 314 eP 56 35.40 0.7
DUG 49.80 323 iP 56 35.46 0.0
1.2s 551.04nm 6.4mb
e 56 40.26
ULM 50.06 344 eP 56 37.50 0.4
TPNV 50.10 318 ePc 56 38.22 0.4
ePP 58 42.19
CALB 50.34 313 iPc 56 39.93 0.5
ed 56 44.24
SNCC 50.58 312 ePc 56 41.82 0.5
e 56 45.96
JAQ 50.72 0 eP 56 40.50 -1.5
HVU 50.78 325 (P) 56 41.78 -1.1
ISA 50.97 315 iPc 56 44.66 0.4
epPc 56 48.31 12kmX
ec 56 50.29
ec 56 51.62
ABL 51.11 314 (P) 56 45.43 -0.1
PTI 51.25 326 eP 56 45.73 -0.7
TNP 51.36 318 ePc 56 47.25 -0.2
HHAI 51.53 326 eP 56 46.19 -2.4
MTUM 51.89 317 (P) 56 51.32 -0.1
BCH 51.89 314 eP 56 51.59 0.2
BONR 52.02 318 eP 56 52.85 0.3
MLAC 52.21 317 iPc 56 54.31 0.4
epPc 56 57.78 12kmX
ec 57 00.10
PKEM 52.32 315 (P) 56 54.08 -0.4
MMPM 52.33 317 (P) 56 54.43 -0.5
i 56 57.61
PHAM 52.42 314 (P) 56 55.20 0.0
KVN 52.47 319 eP 56 56.01 0.3
CMB 53.48 317 iPc 57 02.48 -0.6
1.6s 310.00nm 6.0mb
Z 19s 28.00um 6.3Msz
epP 57 06.45 13kmX
ec 57 08.52
ePcPc 58 10.31
ePPc 59 05.31
ePPPc 00 15.31
ePPc 00 34.80
iS 04 39.31
ePS 04 51.31
i 05 16.31
SAO 53.60 315 eP 57 03.04 -0.9
1.3s 289.30nm 6.1mb
Z 19s 32.64um 6.4Msz
ARN 53.94 315 eP 57 05.66 -0.8
COE 54.00 315 eP 57 07.22 0.4
MHC 54.01 315 iPc 57 07.04 0.0
1.6s 1030.00nm 6.6mb
Z 20s 22.00um 6.2Msz
ipPc 57 19.19 43kmX
ePcPc 58 08.19
eS 04 46.19
ePS 04 58.19
ic 05 24.19
eLQ 10 50.19
eLR 13 12.19
STAN 54.42 315 ePc 57 10.14 0.3
1.3s 1420.00nm 6.8mb
Z 18s 20.00um 6.2Msz
ipPc 57 22.84 45kmX
iPcPc 58 17.84
eLR 13 10.84
HMR 54.51 316 (P) 57 11.00 0.5
BKS 54.68 316 eP 57 10.37 -1.5
1.9s 1240.00nm 6.6mb
Z 20s 21.00um 6.2Msz
ipPc 57 25.37 56kmX
ePcP 58 18.37
ePP 59 12.37
iS 04 56.37
iPS 05 05.37
i 05 33.37
e 06 28.37
eLQ 11 07.37
eLR 13 35.37
ORV 54.99 318 ePc 57 12.36 -1.7
1.5s 1700.00nm 6.8mb
Z 20s 24.00um 6.3Msz
ipPc 57 27.36 56kmX
ePcPc 58 21.36
ePPc 59 12.36
ePPP 00 53.36
ePP 00 53.65
eScP 02 06.36
iS 05 00.36
ePS 05 15.36
eScS 06 56.36
eSS 08 49.36
iLQ 11 08.36
eLR 12 40.36
NTYM 55.22 316 (P) 57 15.19 -0.5
MIN 55.45 319 iPc 57 15.99 -1.6
1.7s 700.00nm 6.4mb
Z 19s 32.00um 6.4Msz
epPc 57 29.70 50kmX
ePPc 00 43.29
iS 05 04.70
ePS 05 14.70
eSS 08 45.70
eLQ 11 04.70
eLR 13 02.70
LMEM 55.52 319 (P) 57 18.51 0.4
LBFM 56.14 319 ePc 57 21.45 -1.2
i 57 24.31
WDC 56.18 318 ePc 57 20.39 -2.3
0.7s 56.43nm 5.7mb
ec 57 23.04
ec 57 27.01
YBH 56.86 319 ePc 57 25.31 -2.4
1.2s 270.00nm 6.2mb
Z 19s 23.00um 6.3Msz
ipPc 57 38.62 48kmX
ePcP 58 12.62
ePP 59 33.62
ePPPc 01 14.62
eScPc 02 10.62
iS 05 21.62
iPS 05 33.62
eScS 07 13.62
eSS 08 55.62
iLQ 11 51.62
eLR 13 17.62
VIPM 57.01 323 P 57 29.32 0.5
JBO 57.09 325 P 57 30.28 1.2
KMPM 57.16 317 eP 57 29.70 -0.1
i 57 32.39
NEW 57.26 329 iPc 57 28.80 -1.5
1.2s 339.42nm 6.3mb
Z 20s 43.25um 6.6Msz
epPc 57 32.53 12kmX
ec 57 34.68
ec 57 36.42
ARC 57.35 318 ePc 57 29.71 -1.2
1.8s 2340.00nm 6.9mb
Z 19s 16.00um 6.1Msz
ipPc 57 44.42 54kmX
iPcP 58 38.42
iS 05 32.42
e 06 01.42
i 07 03.42
eLQ 12 05.42
eLR 13 39.42
CROR 57.49 324 P 57 32.92 0.9
DPW 57.59 328 eP 57 31.66 -1.0
i 57 34.40
PDA 57.62 46 P 57 34.00 1.1
VGB 57.66 324 eP 57 32.92 -0.2
e 57 35.70
WAH2 57.67 326 P 57 34.01 0.9
VBEM 57.89 323 P 57 35.90 1.0
DBO 57.90 321 P 57 35.22 0.3
SAW 58.14 327 P 57 36.58 0.1
SSOR 58.31 323 P 57 38.14 0.4
EBG 58.33 326 P 57 38.07 0.3
WTV 58.44 327 P 57 38.78 0.2
ASR 58.49 324 P 57 39.37 0.3
RNO 58.61 321 P 57 41.26 1.4
COR 58.68 322 iPc 57 40.18 0.0
ec 57 43.32
SHW 58.89 324 (P) 57 40.65 -1.2
e 57 43.25
LON 58.94 325 eP 57 41.10 -1.0
i 57 43.74
FMW 58.97 325 P 57 42.84 0.4
KMOR 59.33 323 P 57 44.33 -0.5
RMW 59.33 326 (P) 57 42.96 -1.9
i 57 46.06
MBO 59.37 75 eP 57 43.50 -1.9
BMW 59.62 324 (P) 57 45.74 -1.1
i 57 48.44
JCW 59.81 326 P 57 46.95 -1.1
GMW 59.94 325 eP 57 47.28 -1.6
i 57 50.06
ONR 60.15 324 P 57 51.19 0.9
CHIE 60.58 60 iPd 57 52.00 -1.6
MCW 60.58 326 eP 57 52.39 -0.9
i 57 55.15
STW 60.76 325 P 57 55.59 1.1
TBT 60.84 59 iPd 58 11.00 15.7X
FRB 60.95 4 eP 57 54.00 -1.4
1.0s 56.00nm 5.6mb
CTFE 62.21 59 iPc 58 05.00 0.4
GGC 62.67 60 iPd 58 22.80 15.1X
KDS 63.85 78 iP 58 13.50 -2.1
CFTV 64.07 60 iPc 58 15.30 -1.7
YKA 65.96 342 P 58 28.00 -0.5
0.7s 115.00nm 6.2mb
GDH 67.91 8 ePd 58 40.00 -0.8
0.9s 33.61nm 5.5mb
i 58 45.00
i 00 02.00
i 01 15.00
iS 07 36.00
LIS 70.25 50 eP 58 55.00 -0.7
INMG 70.28 50 e(P) 59 00.00 4.1X
TIO 70.35 58 iP 58 57.50 0.8
i 59 40.00
AVE 70.60 56 eP 58 58.00 0.0
i 59 08.00
MOE 70.82 50 eP 59 02.00 2.8
LIC 70.84 84 P 58 56.77 -3.0X
1.0s 133.50nm 6.0mb
Z 22s 80.00um 6.9Msz
TIC 70.84 84 P 58 56.71 -3.1X
1.1s 223.50nm 6.2mb
FIG 70.94 52 eP 59 00.40 0.4
KIC 71.12 84 P 58 58.63 -2.9
1.1s 285.00nm 6.3mb
COI 71.13 48 (P) 59 00.00 -1.0
PTO 71.19 47 eP 59 01.60 0.2
ePcP 59 21.20
eS 08 18.00
eSS 12 37.00
eSSS 16 12.00
eLQ 18 16.00
eLR 21 32.00
SIT 71.26 330 (P) 59 00.96 -0.5
1.3s 147.30nm 5.9mb
i 59 03.37
EZAM 71.36 46 iPd 59 03.53 1.1
STS 71.63 46 iPd 59 04.53 0.5
1.7s 5.00nm 4.3mb X
MTE 71.83 48 eP 59 06.60 1.3
EVAL 71.88 51 eP 59 06.48 0.8
SFS 72.11 53 iP 59 05.00 -2.0
ePP 01 45.00
ePPP 03 33.00
iS 08 33.00
iPS 09 20.00
eSS 13 55.00
LQ 20 30.00
LR 23 25.00
CNIL 72.21 53 iPd 59 13.00 5.4X
MVO 72.36 48 eP 59 08.00 -0.5
GIBL 72.37 52 eP 59 15.00 6.4X
PLAT 72.41 53 iPd 59 13.00 4.2X
IFR 72.52 56 iPc 59 12.00 2.3
i 59 20.00
ERUA 72.54 46 iPc 59 09.46 0.0
RES 72.55 355 eP 59 09.00 0.1
1.0s 45.00nm 5.5mb
ALJ 72.62 53 iPd 59 16.00 5.8X

EMON	72.63	45	eP	59 09.94	-0.1
EJIF	72.69	53	iPc	59 10.42	0.0
RUV	72.81	253	iPc	59 12.20	0.8
	1.7s	1294.00nm			6.7mb
LIJA	72.81	52	eP	59 18.00	6.7X
EPLA	72.85	49	iPc	59 11.03	-0.4
VAL	72.96	36	iP	59 13.00	1.3
	1.9s	8.80nm			4.5mb X
			S	08 40.00	
EPRU	72.96	52	eP	59 11.99	-0.1
TPT	73.01	253	iPc	59 13.60	1.0
	1.9s	1417.20nm			6.7mb
VAH	73.05	253	iPc	59 13.60	0.8
	1.6s	1039.80nm			6.7mb
EHOR	73.09	51	iPc	59 12.46	-0.3
PMO	73.27	253	iPc	59 15.00	0.9
	1.8s	1436.30nm			6.7mb
ELUQ	73.82	52	eP	59 17.61	0.5
ELOJ	73.84	52	iPc	59 17.29	0.0
PAB	74.07	50	(P)	59 17.36	-1.2
			eppd	59 21.99	15kmX
			ed	59 26.63	
ERON	74.10	52	iPd	59 19.37	0.6
EGUA	74.26	53	iPc	59 20.20	0.6
EBAN	74.29	51	iPd	59 20.97	1.2
ECOG	74.33	52	eP	59 20.84	0.7
YKU	74.39	332	eP	59 23.60	3.8X
	1.3s	500.10nm			6.4mb
AKU	74.61	21	iPd	59 23.50	2.5
	1.2s	187.50nm			6.0mb
			i	02 00.00	
TVO	74.94	251	iPc	59 24.80	0.9
	1.6s	736.30nm			6.5mb
PPN	75.08	251	iPc	59 25.30	0.7
	1.8s	1512.30nm			6.7mb
DCN	75.10	35	eP	59 23.50	-0.5
	1.2s	1054.00nm			6.7mb
EHUE	75.17	52	iPc	59 25.15	0.2
PPT	75.22	251	iPc	59 26.30	0.9
	1.6s	917.90nm			6.6mb
PAE	75.24	251	iPc	59 26.30	0.8
	1.3s	1028.20nm			6.7mb
EVIA	75.35	51	iPc	59 26.14	0.1
ENIJ	75.36	53	iPd	59 26.62	0.7
AFR	75.41	251	iPc	59 27.30	0.8
	1.1s	369.20nm			6.3mb
DLF	75.52	36	eP	59 25.70	-0.7
INK	75.72	341	eP	59 26.50	-0.9
	0.9s	73.00nm			5.7mb
ECRI	75.94	47	eP	59 30.54	1.3
ETOR	76.01	49	iPd	59 29.57	-0.1
EALH	76.09	52	eP	59 32.23	2.1
BALM	76.13	333	eP	59 29.34	-0.7
			e	59 32.15	
			ePP	02 22.36	
ECHE	76.66	50	iPd	59 34.56	1.2
ELIZ	76.74	46	iPd	59 33.81	0.2
ACU	76.96	51	eP	59 36.20	1.2
BOH	77.10	47	P	59 35.33	-0.4
MBC	77.11	350	eP	59 34.50	-0.5
	1.0s	119.00nm			5.9mb
ELYF	77.13	46	P	59 35.25	-0.6
MADF	77.25	47	P	59 35.33	-1.1
ISSF	77.25	47	P	59 36.24	-0.3
ATE	77.33	47	P	59 37.24	0.4
ESCF	77.42	47	P	59 37.24	-0.2
EGRA	77.49	48	iPc	59 41.30	3.6X
OGE	77.50	47	P	59 37.33	-0.5
MID	77.54	330	e(P)	59 41.00	3.4X
	0.7s	178.20nm			6.3mb
JAU	77.56	47	P	59 38.25	-0.1
LPF	77.83	42	iPd	59 38.30	-1.2
	1.5s	768.85nm			6.6mb
EROQ	77.86	49	eP	59 41.69	1.9
ESK	77.89	34	ePc	59 39.35	-0.3
			epP	59 43.24	12kmX
EKA	77.92	34	P	59 38.00	-1.8
	1.6s	366.40nm			6.2mb
KLU	77.92	333	(P)	59 38.77	-1.1
			e	59 41.50	
			ePP	02 37.02	
GRR	78.01	41	eP	59 40.10	-0.4
	1.5s	1190.90nm			6.8mb
EPF	78.08	47	iPd	59 40.30	-0.7
	1.6s	587.05nm			6.4mb
TOA	78.21	333	eP	59 41.20	-0.2
	1.8s	1411.00nm			6.7mb
MFF	78.22	43	iPd	59 40.70	-0.9
	1.6s	1079.60nm			6.7mb
FLN	78.32	41	iPd	59 41.10	-1.1
	1.5s	1182.50nm			6.7mb
Z	24s	79.00um			7.0MszX
LDF	78.53	41	eP	59 42.20	-1.1
	1.5s	1278.65nm			6.8mb
LFF	78.60	45	iPd	59 42.70	-1.1
	1.6s	815.90nm			6.5mb
LPO	78.89	45	iPd	59 44.20	-1.2
	1.6s	801.00nm			6.5mb
PAND	78.90	47	P	59 48.21	2.4
RJF	79.19	45	iPd	59 45.80	-1.3
	1.5s	635.15nm			6.4mb
Z	21s	60.00um			6.9Msz
LSF	79.32	44	iPd	59 46.40	-1.3
	1.7s	985.20nm			6.5mb
PMR	79.43	332	eP	59 46.51	-1.4
	1.4s	142.04nm			5.8mb
Z	20s	24.37um			6.5Msz
			e	59 49.29	
			ePP	02 50.13	
MHA	79.47	290	eP	59 51.32	2.3
CAF	79.54	45	iPd	59 47.90	-1.1
	1.5s	607.95nm			6.4mb
PMS	79.55	332	ePd	59 49.30	0.6
	1.5s	217.90nm			5.9mb
ESEL	79.65	50	P	59 51.02	1.4
	1.2s	690.40nm			6.5mb
COL	79.68	336	iPc	59 48.18	-1.1
	0.8s	78.45nm			5.8mb
			ed	59 52.98	
FBA	79.68	336	eP	59 47.95	-1.3
	0.9s	14.08nm			5.0mb X
			e	59 50.32	
SLKM	79.70	331	(P)	59 48.34	-1.2
			i	59 50.88	
ALE	79.77	2	iPc	59 48.25	-1.2
			epPd	59 52.80	14kmX
TCF	79.79	44	iPd	59 49.00	-1.3
	1.5s	447.10nm			6.2mb
PWA	79.79	332	eP	59 51.10	1.2
	2.0s	441.30nm			6.1mb
ETER	79.84	48	P	59 53.11	2.5
	1.2s	331.00nm			6.2mb
DAG	80.01	11	iPc+	59 50.80	-0.1
	1.0s	87.00nm			5.7mb
MAF	80.03	44	iPd	59 50.30	-1.3
	1.6s	656.70nm			6.4mb
JNW	80.09	18	eP	59 54.00	2.6
HYF	80.19	43	iPd	59 51.50	-0.9
BGF	80.26	43	iPd	59 51.60	-1.2
	1.6s	905.45nm			6.5mb
PYM	80.29	44	P	59 52.04	-1.0
KDC	80.31	328	(P)	59 50.99	-1.7
	2.5s	598.25nm			6.1mb
			e	59 53.95	
AGO	80.40	44	P	59 52.22	-1.3
LBL	80.40	45	P	59 53.04	-0.6
AVF	80.63	43	iPd	59 53.20	-1.5
	1.6s	694.05nm			6.4mb
PLDF	80.73	44	P	59 54.34	-1.1
SSF	80.76	43	iPd	59 53.80	-1.6
	1.6s	733.85nm			6.4mb
CP2	80.82	332	ePc	59 54.35	-1.4
			i	59 56.54	
SMF	80.95	43	iPd	59 55.00	-1.4
	1.5s	864.95nm			6.6mb
LOR	81.02	43	iPd	59 55.30	-1.5
	1.4s	548.90nm			6.4mb
Z	22s	29.00um			6.6Msz
LBF	81.07	43	iPd	59 55.40	-1.7
	1.5s	393.85nm			6.2mb
DHH	81.26	291	(P)	00 00.15	1.7
DOMF	81.30	40	P	59 57.75	-0.4
SSB	81.32	45	P	59 58.38	0.0
HON	81.44	291	P	00 10.00	10.6X
Z	21s	32.90um			6.7Msz
OPA	81.46	291	(P)	00 01.85	2.4
KIP	81.46	291	(P)	59 58.81	-0.7
	1.0s	170.36nm			6.1mb
SNF	81.61	40	iPc	59 59.20	-0.5
UCC	81.69	39	P-	00 00.00	-0.1
			s	10 13.00	
			e	10 31.00	
DOU	81.77	40	P	00 00.50	-0.1
			S	10 11.00	
CDR	82.08	46	ePc	00 02.30	-0.1
DBN	82.32	38	eP	00 06.00	2.6
Z	20s	54.90um			6.9Msz
			iS	10 21.00	
IMA	82.33	336	P	00 02.00	-1.4
	1.6s	249.96nm			6.1mb
SVW	82.41	331	P	00 02.00	-1.8
	0.8s	250.42nm			6.4mb
LRG	82.50	47	iPd	00 03.90	-0.6
	1.7s	876.40nm			6.6mb
Z	23s	75.00um			7.0MszX
LMR	82.60	47	iPd	00 04.30	-0.7
	1.6s	850.75nm			6.6mb
CHDN	82.65	46	iPc	00 05.10	-0.3
ENN	82.67	39	eP	00 05.00	-0.3
	1.0s	378.00nm			6.5mb
			e	03 15.00	
FRF	82.71	47	iPd	00 04.80	-0.8
	1.4s	606.40nm			6.6mb
MEM	82.71	40	iPc	00 05.58	0.1
	1.5s	138.00nm			5.9mb
WLF	82.74	40	Pc	00 05.00	-0.6
			e	10 37.00	
HAU	82.76	42	iPd	00 04.60	-1.2
	1.6s	602.00nm			6.5mb
Z	23s	28.00um			6.6MszX
RSL	82.81	44	P	00 06.07	-0.2
TTA	82.84	333	eP	00 04.06	-2.0
	1.5s	92.80nm			5.7mb
			e	00 07.11	
LPL	82.87	45	iPd	00 06.50	-0.2
	1.4s	341.55nm			6.3mb
RRL	82.88	45	P	00 06.99	0.2
LPG	82.88	45	iPd	00 06.70	-0.2
	1.6s	766.15nm			6.6mb
CALN	82.89	46	P	00 06.65	-0.1
SUE	83.01	29	eP	00 11.93	5.2X
LOMF	83.04	43	P	00 06.83	-0.6
EMS	83.04	44	ePd	00 06.90	-0.7
BSF	83.04	42	iPd	00 05.90	-1.5
	1.3s	379.80nm			6.4mb
KMY	83.05	31	eP	00 08.35	1.4
	1.6s	354.60nm			6.3mb
			e	00 14.46	
PZZ	83.08	46	P	00 07.99	0.3
MVIF	83.09	46	P	00 07.54	-0.3
EGD	83.15	30	eP	00 09.51	2.0
	2.0s	691.50nm			6.5mb
			e	00 14.79	
ASK	83.16	30	eP	00 10.15	2.6
TOUF	83.17	46	P	00 08.21	0.0
LSD	83.17	45	P	00 08.77	0.5
DOI	83.19	46	P	00 00.83	-7.4X
FOO	83.21	28	eP	00 09.68	1.9
			e	00 14.64	
BHB	83.21	45	P	00 07.86	-0.4
BER	83.22	30	eP	00 09.15	1.3
AURF	83.22	46	P	00 08.02	-0.4
RSP	83.22	45	P	00 08.73	0.3
STV	83.23	46	P	00 08.04	-0.4
REVF	83.24	46	P	00 08.54	0.1
MOF	83.27	42	P	00 07.78	-0.8
AUTN	83.29	46	P	00 08.71	-0.2
SBF	83.29	46	iPd	00 07.80	-0.9
	1.6s	995.00nm			6.8mb
ENR	83.30	46	P	00 08.04	-0.7
ECH	83.31	42	P	00 08.21	-0.5
DIX	83.37	44	ePd	00 09.10	-0.3
SAOF	83.39	46	P	00 08.95	-0.2
CDF	83.40	42	iPd	00 07.90	-1.3
	1.6s	771.15nm			6.7mb
WLS	83.45	42	P	00 08.95	-0.5
BNS	83.48	39	ePd	00 08.70	-0.7
	1.6s	390.00nm			6.4mb
Z	20s	58.00um			6.9Msz
BBS	83.51	43	P	00 09.18	-0.5
LIBD	83.60	42	P	00 09.88	-0.2
ROB	83.62	46	P	00 09.60	-0.8
BLS5	83.69	31	eP	00 11.96	1.6
	2.0s	593.30nm			6.5mb
			e	00 18.93	
HYA	83.71	29	eP	00 12.13	1.8
STR	83.73	42	P	00 11.05	0.3
ORO	83.75	45	P	00 10.13	-1.0
MMK	83.76	44	ePd	00 11.30	0.0
LANF	83.78	41	P	00 11.05	0.0
SRBF	83.81	41	P	00 11.31	0.2

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FIN 83.86 46 P 00 10.51 -1.1
FEL 83.87 42 P 00 11.05 -0.6
HOFF 83.88 41 P 00 11.77 0.3
CKI 83.92 46 P 00 11.31 -0.5
ZLA 84.11 43 ePd 00 12.00 -0.8
PCP 84.12 46 P 00 12.11 -0.8
SLE 84.19 42 ePd 00 12.30 -0.8
BRW 84.26 341 eP 00 11.46 -1.5
e 00 14.64
VAI 84.31 44 P 00 12.77 -0.9
TMA 84.39 44 ePd 00 13.30 -1.1
PGF 84.40 48 iPd 00 13.30 -1.1
1.2s 298.70nm 6.4mb
SDN 84.45 325 eP 00 13.30 -0.9
0.8s 232.96nm 6.5mb
Z 21s 12.80um 6.3Msz
e 00 16.12
CGL 84.57 51 P 00 15.31 0.0
BOB 84.77 45 P 00 16.12 0.0
VDL 84.82 44 ePd 00 16.00 -0.5
MUD 84.94 34 iP 00 18.00 1.4
1.4s 1023.00nm 6.9mb
MDI 84.97 44 P 00 16.32 -0.7
RAR 85.19 249 eP 00 18.99 0.4
OSS 85.28 44 ePd 00 18.30 -0.5
KONO 85.30 31 (P) 00 19.17 0.8
1.3s 239.50nm 6.2mb
pPd 00 22.73 11kmX
PII 85.53 47 P 00 18.85 -1.0
SAL 85.54 45 P 00 19.90 0.0
BDI 85.58 46 P 00 19.01 -1.2
OGA 85.89 43 eP 00 22.30 0.4
MOTA 85.95 43 iPd 00 21.20 -0.9
SQTA 86.02 43 iPd 00 21.80 -0.6
1.7s 951.00nm 6.7mb
i 00 31.40
i 26 15.20
i 26 27.70
GRF 86.03 41 ePd 00 22.30 0.0
1.9s 618.50nm 6.5mb
Z 30s 50.70um 6.7MszX
i(pP) 00 27.30 16kmX
FUR 86.06 42 eP 00 22.20 -0.3
2.9s 2274.00nm 6.8mb
Z 23s 28.00um 6.6MszX
eSKS 10 51.90
NB2 86.14 29 P 00 23.20 0.6
1.2s 379.10nm 6.5mb
WATA 86.27 43 iPd 00 22.70 -1.0
i 03 18.50
i 26 28.30
MOX 86.29 40 iPc+ 00 23.70 0.2
2.0s 797.00nm 6.6mb
Z 22s 12.00um 6.3Msz
ePP 03 49.00
iS 10 55.00
ePS 12 00.00
eSS 16 40.00
eP'P' 26 27.80
WTTA 86.31 43 iPd 00 23.10 -0.8
1.5s 681.00nm 6.6mb
i 00 37.80
i 03 18.70
i 26 17.10
i 26 28.90
CTI 86.33 44 P 00 23.45 -0.5
PGD 86.39 46 P 00 23.40 -1.0
SFI 86.49 46 P 00 23.70 -0.9
NSS 86.53 26 eP 00 25.37 1.0
1.2s 569.60nm 6.7mb
e 00 32.36
CRE 86.56 47 P 00 23.87 -1.3
KBS 86.77 11 eP 00 26.50 1.1
e 10 55.00
e 23 11.00
VVI 86.86 44 P 00 26.82 0.4
RSM 86.92 46 P 00 28.01 1.3
ASS 87.09 47 P 00 26.43 -1.2
ANM 87.09 334 (P) 00 27.51 0.4
FVI 87.10 44 P 00 27.51 0.0
WET 87.12 41 iPd 00 27.60 0.0
MNS 87.12 48 P 00 27.38 -0.4
BHG 87.15 43 eP 00 27.50 -0.3
RMP 87.15 48 P 00 30.25 2.3
CLL 87.16 39 iPd 00 27.30 -0.4
2.0s 1000.00nm 6.7mb
iS 11 07.00

P'P' 26 25.00
RDP 87.16 48 P 00 28.37 0.3
LOF 87.16 22 eP 00 28.11 0.7
1.6s 660.70nm 6.6mb
e 00 34.99
BRN 87.26 38 eP 00 30.00 1.9
ARV 87.29 47 P 00 27.51 -1.0
SNA 87.29 161 iPd 00 26.40 -1.6
0.5s 70.00nm 6.2mb
CVT 87.32 53 P 00 31.62 2.8X
BRNL 87.35 38 eP 00 29.60 1.0
eS 11 00.00
HFS 87.37 30 eP 00 28.80 0.3
1.3s 424.70nm 6.6mb
Z 20s 33.53um 6.7Msz
LR 29 27.00
KBA 87.48 43 iPd 00 28.80 -0.8
1.4s 523.00nm 6.6mb
i 00 43.10
i 03 23.00
i 03 33.00
i 03 51.40
i 26 11.70
MOR8 87.56 24 eP 00 30.72 1.3
1.4s 356.10nm 6.5mb
e 00 37.38
KHC 87.58 41 Pd 00 30.00 0.1
1.3s 404.00nm 6.6mb
Z 18s 13.00um 6.4Msz
N 18s 4.20um
E 18s 9.00um
e 00 39.50
e 00 45.50
S 11 12.00
AQU 87.66 48 P 00 30.12 -0.3
GEC2 87.67 41 P 00 30.10 -0.3
1.9s 461.40nm 6.5mb
e 00 31.30
e 00 34.40
e 00 47.20
e 03 18.60
e 03 23.60
e 03 26.70
e 03 35.80
PKKP 18 16.50
e 26 13.20
BRG 87.76 39 iPc 00 31.40 0.8
1.7s 700.00nm 6.7mb
i 00 36.00
iSKS 11 05.00
iS 11 16.00
e 18 20.00
eP'P' 26 24.00
TRI 87.81 45 eP 00 31.00 0.1
e 04 28.00
e 11 03.00
eS 11 17.00
eSP 12 08.00
e 12 44.00
eSPP 13 08.00
eSS 17 12.00
eSSS 20 40.00
e 23 40.00
VOY 87.89 44 eP 00 31.30 -0.2
i 00 33.00
i 00 36.50
eSKS 11 04.00
KMR 87.98 42 iP- 00 31.90 0.2
iS 11 12.40
FAI 88.04 53 P 00 34.72 2.5
RFI 88.13 49 P 00 34.04 1.5
PRU 88.17 40 eP 00 33.30 0.7
1.7s 654.00nm 6.7mb
Z 28s 30.00um 6.6MszX
N 32s 17.20um
E 27s 28.30um
e 00 42.40
eS 11 21.20
BSD 88.18 35 iPc 00 33.50 1.0
1.3s 274.00nm 6.4mb
RIY 88.26 45 eP 00 32.60 -0.5
GIB 88.29 52 P 00 34.34 0.8
LJU 88.33 44 eP 00 33.50 0.0
1.5s 89.00nm 5.9mb
e 00 38.00
e 00 56.40
e 02 35.70

e 04 34.80
eSKS 11 04.00
eS 11 18.00
eS 11 21.00
e(sS) 11 33.80
DUI 88.47 49 P 00 34.68 0.3
BJO 88.62 16 eP 00 34.33 0.0
FG2 88.99 48 P 00 38.04 1.3
TRO 89.03 20 eP 00 37.10 0.8
MEU 89.05 53 P 00 39.27 2.0
SGO 89.16 50 P 00 37.86 0.3
FG4 89.29 49 P 00 34.49 -3.7X
PTJ 89.33 44 iP 00 38.50 0.1
DPC 89.35 40 ePd 00 38.36 0.0
epPd 00 42.83 14kmX
UPP 89.36 30 iP 00 39.20 1.2
i 00 41.70
iSKS 11 02.00
iS 11 26.00
ZAG 89.36 44 iPc 00 38.90 0.5
MGR 89.37 50 P 00 37.88 -0.7
VKA 89.43 42 eP 00 37.00 -1.7
5.7s 3828.00nm 6.9mb X
Z 19s 10.60um 6.3Msz
i 00 38.70
LR 43 30.00
GMB 89.73 52 P 00 40.66 0.2
HVAR 89.86 47 iP 00 42.30 1.5
SOI 89.89 52 P 00 46.45 5.5X
ZST 89.96 42 iP 00 40.90 -0.2
eS 11 30.10
e 26 24.40
TDS 90.00 50 P 00 42.15 0.6
ORI 90.06 50 P 00 43.52 1.7
GRI 90.12 51 P 00 40.81 -1.3
OKC 90.51 40 P 00 44.90 1.3
e 00 53.50
e 04 20.80
SKS 11 18.00
(S) 11 42.00
BRT 90.58 49 P 00 46.36 2.2
SRO 90.80 42 eP 00 45.40 0.4
LCI 91.19 50 P 00 49.97 3.0X
BUD 91.31 43 eP 00 47.00 -0.4
BRY 91.41 47 iPd 00 47.88 -0.2
HCY 91.42 48 iPd 00 47.32 -0.7
BDV 91.67 48 iPd 00 49.05 -0.1
NKY 91.75 47 iPd 00 50.05 0.4
KEV 91.79 20 ePc 00 48.08 -1.1
1.3s 55.87nm 5.8mb
epPd 00 52.38 13kmX
TTG 91.98 48 iPd 00 50.79 0.3
PLE 91.99 47 eP 00 51.41 0.7
ULC 92.02 48 iPd 00 50.64 -0.1
ILT 92.06 338 iPc 00 50.00 -0.4
1.9s 160.00nm 6.1mb
Z 20s 24.00um 6.6Msz
N 23s 21.00um
E 20s 12.00um
iS 11 20.00
SDF 92.09 22 iP 00 51.20 0.6
SDA 92.19 48 eP 00 52.10 0.6
LACI 92.39 48 eP 00 53.00 0.5
IVA 92.40 47 iPd 00 53.44 0.8
PVY 92.49 47 iPd 00 53.93 0.9
TIR 92.54 49 eP 00 56.00 2.8X
NUR 92.75 29 iP 00 54.60 0.9
0.9s 66.70nm 6.1mb
Z 22s 34.00um 6.8Msz
e 04 11.00
e 11 26.00
eS 11 58.00
e 18 10.00
LR 37 50.00
SRN 92.80 50 iPc 00 57.20 2.9X
SPA 92.90 180 eP 00 55.00 0.5
1.4s 165.69nm 6.3mb
Z 22s 58.51um 7.0MszX
IGT 93.09 50 iP 00 58.24 2.5
KAF 93.21 27 iP 00 56.60 0.8
1.1s 102.40nm 6.2mb
LSK 93.23 50 eP 00 49.50 -7.0X
KBN 93.31 49 eP 00 56.50 -0.3
UZH 93.35 41 iPc 00 57.00 0.3
Z 21s 22.00um 6.6Msz
N 21s 8.00um
E 21s 13.00um

e 01 00.20
e 04 40.00
e 11 30.00
i 12 04.00
eSSS 21 55.00
CEI 93.59 42 eP 01 06.00 8.1X
FNA 93.74 49 iP 00 59.29 0.5
WIN 94.02 112 iPd 01 02.00 1.4
1.2s 90.00nm 6.0mb
Z 20s 128.00um 7.4Msz
GZR 94.14 44 ePd 01 01.00 0.4
DEV 94.16 44 iPc 01 04.00 3.5X
ADK 94.27 322 eP 01 00.42 -0.5
1.0s 80.63nm 6.1mb
LVV 94.29 40 iP+ 01 02.00 0.9
Z 20s 30.60um 6.8Msz
N 20s 22.20um
E 20s 25.20um
ePPP 06 50.00
iS 11 36.00
i 12 15.00
ePS 13 30.00
BCAO 94.35 85 iPc 01 01.00 -1.1
1.6s 156.00nm 6.2mb
i 04 50.10
GRG 94.49 49 eP 01 04.92 2.7
LIT 94.67 50 eP 01 02.64 -0.4
AGG 94.69 51 eP 01 05.36 2.2
KNT 94.83 48 eP 01 06.42 2.7
THE 94.96 49 eP 01 07.20 2.9X
LVZ 94.98 21 eP 01 05.70 1.7
e 04 46.30
SOH 95.22 49 eP 01 06.04 0.4
SRS 95.36 48 eP 01 08.16 2.0
PAIG 95.60 50 iP 01 07.72 0.5
MNK 95.65 35 eP 01 09.00 1.8
e 05 02.00
eSSS 22 40.00
PUL 95.67 29 eP 01 08.00 0.8
2.0s 150.00nm 6.1mb
e 01 11.00
e 05 03.00
e 11 44.00
eS 12 21.00
ePS 13 45.00
CMP 95.74 44 eP 01 15.00 7.1X
OUR 95.77 49 eP 01 08.16 0.1
MLR 96.32 44 eP 01 12.50 1.8
BUC1 96.59 45 eP 01 10.00 -1.7
POF 96.65 119 iPd 01 13.50 1.3
1.5s 52.00nm 5.9mb
VRI 96.79 43 eP 01 13.50 0.9
ISR 96.81 44 eP 01 10.50 -2.2
ALN 97.23 48 iP 01 08.00 -6.6X
KIS 98.00 42 iPd- 01 19.00 1.1
2.0s 500.00nm 6.8mb
i 11 55.00
SBA 98.40 191 eP 01 22.50 3.3X
OBN 100.36 33 ePdiff01 27.51 -0.9
1.9s 154.00nm 6.2mb
Z 21s 57.20um 7.1Msz
N 24s 9.70um
E 22s 38.10um
MOS 100.67 32 ePdiff01 31.00 1.2
2.0s 560.00nm 6.8mb
Z 21s 20.30um 6.6Msz
N 21s 5.20um
E 21s 15.60um
i 05 38.00
ePPP 07 49.00
i 12 09.00
eS 13 05.00
iSS 20 01.00
FRS 101.32 120 ePdiff01 41.50 8.2X
BOSA 101.46 118 ePdiff01 35.90 1.9
SIM 102.06 43 ePdiff01 48.00 11.7X
e 05 48.00
e 12 16.00
ePS 14 46.00
BLF 102.11 119 ePdiff01 36.00 -1.1
SLR 104.18 116 ePdiff01 32.00 -14.4X
Z 18s 117.00um 7.5Msz
ANN 104.24 42 ePdiff01 53.00 7.1X
Z 23s 15.00um 6.5MszX
N 23s 16.00um
e 06 03.00
i 12 29.00

eSS 21 06.00
SOC 106.31 43 ePdiff01 58.00 2.8X
NRIL 106.96 6 ePdiff01 57.19 -0.3
PET 107.96 329 ePdiff02 00.00 -2.3X
e 12 42.00
e 13 10.00
e 15 52.00
e 21 48.00
KIV 108.18 42 ePdiff02 05.20 1.5
Z 24s 11.20um 6.3MszX
eS 12 45.40
e 15 56.20
PYA 108.39 42 ePdiff02 03.00 -1.5
i 12 50.00
iPS 16 02.00
iPPS 17 08.00
iSS 22 06.00
ARU 110.38 25 ePdiff02 13.01 0.0
SVE 110.95 24 ePdiff02 14.00 -1.5
Z 22s 25.50um 6.8Msz
N 22s 4.60um
E 22s 16.00um
ePPP 09 13.00
i 12 54.00
iPS 16 24.00
eSS 22 20.00
YAK 112.31 347 ePdiff02 38.20 16.7X
Z 20s 19.30um 6.7Msz
N 20s 18.90um
E 20s 15.10um
e 13 03.00
e 16 36.00
NAI 112.89 90 ePKP 06 14.00 -6.5X
BAK 114.54 43 ePKP 06 20.00 -2.6X
Z 18s 26.50um 6.9Msz
N 18s 44.84um
E 20s 29.26um
KER 115.06 50 e(PKP)06 19.00 -5.0X
CSY 116.58 183 ePKP 06 27.70 2.0
1.1s 4.80nm
iPP 07 34.90
BOD 118.87 354 ePKP 06 30.10 -0.2
0.9s 19.00nm
YSS 119.73 330 ePKP 06 28.00 -4.2X
e 06 35.60
i 07 56.00
KUSJ 121.31 326 ePKP 06 35.10 -0.3
ASH 121.43 41 ePKP 06 36.00 0.2
2.0s 280.00nm
Z 25s 23.30um 6.7MszX
e 08 05.00
ePPP 10 47.00
e 13 31.00
e 13 43.00
e 17 50.00
e 18 06.00
eSS 24 48.00
ASAJ 121.76 328 PKP 06 37.70 1.5
MAIO 123.10 42 iPKPc 06 38.00 -1.2
i 08 18.00
MRRJ 123.75 327 ePKP 06 41.80 1.7
TAU 124.58 218 ePdiff03 14.68 -1.9
CIT 124.68 353 ePKP 06 43.00 1.3
Z 24s 33.25um 6.9MszX
IRK 125.02 360 iPKP 06 41.00 -1.3
2.0s 126.00nm
e 08 26.00
e 20 04.00
e 25 24.00
OFUJ 125.67 324 ePKP 06 43.70 -0.3
HIA 126.25 347 ePKPc 06 44.22 -0.6
RIV 126.35 229 ePKP 06 50.00 4.6X
Z 18s 0.55um 5.3MszX
e 14 49.00
e 15 11.00
ePS 18 52.00
eSS 25 45.00
ZAK 126.91 1 ePKP 06 45.00 -0.9
1.6s 171.00nm
e 08 40.00
e 13 47.00
e 25 52.00
CNB 127.04 227 iPKPc 06 48.60 1.7
0.9s 53.00nm
YAMJ 127.23 324 ePKP 06 48.00 1.0
CAN 127.30 227 ePKP 06 47.20 -0.1
FRU 127.32 27 ePKP 06 48.00 0.9

2.2s 270.00nm
e 08 45.00
MDJ 127.42 337 ePKPc 06 46.53 -0.6
VLA 127.70 334 iPKPc 06 48.00 0.3
1.8s 1900.00nm
i 08 48.00
AAA 127.99 25 iPKP 06 49.00 0.6
i 08 52.00
e 19 00.00
BWA 128.14 227 ePKP 06 49.10 0.2
KAKJ 128.45 322 ePKP 06 48.90 -0.5
NIIJ 128.46 324 PKP 06 48.70 -0.7
TOO 128.65 222 ePKP 06 51.00 1.2
0.5s 27.00nm
e 08 57.00
CHJJ 129.27 323 PKP 06 51.60 0.6
MAJO 129.40 324 ePKP 06 49.85 -1.4
MAT 129.40 324 ePKP 06 51.00 -0.2
Z 20s 17.73um 6.8Msz
MTMJ 129.61 324 PKP 06 52.70 1.0
IIDJ 130.30 323 ePKP 06 52.50 -0.5
WMQ 131.24 16 ePKP 06 54.57 0.0
TSRJ 131.39 325 PKP 06 50.90 -4.1X
WKYJ 132.55 324 PKP 06 59.00 1.7
YONJ 133.07 326 PKP 06 59.50 1.3
TKSJ 133.62 325 ePKP 06 53.30 -6.0X
SHK 133.99 327 ePKP 06 56.00 -4.0X
STKA 134.37 227 iPKPc 07 00.40 -0.4
1.3s 81.50nm
iPP 09 32.60
ADE 134.64 221 e(PKP)07 02.90 1.6
CTA 135.35 244 iPKPd 07 03.00 0.0
1.5s 250.00nm
e 07 15.00
ePP 09 39.00
e(PPP)10 26.00
e 16 42.50
e 18 11.00
e(SKS)22 00.00
BJI 135.80 347 ePKP 07 03.00 -0.2
Z 28s 30.45um 6.9MszX
N 22s 19.94um
ePP 09 25.00
ePKS 10 38.00
e 21 24.00
eSS 26 54.00
GUMO 136.22 293 e(PKP)07 00.10 -4.6X
1.4s 138.90nm
e 07 09.50
KUMJ 136.50 326 ePKP 07 04.90 0.1
PMG 136.59 259 ePKP 07 07.00 1.6
LAT 136.94 263 e(PKP)07 09.20 3.1X
KAGJ 137.47 325 ePKP 07 07.60 0.9
NDI 139.43 37 ePKP 07 12.00 1.7
LZH 141.20 0 PKP 07 07.00 -6.5X
Z 28s 38.22um 7.0MszX
E 22s 18.03um
sPKP 07 20.00
PP 10 10.00
PKS 10 40.00
SS 28 40.00
SSE 142.40 335 PKP- 07 10.00 -5.5X
Z 20s 19.40um 6.9Msz
N 22s 15.00um
E 24s 24.00um
pPKP 07 19.40
sPKP 07 22.50
PP 10 20.00
PYUN 143.16 32 PKP 07 12.43 -4.8X
1.4s 974.00nm
DANN 143.35 31 PKP 07 13.55 -4.1X
0.7s 217.00nm
POO 143.50 53 iPKPd 07 12.40 -5.4X
KOLN 143.74 31 PKP 07 13.95 -4.3X
1.8s 1696.00nm
GKN 144.08 30 PKP 07 15.13 -3.6X
1.4s 1140.00nm
ASPA 144.44 232 ePKP 07 15.80 -3.5X
1.1s 409.80nm
iPKS 11 01.90
KKN 144.57 29 PKP 07 17.31 -2.3X
1.1s 1423.00nm
DMN 144.64 30 PKP 07 17.75 -2.1X
0.9s 1424.00nm
GUN 144.76 28 PKP 07 18.43 -1.7
PKI 144.82 29 PKP 07 17.93 -2.3X
0.9s 591.00nm

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JIRN 145.12 28 PKP 07 18.91 -1.9
1.4s 811.00nm
LSA 145.33 20 iPKPc 07 20.30 -0.9
WB2 145.84 238 ePKP 07 21.10 -0.6
0.9s 223.50nm
WRAB 145.84 238 ePKP 07 20.93 -0.8
WRA 145.85 238 PKP 07 21.80 0.1
1.1s 85.30nm
RAMN 145.91 28 PKP 07 21.19 -0.8
1.0s 676.00nm
TAPN 146.08 26 PKP 07 22.29 0.0
0.8s 677.00nm
ODAN 146.36 27 PKP 07 22.71 0.0
1.0s 725.00nm
ENH 146.58 351 ePKPc 07 22.74 0.2
NWAO 147.65 201 ePKP 07 24.90 0.6
0.5s 32.00nm
e 07 28.50
COOL 147.78 208 ePKP 07 25.00 0.4
1.0s 250.00nm
e 07 28.00
HYB 147.82 50 ePKPd 07 25.50 0.5
1.0s 180.00nm
eSKKS 17 48.00
WARB 148.22 221 ePKP 07 26.00 0.6
KLB 148.65 203 ePKP 07 26.00 0.1
0.8s 136.00nm
MUN 148.87 200 ePKP 07 27.00 0.7
1.1s 525.00nm
Z 20s 38.20um 7.2Msz
N 20s 20.60um
E 20s 11.80um
GBA 149.00 57 PKP 07 28.00 1.2
BAL 149.93 202 ePKP 07 28.00 0.1
0.8s 171.00nm
e 07 34.00
MTN 151.35 248 iPKPd 07 32.40 2.0
0.6s 545.00nm
e 07 38.00
MRWA 151.44 202 ePKP 07 30.00 -0.2
0.6s 42.00nm
e 07 37.00
KMI 152.10 2 PKP 07 40.20 8.6X
Z 26s 26.90um 6.9MszX
N 22s 8.40um
E 20s 16.50um
pPKP 07 41.80
sPKP 07 45.60
PP 11 08.00
PPP 14 24.00
PKS 17 52.00
SS 30 25.00
KMI 152.10 2 ePKPc 07 32.35 0.7
KNA 152.43 241 ePKP 07 33.00 1.1
0.7s 112.00nm
e 07 40.00
MEEK 152.54 209 ePKP 07 33.50 1.6
i 07 40.00
CVP 152.97 320 ePKPd 07 41.00 8.3X
HKC 153.02 339 iPKP 07 45.00 12.4X
BAG 154.72 320 ePKP+ 07 34.00 -1.3
PLP 154.83 304 ePKPd 07 36.50 1.2
BIP 155.15 297 ePKP 07 47.00 11.3X
QCP 155.66 316 ePKP 07 36.00 -0.4
MAP 156.10 304 ePKP 07 37.00 -0.1
MBL 156.17 219 ePKP 07 40.00 3.0X
DAV 156.23 295 ePKP 07 44.40 7.2X
CGP 156.42 299 ePKPd 07 41.00 3.5X
1.0s 12.00nm
CHTO 157.85 13 ePKPc 07 39.47 0.3
1.2s 38.19nm
Z 26s 26.90um 7.0MszX
N 22s 8.40um
E 20s 16.50um
LOE 159.69 6 iPKPd 07 42.00 0.8
NST 161.15 11 ePKP 07 45.00 2.3X
NNT 164.04 15 ePKP 07 46.80 1.2
MKS 164.35 261 e(PKP)07 46.00 0.0
TSM 164.35 297 ePKPc 07 47.00 1.0
KKM 164.85 306 ePKP 07 47.00 0.5
IPM 172.00 21 ePKPc 07 51.10 0.1
1.4s 120.30nm
e 09 13.90
e 13 10.90
LEM 174.66 223 ePKPd 07 48.60 -3.6X
eS 20 06.00
KGM 175.06 7 ePKP 07 52.00 -0.1
e 09 29.00
S.D. = 1.1 on 582 of 684 obs.

JUN 06, 1994 20h 57m 09.84± 0.84s
36.554 N ± 8.7km 140.829 E ±10.8km
DEPTH = 111.7 ± 10.3 km
4.3mb (1 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ 0.63 237 iPd 57 27.70 -0.3
iS 57 38.90
CHJJ 1.57 252 iPd 57 37.40 -0.5
S 57 56.50
NIIJ 1.62 296 iPd 57 38.40 -0.1
S 57 58.10
YAMJ 1.74 339 P 57 40.80 0.8
eS 58 02.70
MAT 2.11 270 iPd 57 44.70 -0.1
eS 58 10.00
MTMJ 2.43 272 iPd 57 49.30 0.1
eS 58 18.10
IIDJ 2.60 246 P 57 51.80 0.5
S 58 22.80
OFUJ 2.61 15 P 57 52.20 0.9
eS 58 21.80
AOMJ 4.02 355 eP 58 11.20 0.9
TSRJ 4.06 257 P 58 11.50 0.6
eS 58 56.80
WKYJ 4.87 243 P 58 14.90 -7.2X
MRRJ 5.87 2 eP 58 35.20 -0.5
TKSJ 6.11 247 P 58 38.90 -0.2
HOOJ 6.12 17 eP 58 40.00 0.8
eS 59 43.40
YONJ 6.13 259 P 58 38.50 -0.9
KUSJ 7.19 23 eP 58 52.30 -1.4
eS 00 07.10
ASAJ 7.68 10 eP 58 59.40 -1.1
WRA 56.52 187 P 06 43.30 0.6
0.5s 1.70nm 4.3mb
S.D. = 0.8 on 17 of 18 obs.

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* JUN 06, 1994 22h 10m 34.44± 0.66s
10.968 S ± 7.2km 112.628 E ±13.6km
DEPTH = 33.0km (normal)
4.8mb (6 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 3.41 48 ePd 11 27.50 0.8
e 15 53.50
KHKI 3.92 49 eP 11 33.00 -0.7
eS 12 20.30
e 16 18.50
LEM 6.44 309 ePd 12 04.00 -5.6X
NANU 11.86 167 eP 13 22.50 -1.8
eS 16 29.00
MBL 12.27 147 eP 13 28.00 -1.8
eS 15 34.00
MEEK 16.58 161 eP 14 26.70 0.6
eS 17 23.00
MRWA 18.43 171 eP 14 50.00 0.9
eS 18 03.00
WARB 20.11 141 eP 15 11.00 2.6
WB2 22.74 116 eP 15 39.20 4.2X
1.3s 8.20nm 4.0mb
i 15 48.90
ASPA 23.87 125 iPd 15 49.50 3.5X
1.2s 10.80nm 4.3mb
i 15 59.60
CHTO 32.52 335 eP 17 04.50 -0.2
STKA 33.87 132 eP 17 19.30 3.0X
0.7s 11.00nm 4.9mb
i 17 29.30
KMI 37.14 345 eP 17 45.00 0.6
1.5s 30.00nm 4.9mb
pP 17 55.70 37kmX
sP 18 02.80
LZH 47.53 350 eP 19 08.50 -0.3
BJI 50.85 4 eP 19 46.00 12.0X
ZAK 61.63 353 eP 20 50.00 -1.1
1.4s 12.00nm 4.8mb
ASH 70.28 317 eP 21 47.50 0.8
YAK 73.98 8 eP 22 07.60 -0.5
1.5s 39.00nm 5.2mb
SPA 79.10 180 iPc 22 50.10 13.0X
1.1s 2.98nm
OBN 91.06 326 eP 23 40.00 3.4X
e 23 56.00
S.D. = 1.4 on 13 of 20 obs.

JUN 06, 1994 22h 22m 23.51± 0.27s
38.849 N ± 9.5km 71.581 E ± 7.5km
DEPTH = 33.0km (normal)
4.5mb (33 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG.(717)

MAIO 9.93 259 eP 24 48.00 1.0
eS 26 36.00
NDI 11.17 154 eP 25 09.00 5.1X
PYUN 14.32 135 P 25 45.18 -1.0
0.5s 36.00nm 5.2mb
DANN 14.57 132 P 25 49.96 0.6
0.5s 33.00nm 5.1mb
KOLN 14.92 134 P 25 54.26 0.3
0.4s 9.00nm 4.5mb
GKN 15.34 131 P 25 58.84 -0.5
0.4s 21.00nm 4.8mb
KKN 15.88 130 P 26 05.30 -1.0
0.4s 23.00nm 4.7mb
DMN 15.91 131 P 26 05.96 -0.8
0.6s 20.00nm 4.4mb
PKI 16.12 130 P 26 09.66 0.2
0.5s 25.00nm 4.6mb
GUN 16.15 128 P 26 08.92 -1.1
0.6s 30.00nm 4.6mb
JIRN 16.52 128 P 26 13.64 -1.1
0.4s 24.00nm 4.7mb
RAMN 17.29 129 P 26 24.22 0.0
ODAN 17.84 127 P 26 31.18 0.2
0.8s 43.00nm 4.6mb
GBA 25.67 167 P 27 56.00 3.9X
LZH 25.69 86 eP 27 54.50 2.2
OBN 28.49 316 eP 28 21.00 3.6X
e 28 57.00
e 29 13.00
KAF 35.93 325 eP 29 22.00 -0.4
NUR 36.22 322 iP 29 24.40 -0.4
0.5s 3.40nm 4.5mb
SSE 40.96 85 P 30 29.00 24.3X
PRU 41.29 305 eP 30 08.50 1.3
e 30 28.00
HFS 41.53 320 eP 30 07.70 -1.3
0.5s 5.80nm 4.6mb
GEC2 41.99 303 P 30 13.40 0.4
0.6s 1.19nm 3.8mb
e 30 16.50
e 30 19.20
KHC 42.03 304 eP 30 14.00 0.7
1.0s 3.50nm 4.0mb
NB2 42.81 321 P 30 17.60 -1.9
0.5s 1.30nm 3.9mb
CDF 46.26 304 eP 30 47.40 0.0
0.6s 1.80nm 4.2mb
BSF 46.71 303 eP 30 50.80 -0.2
0.7s 3.00nm 4.4mb
HAU 46.96 303 eP 30 53.00 0.1
0.7s 2.55nm 4.3mb
LPG 47.34 300 eP 30 57.40 1.1
0.6s 2.45nm 4.4mb
LPL 47.35 300 eP 30 56.70 0.5
0.7s 4.65nm 4.6mb
LBF 48.77 303 eP 31 06.90 -0.2
1.0s 3.40nm 4.3mb
SMF 48.96 302 eP 31 08.10 -0.4
0.7s 4.65nm 4.6mb
AVF 49.24 303 eP 31 10.20 -0.4
0.6s 3.80nm 4.6mb
MAF 49.93 302 eP 31 16.10 0.2
0.5s 3.30nm 4.6mb
TCF 50.14 302 eP 31 17.00 -0.6
0.6s 3.25nm 4.5mb
LDF 50.96 306 eP 31 23.10 -0.6
0.6s 5.25nm 4.7mb
GRR 51.48 306 eP 31 26.10 -1.6
0.6s 4.25nm 4.6mb
LFF 51.55 301 eP 31 28.30 0.1
0.6s 3.25nm 4.5mb
MBC 64.97 3 eP 33 01.50 -0.2
0.6s 4.00nm 4.7mb
INK 71.52 10 eP 33 42.50 0.1
0.5s 2.00nm 4.4mb
YKA 78.88 3 eP 34 24.90 0.4
0.5s 1.90nm 4.4mb
WRA 82.85 123 P 34 48.80 2.7
0.6s 1.30nm 4.2mb

WB2 82.86 123 eP 34 47.70 1.6
0.5s 4.70nm 4.8mb
S.D. = 1.0 on 38 of 42 obs.

% JUN 06, 1994 22h 31m 17.07± 1.34s
11.168 N ± 8.5km 61.771 W ±24.8km
DEPTH = 33.0km (normal)
WINDWARD ISLANDS (95)
MD 3.1 (TRN).

TCE 0.47 178 iPd 31 27.57 0.3
eS 31 38.24
TRN 0.63 145 iPd 31 30.18 0.7
eS 31 42.04
TPP 0.90 160 eP 31 32.53 -0.8
eS 31 46.50
TBH 0.97 134 eP 31 34.24 -0.1
eS 31 49.65
GRW 0.99 6 eP 31 34.75 0.0
eS 31 51.82
S.D. = 0.8 on 5 of 5 obs.

? JUN 06, 1994 22h 42m 52.52± 1.45s
11.906 N ±13.8km 61.764 W ±24.9km
DEPTH = 100.0km (geophysicist)
WINDWARD ISLANDS (95)
MD 3.3 (TRN).

GRW 0.27 22 iP 43 08.48 0.1
eS 43 20.52
TCE 1.20 179 iP 43 14.83 -0.7
eS 43 30.70
BOT 1.26 126 eP 43 15.87 -0.3
TRN 1.30 164 eP 43 16.74 0.1
eS 43 33.75
TBH 1.57 154 eP 43 20.28 0.2
eS 43 40.69
TPP 1.61 169 eP 43 23.48 3.0X
eS 43 43.74
S.D. = 0.5 on 5 of 6 obs.

& JUN 07, 1994 00h 07m 41.33s
59.367 N 153.587 W
DEPTH = 121.2km
SOUTHERN ALASKA (2)
<AEIC>.

AUH 0.07 92 eP 07 57.67 1.0
AGU 0.08 95 eP 07 57.54 0.8
eS 08 08.97
AUL 0.08 79 eP 07 57.48 0.9
eS 08 10.49
AUP 0.09 93 eP 07 57.51 0.8
eS 08 09.70
AUI 0.09 111 eP 07 57.40 0.9
eS 08 09.25
AUE 0.11 94 eP 07 57.19 0.6
MCNL 0.43 245 eP 07 58.43 -0.8
CDD 0.44 184 iP 07 58.47 -0.9
eS 08 11.81
PDB 0.52 324 eP 07 58.89 -0.9
eS 08 12.13
INE 0.75 21 eP 08 00.58 -1.1
eS 08 15.34
XLV 0.96 84 eP 08 02.26 -1.1
SYI 0.98 140 eP 08 02.33 -1.2
eS 08 17.98
HOM 1.03 73 eP 08 03.32 -0.7
eS 08 21.12
RED 1.13 21 eP 08 03.80 -1.4
eS 08 21.12
RS2 1.18 20 eP 08 04.83 -1.0
eS 08 23.13
RSO 1.18 21 eP 08 04.98 -0.8
eS 08 22.55
REF 1.21 21 eP 08 04.90 -1.3
eS 08 22.68
CNPM 1.21 81 eP 08 04.79 -1.2
NNL 1.34 59 eP 08 07.00 -0.4
RDT 1.35 26 eP 08 06.16 -1.4
eS 08 24.99
BRLK 1.43 73 eP 08 07.19 -1.3
eS 08 26.28
KDC 1.72 160 eP 08 08.45 -3.4
NKA 1.82 39 eP 08 13.49 0.5
BKG 1.83 21 eP 08 12.13 -1.2
CKT 1.96 20 eP 08 12.84 -2.1

SPU 1.97 22 eP 08 13.71 -1.3
eS 08 38.76
BGL 1.99 17 eP 08 14.31 -1.0
SVW 2.02 331 P 08 14.30 -1.3
SLKM 2.04 55 eP 08 14.16 -1.7
CGLM 2.10 21 eP 08 15.35 -1.3
NCG 2.16 19 eP 08 16.57 -0.9
SEW 2.22 69 eP 08 16.46 -1.6
PMS 2.75 45 P 08 24.10 -1.0
PWA 2.93 37 P 08 27.10 -0.3
LTI 2.98 74 eP 08 26.30 -1.8
KNK 3.27 49 eP 08 30.40 -1.6
GHO 3.33 42 eP 08 30.93 -1.9
CUT 3.45 27 eP 08 33.34 -1.0
SML 3.57 44 eP 08 33.36 -2.6
HIN 3.72 71 eP 08 35.85 -2.1
FID 3.82 66 eP 08 36.09 -3.3
VZW 3.90 61 eP 08 37.94 -2.5
SCM 3.95 49 eP 08 39.12 -2.1
KLU 4.36 57 eP 08 43.63 -3.0
ILB 6.27 27 eP 09 09.09 -3.6
IM3 6.64 359 eP 09 15.55 -2.2
46 obs. associated

? JUN 07, 1994 00h 33m 05.43± 0.96s
44.420 N ± 8.9km 7.209 E ±17.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.6 (GEN).

PZZ 0.12 318 P 33 08.50 0.0
S 33 10.51
STV 0.19 155 P 33 09.74 0.0
S 33 12.57
ENR 0.25 142 P 33 10.74 0.0
S 33 14.31
BHB 0.42 5 P 33 14.08 0.0
S.D. = 0.0 on 4 of 4 obs.
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* JUN 07, 1994 00h 56m 44.25± 0.53s
11.207 S ± 7.5km 113.246 E ±13.4km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 3.17 38 ePc 57 33.50 0.5
e 00 21.50
TRT 3.53 350 iPd 58 36.00 57.8X
iS 59 14.00
SJI 3.75 337 ePd 57 39.80 -1.3
eS 58 23.20
NANU 11.50 169 eP 59 29.00 -0.2
eS 01 33.00
MBL 11.74 148 eP 59 31.00 -1.5
iS 01 32.50
MEEK 16.16 162 eP 00 32.00 1.4
eS 03 20.00
MRWA 18.10 172 eP 00 46.00 -8.9X
WB2 22.09 116 iPc 01 43.90 5.5X
0.5s 2.60nm 3.9mb
ipP 01 52.60 31kmX
iS 05 38.70
ASPA 23.24 125 iPc 01 54.50 4.8X
1.1s 5.90nm 4.0mb
eS 06 10.60
ODAN 45.41 327 P 05 01.18 -0.9
0.8s 13.00nm 4.9mb
JIRN 46.69 326 P 05 12.12 -0.3
GUN 47.06 326 P 05 16.02 0.8
DMN 47.25 325 P 05 17.06 0.4
KOLN 48.23 324 P 05 24.40 0.1
DANN 48.58 325 P 05 27.22 0.2
0.6s 8.00nm 4.9mb
PYUN 48.83 324 P 05 29.90 1.0
S.D. = 1.0 on 12 of 16 obs.

? JUN 07, 1994 01h 08m 16.56± 1.35s
11.638 S ±15.1km 111.942 E ±27.4km
DEPTH = 33.0km (normal)
3.9mb (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

SJI 3.88 357 iPd 09 14.90 -0.5
iS 09 55.20
MBL 12.12 142 eP 11 08.30 -1.6
iS 13 10.00
MEEK 16.19 158 eP 12 09.00 5.7X

eS 14 56.00
WB2 23.07 114 eP 13 20.80 0.4
0.7s 2.60nm 3.8mb
i 13 29.70
ASPA 24.06 123 iPd 13 31.20 1.2
0.8s 4.40nm 4.0mb
SNA 87.01 198 e(P) 21 00.00 0.5
0.6s 74.67nm 6.1mb X
S.D. = 1.5 on 5 of 6 obs.

JUN 07, 1994 01h 52m 33.68± 0.49s
37.690 N ± 3.6km 137.413 E ± 3.7km
DEPTH = 22.8 ± 4.1 km
4.8mb (48 obs.)
NEAR WEST COAST OF HONSHU, JAPAN(226)

MTMJ 1.15 164 P 52 53.70 -0.7
MAT 1.31 151 iPc 52 55.90 -0.8
eS 53 12.00
NIIJ 1.34 109 P 52 56.10 -1.0
S 53 14.20
CHJJ 2.07 142 P 53 06.90 -0.8
YAMJ 2.13 76 P 53 07.90 -0.6
eS 53 35.40
IIDJ 2.24 170 P 53 10.70 0.6
TSRJ 2.44 209 P 53 12.90 0.1
KAKJ 2.66 123 P 53 17.30 1.3
OFUJ 3.62 66 P 53 29.80 0.1
AOMJ 3.68 38 P 53 31.10 0.7
WKYJ 3.76 204 P 53 31.40 -0.4
YONJ 4.05 233 P 53 35.80 0.1
TKSJ 4.60 217 P 53 43.40 -0.2
eS 54 56.10
SHK 4.96 232 eP 53 49.30 0.6
MRRJ 5.50 30 P 53 56.40 0.2
SHNJ 6.23 237 P 54 07.40 0.8
HOOJ 6.50 42 P 54 11.50 1.1
ASAJ 7.54 30 eP 54 26.00 1.0
KUSJ 7.76 44 eP 54 25.90 -2.0
YSS 10.11 21 eP 55 00.00 -0.5
1.0s 70.00nm 6.0mb X
Z 12s 0.50um 2.7MszX
N 12s 0.40um
SSE 14.92 249 Pd 56 12.00 7.2X
1.2s 20.00nm 4.4mb
Z 16s 0.40um 4.8MszX
N 12s 0.70um
E 12s 0.50um
BJI 16.71 285 eP 56 28.00 0.2
1.4s 37.00nm 4.3mb
Z 12s 0.42um 5.8Msz
N 12s 0.41um
eS 59 48.00
SKR 18.58 40 eP 56 51.00 0.0
CIT 21.99 318 eP 57 27.80 0.0
YAK 24.82 351 eP 57 54.80 -0.3
1.8s 56.00nm 4.9mb
Z 13s 1.40um 4.6MszX
N 13s 0.50um
e 58 31.00
eS 02 21.00
LZH 26.82 277 eP 58 16.00 1.7
1.4s 65.00nm 5.1mb
Z 15s 0.58um 4.3MszX
E 10s 0.40um
pP 58 39.00 105kmX
ZAK 27.36 309 eP 58 18.00 -0.8
1.4s 21.00nm 4.6mb
eS 02 48.00
ILT 38.75 25 iPc 59 56.00 -1.5
1.0s 14.00nm 4.7mb
e 00 13.00
TTA 46.71 35 eP 01 01.97 -0.4
1.2s 7.76nm 4.6mb
SVW 46.93 38 ePc 01 04.65 0.6
0.9s 34.16nm 5.4mb
BRW 47.08 24 eP 01 05.59 0.6
IMA 47.76 31 ePc 01 09.83 -0.8
0.9s 10.17nm 4.9mb
CP2 48.55 37 eP 01 16.94 0.0
FBA 50.25 32 ePc 01 29.56 -0.1
1.2s 2.80nm 4.1mb
KLU 51.54 37 eP 01 39.20 -0.5
BALM 53.33 37 ePc 01 52.43 -0.6
ARU 53.73 317 eP 01 53.00 -2.9X
INK 55.25 27 eP 02 06.50 -0.4
1.0s 4.00nm 4.4mb

MBC 56.79 16 eP 02 17.50 -0.4
1.0s 3.00nm 4.3mb
WB2 57.39 183 iPc 02 20.80 -1.9
0.6s 11.70nm 5.1mb
WRA 57.39 183 P 02 21.10 -1.6
0.7s 5.40nm 4.7mb
GBA 58.11 263 P 02 30.00 2.1
ASPA 61.12 184 P 02 48.00 -0.4
0.6s 6.20nm 4.9mb
RES 62.74 14 eP 02 57.50 -1.2
0.9s 2.00nm 4.3mb
YKA 64.82 29 eP 03 11.30 -1.2
1.0s 1.70nm 4.1mb
DAG 64.83 354 iPd 03 11.30 -1.1
0.9s 6.72nm 4.8mb
KAF 66.24 331 iP 03 20.20 -1.4
0.8s 9.10nm 5.0mb
NUR 67.84 330 iP 03 30.70 -1.0
0.6s 5.10nm 4.8mb
DPW 71.49 43 eP 03 54.52 0.1
HFS 72.14 334 eP 03 56.40 -1.6
0.9s 8.30nm 4.8mb
Z 17s 0.07um 4.0MszX
LR 32 56.00
NB2 72.31 336 P 03 57.40 -1.7
0.8s 1.50nm 4.1mb
YBH 72.43 51 ePc 04 01.01 0.9
LBFM 73.15 51 eP 04 05.27 0.7
WDC 73.20 52 ePc 04 05.05 0.5
MIN 73.91 51 eP 04 08.79 -0.1
ORV 74.44 52 iPc 04 11.65 -0.1
1.2s 10.00nm 4.7mb
CMB 76.05 53 iPc 04 21.35 0.3
1.1s 10.00nm 4.8mb
FRB 76.82 12 eP 04 25.00 0.2
0.9s 4.00nm 4.5mb
KVN 76.85 51 eP 04 26.90 1.2
HHAI 77.53 45 eP 04 32.58 3.3X
BRG 78.82 327 iP 04 35.80 -0.3
CLL 78.90 328 iPd 04 36.80 0.3
0.9s 13.00nm 5.0mb
PRU 79.22 327 ePd 04 39.00 0.7
0.9s 8.80nm 4.8mb
TPNV 79.30 51 eP 04 40.00 0.8
CSP 80.27 54 eP 04 45.25 0.9
KHC 80.28 326 P 04 44.90 0.9
1.0s 7.00nm 4.6mb
e 05 03.00
GEC2 80.43 326 P 04 44.80 -0.1
0.9s 3.00nm 4.3mb
e 04 50.50
e 04 58.90
ULM 80.66 31 eP 04 48.50 2.6
EMUT 80.70 46 eP 04 47.47 0.8
GRF 80.87 328 iPd 04 48.40 1.3
1.0s 15.00nm 5.0mb
e(pP) 04 52.50 13kmX
SRU 81.34 47 eP 04 51.09 1.1
RSSD 81.42 40 iPd 04 50.81 0.5
1.2s 9.27nm 4.7mb
PV10 82.69 47 ePc 04 58.24 1.1
CDF 83.50 329 eP 05 00.80 -0.1
1.0s 11.60nm 5.0mb
GLD 83.88 44 eP 05 04.46 1.3
1.2s 14.27nm 5.1mb
BSF 84.15 329 eP 05 03.00 -1.2
0.9s 4.10nm 4.7mb
HAU 84.20 329 eP 05 03.90 -0.4
0.5s 2.20nm 4.6mb
TUC 85.74 52 eP 05 11.93 -0.5
0.9s 4.71nm 4.7mb
LOR 85.78 330 eP 05 11.80 -0.5
1.4s 19.60nm 5.1mb
LBF 85.97 330 eP 05 12.80 -0.4
1.0s 5.60nm 4.7mb
LPL 86.03 328 eP 05 13.70 -0.1
1.1s 7.35nm 4.8mb
LPG 86.03 328 eP 05 13.90 0.0
0.9s 4.40nm 4.7mb
SSF 86.09 330 eP 05 13.50 -0.3
1.0s 9.00nm 4.9mb
SMF 86.30 330 eP 05 14.40 -0.4
1.2s 11.30nm 5.0mb
AVF 86.37 330 eP 05 14.90 -0.3
0.9s 14.40nm 5.2mb
ALQ 86.56 48 P 05 18.25 1.7
1.1s 9.44nm 4.9mb
BGF 86.76 331 eP 05 16.80 -0.3
0.8s 4.15nm 4.7mb
LPF 86.98 334 eP 05 18.10 0.0
0.8s 9.40nm 5.1mb
MAF 87.15 330 eP 05 19.10 0.1
1.0s 7.20nm 4.9mb
MFF 87.86 332 eP 05 22.60 0.2
0.9s 6.90nm 5.0mb
LTX 92.19 50 eP 05 43.56 0.5
LPAZ 148.99 54 PKP 12 22.40 4.0X
LPB 149.20 54 ePKP 12 22.00 3.6X
ITR 150.96 351 ePKP 12 25.50 4.9X
CCH 151.07 52 ePKP 12 27.00 5.9X
S.D. = 0.9 on 88 of 95 obs.

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* JUN 07, 1994 02h 13m 06.69± 1.55s
15.187 N ±21.9km 94.646 W ± 8.6km
DEPTH = 67.2 ± 10.7 km
3.6mb (2 obs.)
NEAR COAST OF OAXACA, MEXICO (66)

TPX 2.32 97 iP 13 42.74 -0.6
iS 14 11.00
SCX 2.47 51 iP 13 46.63 1.2
iS 14 14.84
OXX 2.74 314 iP 13 48.75 -0.7
(S) 14 19.27
IISM 4.59 326 eP 14 13.49 -1.7
LVVM 4.84 339 (P) 14 14.50 -4.2X
(S) 15 05.00
IIT 5.18 318 iP 14 24.00 0.3
ACX 5.28 289 (P) 14 34.00 9.0X
PPM 5.42 316 iP 14 28.70 1.4
IIA 5.50 316 (P) 14 28.53 0.6
III 5.60 305 iP 14 30.09 0.5
UNM 5.98 314 (P) 14 55.00 20.0X
CRX 6.38 312 (P) 15 00.00 19.5X
MRX 7.69 307 iP 14 58.26 -0.2
LTX 16.36 331 eP 16 53.20 -0.4
VVO 20.09 357 iPc 17 36.80 -0.6
TUL 20.66 357 iPd 17 42.20 -1.1
ACO 21.80 350 iPc 17 55.10 0.4
ALQ 22.36 334 e(P) 18 00.70 0.3
0.7s 0.77nm 3.2mb
YKA 49.31 348 eP 21 51.20 0.6
0.7s 1.00nm 4.0mb
S.D. = 1.0 on 15 of 19 obs.

JUN 07, 1994 02h 22m 58.11± 0.67s
26.867 S ± 7.6km 26.712 E ± 5.8km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.2 (PRE).

BFS 0.07 115 iPc 23 01.40 1.4
S 23 02.50
PRY 0.68 95 eP 23 10.70 -1.1
S 23 17.40
KSR 1.01 9 iPc 23 18.40 0.5
S 23 33.00
SWZ 1.28 255 eP 23 24.80 2.5
S 23 40.30
SEK 1.66 151 eP 23 28.60 0.4
S 23 48.60
SLR 1.80 52 iPd 23 30.60 0.4
S 23 51.50
BOSA 2.08 213 eP 23 36.30 2.2X
S 24 03.20
BLF 2.28 192 eP 23 36.30 -0.9
S 24 03.20
NWL 3.01 107 eP 23 47.00 -0.4
S 24 26.30
FRS 3.12 203 eP 23 48.50 -0.4
S 24 25.20
POF 6.48 246 eP 24 36.00 -0.4
S 25 48.00
BUL 6.92 15 iPn 25 39.80 57.0X
iSn 26 55.70
iSg 27 31.20
SUR 7.52 222 eP 25 00.10 8.8X
S 26 40.00
CER 9.12 223 eP 25 28.00 14.7X
S 27 03.50
WIN 9.73 294 eP 25 20.00 -2.0
S 27 14.00
S.D. = 1.4 on 11 of 15 obs.

% JUN 07, 1994 02h 36m 57.47± 1.26s
40.725 N ±15.3km 29.924 E ±10.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

HRT 0.22 296 iPg 37 01.10 -1.1
EYL 0.24 132 iPg 37 02.60 0.0
eSg 37 06.60
YLV 0.45 250 iPg 37 06.50 -0.1
eSg 37 13.00
ISK 0.74 298 ePg 37 12.10 0.2
eSg 37 23.10
CTT 1.21 291 ePn 37 21.10 1.1
S.D. = 1.1 on 5 of 5 obs.

% JUN 07, 1994 03h 10m 34.81± 0.58s
38.907 N ± 5.3km 0.429 W ± 5.9km
DEPTH = 17.2 ± 5.6 km
SPAIN (377)
mbLg 3.0 (MDD). Felt (III) in
the Castellon de Rugat area.

ACU 0.40 178 iPc 10 42.63 -0.4
eS 10 49.10
ECHE 0.80 329 iPc 10 50.97 1.0
eS 11 02.50
EALH 1.31 217 eP 10 59.21 1.0
eS 11 14.20
EVIA 1.64 261 iPd 11 02.64 -0.5
eS 11 23.90
EROQ 2.02 18 iPd 11 08.33 -0.1
eS 11 32.10
EHUE 2.02 238 iPd 11 08.92 0.3
eS 11 33.40
ETOR 2.28 327 eP 11 17.30 4.9X
eS 11 44.30
ENIJ 2.39 217 eP 11 14.37 0.6
ESEL 2.72 71 iPd 11 18.24 -0.2
eS 11 48.40
EBAN 2.74 255 eP 11 17.64 -1.1
eS 11 49.60
ECOG 2.96 238 eP 11 22.42 0.4
eS 11 56.40
PAB 3.11 283 iPn 11 23.50 -0.6
ePb 11 32.50
eSn 12 03.00
eSb 12 12.50
eSg 12 22.00
ELOJ 3.43 240 eP 11 28.48 -0.1
eS 12 07.40
EHOR 3.94 256 iPd 11 35.53 -0.2
eS 12 18.50
S.D. = 0.7 on 13 of 14 obs.

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* JUN 07, 1994 03h 57m 52.54± 0.77s
7.399 N ±13.3km 121.772 E ± 7.2km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

CTB 2.42 95 iPd 58 31.50 0.9
CGP 3.08 70 ePd 58 40.00 0.0
iS 58 51.00
DAV 3.79 94 eP 58 53.00 3.0X
PPR 3.82 308 ePc 58 50.00 -0.5
eS 59 31.00
TSM 4.96 232 iPc 59 07.20 0.5
KKM 5.68 257 eP 59 17.50 0.5
WRA 29.85 156 P 04 14.40 15.1X
0.8s 0.70nm
WB2 29.86 156 eP 03 57.90 -1.5
1.2s 3.20nm 4.0mb
S.D. = 1.1 on 6 of 8 obs.

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* JUN 07, 1994 04h 13m 18.63± 1.38s
11.729 S ±11.1km 119.164 E ±17.8km
DEPTH = 33.0km (normal)
4.1mb (2 obs.)
SOUTH OF SUMBA, INDONESIA (292)

WSI 2.32 29 ePd 13 55.40 0.1
eS 14 12.20
MBL 9.40 176 eP 15 34.20 -0.7
eS 17 13.00
NANU 11.32 197 eP 16 01.00 -0.1
MEEK 14.84 182 eP 16 49.00 1.1

                iS   19 22.00
WARB   16.02 155 eP   17 03.50   0.4
WB2   16.73 121 iPd   17 10.40 -1.8
       0.3s   6.10nm   4.2mb
                iS   20 09.70
MRWA   17.65 189 eP   17 23.00 -0.7
       0.3s   3.00nm   3.9mb
                eS   20 25.00
ASPA   18.37 132 iPc   17 34.40   1.8
                eS   20 47.30
   S.D. = 1.3 on   8 of   8 obs.

 JUN 07, 1994 04h 18m 10.03± 0.47s
 44.077 N ± 4.8km   8.980 E ± 3.5km
 DEPTH = 22.5 ± 3.4 km
NORTHERN ITALY   (545)
   ML 3.2 (LDG), 3.1 (GEN).

PCP   0.56 326 Pd   18 19.46 -1.7
                S   18 26.05
FIN   0.57 284 Pd   18 20.95 -0.4
                S   18 28.73
BORS   0.63 74 P   18 20.61 -1.7
                S   18 29.21
ROB   0.83 286 Pd   18 25.16 -0.5
                S   18 35.91
SARO   1.03 83 P   18 28.06 -1.1
                S   18 41.56
SAOF   1.03 265 Pg   18 29.23   0.1
                Sg   18 43.75
AUTN   1.12 266 Pg   18 30.83   0.2
ENR   1.13 278 P   18 30.51 -0.1
                S   18 45.60
SBF   1.14 260 Pn   18 30.50 -0.1
                Sn   18 47.60
STV   1.20 279 P   18 31.57   0.0
                S   18 47.10
AURF   1.21 262 Pg   18 32.72   1.0
REVF   1.21 254 Pg   18 34.00   2.3
TOUF   1.25 268 Pn   18 32.89   0.5
                Sg   18 51.29
MVIF   1.33 263 Pn   18 34.68   1.2
ISO   1.39 275 ePd   18 34.37   0.1
                e(Pn) 18 34.95
                i(Pg) 18 36.31
                e(Sn) 18 52.87
PZZ   1.42 288 Pd   18 33.82 -0.8
                S   18 50.86
BHB   1.45 302 P   18 35.19   0.2
                S   18 52.45
PGF   1.53 179 Pn   18 35.60 -0.7
                Sn   18 54.70
CALN   1.54 259 Pg   18 40.00   3.5X
RSP   1.63 312 P   18 37.25 -0.6
                S   18 55.71
FOUF   1.64 287 e(Pn)c18 37.52 -0.2
                i   18 39.74
                eSn   19 00.06
FRF   1.77 254 Pn   18 39.30 -0.3
                Sn   19 00.90
RRL   1.78 299 P   18 41.59   1.5
                S   19 03.98
LSD   1.90 317 P   18 42.49   0.8
                S   19 05.31
LMR   1.94 248 Pn   18 41.60 -0.5
                Sn   19 05.00
LRG   2.00 253 Pn   18 42.60 -0.3
                Sn   19 07.50
TMA   2.03 358 ePc   18 44.10   0.5
LPG   2.13 313 Pn   18 45.80   0.6
LPL   2.15 313 Pn   18 45.80   0.4
DIX   2.29 332 ePd   18 50.60   3.2X
CDR   2.36 261 ePn   18 47.90 -0.2
                ePg   18 54.10
                eSn   19 15.30
                e   19 22.50
                i   19 24.70
VDL   2.43   8 ePd   18 50.20   0.8
OSS   2.74 17 ePd   18 54.70   1.1
SQTA   3.51 26 iPnc   19 06.40   1.8
                i   19 50.60
MOTA   3.59 24 iPnd   19 07.30   1.5
                i   19 48.70
WTTA   3.69 29 iPnc   19 09.10   1.9
                i   19 51.80
SLE   3.71 355 ePd   19 06.90 -0.4
WATA   3.73 28 i(Pn) 19 09.10   1.3

                i   19 51.30
BSF   4.05 339 Pn   19 11.20 -1.1
                Sn   19 58.20
KBA   4.29 44 i(Pn) 19 16.50   0.8
                i   20 03.70
HAU   4.34 336 Pn   19 15.10 -1.1
                Sn   20 04.70
SMF   4.44 307 Pn   19 17.60 -0.1
                Sn   20 07.40
CDF   4.49 345 Pn   19 17.20 -1.3
                Sn   20 07.80
LBF   4.56 311 Pn   19 18.60 -0.9
                Sn   20 10.20
AVF   4.80 306 Pn   19 22.80   0.0
                Sn   20 15.60
LOR   4.80 313 Pn   19 22.20 -0.6
                Sn   20 16.00
SSF   4.87 310 Pn   19 22.70 -1.0
                Sn   20 17.30
BGF   4.99 302 Pn   19 24.90 -0.5
                Sn   20 20.30
GEC2   5.78 33 Pn   19 34.10 -2.5
       0.1s   0.19nm   3.6mb X
   S.D. = 1.0 on 47 of 49 obs.

% JUN 07, 1994 04h 19m 50.54± 2.40s
 44.342 N ±11.5km   8.534 E ±16.2km
 DEPTH = 10.0km (geophysicist)
NORTHERN ITALY   (545)
   ML 2.8 (LDG), 2.3 (GEN).

PCP   0.20   2 P   19 55.06   0.1
                S   20 02.09
FIN   0.27 241 P   19 56.30   0.1
                S   20 04.06
ROB   0.48 265 P   20 00.62   0.3
                S   20 11.09
ENR   0.81 262 P   20 06.11 -0.2
                S   20 20.76
STV   0.87 264 P   20 07.21 -0.2
BHB   1.04 299 P   20 10.58   0.4
                S   20 28.01
PZZ   1.04 280 P   20 10.07 -0.2
                S   20 27.28
RSP   1.22 312 P   20 12.92 -0.4
   S.D. = 0.3 on   8 of   8 obs.
----
* JUN 07, 1994 04h 20m 56.27± 1.63s
 51.431 N ±13.9km   15.902 E ± 8.8km
 DEPTH = 10.0km (geophysicist)
POLAND   (548)
   ML 3.7 (GRF), 3.6 (VIE), 3.1
   (CLL).

BRG   1.35 246 iPn   21 21.20   0.1
                iPg   21 22.70
                iSg   21 43.20
PRU   1.68 211 ePn   21 25.90   0.0
       0.6s   151.00nm
                Pg   21 31.90
                e   21 45.20
                eSn   21 52.20
                Sg   21 59.10
CLL   1.82 267 iPn   21 27.30 -0.6
                iPg   21 30.30
                iSg   21 57.40
OKC   2.14 137 eP   21 32.70   0.2
                Pg   21 34.60
                (Sg)   22 00.80
KHC   2.74 214 Pn   21 40.80 -0.4
                Pg   21 47.00
                eSn   22 16.00
                eSg   22 25.80
HOF   2.78 248 ePn   21 41.30 -0.4
MOX   2.82 255 ePn   21 42.00 -0.2
                iPg   21 50.70
                eSg   22 30.20
WET   3.00 221 iPnc   21 45.10   0.4
VKA   3.18 175 iPgc   21 54.90   7.6X
                i   22 36.30
                iSg   22 39.10
ZST   3.33 166 eP   21 56.30   6.9X
                e   22 45.30
GRF   3.45 242 ePn   21 52.80   1.6
                ePg   22 03.60
                eSg   22 47.20
KBA   4.67 202 iPnc   22 07.90 -0.7

                i   23 17.20
                iSg   23 29.00
WATA   4.98 216 iPnd   22 12.90   0.0
                iSg   23 42.80
WTTA   5.02 215 iPnc   22 13.30 -0.2
                iSg   23 45.10
OGA   5.58 217 ePn   22 21.50   0.1
   S.D. = 0.6 on 13 of 15 obs.
----
* JUN 07, 1994 04h 42m 52.93± 0.91s
  9.656 S ±16.1km 113.072 E ± 7.7km
 DEPTH = 33.0km (normal)
 5.2mb (7 obs.)
SOUTH OF JAWA, INDONESIA   (282)

TRT   1.99 347 iPc   43 31.70   6.8X
                iS   44 04.00
SJI   2.30 326 iPc   43 38.80   9.4X
                iS   44 15.60
DNP   2.32 65 ePd   43 29.50 -0.1
                eS   44 02.00
                e   48 10.00
KHKI   2.81 63 ePd   43 37.80   1.2
                eS   44 18.00
LEM   6.09 297 ePd   45 14.50 51.3X
                eS   46 53.00
WSI   7.12 91 e(P)   45 01.60 24.1X
MBL   13.16 151 eP   45 37.00 -23.2X
                eS   47 46.00
MEEK 17.69 163 eP   46 40.00 -18.5X
                eS   49 39.00
WB2   22.95 119 iPd   47 44.10 -11.5X
       1.1s   8.50nm
                eS   51 52.20
ASPA 24.29 128 iPc   47 57.70 -10.9X
       1.2s   31.50nm
                iS   52 15.50
STKA 34.45 134 eP   49 28.50 -11.3X
       0.9s   12.40nm
SSE   41.26 11 eP   50 34.00 -2.7
ODAN 44.03 326 P   50 59.89   0.2
TAPN 44.24 327 P   51 02.31   0.8
       1.0s   37.00nm   5.1mb
RAMN 44.54 325 P   51 04.55   0.7
JIRN 45.32 326 P   51 10.23   0.0
       0.9s   33.00nm   5.2mb
GUN   45.69 326 P   51 13.83   0.7
DMN   45.89 325 P   51 14.41 -0.2
KKN   45.93 325 P   51 15.03   0.2
       1.0s   29.00nm   5.2mb
LZH   46.32 350 eP   51 17.50 -0.2
       1.4s   28.00nm   5.0mb
                pP   51 27.50 33kmX
GKN   46.46 324 P   51 19.29   0.3
KOLN 46.89 323 P   51 22.05 -0.4
       0.9s   30.00nm   5.3mb
DANN 47.23 324 P   51 25.17   0.0
       0.9s   34.00nm   5.4mb
PYUN 47.49 323 P   51 27.19   0.0
       1.3s   45.00nm   5.3mb
XIN 145.38 238 (PKP) 02 23.00 -7.2X
ITR 146.23 238 ePKP   02 28.30 -3.3X
BAO 148.64 217 ePKP   02 33.10 -2.4X
MOCB 149.26 182 PKP   02 36.50 -0.3
CCH 153.12 182 PKP   02 45.70   3.3X
LPB 153.95 177 PKP   02 48.00   4.3X
LPAZ 154.20 177 PKP   02 44.10 -0.2
   S.D. = 0.9 on 17 of 31 obs.
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* JUN 07, 1994 04h 47m 58.33± 0.74s
 10.772 S ± 8.1km 112.842 E ±11.0km
 DEPTH = 33.0km (normal)
 4.9mb (3 obs.)
SOUTH OF JAWA, INDONESIA   (282)

TRT   3.06 356 ePc   48 44.60 -0.8
                iS   49 12.10
DNP   3.13 48 ePc   48 45.00 -1.5
                eS   49 18.00
                e   51 57.00
SJI   3.20 341 iPd   48 49.80   2.3
                iS   49 26.20
KHKI   3.63 49 ePc   48 57.00   3.4X
                eS   49 34.00
                e   52 47.00
LEM   6.48 307 ePd   49 33.00 -1.1
WSI   7.41 82 e(P)   49 48.20   1.2

07d 04h

eS 50 59.50
MEEK 16.70 162 eP 51 50.00 -1.5
eS 54 40.00
MRWA 18.59 171 eP 52 16.00 1.0
eS 55 25.00
WARB 20.13 141 eP 52 33.00 0.5
WB2 22.63 116 iPc 52 57.20 -0.7
0.4s 14.60nm 4.8mb
iS 56 55.70
ASPA 23.81 125 iPd 53 09.50 0.2
0.5s 20.40nm 4.9mb
Z 19s 0.20um 3.6Msz
iS 57 27.30
STKA 33.85 133 iPc 54 40.30 0.3
0.5s 14.20nm 5.1mb
LZH 47.37 350 eP 56 42.50 11.0X
MOCB 148.14 183 PKP 07 47.40 7.0X
CCH 152.01 182 ePKP 07 56.00 9.8X
LPB 152.86 178 PKP 07 58.00 10.5X
LPAZ 153.10 178 PKP 07 58.20 10.1X
S.D. = 1.4 on 11 of 17 obs.

JUN 07, 1994 05h 04m 49.25± 0.64s
44.116 N ± 7.1km 9.031 E ± 4.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.7 (LDG), 2.6 (GEN).

PCP 0.55 321 P 05 00.19 -0.3
S 05 07.11
BORS 0.59 77 P 05 01.21 0.1
S 05 10.19
FIN 0.60 279 P 05 01.38 0.0
S 05 09.11
ROB 0.85 283 P 05 05.73 0.0
S 05 15.90
ENR 1.16 276 P 05 11.37 0.3
S 05 25.65
SBF 1.18 258 Pn 05 12.00 0.7
Sn 05 28.00
STV 1.23 277 P 05 12.54 0.3
S 05 27.37
PZZ 1.44 286 P 05 15.35 -0.1
S 05 32.25
BHB 1.46 300 P 05 15.83 0.2
S 05 33.07
PGF 1.57 181 Pn 05 17.50 0.2
LMR 1.99 248 Pn 05 21.90 -1.4
Sn 05 45.40
S.D. = 0.6 on 11 of 11 obs.

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* JUN 07, 1994 06h 09m 16.56± 0.63s
20.993 N ± 8.4km 145.840 E ±12.2km
DEPTH = 33.0km (normal)
5.2mb (9 obs.) 3.6Msz (1 obs.)
MARIANA ISLANDS (216)

MAT 16.86 338 eP 13 13.00 1.3
eS 13 30.00
SSE 24.28 300 eP 14 34.00 2.0
LZH 39.52 302 eP 16 46.00 -0.3
WB2 42.21 196 eP 17 08.90 0.7
0.7s 4.30nm 4.3mb
ePP 18 30.60
ASPA 45.89 195 eP 17 39.00 1.1
0.5s 5.00nm 4.7mb
WARB 50.46 203 eP 18 13.00 -0.4
TAPN 53.02 289 P 18 32.88 -0.2
0.5s 15.00nm 5.2mb
ODAN 53.36 288 P 18 35.16 -0.4
0.5s 13.00nm 5.2mb
RAMN 54.05 289 P 18 40.80 0.2
JIRN 54.32 290 P 18 42.66 -0.1
0.6s 45.00nm 5.7mb
GUN 54.56 290 P 18 44.42 -0.1
0.4s 12.00nm 5.3mb
PKI 55.02 290 P 18 47.16 -0.7
0.6s 20.00nm 5.3mb
KKN 55.10 290 P 18 48.40 0.0
DMN 55.28 290 P 18 49.24 -0.4
GKN 55.64 290 P 18 51.72 -0.4
DANN 56.37 291 P 18 57.62 0.1
0.5s 166.00nm 6.3mb X
KOLN 56.58 290 P 18 58.54 -0.5
0.6s 12.00nm 5.1mb
PYUN 57.07 291 P 19 02.10 -0.4
0.6s 16.00nm 5.3mb
GBA 65.31 276 P 19 58.00 0.0
YKA 75.91 28 eP 21 01.70 0.3
0.9s 1.20nm 3.9mb X
Z 18s 0.03um 3.6Msz
LR 57 36.00
KAF 84.39 336 eP 21 45.30 -1.3
LPAZ 147.51 88 PKP 29 02.10 4.3X
LPB 147.60 88 PKP 28 57.20 -0.5
S.D. = 0.8 on 22 of 23 obs.

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* JUN 07, 1994 06h 35m 20.83± 0.97s
10.844 S ± 7.7km 113.141 E ±13.8km
DEPTH = 33.0km (normal)
4.4mb (3 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 2.97 44 ePd 36 06.50 -0.2
e 38 22.00
SJI 3.38 336 iPd 36 12.60 0.1
eS 36 48.50
KHKI 3.46 45 ePd 36 13.40 -0.4
eS 36 55.00
e 39 28.80
MBL 12.10 149 eP 38 10.00 -4.0X
iS 40 12.80
MEEK 16.54 163 eP 39 11.00 -1.0
eS 42 02.00
WB2 22.34 116 iPc 40 17.70 0.2
0.4s 7.00nm 4.5mb
eS 44 18.90
ASPA 23.53 126 eP 40 29.20 0.1
1.6s 7.70nm 4.0mb
e 40 42.70
eS 44 54.70
STKA 33.59 133 eP 42 01.30 1.1
0.5s 5.20nm 4.7mb
S.D. = 0.8 on 7 of 8 obs.

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* JUN 07, 1994 07h 47m 50.52± 0.84s
6.311 S ± 7.2km 145.920 E ±11.9km
DEPTH = 49.7 ± 10.7 km
NEW GUINEA, PAPUA NEW GUINEA (202)

YYYY 0.08 35 eP 48 08.80 9.1X
MDG 1.06 352 iPd 48 09.40 0.1
LAT 1.13 108 iPd 48 10.10 -0.1
PMG 3.31 158 iPd 48 41.00 -0.2
eS 49 25.00
WB2 17.60 219 iPd 51 55.00 1.0
0.2s 6.20nm 4.4mb X
ASPA 20.77 213 iPc 52 29.20 -0.7
0.3s 6.20nm 4.4mb X
TAPN 65.43 304 P 58 31.12 0.0
0.7s 160.00nm 6.2mb
ODAN 65.51 303 P 58 29.92 -1.6
RAMN 66.20 303 P 58 34.42 -1.6
0.6s 131.00nm 6.2mb
JIRN 66.80 304 P 58 40.14 0.2
0.6s 155.00nm 6.2mb
GUN 67.14 304 P 58 42.86 0.7
0.7s 195.00nm 6.2mb
PKI 67.41 303 P 58 43.04 -0.8
0.6s 112.00nm 6.1mb
KKN 67.60 303 P 58 44.80 0.0
DMN 67.68 303 P 58 44.84 -0.5
GKN 68.20 303 P 58 49.02 0.5
0.6s 112.00nm 6.0mb
KOLN 68.99 303 P 58 53.06 -0.4
0.7s 123.00nm 6.0mb
DANN 69.05 303 P 58 55.06 1.1
0.4s 231.00nm 6.4mb
PYUN 69.61 303 P 58 57.72 0.5
0.6s 121.00nm 6.0mb
NDI 74.63 302 eP 59 27.80 1.0
POO 75.18 291 eP 59 13.50 -16.6X
YKA 99.94 28 eP 01 31.90 0.7
0.3s 0.30nm 4.3mb X
RSTA 145.95 155 (PKP) 07 40.00 13.7X
S.D. = 0.9 on 19 of 22 obs.

JUN 07, 1994 07h 50m 39.58± 0.58s
7.535 S ± 5.7km 120.074 E ± 7.7km
DEPTH = 414.7 ± 8.2 km
5.0mb (18 obs.)
FLORES SEA (279)

WSI 2.14 174 iPc 51 38.00 -0.2
eS 52 21.40
MKS 2.38 345 iPd 51 40.20 0.5
TRT 7.38 268 ePc 53 24.50 55.9X
iS 53 53.00
SJI 8.24 268 iPd 53 30.90 52.5X
iS 54 10.20
SLKI 11.13 93 iPc 53 10.00 -1.6
TSM 11.95 349 ePc 53 22.50 1.6
MTN 12.09 117 eP 53 21.00 -1.5
e 53 24.00
eS 55 41.00
LEM 12.38 272 iPd 53 25.00 -0.8
iS 55 28.00
MBL 13.55 181 iPd 53 37.50 -0.6
NANU 15.57 196 iPd 54 00.00 0.6
CGP 16.54 16 eP 54 10.00 0.6
WB2 18.54 133 iPc 54 29.30 -0.1
0.6s 284.90nm 5.9mb
i 54 56.10
iS 57 37.90
MEEK 19.05 184 iPd 54 35.20 0.8
KGM 19.22 299 ePc 54 38.20 2.2
1.2s 545.30nm 5.9mb
WARB 19.57 162 iPd 54 41.10 1.7
0.4s 69.00nm 5.5mb
ASPA 20.82 142 iPd 54 52.00 0.5
0.6s 331.10nm 6.0mb
i 55 10.40
eS 58 18.70
PGP 20.92 2 ePd 54 53.00 0.5
MRWA 21.91 190 eP 55 00.50 -1.2
0.4s 36.00nm 5.2mb
BAL 23.17 187 eP 55 12.80 -0.5
0.3s 16.00nm 5.0mb
COOL 23.25 178 iPd 55 13.00 -1.1
0.3s 13.00nm 4.9mb
KLB 24.03 185 eP 55 20.80 -0.4
FORT 24.30 163 eP 55 23.20 -0.4
0.6s 51.00nm 5.2mb
MUN 24.59 188 eP 55 25.50 -0.6
NWAO 25.40 186 eP 55 33.20 -0.3
CTA 28.26 119 iPc 55 58.50 -0.6
1.0s 15.00nm 4.3mb
e 57 16.00
STKA 31.44 143 iPd 56 26.30 -0.2
0.5s 78.20nm 5.3mb
e 57 38.60
KMI 36.59 333 Pd 57 11.60 1.5
1.2s 100.00nm 5.1mb
pP 57 25.40 52kmX
ARMA 37.30 132 iPc 57 17.30 1.4
0.7s 17.00nm 4.5mb
BWA 37.38 140 eP 57 18.00 1.6
TOO 37.75 146 eP 57 20.80 1.4
0.7s 46.00nm 4.9mb
i 58 57.30
CAN 38.31 140 eP 57 24.30 0.3
i 59 24.20
CNB 38.54 140 eP 57 25.30 -0.6
1.0s 19.00nm 4.4mb
LZH 46.00 342 eP 58 25.00 -0.5
1.5s 42.00nm 4.6mb
DZM 46.90 113 iPc 58 32.30 -0.4
GBA 47.26 296 Pc 58 33.80 -1.5
0.6s 999.90nm 6.3mb X
BJI 47.47 356 eP 58 34.50 -2.1
1.0s 11.00nm 4.2mb
HYB 47.94 302 eP 58 38.50 -2.0
1.0s 100.00nm 5.1mb
CSY 59.03 184 eP 00 02.30 2.8
MAIO 71.54 312 eP 01 18.00 -0.9
SPA 82.51 180 iPd 02 18.30 0.1
0.7s 3.91nm 4.2mb
LPB 154.76 161 PKP 09 59.10 13.3X
i 10 12.50
LPAZ 154.98 161 PKP 09 57.40 11.0X
i 10 13.00
S.D. = 1.2 on 38 of 42 obs.

? JUN 07, 1994 08h 07m 31.87± 5.66s
39.654 N ±32.6km 29.517 E ±33.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.6 (ISK).

IZI 0.68 357 ePg 07 45.00 -0.5
DST 0.69 266 ePg 07 45.60 0.1

eSg 07 55.60
YLV 0.92 353 ePn 07 50.00 0.5
KCT 1.07 304 iPn 07 52.00 -0.1
EDC 1.45 299 ePn 07 58.00 -0.1
S.D. = 0.5 on 5 of 5 obs.

JUN 07, 1994 08h 08m 31.32± 0.88s
42.146 N ± 7.7km 25.169 E ± 7.2km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

DIM 0.29 109 iPg 08 37.00 -0.3
PLD 0.35 263 Pg 08 32.00 -6.5X
KDZ 0.53 159 Pg 08 41.00 -1.0
RZN 0.57 217 iPg 08 42.00 -1.0
PVL 1.08 6 P 08 51.00 -0.6
JMB 1.10 73 Pg 08 51.00 -0.9
MMB 1.21 243 iP 08 55.00 1.1
ALN 1.41 152 eP 08 57.64 0.6
eS 09 15.44
SRS 1.57 230 iP 09 02.28 3.0X
eS 09 23.76
KKB 1.58 261 iP 09 02.00 2.6X
SOH 1.90 226 eP 09 07.84 3.7X
iS 09 34.32
DMK 1.96 99 ePn 09 07.00 2.1
OUR 2.02 207 eP 09 11.08 5.3X
MFT 2.09 130 ePn 09 11.00 4.1X
S.D. = 1.4 on 8 of 14 obs.

% JUN 07, 1994 08h 13m 56.72± 0.91s
26.385 S ± 8.9km 27.486 E ±10.6km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.6 (PRE).

PRY 0.54 181 eP 14 07.00 -0.6
S 14 13.60
SLR 0.97 48 eP 14 15.50 -0.1
S 14 27.50
SEK 1.93 176 iPd 14 31.70 1.0
S 14 56.10
SWZ 2.09 247 eP 14 33.10 0.1
S 14 58.40
BOSA 2.88 219 eP 14 44.00 -0.1
S 15 18.80
BLF 2.95 203 eP 14 45.00 -0.2
S 15 20.20
S.D. = 0.7 on 6 of 6 obs.

? JUN 07, 1994 08h 14m 16.65± 4.78s
38.493 S ±29.6km 175.629 E ±14.8km
DEPTH = 213.4 ± 33.5 km
NORTH ISLAND, NEW ZEALAND (159)

MGZ 0.51 188 P 14 45.40 -0.1
NGZ 0.68 182 P 14 46.30 -0.2
WAHZ 1.33 155 Pc 14 50.40 -0.1
eS 15 13.60
TTH 1.40 139 P 14 51.30 0.3
eS 15 15.40
MNG 2.13 183 Pc 14 58.00 0.2
S 15 27.10
KIW 2.43 193 P 15 01.10 0.1
CAW 2.65 189 P 15 03.50 0.1
DIW 2.66 209 P 15 03.60 0.1
MTW 2.66 182 P 15 03.30 -0.3
AMW 2.81 178 P 15 05.20 -0.1
MRW 2.83 194 P 15 05.40 0.0
eS 15 42.00
WEL 2.87 193 P 15 06.10 0.3
BLW 2.87 182 P 15 05.70 -0.2
TCW 2.91 201 P 15 06.50 0.2
MOW 2.94 186 P 15 06.40 -0.3
THZ 3.88 212 P 15 17.90 -0.1
LTZ 4.99 210 eP 15 31.80 0.0
S.D. = 0.2 on 17 of 17 obs.

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* JUN 07, 1994 08h 20m 24.02± 2.00s
42.528 N ±14.9km 111.316 W ±15.2km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 2.5 (GS).

PTI 0.85 294 eP 20 40.96 -0.1
HVU 1.32 236 eP 20 49.23 0.3
eS 21 09.35
DAU 2.11 179 eP 21 00.81 0.0
DUG 2.59 206 eP 21 07.02 -0.4
EMUT 2.74 172 (Pn) 21 09.34 -0.3
SRU 3.47 170 ePn 21 20.43 0.5
S.D. = 0.4 on 6 of 6 obs.

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* JUN 07, 1994 08h 20m 53.02± 0.61s
11.509 S ±10.1km 166.355 E ±13.9km
DEPTH = 33.0km (normal)
4.6mb (9 obs.)
SANTA CRUZ ISLANDS (184)

BKM 6.39 164 iPc 22 47.50 20.1X
iS 24 03.50
DZM 10.50 180 iPd 23 29.10 4.6X
iS 25 40.70
ARMA 23.26 214 iPc 26 01.50 2.8X
0.8s 17.00nm 4.6mb
MNG 30.09 166 P 27 01.20 -0.5
STKA 30.52 225 iPc 27 06.40 0.8
0.8s 11.50nm 4.7mb
LTZ 31.58 172 P 27 15.00 0.2
WB2 31.88 251 iPd 27 17.30 -0.4
0.9s 6.90nm 4.5mb
WRA 31.89 251 P 27 17.80 0.0
0.9s 3.20nm 4.2mb
ASPA 33.13 244 iPc 27 27.80 -0.8
0.7s 15.50nm 5.0mb
SPA 78.56 180 iPc 32 53.00 0.3
1.0s 2.50nm 4.2mb
FBA 83.57 18 iP 33 18.80 -0.1
0.7s 2.00nm 4.4mb
TAPN 85.35 299 P 33 29.70 0.7
ODAN 85.50 298 P 33 30.60 1.0
0.7s 16.00nm 5.3mb
GUN 87.06 299 P 33 38.14 0.7
KKN 87.55 299 P 33 40.10 0.5
DMN 87.65 299 P 33 39.36 -0.8
GKN 88.15 299 P 33 42.64 0.2
DANN 88.99 299 P 33 46.38 -0.2
KOLN 88.99 298 P 33 44.32 -2.2
PYUN 89.59 299 P 33 48.76 -0.6
0.9s 14.00nm 5.3mb
GBA 91.62 283 P 34 00.00 1.4
KHC 136.22 334 ePKP 40 28.50 15.6X
BCAO 147.39 260 iPKPc 40 36.10 2.5X
0.7s 39.00nm
S.D. = 0.9 on 18 of 23 obs.

JUN 07, 1994 08h 34m 06.78± 0.66s
11.395 N ± 5.2km 121.962 E ± 7.3km
DEPTH = 42.2 ± 8.6 km
4.7mb (10 obs.) 4.3Msz (2 obs.)
PANAY, PHILIPPINE ISLANDS (254)

MAP 2.25 118 iPc 34 42.00 -0.3
iS 35 07.00
PGP 2.31 335 eP 34 43.00 -0.3
GQP 2.54 11 iPc 34 45.00 -1.4
iS 35 11.00
TGY 2.87 340 iPc 34 52.50 1.2
iS 36 53.00
PLP 2.97 94 ePc 34 51.70 -0.9
iS 35 10.00
QCP 3.34 345 eP 35 02.00 4.2X
PPR 3.56 243 eP 35 00.00 -1.0
iS 36 12.00
CGP 3.97 137 ePd 35 07.00 0.2
BAG 5.16 345 eP+ 35 20.00 -3.8X
BIP 5.27 126 iPc 35 27.00 1.8
DAV 5.57 140 eP 35 34.60 5.2X
CVP 6.27 359 ePc 35 40.00 0.7
KKM 7.78 227 ePd 36 05.00 4.6X
TSM 8.13 210 iPd 36 06.00 0.7
0.5s 190.20nm 6.3mb X
SSE 19.62 358 P 38 35.20 0.5
Z 20s 0.90um
pP 38 43.00 30kmX
S 42 23.00
KMI 22.75 309 ePd 39 10.00 3.2X
1.2s 70.00nm 5.0mb
Z 18s 1.20um 4.4Msz
S 43 25.00
sS 43 30.00
BJI 28.99 351 eP 40 03.50 -1.1
1.4s 15.00nm 4.5mb
Z 20s 0.66um 4.2Msz
N 14s 0.40um
LZH 29.54 329 eP 40 10.00 0.1
Z 15s 0.68um 4.4MszX
E 10s 0.32um
sP 40 25.00
WRA 33.44 159 P 40 57.80 13.8X
1.1s 1.50nm
WB2 33.44 159 iPc 40 42.00 -2.1
0.6s 5.90nm 4.7mb
ASPA 36.75 162 iPd 41 11.50 -0.7
0.5s 11.70nm 5.0mb
WARB 37.63 173 eP 41 20.00 0.4
0.4s 19.00nm 5.3mb
HYB 42.40 283 eP 42 03.00 3.8X
GBA 43.48 278 P 42 13.50 5.5X
0.9s 8.59nm 4.5mb
NWAO 44.30 186 eP 42 15.00 0.6
e 42 18.00
STKA 46.96 157 eP 42 35.70 0.2
0.7s 5.50nm 4.6mb
INK 84.79 21 eP 46 41.50 3.9X
1.0s 3.00nm 4.4mb
MBC 85.53 12 eP 46 49.00 7.7X
DAG 89.07 352 eP 46 58.00 -0.4
0.8s 3.73nm 4.8mb
RES 91.10 9 eP 47 09.50 1.6
1.0s 2.00nm 4.5mb
LPAZ 169.06 118 PKP 54 14.70 2.8X
S.D. = 1.1 on 20 of 31 obs.

JUN 07, 1994 08h 49m 36.56± 0.87s
42.815 N ± 8.2km 110.964 W ± 5.8km
DEPTH = 5.0km (geophysicist)
WYOMING (460)
ML 3.2 (GS).

PTI 1.04 274 eP 49 57.58 0.9
eS 50 11.19
HVU 1.70 233 eP 50 06.41 -0.7
eS 50 26.92
DAU 2.41 185 eP 50 17.91 0.3
eS 50 45.64
DUG 2.96 209 eP 50 24.65 -0.6
EMUT 3.00 178 ePn 50 26.42 0.5
SRU 3.72 175 (Pn) 50 36.64 0.6
MSU 4.39 192 ePn 50 44.90 -0.8
PV09 4.53 161 (Pn) 50 48.67 1.0
PV10 4.67 161 ePn 50 50.12 0.5
RSSD 5.21 73 (Pn) 50 56.99 -0.2
GOL 5.24 125 (Pn) 50 57.01 -0.7
GLD 5.30 123 (Pn) 51 03.76 5.3X
ARUT 5.37 201 (Pn) 50 58.65 -0.8
S.D. = 0.8 on 12 of 13 obs.

? JUN 07, 1994 08h 51m 44.32± 3.06s
42.522 N ±21.2km 111.246 W ±25.1km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 2.9 (GS).

PTI 0.90 293 eP 52 02.13 0.0
HVU 1.36 237 eP 52 10.09 0.1
eS 52 30.36
DAU 2.11 180 eP 52 21.85 0.8
DUG 2.61 207 (P) 52 27.50 -0.5
EMUT 2.72 173 (Pn) 52 29.26 -0.5
SRU 3.45 171 (Pn) 52 41.91 1.9X
GOL 5.26 120 (Pn) 53 14.61 8.9X
S.D. = 0.8 on 5 of 7 obs.

% JUN 07, 1994 08h 52m 23.66± 0.90s
39.159 N ± 7.7km 27.581 E ± 9.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.80 198 ePg 52 39.00 -0.2
eSg 52 51.40
DST 0.93 61 ePn 52 42.10 0.7
EZN 1.18 305 ePn 52 46.00 0.4
EDC 1.21 10 ePn 52 46.00 -0.1
KCT 1.24 29 iPn 52 46.00 -0.7
S.D. = 0.8 on 5 of 5 obs.

% JUN 07, 1994 08h 57m 12.93± 0.87s
39.258 N ± 7.4km 27.683 E ± 8.7km
DEPTH = 10.0km (geophysicist)

07d 08h

TURKEY (366)
ML 2.7 (ISK).
DST 0.81 64 ePg 57 28.60 -0.1
IZM 0.92 201 ePg 57 30.40 -0.1
eSg 57 43.40
EDC 1.10 7 ePn 57 33.00 -0.5
BNT 1.11 9 ePn 57 33.00 -0.8
KCT 1.12 27 iPn 57 35.00 1.1
EZN 1.19 299 ePn 57 35.50 0.3
S.D. = 0.9 on 6 of 6 obs.

JUN 07, 1994 09h 01m 15.34± 0.91s
42.841 N ± 8.8km 110.923 W ± 6.2km
DEPTH = 5.0km (geophysicist)
WYOMING (460)
ML 3.2 (GS).
PTI 1.06 272 eP 01 37.00 1.0
HVU 1.74 233 eP 01 45.75 -0.7
eS 02 06.33
DAU 2.44 186 eP 01 57.22 0.4
DUG 3.00 209 eP 02 03.02 -1.6
EMUT 3.03 178 ePn 02 05.18 0.1
SRU 3.74 175 ePn 02 15.43 0.3
MSU 4.43 193 ePn 02 24.84 -0.1
PV10 4.68 162 ePn 02 29.39 0.8
RSSD 5.17 73 ePn 02 34.90 -0.6
GOL 5.23 125 (Pn) 02 36.60 0.3
ARUT 5.40 202 (Pn) 02 38.77 0.1
S.D. = 0.8 on 11 of 11 obs.

JUN 07, 1994 09h 18m 01.27± 0.41s
29.180 N ± 6.8km 130.236 E ± 6.0km
DEPTH = 43.2km (4 depth phases)
4.8mb (32 obs.) 4.2Msz (3 obs.)
RYUKYU ISLANDS (238)
KAGJ 2.08 16 P 18 35.80 1.5
KUMJ 3.38 9 P 18 54.50 1.6
SHNJ 4.99 8 eP 19 16.20 0.7
SHK 5.73 21 eP 19 25.50 -0.5
TKSJ 5.79 33 P 19 26.50 -0.4
S 20 29.60
YONJ 6.59 24 P 19 37.90 -0.2
WKYJ 6.79 41 P 19 39.80 -1.1
S 20 53.90
TSRJ 7.99 36 P 19 57.40 -0.2
SSE 8.07 286 Pnd 19 59.50 0.8
Z 20s 1.40um
E 13s 0.60um
i 20 06.50
MTMJ 9.74 39 eP 20 21.20 -0.8
MAT 9.94 40 eP 20 23.00 -1.5
CHJJ 10.07 45 eP 20 27.30 1.0
NIIJ 10.88 40 eP 20 35.20 -2.1
BJI 15.83 317 eP 21 44.00 1.3
1.0s 12.00nm 4.0mb
Z 14s 0.94um 3.6Msz
N 13s 0.68um
esP 21 52.50
eS 25 04.00
ASAJ 17.89 30 eP 22 07.10 -1.4
KUSJ 18.12 36 eP 22 09.60 -1.6
YSS 20.29 25 eP 22 35.70 -0.2
1.2s 40.00nm 4.6mb
LZH 23.23 294 eP 23 07.50 1.9
1.4s 62.00nm 4.9mb
Z 18s 0.68um 4.1Msz
E 10s 0.26um
pP 23 18.50 43km
KMI 24.77 267 ePc 23 20.00 -0.7
0.8s 30.00nm 4.9mb
Z 16s 1.20um 4.5MszX
pP 23 31.20 43km
sP 23 34.80
CIT 25.94 336 eP 23 32.00 0.8
ZAK 29.35 324 eP 24 00.50 -1.5
1.2s 12.00nm 4.5mb
SHL 34.15 273 iPd 24 43.00 -1.7
NDI 46.07 283 eP 26 21.50 -1.3
ILT 48.93 23 iPc 26 43.80 -0.9
0.8s 12.00nm 5.0mb
i 26 54.00 35km
WRA 48.99 175 P 26 45.20 -0.5
0.7s 3.40nm 4.5mb
WB2 49.00 175 eP 26 44.80 -0.9
0.8s 8.00nm 4.8mb
ipP 26 58.80 53km
GBA 51.14 264 P 27 01.00 -1.2
ASPA 52.66 176 iPd 27 12.90 -0.6
1.2s 6.30nm 4.5mb
SVE 55.06 321 ePd 27 30.50 -0.3
e 27 46.00 58kmX
TTA 57.09 32 eP 27 45.35 -0.1
0.8s 2.49nm 4.3mb
IMA 58.09 28 eP 27 52.10 -0.3
0.8s 1.98nm 4.3mb
FBA 60.61 29 eP 28 09.34 -0.3
0.6s 0.83nm 4.0mb
INK 65.49 24 eP 28 42.00 0.3
1.0s 3.00nm 4.3mb
MBC 66.55 14 ePc 28 48.00 -0.5
0.8s 19.00nm 5.2mb
SIT 68.33 36 eP 29 00.26 0.4
0.8s 9.98nm 4.9mb
KIV 68.74 309 eP 29 03.00 0.1
1.0s 17.00nm 5.0mb
Z 20s 0.10um 4.0Msz
KAF 70.79 331 iP 29 12.90 -1.9
0.6s 8.30nm 4.9mb
NUR 72.23 330 iP 29 21.50 -2.0
0.6s 11.00nm 5.0mb
RES 72.32 11 ePc 29 24.00 0.1
0.8s 19.00nm 5.1mb
DAG 72.58 353 iPd 29 24.00 -1.3
0.6s 7.33nm 4.8mb
YKA 75.11 26 eP 29 40.20 0.0
0.7s 6.50nm 4.7mb
UPP 75.58 331 iP 29 41.40 -1.5
HFS 77.04 333 eP 29 49.20 -1.9
0.3s 3.30nm 4.8mb
Z 18s 0.18um 4.4Msz
LR 04 01.00
NB2 77.45 334 P 29 51.60 -1.8
0.5s 2.10nm 4.4mb
GMW 79.41 41 eP 30 05.95 1.6
RMW 80.02 41 eP 30 09.07 1.3
OKC 80.99 323 e(P) 30 14.90 2.2
NEW 82.19 38 eP 30 19.96 0.9
0.8s 7.37nm 4.8mb
BRG 82.54 325 iP 30 22.10 1.4
CLL 82.74 326 iP 30 22.50 0.8
0.9s 19.00nm 5.1mb
PRU 82.78 324 eP 30 22.50 0.5
KHC 83.80 324 eP 30 27.50 0.2
1.0s 5.40nm 4.6mb
GEC2 83.91 324 P 30 28.00 0.0
0.7s 3.45nm 4.5mb
e 30 31.00 9kmX
GRF 84.64 325 ePc 30 32.00 0.5
1.0s 12.40nm 5.0mb
Z 17s 0.40um 4.9MszX
e(pP) 30 34.50 8kmX
KBA 85.20 322 iPc 30 35.70 1.2
0.6s 6.00nm 4.9mb
VOY 85.55 321 eP 30 35.50 -0.7
CMB 86.07 48 eP 30 39.71 0.8
0.5s 8.35nm 5.2mb
FRB 86.20 8 eP 30 39.00 0.0
0.8s 11.00nm 5.1mb
TPNV 89.38 47 (P) 30 56.76 1.7
MSU 90.97 44 eP 31 04.51 2.0
ULM 90.99 28 eP 31 05.50 3.5X
SRU 91.58 43 eP 31 06.30 1.1
RSSD 91.79 36 eP 31 07.23 1.1
0.6s 5.87nm 5.2mb
GLA 92.66 50 eP 31 11.99 1.9
PV10 92.94 43 ePc 31 13.50 1.9
NNA 149.54 61 iPKPd 37 48.50 5.0X
0.9s 14.29nm
LPAZ 158.79 57 PKP 38 02.10 5.4X
LPB 158.97 57 ePKP 38 07.00 10.4X
S.D. = 1.2 on 64 of 68 obs.

% JUN 07, 1994 09h 38m 05.82± 1.57s
11.123 N ± 7.9km 61.881 W ±19.3km
DEPTH = 33.0km (normal)
WINDWARD ISLANDS (95)
MD 3.4 (TRN).
TCE 0.44 163 iP 38 16.17 0.6
eS 38 27.10
TRN 0.67 135 iPd 38 19.29 0.5
eS 38 32.20
TPP 0.91 152 eP 38 21.31 -0.9
eS 38 38.79
TBH 1.02 128 iP 38 23.44 -0.4
eS 38 41.44
GRW 1.05 12 eP 38 24.31 -0.1
eS 38 42.34
BOT 1.14 88 eP 38 25.72 0.2
S.D. = 0.7 on 6 of 6 obs.

? JUN 07, 1994 09h 46m 51.72± 5.87s
34.001 S ±23.9km 72.186 W ±38.6km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.2 (SAN).
LNV 0.65 86 iP+ 47 05.30 0.7
iS 47 14.13
LCCH 0.73 45 iP+ 47 06.48 0.4
iS 47 16.37
TACH 1.10 72 iP+ 47 11.75 -0.6
iS 47 27.41
CHCH 1.28 87 iP+ 47 14.95 -0.5
iS 47 33.29
CACH 1.32 95 iPd 47 16.47 0.3
iS 47 35.48
SAN 1.38 67 iP+ 47 17.44 0.4
iS 47 35.44
ROCH 1.42 44 iP+ 47 17.47 -0.3
iS 47 36.44
PCH 1.44 75 iPd 47 17.53 -0.4
iS 47 37.15
PEL 1.52 56 iP+ 47 19.23 0.3
iS 47 38.94
FCH 1.72 68 iP+ 47 22.02 -0.1
iS 47 45.16
JACH 1.87 46 iP+ 47 24.14 0.0
iS 47 49.08
ZON 3.84 51 eP 47 56.00 3.9X
S.D. = 0.5 on 11 of 12 obs.

JUN 07, 1994 10h 08m 15.64± 0.78s
43.099 N ± 7.9km 18.170 E ± 5.3km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.1 (TTG).
BRY 0.34 126 iPgc 08 22.53 -0.2
iSg 08 28.79
NKY 0.67 115 iPgc 08 28.73 -0.3
iSg 08 39.52
HCY 0.69 160 iPgd 08 28.76 -0.6
iSg 08 39.87
PLE 0.92 75 iPgc 08 32.80 -0.6
iSg 08 47.21
BDV 0.95 149 iPgd 08 33.62 -0.1
iSg 08 48.64
TTG 1.05 129 iPgc 08 35.44 0.1
iSg 08 52.05
HVAR 1.26 274 iPn 08 39.10 0.0
iSn 08 57.80
IVA 1.29 100 iPgd 08 39.87 0.3
iSg 09 00.06
ULC 1.39 145 iPgd 08 41.61 0.6
PVY 1.42 110 iPgc 08 42.32 0.7
iSg 09 04.44
S.D. = 0.5 on 10 of 10 obs.

JUN 07, 1994 10h 10m 28.96± 0.75s
43.061 N ± 7.7km 18.172 E ± 5.2km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.2 (TTG).
BRY 0.32 120 iPgc 10 35.54 0.0
iSg 10 40.95
NKY 0.66 112 iPgc 10 41.66 -0.4
iSg 10 51.01
HCY 0.66 159 iPgd 10 41.67 -0.4
iSg 10 52.25
BDV 0.92 148 iPgc 10 46.54 0.1
iSg 11 00.16
PLE 0.93 73 iPgd 10 46.74 -0.1
iSg 10 58.98
TTG 1.02 128 iPgc 10 47.86 -0.4
iSg 11 02.57
HVAR 1.27 276 iPnd 10 52.40 -0.1

iSn 11 10.90
IVA 1.28 98 iPgd 10 52.66 -0.1
iSg 11 10.84
ULC 1.36 144 iPgd 10 54.64 0.7
iSg 11 13.78
PVY 1.40 109 iPgd 10 55.43 0.7
iSg 11 14.42
S.D. = 0.5 on 10 of 10 obs.

& JUN 07, 1994 10h 19m 33.64s
59.950 N 152.149 W
DEPTH = 79.9km
SOUTHERN ALASKA (2)
<AEIC>.

HOM 0.39 139 eP 19 46.04 -0.6
eS 19 57.01
NNL 0.44 77 iP 19 47.58 0.5
INE 0.47 284 eP 19 46.32 -1.2
eS 19 57.66
RED 0.56 327 eP 19 47.47 -0.8
eS 19 58.83
RSO 0.60 330 P 19 48.10 -0.6
S 19 59.60
RS2 0.60 330 iP 19 48.06 -0.7
eS 19 59.68
REF 0.61 333 iP 19 48.12 -0.7
eS 20 00.07
CNPM 0.63 132 eP 19 48.21 -0.6
eS 19 59.62
RDT 0.64 349 iP 19 48.20 -0.8
eS 20 00.30
BRLK 0.66 106 eP 19 48.54 -0.6
eS 20 00.27
AUE 0.86 227 P 19 50.20 -1.0
S 20 03.60
AUL 0.87 229 P 19 50.60 -0.8
S 20 04.40
AUP 0.87 228 P 19 50.70 -0.8
S 20 03.60
AUH 0.88 229 eP 19 50.73 -0.9
AUI 0.90 227 eP 19 50.78 -0.9
eS 20 03.94
NKA 0.92 29 eP 19 53.27 1.4
PDB 1.04 262 eP 19 51.79 -1.7
eS 20 06.38
SLKM 1.11 59 eP 19 53.35 -1.0
BKG 1.13 357 eP 19 54.03 -0.6
SPU 1.24 2 iP 19 55.57 -0.4
eS 20 12.89
CKT 1.26 359 P 19 55.80 -0.4
S 20 13.70
CDD 1.28 217 eP 19 54.85 -1.6
CKN 1.28 359 eP 19 56.30 -0.2
CP2 1.32 358 eP 19 56.99 -0.2
SYI 1.35 185 eP 19 56.16 -1.2
MCNL 1.35 236 P 19 55.40 -2.0
S 20 12.80
CGLM 1.36 3 eP 19 57.42 -0.2
SEW 1.36 82 eP 19 56.60 -0.9
NCG 1.46 360 eP 19 58.61 -0.3
PMS 1.82 43 P 20 03.00 -0.7
PMR 2.22 41 (P) 20 07.76 -1.2
KNK 2.34 49 eP 20 09.28 -1.4
CUT 2.63 19 eP 20 13.82 -0.8
SML 2.64 43 eP 20 13.70 -1.2
HIN 2.86 79 eP 20 15.76 -2.2
FID 2.93 72 eP 20 15.65 -3.2
VZW 2.98 66 eP 20 17.11 -2.6
ILB 5.42 25 eP 20 49.52 -4.1
IL1 5.42 25 eP 20 50.89 -2.8
IM3 6.10 354 eP 21 01.05 -2.0
40 obs. associated

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* JUN 07, 1994 10h 48m 38.40± 1.85s
43.896 N ±14.1km 6.129 E ± 7.7km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.0 (LDG).

CDR 0.34 230 ePg 48 45.50 0.0
eSg 48 49.70
e 48 52.20
LRG 0.47 159 Pg 48 48.20 0.2
Sg 48 58.50
FRF 0.50 132 Pg 48 48.60 0.0
Sg 48 58.60
LMR 0.63 154 Pg 48 50.70 -0.3
Sg 49 03.20
SBF 0.94 92 Pg 48 56.50 0.0
Sg 49 12.00
S.D. = 0.3 on 5 of 5 obs.

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* JUN 07, 1994 11h 03m 27.24± 5.32s
7.017 S ±11.9km 129.089 E ±37.9km
DEPTH = 176.9 ± 39.5 km
5.0mb (6 obs.)
BANDA SEA (280)

WSI 9.10 253 e(P) 05 35.90 0.0
eS 07 16.50
WARB 19.20 187 eP 07 40.00 0.0
0.4s 10.00nm 4.6mb
NANU 20.24 219 iPc 07 50.60 0.2
eS 11 37.00
MEEK 21.91 206 eP 08 07.00 0.0
eS 12 15.00
MRWA 25.30 208 eP 08 39.00 -0.1
0.4s 9.00nm 4.7mb
e 09 08.00
eS 13 22.00
BAL 26.18 205 eP 08 47.00 -0.2
KLB 26.64 202 eP 08 51.50 0.1
ODAN 52.59 312 P 12 25.88 0.6
TAPN 52.62 312 P 12 25.72 0.1
0.3s 12.00nm 5.0mb
RAMN 53.23 311 P 12 29.84 -0.2
0.6s 32.00nm 5.2mb
JIRN 53.92 312 P 12 35.74 0.5
GUN 54.28 312 P 12 37.12 -0.8
0.6s 17.00nm 5.0mb
PKI 54.45 311 P 12 39.14 0.0
KKN 54.67 311 P 12 41.20 0.7
GKN 55.26 311 P 12 43.98 -0.7
0.3s 18.00nm 5.3mb
KOLN 55.92 310 P 12 49.42 -0.1
PYUN 56.55 310 P 12 53.96 0.0
LPAZ 151.25 144 PKP 23 04.30 7.8X
S.D. = 0.4 on 17 of 18 obs.

JUN 07, 1994 11h 54m 07.80± 0.75s
42.686 N ± 7.2km 111.088 W ± 5.4km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 2.7 (GS).

PTI 0.96 281 eP 54 27.42 0.7
HVU 1.55 235 eP 54 35.71 -0.5
eS 54 56.01
DAU 2.27 183 eP 54 47.44 0.5
DUG 2.81 208 eP 54 53.84 -0.5
EMUT 2.88 176 ePn 54 54.69 -0.7
SRU 3.60 173 (Pn) 55 05.42 -0.1
MSU 4.25 192 (Pn) 55 14.28 -0.6
PV09 4.44 160 (Pn) 55 18.30 0.7
PV08 4.51 155 (Pn) 55 18.90 0.3
PV10 4.58 159 (Pn) 55 20.20 0.6
GOL 5.24 123 (Pn) 55 29.26 0.3
RSSD 5.33 72 (Pn) 55 29.61 -0.6
S.D. = 0.6 on 12 of 12 obs.

% JUN 07, 1994 12h 05m 25.79± 3.12s
59.136 N ±26.3km 5.768 E ± 8.6km
DEPTH = 5.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 2.0 (BER).

KMY 0.28 286 eP 05 31.43 0.0
iS 05 35.80
BLS5 0.46 51 eP 05 34.83 -0.1
eS 05 41.88
ODD1 0.89 29 eP 05 43.59 0.2
0.2s 18.30nm
e 05 45.73
EGD 1.17 347 eP 05 48.00 -0.1
eS 06 07.30
ASK 1.38 348 eP 05 51.70 0.0
eS 06 11.50
S.D. = 0.2 on 5 of 5 obs.

JUN 07, 1994 12h 14m 32.56± 0.40s
44.438 N ± 3.5km 7.231 E ± 3.8km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.1 (GEN).

PZZ 0.11 306 P 14 36.27 0.7
S 14 38.38
STV 0.20 161 P 14 37.23 0.1
S 14 40.21
ENR 0.25 147 P 14 38.01 0.1
S 14 41.54
ISO 0.29 207 e(Pg)c14 38.36 -0.2
e(Sg) 14 41.87
FOUF 0.33 286 ePgc 14 39.34 -0.1
eSg 14 43.43
BHB 0.40 3 P 14 40.99 0.2
S 14 46.62
ROB 0.48 107 P 14 42.48 0.1
S 14 49.18
RRL 0.58 327 P 14 44.08 -0.4
S 14 51.85
RSP 0.71 1 P 14 46.50 -0.2
S 14 55.61
FIN 0.74 108 P 14 46.81 -0.2
PCP 0.95 83 P 14 50.62 0.0
S.D. = 0.3 on 11 of 11 obs.

% JUN 07, 1994 12h 15m 29.03± 0.61s
42.386 N ± 5.5km 18.928 E ± 4.9km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

BDV 0.13 216 iPgc 15 33.18 1.0
iSg 15 35.57
TTG 0.25 80 iPgd 15 34.92 0.6
iSg 15 39.80
HCY 0.32 281 ePg 15 35.52 -0.2
iSg 15 41.19
NKY 0.43 7 iPgd 15 38.01 0.2
iSg 15 45.22
ULC 0.49 150 iPgc 15 37.96 -0.9
iSg 15 45.06
BRY 0.59 331 iPgd 15 40.43 -0.6
iSg 15 50.09
PVY 0.80 75 iPgc 15 44.39 -0.3
iSg 15 56.87
IVA 0.86 56 iPgd 15 45.90 0.2
iSg 15 59.31
S.D. = 0.8 on 8 of 8 obs.

? JUN 07, 1994 12h 20m 01.61± 8.00s
36.446 N ±65.8km 2.604 W ±19.7km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.7 (MDD).

ENIJ 0.61 31 eP 20 13.06 -0.9
eS 20 18.70
EGUA 0.86 297 eP 20 18.23 0.0
eS 20 27.60
ERON 1.12 301 eP 20 22.76 0.0
eS 20 35.50
ECOG 1.13 317 eP 20 21.62 -1.3
eS 20 32.10
EBAN 1.96 332 eP 20 36.24 1.0
eS 20 56.80
EVIA 2.19 2 eP 20 39.84 1.2
eS 21 02.30
S.D. = 1.3 on 6 of 6 obs.

? JUN 07, 1994 12h 31m 31.55± 6.84s
39.639 N ±36.8km 29.611 E ±40.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZI 0.70 351 iPg 31 46.00 0.5
DST 0.76 268 ePg 31 46.30 -0.1
eSg 31 56.80
YLV 0.94 349 ePn 31 49.00 -0.6
KCT 1.14 303 ePn 31 52.90 0.0
EDC 1.52 298 ePn 31 59.00 0.3
S.D. = 0.6 on 5 of 5 obs.

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* JUN 07, 1994 13h 17m 01.86± 1.66s
2.675 N ± 8.3km 127.464 E ±13.4km
DEPTH = 62.8 ± 18.1 km
4.8mb (6 obs.)
NORTHERN MOLUCCA SEA (266)

07d 13h

BIP 5.64 348 ePd 18 25.00 -0.2
eS 19 31.00
CGP 6.37 334 eP 18 34.00 -1.3
TSM 9.71 280 ePc 19 20.40 -1.0
PPR 11.18 309 ePd 19 41.00 -0.4
KKM 11.70 287 ePd 19 51.00 2.5
MTN 15.84 167 eP 20 44.50 2.0
MBL 24.84 197 eP 22 20.30 0.4
ASPA 26.92 167 eP 22 38.70 -0.6
0.7s 10.30nm 4.5mb
WARB 28.70 182 eP 22 55.00 -0.3
MEEK 30.37 196 iPc 23 10.40 0.2
MRWA 33.56 198 eP 23 37.40 -0.6
0.3s 6.00nm 5.0mb
COOL 33.91 190 eP 23 39.00 -2.0
BAL 34.65 196 eP 23 46.50 -0.9
KLB 35.31 194 eP 23 52.00 -0.9
NWAO 36.71 194 eP 24 04.00 -0.7
STKA 36.89 160 iPc 24 05.50 -0.8
0.4s 28.50nm 5.6mb
BJI 38.58 346 eP 24 19.50 -0.8
1.0s 8.00nm 4.6mb
LZH 39.78 330 eP 24 32.00 1.4
1.0s 24.00nm 5.0mb
ARMA 40.19 147 iPd 24 34.00 0.1
0.7s 9.00nm 4.7mb
BWA 41.84 154 iPc 24 50.80 3.5X
CAN 42.85 154 eP 24 57.90 2.3
GBA 50.60 285 P 25 58.00 1.3
MAIO 70.73 308 eP 28 08.00 -5.6X
PEL 145.25 153 ePKPd 36 35.00 0.3
S.D. = 1.3 on 22 of 24 obs.

JUN 07, 1994 13h 18m 27.99± 1.27s
59.047 N ±11.1km 5.810 E ± 5.2km
DEPTH = 5.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 2.5 (BER).

KMY 0.33 300 iPc 18 35.05 0.3
eS 18 39.07
BLS5 0.50 41 iPc 18 38.60 0.5
0.5s 252.80nm
eS 18 45.14
ODD1 0.96 25 eP 18 46.88 0.1
eS 18 59.27
EGD 1.26 347 eP 18 51.62 -0.3
0.6s 91.00nm
eS 19 07.43
ASK 1.47 348 iPd 18 55.18 0.0
eS 19 13.58
KONO 2.03 71 eP 19 04.08 0.8
eLg 19 31.36
SUE 2.08 346 eP 19 03.53 -0.5
eLg 19 32.30
HYA 2.13 5 eP 19 04.47 -0.2
eSg 19 35.98
FOO 2.59 352 eP 19 11.56 0.4
0.2s 51.30nm
eSg 19 47.37
NRAO 3.35 57 ePn 19 21.49 -0.5
ePg 19 33.92
eLg 20 10.04
HFS 4.15 71 eP 19 33.20 -0.2
0.1s 1.00nm
FIAO 10.35 68 ePn 20 59.57 -0.4
ARAO 13.46 31 ePn 21 37.99 -4.0X
S.D. = 0.5 on 12 of 13 obs.

JUN 07, 1994 13h 30m 03.47± 0.10s
44.493 N ± 1.7km 114.003 W ± 1.2km
DEPTH = 5.0km (geophysicist)
4.8mb (39 obs.) 4.3Msz (5 obs.)
WESTERN IDAHO (33)
ML 5.0 (GS). Mo=5.3*10**16 Nm (BRK). Felt (V) at Challis, Clayton, Ellis, Fairfield, May and Salmon; (IV) at Cascade, Hailey, Leadore, Moore, North Fork and Tendoy. Felt throughout much of central Idaho and as far as Butte and Helena, Montana.

BCYI 0.47 113 iPd 30 13.12 0.3
CNCI 0.69 145 iPd 30 16.00 -1.3
HWSI 0.86 131 iPc 30 19.92 -0.7
EMI 0.88 118 iPd 30 20.49 -0.5
MCMT 0.89 67 Pd 30 22.20 1.0
TCSI 0.95 156 iPd 30 20.47 -1.7
HPI 1.02 140 iPc 30 22.59 -0.8
JGI 1.03 112 iPd 30 23.79 0.2
LJI 1.07 128 eP 30 23.94 -0.3
COMI 1.07 164 iPc 30 22.58 -1.7
LLRI 1.09 135 iPc 30 24.24 -0.3
SMBI 1.12 152 iPd 30 24.05 -1.1
CRBI 1.19 123 iPc 30 25.86 -0.3
PZCI 1.22 97 iPd 30 26.99 0.2
NPRI 1.23 136 iPc 30 26.39 -0.6
CBTI 1.36 144 iPc 30 27.92 -1.3
GTRI 1.36 156 iPc 30 27.87 -1.4
SPCI 1.44 136 iPc 30 29.37 -1.0
KBI 1.48 127 iPc 30 30.41 -0.5
GBI 1.48 109 iPc 30 31.18 0.2
BGMT 1.58 61 Pd 30 33.45 1.0
HBMT 1.63 37 Pd 30 34.59 1.4
LRM 1.72 39 P 30 35.68 1.2
IRCI 1.72 124 iPd 30 34.53 0.1
eS 30 56.97
CPI 1.77 250 iPc 30 34.31 -0.6
LVRI 1.80 285 iPc 30 35.84 0.2
BUT 1.83 33 P 30 37.18 1.2
TMI 1.92 128 iPd 30 37.10 -0.2
SPVI 1.98 274 iPc 30 37.65 -0.5
PTI 2.01 143 eP 30 37.94 -0.6
LCCM 2.02 47 Pd 30 39.41 0.7
GRAI 2.04 109 Pd 30 39.97 0.9
BDID 2.08 279 iPc 30 39.61 0.0
TPOR 2.26 285 eP 30 41.93 -0.3
RAMW 2.28 104 ePd 30 43.75 1.2
S 31 14.48
IMW 2.28 104 iPc 30 43.86 1.2
MUDI 2.28 111 P 30 43.77 1.1
TARW 2.29 108 P 30 44.29 1.6
S 31 15.52
WPI 2.32 240 eP 30 42.00 -0.9
LIME 2.32 270 eP 30 42.40 -0.7
MEMT 2.42 62 P 30 45.18 0.6
TPAW 2.42 113 ePd 30 45.31 0.7
STEW 2.43 99 ePd 30 46.13 1.4
COLW 2.44 102 Pd 30 46.11 1.3
MOOW 2.46 106 ePd 30 46.00 0.9
S 31 19.35
AVOW 2.46 110 ePd 30 45.83 0.7
S 31 18.64
REDW 2.54 115 ePd 30 46.75 0.5
SNOW 2.56 113 P 30 48.00 1.4
SXM 2.57 49 Pd 30 47.33 0.6
TRXW 2.59 105 ePd 30 48.08 1.1
PACW 2.60 102 ePd 30 48.59 1.5
LOHW 2.60 109 ePd 30 47.81 0.7
HRY 2.69 34 Pd 30 48.52 0.2
BEAW 2.75 116 ePd 30 49.68 0.3
HAYW 2.78 107 ePd 30 51.27 1.5
ANGW 2.82 102 P 30 51.95 1.6
HVU 2.86 161 ePnd 30 50.04 -0.7
LGOR 2.93 286 eP 30 51.56 -0.2
LNOR 3.33 296 P 30 57.60 0.3
ET3 4.04 303 P 31 07.96 0.6
WIW 4.19 299 P 31 10.95 1.5
JBO 4.25 285 P 31 10.87 0.5
MJ2 4.30 301 P 31 11.49 0.5
NEW 4.34 331 ePnc 31 11.61 -0.1
ePg 31 26.70
PRW 4.36 295 P 31 11.77 -0.1
RSW 4.37 298 P 31 12.04 0.0
WRD 4.37 306 P 31 12.57 0.6
GBL 4.37 301 P 31 12.70 0.6
OD2 4.38 313 P 31 11.97 -0.2
DUG 4.38 168 eP 31 11.69 -0.7
eS 32 21.41
LOCW 4.41 302 P 31 12.95 0.3
CRF 4.44 304 P 31 12.89 -0.1
DPW 4.46 321 eP 31 13.05 -0.3
WAH2 4.51 302 P 31 14.16 0.2
DAU 4.56 153 ePn 31 15.60 0.6
MDW 4.57 300 P 31 14.84 0.0
BRVW 4.66 297 P 31 16.30 0.1
VTHM 4.71 281 P 31 18.54 1.5
BVW 4.73 301 P 31 17.07 -0.1
VIPM 4.73 272 P 31 18.81 1.4
EPH 4.84 308 P 31 18.80 0.1
MXC 4.89 297 P 31 19.54 0.2
VGB 4.91 284 ePn 31 18.30 -1.5
eS 32 39.96
SAW 4.94 312 P 31 19.32 -0.8
GMO 4.98 272 P 31 22.39 1.6
CROR 5.00 278 P 31 21.31 0.3
GL2 5.04 289 P 31 22.97 1.4
EBG 5.20 300 P 31 23.51 -0.3
NCOR 5.20 264 P 31 24.17 0.2
WTV 5.23 310 P 31 23.81 -0.5
EMUT 5.24 152 ePn 31 25.57 1.0
NAC 5.29 297 P 31 24.76 -0.3
DHW2 5.31 313 P 31 24.58 -0.8
TBM 5.33 302 P 31 25.24 -0.5
CBSW 5.34 310 P 31 25.80 -0.1
VFP 5.36 281 P 31 28.31 2.0
ETW 5.39 307 P 31 25.68 -1.0
VBEM 5.43 279 P 31 27.73 0.5
TCO 5.47 269 P 31 28.16 0.4
TWW 5.48 301 P 31 28.06 0.2
GULW 5.55 288 P 31 30.29 1.4
TDH 5.59 281 P 31 31.15 1.7
ASR 5.60 290 P 31 28.86 -0.8
NLW 5.67 311 P 31 29.48 -1.1
GLK 5.73 294 P 31 31.58 0.2
WPW 5.73 295 P 31 31.15 -0.3
FMW 5.90 297 P 31 33.37 -0.4
RCS 5.91 296 P 31 34.42 0.3
GT2 5.92 279 P 31 35.78 1.8
LON 5.92 295 eP 31 32.56 -1.5
REMR 5.97 296 P 31 34.58 -0.2
SRU 5.97 153 ePnd 31 35.41 0.6
SSOR 6.04 276 P 31 36.59 0.8
SHW 6.05 289 eP 31 35.37 -0.5
TDL 6.07 291 P 31 36.33 0.1
GSM 6.08 299 P 31 39.53 3.2X
MSU 6.13 166 ePn 31 35.87 -1.3
ERK 6.14 290 P 31 37.63 0.4
RMW 6.19 301 eP 31 36.62 -1.2
KVN 6.24 211 eP 31 38.56 -0.1
HTW 6.33 304 P 31 38.10 -1.7
BLH 6.50 304 P 31 42.51 0.4
LBFM 6.59 244 ePn 31 41.93 -1.7
ePg 32 07.08
JCW 6.62 307 P 31 44.67 0.8
ARUT 6.71 176 ePn 31 47.31 2.0
ePg 32 11.02
BMW 6.78 290 eP 31 46.56 0.4
eS 33 39.34
GMW 6.84 300 eP 31 46.11 -0.8
LMEM 6.85 237 eP 31 47.11 -0.1
TNP 6.85 202 ePn 31 48.66 1.4
YBH 6.94 250 eP 31 48.76 0.3
e 33 26.16
PV09 7.01 147 eP 31 49.46 -0.2
PV08 7.15 144 eP 31 51.46 -0.1
PV10 7.16 147 ePn 31 52.55 0.9
RSSD 7.16 90 eP 31 51.78 0.2
eSg 33 47.94
BONR 7.29 208 ePn 31 54.23 0.7
MCW 7.38 308 eP 31 54.21 -0.3
WDC 7.42 241 eP 31 53.97 -1.0
ORV 7.45 231 eP 31 57.60 2.2
TPNV 7.73 194 eP 32 00.04 0.5
ePg 32 29.97
MMPM 7.85 211 (P) 32 05.09 3.7X
MTUM 7.92 207 eP 32 04.22 2.0
GOL 8.01 124 ePn 32 03.68 0.2
ePg 32 32.99
CMB 8.04 219 eP 32 05.00 1.2
GLD 8.06 123 eP 32 04.93 0.7
HMR 8.63 225 (P) 32 13.13 1.2
NTYM 8.91 230 P 32 23.80 8.0X
ARN 9.13 221 (P) 32 18.59 -0.3
eSg 34 52.04
MHC 9.19 222 eP 32 22.54 2.8X
COE 9.27 221 (P) 32 21.54 0.8
GSC 9.43 194 ePn 32 22.96 -0.1
ePg 32 59.76
ISA 9.46 203 ePn 32 24.04 0.6
SAO 9.57 219 (P) 32 26.16 1.3
PKEM 9.62 211 P 32 22.80 -2.8X
PHAM 9.93 212 (P) 32 41.98 12.1X
ABL 10.43 204 ePn 32 37.14 0.2
CSP 10.51 195 (P) 32 37.35 -0.6
SSK 10.66 197 P 32 46.40 6.4X
PEC 10.86 194 eP 32 41.16 -1.6
ALQ 11.16 146 eP 32 45.29 -1.6
PLM 11.34 192 eP 32 52.82 3.4X
GLA 11.44 183 eP 32 50.90 0.3

```
TUC     12.42 167 eP     33 05.94    2.0
ULM     13.55  58 eP     33 18.50   -0.3
ACO     13.70 120 iPd    33 20.60   -0.2
WMOK    15.23 125 eP     33 39.09   -1.7
        1.5s   662.82nm          5.8mb
              eSg        38 03.63
MEO     15.31 124 iPd    33 40.90   -1.0
OCO     15.49 120 iPd    33 43.90   -0.3
TUL     16.32 115 iPd    33 52.60   -2.2
VVO     16.70 117 iPd    34 02.00    2.3
LTX     17.22 148 eP     34 06.05   -0.3
CCM     18.25 103 eP     34 17.36   -1.6
        0.7s    33.16nm          4.6mb
SIT     18.34 321 eP     34 19.27   -0.6
        1.3s    24.00nm          4.2mb
TYS     18.51 101 P      34 25.30    3.1X
MIAR    18.58 115 eP     34 22.55   -0.6
        1.2s    66.98nm          4.7mb
FVM     18.85 102 eP     34 25.15   -1.3
        0.8s   133.94nm          5.2mb
GRT     20.39 105 eP     34 43.03   -0.8
MFTN    20.47 105 (P)    34 44.99    0.4
DLA     23.43  83 P      35 17.10    2.9X
ELF     23.53  82 P      35 17.10    1.9
BALM    23.55 325 (P)    35 15.57    0.2
LDN     23.66  82 P      35 18.10    1.7
YSNY    25.69  82 eP     35 34.60   -1.4
        1.0s    49.77nm          5.2mb
INK     25.95 344 eP     35 39.50    1.4
        1.0s     5.00nm          4.2mb
NAV     25.97  94 eP     35 37.91   -0.7
BLA     26.29  94 eP     35 41.36   -0.2
        1.0s    32.61nm          5.0mb
JAQ     26.42  56 eP     35 41.50   -1.1
GAC     27.05  74 eP     35 48.50    0.1
JSC     27.12 101 eP     35 48.07   -1.1
CVL     27.35  91 eP     35 51.01   -0.2
COL     27.70 329 eP     35 54.19    0.1
        0.8s    16.73nm          4.9mb
FBA     27.70 329 eP     35 54.06   -0.1
        0.9s     3.15nm          4.1mb
CEH     27.85  96 eP     35 54.57   -1.2
        0.8s    29.00nm          5.1mb
SGS     28.23 102 (P)    35 57.86   -1.4
SVW     29.50 319 eP     36 09.90   -0.6
        0.9s    30.50nm          5.1mb
TTA     30.19 322 eP     36 14.99   -1.7
        0.8s    10.79nm          4.7mb
IMA     30.42 329 eP     36 16.87   -1.8
        1.2s     4.90nm          4.2mb
RES     31.46  10 eP     36 27.00   -0.5
        0.8s     6.00nm          4.6mb
FRB     31.92  37 eP     36 33.00    1.3
        0.9s     5.00nm          4.4mb
MBC     31.93 358 eP     36 33.00    1.3
        0.8s     4.00nm          4.4mb
DAG     48.35  18 iPd    38 47.30   -0.1
        0.9s    14.29nm          5.1mb
SDF     64.45  16 eP     40 41.00   -1.6
NB2     65.84  26 P      40 50.30   -1.4
        1.0s     6.10nm          4.8mb
HFS     67.32  25 eP     40 59.30   -1.7
        0.6s     6.40nm          5.0mb
      Z  18s     0.16um          4.3Msz
              LR         02 13.00
KUSJ    68.11 309 eP     41 04.20   -2.0
ASAJ    68.57 311 eP     41 08.90   -0.2
UPP     68.72  24 iP     41 08.70   -1.0
KAF     69.06  19 eP     41 10.90   -0.9
        0.7s     3.80nm          4.7mb
NUR     70.06  20 eP     41 16.90   -1.0
        0.4s     7.00nm          5.1mb
FLN     70.45  40 eP     41 20.30   -0.2
        1.1s    14.40nm          5.0mb
LDF     70.74  40 eP     41 21.30   -0.9
        0.7s     5.85nm          4.8mb
MFF     72.17  41 eP     41 30.80   -0.1
        0.7s     5.75nm          4.8mb
OFUJ    72.50 308 eP     41 28.10   -4.9X
TCF     73.50  40 eP     41 37.90   -0.9
        0.7s     3.75nm          4.6mb
LPAZ    73.51 134 P      41 38.00   -1.8
SSF     73.52  39 eP     41 38.00   -0.8
LOR     73.52  39 eP     41 38.20   -0.6
        1.2s    21.40nm          5.1mb
      Z  20s     0.13um          4.2Msz
BGF     73.60  40 eP     41 38.20   -1.1
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LPB      73.73 134 P      41 37.60  -3.2X
LBF      73.79  39 eP     41 39.60  -0.8
          0.9s     7.20nm          4.7mb
RJF      73.91  42 eP     41 40.30  -0.8
          0.9s    10.80nm          4.9mb
       Z  18s      0.13um          4.2Msz
SMF      73.98  39 eP     41 40.40  -1.1
          0.9s     5.10nm          4.6mb
HAU      74.06  37 eP     41 41.50  -0.4
       Z  18s      0.20um          4.4Msz
CLL      74.14  31 eP     41 42.00  -0.3
CDF      74.14  36 eP     41 42.10  -0.4
LPO      74.21  42 eP     41 42.30  -0.5
          1.0s    11.20nm          4.8mb
BSF      74.38  37 eP     41 43.20  -0.7
CAF      74.45  41 eP     41 43.50  -0.8
          0.8s     3.65nm          4.5mb
GRF      74.75  33 ePc    41 47.00   1.1
          1.2s    14.00nm          4.9mb
       Z  19s      0.20um          4.4Msz
                   e(pP)  41 49.70   9kmX
NIIJ     75.29 308 eP     41 49.10  -0.1
PRU      75.78  31 eP     41 52.00   0.2
KHC      76.12  32 eP     41 54.50   0.7
          1.0s     5.40nm          4.6mb
                   e      42 29.50
CHJJ     76.14 307 eP     41 54.00   0.0
MAT      76.23 308 (P)    41 54.00  -0.6
          1.2s    28.13nm          5.2mb
GEC2     76.40  33 P      41 55.50   0.1
          1.3s     5.97nm          4.5mb
                   e      41 58.70
MOTA     76.58  35 iPc    41 57.10   0.6
SQTA     76.72  35 iPc    41 58.20   0.9
WATA     76.78  35 iPc    41 58.50   0.9
WTTA     76.86  35 iPc    41 59.00   0.9
          1.3s    21.50nm          5.1mb
OKC      77.22  29 P      42 00.50   0.7
OBN      77.69  17 iPc    42 00.50  -1.8
          1.6s    64.00nm          5.5mb
       Z  16s      0.60um          5.0MszX
                   e      42 18.00
                   e      42 29.00
KBA      77.70  34 iPc    42 03.50   0.8
          1.3s    23.20nm          5.1mb
                   i      42 08.20
                   i      42 19.50
ZST      78.22  31 eP     42 05.20  -0.1
SPC      78.50  29 eP     42 06.80  -0.3
SRO      78.98  31 eP     42 11.30   1.8
WRA     119.03 270 PKP    48 54.70  -0.3
          0.9s     2.30nm
ASPA    121.71 267 ePKP   48 59.10  -1.0
FRS     144.77  79 ePKP   49 42.20  -0.7
BLF     145.00  78 iPKPc  49 42.70  -0.8
CSY     147.68 212 iPKPc  49 51.00   4.5X
          0.8s    14.00nm
       S.D. = 1.0  on 236 of 249 obs.
-------------------------------------
% JUN 07, 1994  13h 31m 37.42± 2.07s
   58.959 N ±17.1km    5.848 E ± 7.1km
   DEPTH =   5.0km  (geophysicist)
 SOUTHERN NORWAY                  (535)
       ML 2.4 (NAO). MD 2.5 (BER).

KMY       0.40 310 iPc    31 45.52   0.0
                   eS     31 49.58
BLS5      0.56  34 iPc    31 48.94   0.3
          0.4s   323.00nm
                   eS     31 55.77
ODD1      1.04  22 eP     31 57.20  -0.3
          0.3s   160.10nm
                   e      31 59.76
                   eS     32 09.46
SUE       2.17 346 eP     32 14.22  -0.5
                   eLg    32 43.20
HYA       2.22   4 eP     32 14.81  -0.6
          0.3s    45.60nm
                   eLg    32 45.85
                   e      32 49.97
FOO       2.68 352 eP     32 22.94   1.0
                   eLg    32 58.27
NRAO      3.38  56 ePn    32 31.94   0.0
                   ePg    32 40.58
                   eLg    33 20.52
HFS       4.16  70 eP     32 43.00   0.0
          0.2s     2.60nm
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ARAO    13.53  30 ePn    34 46.57  -5.7X
     S.D. = 0.6  on   8 of   9 obs.
-------------------------------------
  JUN 07, 1994  14h 12m 52.02± 0.43s
  40.700 N ± 5.0km   27.416 E ± 4.2km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                           (366)
       ML 3.3 (ISK). MD 3.3 (ATH).

MFT      0.13 310 iPg    12 54.80  -0.5
EDC      0.49 136 iPg    13 01.00  -1.0
                  iSg    13 09.00
BNT      0.52 132 iPg    13 02.00  -0.5
KCT      0.85 122 iPg    13 08.80   0.4
CTT      0.89  59 iPg    13 08.80  -0.3
DMK      1.15  13 iPg    13 14.00   0.5
                  iSg    13 29.00
EZN      1.21 224 iPn    13 14.60   0.1
ISK      1.30  73 ePn    13 15.80  -0.3
DST      1.43 139 ePn    13 18.50   0.4
RDO      1.49 288 eP     13 18.70  -0.1
                  eS     13 39.50
YLV      1.50  94 ePn    13 18.80  -0.2
PRK      1.70 212 eP     13 24.00   2.2
                  eS     13 47.60
HRT      1.72  85 ePn    13 21.80  -0.3
KDZ      1.78 303 iP     13 24.00   0.9
JMB      1.87 341 P      13 27.00   2.7
DIM      1.96 314 iP     13 26.00   0.4
RZN      2.26 297 iP     13 29.00  -1.2
IZM      2.30 183 ePn    13 31.00   0.3
PLD      2.48 305 iP     13 38.00   5.0X
MMB      2.92 289 eP     13 38.00  -1.4
KKB      3.47 291 iP     13 45.00  -2.1
MLR      4.91 348 eP     15 04.00  56.3X
GEC2    12.68 314 Pg     16 11.50  16.3X
        1.2s      1.08nm
     S.D. = 1.2  on  20 of  23 obs.
-------------------------------------
  JUN 07, 1994  14h 26m 14.14± 0.19s
  44.496 N ± 3.2km  113.965 W ± 2.7km
  DEPTH =   5.0km  (geophysicist)
  3.8mb (  3 obs.)
 EASTERN IDAHO                    (457)
       ML 4.3 (GS).

BCYI     0.44 115 iPd    26 23.69   0.6
CNCI     0.68 147 ePd    26 26.51  -1.2
HWSI     0.84 133 iPd    26 30.48  -0.6
EMI      0.86 119 ePd    26 31.11  -0.2
TCSI     0.94 158 iPd    26 31.05  -1.7
HPI      1.00 141 ePc    26 33.15  -0.7
JGI      1.01 113 iPd    26 34.02   0.2
LJI      1.05 130 iPc    26 34.44  -0.1
COMI     1.07 165 eP     26 33.09  -1.8
LLRI     1.07 136 iPc    26 34.75  -0.1
SMBI     1.11 153 iPd    26 34.69  -0.9
CRBI     1.17 124 iPc    26 36.53   0.0
PZCI     1.19  97 iPc    26 37.92   0.9
NPRI     1.22 137 iPc    26 37.04  -0.3
CBTI     1.34 145 iPd    26 38.86  -0.7
GTRI     1.36 157 ePc    26 38.71  -1.1
SPCI     1.42 137 ePd    26 39.88  -0.9
GBI      1.46 110 iPc    26 41.80   0.5
KBI      1.46 128 iPc    26 41.01  -0.3
IRCI     1.70 124 eP     26 45.11   0.3
TMI      1.90 128 ePd    26 47.71   0.0
PTI      1.99 144 eP     26 48.55  -0.5
                  S      27 15.77
IMW      2.26 104 iPc    26 54.51   1.5
HVU      2.85 162 eP     27 02.09   0.8
                  eS     27 40.12
JBO      4.28 285 P      27 22.75   1.3
NEW      4.35 331 eP     27 22.27  -0.2
DUG      4.38 168 eP     27 22.24  -0.8
PRW      4.38 295 P      27 22.92   0.0
RSW      4.39 298 P      27 23.50   0.5
WRD      4.39 306 P      27 23.85   0.9
OD2      4.40 313 P      27 22.34  -0.8
LOCW     4.43 302 P      27 23.38  -0.2
CRF      4.46 303 P      27 23.55  -0.4
DPW      4.48 320 eP     27 23.79  -0.5
WAH2     4.53 302 P      27 25.00   0.1
DAU      4.55 153 ePn    27 27.10   1.6
BVW      4.75 301 P      27 29.04   0.9
EPH      4.86 308 P      27 31.54   1.9
MXC      4.91 297 P      27 31.18   0.8
```

07d 14h

VGB 4.94 284 ePn 27 29.37 -1.4
eS 28 50.94
SAW 4.96 312 P 27 30.01 -1.0
GL2 5.06 289 P 27 33.61 1.0
EBG 5.22 300 P 27 34.20 -0.6
EMUT 5.23 152 eP 27 36.15 1.0
WTV 5.25 310 P 27 34.49 -0.8
NAC 5.31 297 P 27 35.45 -0.6
DHW2 5.33 313 P 27 35.90 -0.4
TBM 5.35 302 P 27 35.96 -0.7
ETW 5.41 307 P 27 36.31 -1.3
TWW 5.50 301 P 27 38.27 -0.6
ASR 5.63 290 P 27 39.69 -0.9
WPW 5.76 295 P 27 42.60 0.2
FMW 5.92 297 P 27 44.07 -0.7
LON 5.95 295 ePn 27 45.03 0.0
SRU 5.96 153 ePn 27 46.32 0.9
MSU 6.13 167 ePn 27 48.16 0.4
RMW 6.22 301 eP 27 48.72 -0.1
KVN 6.26 211 (Pn) 27 51.05 1.5
LBFM 6.61 244 (P) 28 00.21 5.6X
ARUT 6.71 176 (P) 28 05.34 9.3X
BMW 6.81 290 (P) 27 58.23 1.1
GMW 6.86 300 eP 27 58.78 0.9
TNP 6.86 202 (Pn) 27 58.94 0.9
PV09 7.00 147 ePn 28 01.68 1.5
RSSD 7.13 90 (Pn) 28 02.40 0.5
PV10 7.15 147 ePn 28 03.42 1.3
MCW 7.40 308 (P) 28 06.08 0.6
TPNV 7.74 194 ePn 28 09.61 -0.7
GOL 7.98 124 ePn 28 13.05 -0.8
CMB 8.06 219 eP 28 15.64 0.9
ULM 13.53 58 eP 29 41.00 11.9X
WMOK 15.20 125 (P) 29 51.02 -0.1
0.7s 3.16nm 3.8mb
YKA 18.04 359 eP 30 26.00 -0.9
0.8s 3.10nm 3.5mb
FVM 18.83 102 eP 30 36.63 -0.1
0.6s 8.79nm 4.1mb
S.D. = 0.9 on 71 of 74 obs.

JUN 07, 1994 14h 37m 55.36± 0.56s
12.928 N ± 4.7km 145.195 E ± 4.7km
DEPTH = 78.2 ± 4.4 km
5.1mb (46 obs.)
SOUTH OF MARIANA ISLANDS (210)
Felt at Agat and Tamuning, Guam.

GUA 0.67 336 iPc 38 10.70 0.0
eS 38 23.00
GUMO 0.73 334 iPc 38 11.40 0.0
eS 38 24.50
PJG 0.73 334 iPc 38 11.50 0.1
GQP 22.15 275 eP 42 47.00 1.1
PMG 22.27 175 eP 42 46.00 -1.2
KAGJ 22.45 326 P 42 50.60 1.8
WKYJ 22.92 339 P 42 54.90 1.4
CVP 23.03 285 ePd 42 52.60 -2.0
TKSJ 23.29 336 eP 42 56.40 -0.5
IIDJ 23.40 345 eP 42 59.10 1.1
KUMJ 23.54 328 P 43 00.80 1.5
CHJJ 23.69 347 P 42 59.60 -1.2
TSRJ 24.00 341 P 43 03.70 -0.1
MAT 24.34 346 (P) 43 05.00 -2.1
0.8s 70.15nm 5.1mb
eS 47 26.00
MTMJ 24.47 346 eP 43 07.00 -1.5
YONJ 24.57 336 P 43 09.80 0.4
SHNJ 24.68 331 P 43 10.10 -0.3
NIIJ 24.84 348 eP 43 10.80 -1.0
YAMJ 25.56 351 eP 43 17.70 -0.9
PPR 26.13 266 ePc 43 25.00 1.0
OFUJ 26.23 354 eP 43 23.70 -1.1
SSE 28.57 313 Pc 43 45.80 -0.2
1.0s 35.00nm 4.9mb
MTN 29.16 209 eP 43 59.20 7.8X
MRRJ 29.61 354 eP 43 52.40 -2.8
ASAJ 31.16 356 eP 44 07.70 -1.1
VLA 32.20 342 iPd 44 19.00 1.0
0.8s 210.00nm 6.0mb
i 44 29.00
e 49 30.00
CTA 32.82 178 iPc 44 22.00 -1.6
1.0s 15.00nm 4.8mb
BJI 37.16 322 eP 45 00.00 -0.3
1.0s 24.00nm 5.1mb
Z 20s 0.30um 4.1Msz

eS 50 44.00
ASPA 38.01 197 P 45 07.00 -0.7
DZM 40.55 149 iPd 45 37.10 8.3X
KMI 41.76 293 ePc 45 40.70 1.7
0.6s 20.00nm 5.1mb
pP 45 54.80 54kmX
WARB 42.86 205 eP 45 47.80 0.1
0.3s 4.00nm 4.7mb
ARMA 43.54 172 eP 45 51.60 -1.6
LZH 43.68 309 Pc 45 55.50 1.1
1.2s 85.00nm 5.5mb
STKA 44.68 184 eP 45 59.90 -2.3
1.4s 15.30nm 4.6mb
SMY 45.93 24 eP 46 12.50 0.6
0.7s 116.65nm 5.9mb
CIT 46.52 333 eP 46 18.00 1.4
ADK 49.47 30 eP 46 38.31 -1.1
0.5s 16.53nm 5.3mb
YAK 50.27 351 iPd 46 44.00 -1.4
1.0s 121.00nm 5.9mb
ZAK 50.56 326 iPc 46 48.00 0.2
1.3s 108.00nm 5.7mb
e 48 04.80
BOD 50.60 339 eP 46 44.30 -3.8X
1.3s 37.00nm 5.3mb
IRK 51.07 329 ePc 46 52.00 0.3
1.2s 44.00nm 5.4mb
TAPN 55.41 294 P 47 24.71 0.2
ODAN 55.67 294 P 47 26.41 0.1
RAMN 56.38 294 P 47 31.45 0.0
JIRN 56.77 295 P 47 34.59 0.2
0.7s 72.00nm 5.9mb
GUN 57.06 295 P 47 36.67 0.3
0.7s 94.00nm 6.0mb
PKI 57.46 294 P 47 38.85 -0.3
KKN 57.58 295 P 47 39.71 -0.2
DMN 57.73 295 P 47 40.91 -0.1
GKN 58.16 295 P 47 43.73 -0.1
DANN 58.94 295 P 47 49.51 0.0
0.6s 214.00nm 6.4mb X
KOLN 59.07 295 P 47 50.21 0.0
0.9s 128.00nm 6.1mb
SDN 59.51 33 eP 47 50.90 -1.6
0.8s 72.86nm 5.9mb
PYUN 59.61 295 P 47 53.85 -0.2
ILT 59.74 15 iPc 47 51.40 -2.6
1.2s 21.00nm 5.1mb
ANM 61.68 22 eP 48 06.78 -0.5
SVW 64.09 28 ePc 48 23.23 0.0
0.8s 69.67nm 5.6mb
HYB 64.20 283 ePc 48 25.00 0.4
1.0s 80.00nm 5.6mb
KDC 64.50 32 eP 48 26.14 0.4
0.7s 8.32nm 4.8mb
AUP 64.53 30 eP 48 25.11 -1.0
TTA 64.61 26 iPc 48 26.23 -0.3
1.0s 22.89nm 5.1mb
GBA 65.75 279 P 48 34.00 -0.5
0.6s 10.00nm 5.0mb
SLKM 66.41 29 iPd 48 37.48 -0.6
IMA 66.73 23 iPc 48 39.76 -0.4
0.8s 12.51nm 4.9mb
PMR 67.21 28 ePc 48 41.85 -1.2
0.5s 12.69nm 5.1mb
KLU 68.68 29 iPc 48 52.24 -0.1
FBA 68.69 25 ePc 48 50.75 -1.5
1.0s 5.29nm 4.4mb
BALM 70.29 30 ePc 49 01.43 -0.8
SIT 73.53 34 eP 49 20.26 -1.1
1.3s 13.24nm 4.7mb
INK 74.85 22 eP 49 29.00 0.2
0.9s 28.00nm 5.2mb
SVE 76.32 326 iPc 49 38.00 0.7
2.0s 64.00nm 5.2mb
ARU 77.47 325 eP 49 44.00 0.3
MBC 78.83 14 eP 49 51.00 0.1
0.8s 8.00nm 4.7mb
MAIO 79.04 305 eP 49 54.00 1.1
ASH 79.71 307 eP 49 58.00 1.7
MCW 81.71 42 (P) 50 07.69 1.0
GMW 81.94 43 eP 50 08.89 1.0
RMW 82.61 43 eP 50 12.29 0.9
YKA 83.30 27 eP 50 14.60 0.1
0.6s 8.40nm 4.9mb
Z 22s 0.13um 4.3Msz
LR 25 56.00
VGB 83.69 45 eP 50 17.79 0.8

LBFM 83.74 49 eP 50 18.73 1.2
e 50 24.43
ORV 84.40 51 eP 50 21.57 1.0
ARN 84.84 53 eP 50 23.83 0.9
e 50 29.56
DPW 84.90 42 eP 50 23.76 0.8
RES 85.12 13 eP 50 24.50 1.0
0.7s 5.00nm 4.6mb
NEW 85.51 42 ePd 50 26.50 0.5
0.8s 9.17nm 4.9mb
CMB 85.58 52 eP 50 27.39 0.8
0.7s 8.52nm 4.9mb
LVZ 85.62 339 (P) 50 25.30 -0.9
TNP 88.00 52 eP 50 39.84 1.3
0.8s 14.48nm 5.1mb
e 50 45.00
SDF 88.64 340 iP 50 41.00 0.2
GSC 89.03 54 eP 50 44.08 0.7
e 50 50.58
MOS 89.03 327 eP 50 41.00 -1.8
TPNV 89.03 52 eP 50 43.97 0.5
e 50 50.33
PEC 89.11 56 eP 50 43.63 -0.1
0.8s 15.77nm 5.3mb
e 50 50.76
PYA 89.65 315 eP 50 47.00 1.0
OBN 89.81 327 iPd 50 46.70 0.2
1.0s 54.00nm 5.7mb
e 50 58.00
KIV 89.93 315 eP 50 47.50 0.1
1.2s 23.00nm 5.3mb
Z 20s 0.10um 4.2Msz
DAG 89.97 356 eP 50 46.40 -0.4
0.7s 10.27nm 5.2mb
HHAI 90.07 45 eP 50 50.81 2.7
HVU 90.25 47 eP 50 50.45 1.4
e 50 55.96
DUG 90.70 49 eP 50 51.33 0.2
0.8s 6.80nm 5.0mb
ARUT 90.95 51 eP 50 53.43 1.1
GLA 91.22 56 eP 50 54.20 0.7
e 51 01.24
KAF 91.45 336 iP 50 53.40 -0.5
0.7s 12.10nm 5.4mb
MSU 91.68 50 eP 50 57.02 1.2
DAU 91.77 48 eP 50 56.66 0.4
EMUT 92.28 48 eP 50 58.72 0.2
e 51 04.86
SRU 92.72 49 eP 51 00.31 -0.2
NUR 92.98 335 eP 50 58.70 -2.3
RSSD 95.44 43 (P) 51 11.98 -1.0
0.6s 2.59nm 4.9mb
HFS 97.52 338 ePKP 51 20.90 -0.9
0.5s 4.00nm 5.2mb
NB2 97.78 339 P 51 22.10 -0.9
0.5s 0.90nm 4.6mb
GEC2 105.06 329 PKP 56 11.30 1.1
0.7s 0.70nm
GRF 105.70 331 e(PKP) 56 20.80 9.5X
Z 26s 0.10um 4.2MszX
KBA 106.40 328 iPKPc 56 29.80 16.9X
1.2s 16.20nm
EKA 106.97 342 PKPc 56 29.30 15.9X
0.9s 7.90nm
BCAO 124.29 285 ePKPd 56 49.10 1.3
0.5s 5.00nm
KIC 144.51 301 PKPc 57 25.08 -0.3
1.2s 131.50nm
TIC 144.59 302 PKP 57 25.18 -0.3
1.1s 66.50nm
LIC 144.82 301 PKP 57 26.08 0.2
1.1s 153.00nm
LPAZ 147.60 100 iPKPc 57 31.70 0.6
LPB 147.62 100 PKP 57 30.10 -0.8
MOCB 149.43 110 PKP 57 35.50 1.8
CCH 149.46 102 ePKP 57 40.00 6.3X
SIV 154.39 100 PKP 57 41.50 1.1
S.D. = 1.0 on 119 of 126 obs.

JUN 07, 1994 15h 32m 43.82± 0.64s
35.292 N ± 5.9km 3.879 W ± 6.4km
DEPTH = 33.0km (normal)
STRAIT OF GIBRALTAR (385)
mbLg 3.4 (MDD). MD 3.6 (RBA).

EMEL 0.75 89 iP 32 58.63 0.6
eS 33 10.40

```
TAF      1.29 111 iPn    33 08.00   2.2
                  iSn    34 27.00
                  i      34 30.00
EGUA     1.56   9 eP     33 08.56  -1.0
                  eS     33 27.30
ERON     1.72   2 eP     33 11.55  -0.5
                  eS     33 33.00
EJIF     1.73 312 eP     33 11.50  -0.6
                  eS     33 31.10
PLAT     1.74 299 iP     33 14.50   2.3
MOMI     1.82 305 eP     33 16.00   2.7
ELOJ     1.86 353 eP     33 13.38  -0.7
                  eS     33 34.10
ALJ      1.96 315 iP     33 16.50   1.0
ECOG     2.00   7 eP     33 15.06  -0.9
                  eS     33 39.20
EPRU     2.00 327 eP     33 16.18   0.2
                  eS     33 38.50
LIJA     2.03 323 iP     33 17.50   1.1
IFR      2.05 211 iPn    33 17.00   0.2
                  iSn    33 42.50
                  i      33 53.50
CNIL     2.07 302 eP     33 17.50   0.6
ENIJ     2.15  38 eP     33 18.29   0.2
                  eS     33 43.70
ELUQ     2.29 352 eP     33 20.53   0.5
                  eS     33 44.90
EHUE     2.72  22 eP     33 26.12  -0.1
                  eS     33 55.40
EHOR     2.76 337 eP     33 25.78  -0.8
                  eS     33 55.90
EBAN     2.87   1 eP     33 26.85  -1.4
                  eS     33 59.50
EVIA     3.52  18 eP     33 37.21  -0.4
                  eS     34 15.60
AVE      3.54 237 iPn    33 35.00  -2.8
                  iSn    34 15.00
                  i      34 23.00
PAB      4.26 355 ePn    33 47.00  -1.1
                  eSn    34 37.00
                  eSb    34 48.50
TIO      5.20 214 iPn    34 00.00  -1.5
                  iSn    34 58.00
     S.D. = 1.4  on  23 of  23 obs.
--------------------------------------
   JUN  07, 1994  15h 43m 43.39± 0.70s
   43.964 N ± 4.3km    5.952 E ± 5.5km
   DEPTH =  10.0km  (geophysicist)
 NEAR SOUTH COAST OF FRANCE      (379)
      ML 2.3 (LDG).

CDR      0.32 205 ePgc   43 50.00   0.0
                  eSg    43 54.50
                  i      43 55.30
LRG      0.59 150 Pg     43 55.00  -0.3
                  Sg     44 04.70
FRF      0.65 128 Pg     43 56.10  -0.2
                  Sg     44 06.10
CALN     0.71 107 Pg     43 58.32   0.8
LMR      0.75 147 Pg     43 58.20   0.2
                  Sg     44 10.00
MVIF     0.87  94 Pg     43 59.97  -0.3
TOUF     0.94  87 Pg     44 00.92  -0.5
AURF     1.00  94 Pg     44 02.39   0.0
                  Sg     44 16.34
REVF     1.05 102 Pg     44 03.62   0.4
AUTN     1.07  88 Pg     44 03.09  -0.5
                  Sg     44 18.91
SBF      1.08  95 Pg     44 03.90   0.2
                  Sg     44 19.40
LPG      1.64  20 Pg     44 12.60   0.0
LPL      1.65  19 Pg     44 12.80   0.1
     S.D. = 0.4  on  13 of  13 obs.
--------------------------------------
% JUN  07, 1994  16h 01m 07.90± 0.97s
  26.857 S ±10.8km   26.811 E ±10.2km
  DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA        (584)
      ML 2.5 (PRE).

BFS      0.05 209 iPc    01 09.70   0.3
                  S      01 10.90
SWZ      1.36 256 eP     01 33.20  -0.5
                  S      01 48.80
SEK      1.63 154 iPd    01 37.00  -0.5
                  S      01 55.70
SLR      1.73  50 iPc    01 39.10   0.2
                  S      02 02.50
BOSA     2.14 215 eP     01 45.40   0.7
                  S      02 12.60
     S.D. = 0.7  on   5 of   5 obs.
--------------------------------------
% JUN  07, 1994  16h 05m 32.60± 0.93s
  16.474 N ± 8.4km   61.587 W ±12.0km
  DEPTH =  33.0km  (normal)
 LEEWARD ISLANDS                 ( 92)
      ML 2.6 (FDF).

DOG      0.44 184 eP     05 42.71   0.4
PAG      0.45 191 eP     05 42.80   0.2
DEG      0.53 107 eP     05 44.12   0.4
                  S      06 00.39
MGG      0.61 155 ePc    05 43.83  -0.9
BPA      0.62 336 eP     05 44.90  -0.1
                  S      06 01.80
     S.D. = 0.8  on   5 of   5 obs.
--------------------------------------
? JUN  07, 1994  16h 08m 31.01± 7.00s
  45.386 N ±26.7km    6.588 E ±40.6km
  DEPTH =  10.0km  (geophysicist)
 FRANCE                          (538)
      ML 2.0 (GEN).

LSD      0.41  80 P      08 39.43   0.0
                  S      08 45.02
RRL      0.49 163 P      08 41.08   0.1
                  S      08 47.90
RSP      0.53 116 P      08 41.81   0.1
                  S      08 48.95
BHB      0.72 138 P      08 45.02  -0.3
     S.D. = 0.3  on   4 of   4 obs.
--------------------------------------
% JUN  07, 1994  16h 18m 54.56± 0.77s
  40.699 N ± 6.2km   29.897 E ± 5.6km
  DEPTH =   5.0km  (geophysicist)
 TURKEY                          (366)
      ML 2.9 (ISK).

HRT      0.21 305 iPg    18 58.80  -0.1
EYL      0.24 124 iPg    18 59.30  -0.2
YLV      0.42 252 iPg    19 02.20  -0.8
                  iSg    19 09.70
IZI      0.49 222 iPg    19 04.30   0.0
                  iSg    19 10.80
ISK      0.73 300 ePg    19 08.70  -0.5
CTT      1.20 292 iPg    19 17.80   0.4
KCT      1.26 250 ePn    19 18.80   0.4
BNT      1.55 258 ePn    19 22.80   0.0
EDC      1.59 258 ePn    19 24.00   0.6
DMK      1.96 306 ePn    19 29.00   0.1
     S.D. = 0.5  on  10 of  10 obs.
--------------------------------------
% JUN  07, 1994  16h 19m 58.42± 0.96s
  44.258 N ± 8.2km    8.224 E ± 7.4km
  DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                  (545)
      ML 1.8 (GEN).

FIN      0.05 193 P      20 00.68   0.0
                  S      20 01.92
ROB      0.26 278 P      20 04.12   0.2
                  S      20 07.87
PCP      0.37  39 P      20 05.95   0.0
                  S      20 10.89
ENR      0.58 267 P      20 09.97  -0.2
                  S      20 17.89
BHB      0.90 311 P      20 15.69   0.0
     S.D. = 0.2  on   5 of   5 obs.
--------------------------------------
   JUN  07, 1994  16h 25m 29.34± 0.92s
  11.183 S ± 5.9km  113.628 E ±10.4km
  DEPTH =  53.2 ± 11.2 km
  5.2mb ( 7 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

DNP      2.94  32 ePd    26 15.00   0.4
                  e      29 56.00
LEM      7.35 306 ePd    27 16.50  -0.2
NANU    11.46 171 iPc    28 12.40  -0.6
                  eS     30 13.00
MBL     11.57 150 eP     28 13.50  -0.9
                  iS     30 13.00
MEEK    16.08 164 eP     29 15.00   1.6
                  eS     32 03.00
ASPA    22.95 125 eP     30 38.60   8.6X
         1.2s      4.20nm         3.7mb X
                  eS     34 46.90
STKA    33.01 133 eP     32 16.60  15.0X
         1.8s     14.60nm
ODAN    45.60 326 P      33 46.84   0.4
TAPN    45.82 327 P      33 48.84   0.6
         0.7s     14.00nm          5.0mb
RAMN    46.10 326 P      33 51.14   0.7
JIRN    46.88 326 P      33 57.34   0.5
PKI     47.25 325 P      33 59.46  -0.2
         1.1s     30.00nm          5.2mb
GUN     47.25 326 P      33 59.64   0.0
         0.7s     22.00nm          5.2mb
DMN     47.45 325 P      34 01.26   0.1
KKN     47.49 325 P      34 01.06  -0.3
GKN     48.01 325 P      34 05.32  -0.1
KOLN    48.43 324 P      34 08.54  -0.2
         0.7s     17.00nm          5.2mb
DANN    48.78 324 P      34 11.26  -0.2
         0.7s     25.00nm          5.3mb
PYUN    49.04 323 P      34 12.96  -0.4
         1.1s     29.00nm          5.2mb
BJI     51.01   3 eP     34 27.00  -0.9
         1.4s     12.00nm          4.7mb
     S.D. = 0.7  on  18 of  20 obs.
--------------------------------------
? JUN  07, 1994  16h 36m 08.69± 1.00s
  44.257 N ± 9.8km    8.219 E ± 8.2km
  DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                  (545)
      ML 1.7 (GEN).

FIN      0.05 189 P      36 10.91   0.0
                  S      36 12.19
ROB      0.25 279 P      36 14.30   0.2
                  S      36 18.14
PCP      0.37  39 P      36 16.27   0.0
                  S      36 21.12
ENR      0.57 267 P      36 20.16  -0.2
     S.D. = 0.3  on   4 of   4 obs.
--------------------------------------
   JUN  07, 1994  16h 50m 35.53± 1.19s
  38.719 N ± 8.0km   26.509 E ± 8.3km
  DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                      (365)
      ML 3.5 (ISK). MD 3.3 (ATH).

PRK      0.56 341 iPbc   50 46.90   0.1
                  eSb    50 54.50
IZM      0.67 118 iPg    50 49.20   0.3
                  iSg    50 59.70
EZN      1.11 353 iPn    50 56.60   0.2
DST      1.87  61 iPn    51 07.80  -0.1
EDC      1.93  32 iPn    51 09.00   0.2
BNT      1.97  33 iPn    51 08.80  -0.4
KCT      2.09  43 iPn    51 10.80  -0.3
MFT      2.15  16 iPn    51 11.70  -0.3
KHL      2.40  99 ePn    51 15.00  -0.5
RDO      2.54 343 ePn    51 17.40   0.0
IZI      2.80  54 ePn    51 21.00  -0.3
CTT      2.84  31 ePn    51 21.50  -0.2
YLV      2.88  49 ePn    51 23.00   0.6
ISK      3.06  39 ePn    51 25.00   0.3
HRT      3.21  48 ePn    51 27.80   0.7
DMK      3.24  17 ePn    51 27.00  -0.4
     S.D. = 0.4  on  16 of  16 obs.
--------------------------------------
% JUN  07, 1994  17h 36m 22.82± 0.93s
  40.714 N ± 7.7km   29.922 E ± 6.7km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
      ML 2.9 (ISK).

HRT      0.22 299 iPg    36 26.80  -0.8
EYL      0.23 129 iPg    36 27.70  -0.2
                  eSg    36 30.70
YLV      0.44 251 iPg    36 31.20  -0.7
                  iSg    36 38.20
IZI      0.51 222 iPg    36 33.20   0.0
                  iSg    36 39.70
CTT      1.21 291 iPn    36 45.70   0.3
KCT      1.28 249 ePn    36 46.80   0.2
BNT      1.57 257 ePn    36 51.80   1.1
EDC      1.61 258 ePn    36 51.00  -0.4
DMK      1.97 305 ePn    36 57.00   0.4
     S.D. = 0.7  on   9 of   9 obs.
```

% JUN 07, 1994 18h 14m 36.60± 1.22s
43.037 N ± 8.9km 18.717 E ± 7.3km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.6 (TTG).

BRY 0.19 223 iPgd 14 41.54 0.7
iSg 14 44.82
NKY 0.30 137 iPgd 14 43.46 0.5
iSg 14 48.85
PLE 0.58 59 iPgd 14 48.01 -0.3
iSg 14 57.08
HCY 0.61 195 iPgd 14 48.20 -0.7
iSg 14 57.46
TTG 0.73 146 iPgd 14 50.40 -0.5
iSg 15 02.34
BDV 0.76 174 iPgd 14 51.17 -0.2
iSg 15 02.69
IVA 0.88 100 iPgd 14 53.81 0.2
iSg 15 07.67
PVY 1.02 115 ePg 14 56.42 0.4
iSg 15 12.57
S.D. = 0.6 on 8 of 8 obs.

JUN 07, 1994 18h 31m 42.08± 0.14s
5.792 S ± 3.5km 104.436 E ± 3.7km
DEPTH = 41.7km (12 depth phases)
5.7mb (56 obs.)
SOUTHERN SUMATERA, INDONESIA (274)
Mw 5.4 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 43C
Centroid Location:
Origin Time 18:31:48.1 0.5
Lat 6.47S 0.04 Lon 104.72E 0.05
Dep 15.0 BDY Half-duration 1.1
Moment Tensor; Scale 10**16 Nm
Mrr= 8.67 0.62 Mtt=-9.86 0.37
Mff= 1.19 0.81 Mrt= 9.82 1.06
Mrf=-8.90 0.89 Mtf= 1.40 0.71
Principal Axes:
T Val= 16.81 Plg=57 Azm= 58
N -1.15 17 299
P -15.66 27 200
Best Double Couple:Mo=1.6*10**17
NP1:Strike=255 Dip=24 Slip= 44
NP2: 124 74 108

LEM 3.33 108 iPc 32 38.50 5.4X
eS 33 21.00
SJI 7.53 105 iPc 33 37.80 5.6X
KGM 7.83 352 iPd 33 42.00 5.6X
0.6s 351.30nm 6.5mb
e 34 02.60
IPM 10.85 342 ePd 34 20.10 2.2
DNP 11.07 106 ePd 34 22.00 1.2
e 37 45.00
KHKI 11.38 104 ePc 34 25.00 -0.1
eS 34 30.20
WSI 16.18 105 ePd 35 27.00 -1.2
eS 38 42.00
KKM 16.63 45 ePc 35 39.50 5.5X
1.2s 236.70nm 5.2mb
TSM 16.75 54 iPd 35 41.50 6.2X
NANU 19.82 148 iPc 36 11.80 -0.4
PPR 21.02 43 ePc 36 26.50 1.8
CGP 24.66 55 eP 37 03.00 2.5
0.6s 20.00nm 4.8mb
DAV 24.67 59 eP 37 05.00 4.4X
1.6s 1066.67nm 6.1mb
MEEK 24.75 148 eP 37 02.00 0.7
MAP 25.20 51 iP 37 07.00 1.3
PGP 25.23 40 ePd 37 08.00 2.1
TGY 25.66 40 iPd 37 15.00 5.0X
MRWA 25.74 156 eP 37 09.40 -1.2
BIP 25.83 58 eP 37 15.00 3.5X
PLP 26.49 51 ePd 37 20.10 2.5
GQP 26.50 42 ePc 37 17.50 -0.2
BAG 27.23 36 eP 37 24.20 -0.4
MTN 27.24 107 eP 37 23.00 -1.5
0.5s 245.00nm 6.1mb
MUN 28.28 159 eP 37 32.00 -1.8
KLB 28.54 156 eP 37 34.00 -2.1
WARB 29.34 136 eP 37 42.00 -1.4
0.6s 26.00nm 5.1mb

COOL 29.49 150 eP 37 44.00 -0.6
KMI 30.77 357 eP 37 55.70 -0.6
1.0s 50.00nm 5.2mb
Z 20s 3.20um 5.0Msz
pP 38 06.20 38km
sP 38 10.00
GBA 33.01 306 P 38 16.00 0.3
0.6s 15.00nm 5.0mb
FORT 33.32 141 eP 38 17.00 -1.3
ASPA 33.46 125 P 38 19.29 -0.3
SHL 33.47 339 iPc 38 18.00 -1.8
eS 43 33.10
HYB 34.43 313 ePc 38 28.00 0.0
ODAN 36.41 334 P 38 44.19 -0.8
TAPN 36.70 335 P 38 46.99 -0.5
RAMN 36.84 333 P 38 48.33 -0.3
0.4s 70.00nm 5.9mb
JIRN 37.64 333 P 38 54.81 -0.6
PKI 37.92 332 P 38 56.65 -1.1
0.8s 65.00nm 5.6mb
GUN 37.99 333 P 38 57.85 -0.6
DMN 38.10 332 P 38 58.21 -1.0
KKN 38.17 332 P 38 58.83 -0.9
GKN 38.65 331 P 39 02.93 -0.8
KOLN 38.96 330 P 39 05.79 -0.6
0.6s 233.00nm 6.2mb
DANN 39.36 331 P 39 09.03 -0.8
0.7s 381.00nm 6.3mb
PYUN 39.54 330 P 39 10.57 -0.6
0.6s 184.00nm 6.0mb
SSE 40.02 23 P 39 17.00 2.2
Z 20s 0.90um 4.6Msz
PcP 41 19.50
LZH 41.66 359 eP 39 29.00 0.6
1.0s 39.00nm 5.1mb
Z 18s 0.74um 4.6Msz
pP 39 42.00 49km
sP 39 47.50
PcP 41 25.00
ScP 45 10.00
PcS 45 16.00
S 45 45.00
ScS 49 25.00
i 49 52.50
PMG 42.48 98 eP 39 35.00 -0.3
ADE 42.91 137 eP 39 39.10 0.5
CTA 43.02 113 P 39 40.79 1.2
NDI 43.15 324 iPc 39 40.20 -0.3
0.6s 300.00nm 6.2mb
STKA 43.34 132 iPc 39 41.90 -0.1
0.8s 234.90nm 6.0mb
epP 39 51.70 33km
eS 46 06.20
KAGJ 44.62 33 P 39 52.90 0.5
KUMJ 45.64 32 P 40 00.60 0.2
BJI 46.87 12 eP 40 10.50 0.5
1.0s 57.00nm 5.5mb
Z 22s 1.12um 4.8Msz
N 17s 1.06um
ePcP 41 43.00
ePP 42 03.00
eS 47 12.00
eSS 50 38.00
SHNJ 47.03 31 P 40 12.00 0.6
TKSJ 48.47 33 P 40 22.80 0.1
TOO 48.93 136 iPc 40 27.60 1.3
0.5s 20.00nm 5.4mb
iPP 41 50.70
YONJ 49.07 32 eP 40 27.90 0.6
WKYJ 49.50 34 P 40 30.80 0.1
BWA 49.59 131 eP 40 32.60 1.2
CAN 50.40 132 eP 40 37.70 0.1
ARMA 50.61 125 eP 40 40.30 0.9
0.8s 18.00nm 5.1mb
CNB 50.67 132 eP 40 40.00 0.3
0.8s 12.00nm 5.0mb
TSRJ 50.69 33 P 40 39.70 0.1
IIDJ 51.73 35 P 40 46.70 -0.9
MTMJ 52.46 34 P 40 52.10 -1.1
MAT 52.65 34 iPc 40 52.80 -1.7
1.7s 223.08nm 5.9mb
eS 48 52.00
CHJJ 52.75 35 P 40 53.50 -1.7
KAKJ 53.54 36 P 40 58.60 -2.4
NIIJ 53.60 34 P 40 59.90 -1.5
VLA 54.68 24 iPc 41 10.00 0.8
1.6s 897.00nm 6.5mb

i 41 20.00 33km
YAMJ 54.84 34 eP 41 09.70 -0.8
FRU 55.45 334 iPc 41 14.20 -0.8
1.4s 200.00nm 6.0mb
ZAK 55.96 359 iPc 41 18.30 0.0
1.3s 73.00nm 5.5mb
e 43 28.00 728kmX
eS 49 25.00
e 50 53.00
OFUJ 56.38 34 eP 41 20.30 -1.4
AOMJ 56.71 32 eP 41 23.40 -0.6
IRK 57.84 360 eP 41 30.50 -1.2
1.6s 53.00nm 5.4mb
Z 20s 0.85um 4.9Msz
N 18s 0.75um
E 18s 0.35um
e 42 20.00 218kmX
CIT 58.10 7 eP 41 33.00 -0.6
e 42 25.30 232kmX
MRRJ 58.41 31 eP 41 35.30 -0.6
HOOJ 59.55 33 eP 41 43.30 -0.5
ASAJ 60.42 31 P 41 49.00 -0.7
CSY 60.54 177 P 41 52.79 2.6
KUSJ 60.80 33 P 41 51.30 -1.0
ASH 61.04 319 eP 41 53.00 -1.1
NOUC 61.80 112 iPc 41 58.90 -0.6
DZM 61.93 112 iPc 41 59.70 -0.8
YSS 62.53 29 eP 42 02.70 -1.1
0.7s 230.00nm 6.4mb
e 42 08.00 17kmX
e 42 17.20
KAT 63.09 320 iPc 42 06.00 -1.7
BKM 63.32 107 iPc 42 09.50 -0.2
BOD 63.92 6 iPc 42 11.70 -1.1
0.9s 104.00nm 5.9mb
KER 67.17 311 iPc 42 32.00 -2.4
THZ 70.14 132 P 42 51.60 -1.0
0.6s 13.00nm 5.1mb
YAK 70.37 12 iPc 42 51.30 -2.1
1.1s 470.00nm 6.4mb
Z 22s 0.60um 4.8Msz
N 20s 0.60um
E 19s 0.50um
MOZ 71.07 129 eP 42 58.50 0.3
SKR 71.61 32 eP 43 00.00 -1.2
0.7s 70.00nm 5.7mb
e 43 11.90 40km
CAW 71.64 131 eP 43 20.70 19.1X
MGZ 71.70 129 P 43 01.20 -0.9
NGZ 71.78 129 P 43 01.80 -0.8
SVE 71.86 336 iPc 43 02.20 -0.4
1.1s 300.00nm 6.2mb
Z 24s 0.40um 4.6MszX
N 24s 0.30um
E 24s 0.40um
e 43 20.00 66kmX
MNG 71.88 131 P 43 15.40 12.4X
MTA 71.93 317 iPc 43 03.80 0.6
0.8s 160.00nm 6.0mb
i 43 24.40 78kmX
eS 52 14.00
eS 52 20.00
MTW 71.97 131 P 43 03.20 -0.3
GRO 72.06 319 iPc+ 43 05.00 1.0
1.5s 160.00nm 5.8mb
i 43 18.00 45km
iS 52 20.00
i 52 48.00
AMW 72.19 131 P 43 04.80 0.0
e 43 13.70 29kmX
ARU 72.42 335 iPc 43 05.80 0.0
1.2s 270.00nm 6.1mb
Z 24s 0.50um 4.7MszX
e 43 19.00 46km
eS 52 22.00
WAHZ 72.42 130 P 43 02.70 -3.6X
TTH 72.76 129 eP 43 00.70 -7.5X
VUN 73.06 107 eP 43 09.00 -1.3
PYA 74.08 319 iPc 43 16.00 0.2
1.0s 150.00nm 5.9mb
i 43 33.00 62kmX
PET 74.24 31 eP 43 16.00 -0.4
0.5s 240.00nm 6.4mb
KIV 74.29 319 iPc 43 16.50 -0.6
Z 19s 0.10um 4.1Msz
(pP) 43 24.00 24kmX
(sP) 43 28.80

```
              i      52 45.20
SLR    75.05 245 iPd    43 20.20  -1.7
       0.7s    22.00nm        5.2mb
KSR    76.30 245 eP     43 26.50  -2.6
BLF    76.95 242 eP     43 33.70   1.1
BOSA   77.62 242 eP     43 36.70   0.6
LFK    77.95 308 eP     43 37.60  -0.3
CSS    78.03 307 eP     43 38.50   0.2
KSL    81.28 308 eP     43 54.70  -0.9
MOS    82.02 328 eP     43 58.00  -1.0
              e      47 08.00
OBN    82.32 328 iPc    44 01.30   0.7
       1.1s    97.00nm        5.8mb
              e      44 12.00  34km
POF    82.39 241 eP     44 18.00  16.4X
       0.5s    12.00nm
SPA    84.24 180 eP     44 10.00  -0.6
       0.8s     3.33nm       4.5mb X
NPS    84.25 306 eP     44 12.40   1.4
KIS    84.46 318 iPc+   44 12.00   0.3
       1.0s   300.00nm        6.4mb
PRK    84.53 310 eP     44 13.10   0.8
ALN    85.04 312 eP     44 15.17   0.4
VAM    85.41 306 eP     44 18.50   1.7
RDO    85.47 312 eP     44 17.60   0.7
VRI    85.63 317 eP     44 18.20   0.6
MLR    86.08 316 eP     44 20.50   0.4
BCAO   86.38 275 iPd    44 22.00   0.0
       0.8s    32.00nm        5.6mb
              i      44 35.90  47km
PAIG   86.63 311 iP     44 22.65   0.0
VLI    86.65 307 eP     44 21.00  -1.9
CMP    86.66 316 ePd    44 22.00  -0.8
MNK    86.96 325 eP     44 24.00   0.0
SOH    87.03 311 eP     44 24.78   0.1
PUL    87.06 331 eP     44 25.00   0.7
       1.5s   190.00nm        6.1mb
KNT    87.43 312 eP     44 26.70   0.1
LIT    87.56 311 eP     44 27.38   0.2
GRG    87.77 311 eP     44 28.46   0.2
LVZ    87.86 339 eP     44 27.40  -0.7
DEV    88.25 316 iPd    44 33.00   2.7
IGT    89.11 310 eP     44 35.38   0.7
UZH    89.12 319 ePd    44 36.00   1.5
       1.0s    55.00nm        5.8mb
              e      44 43.50  23kmX
              e      44 52.20
              e      48 06.20
KEK    89.55 310 eP     44 38.00   1.3
KAF    89.56 333 iP     44 36.40   0.2
       0.6s    61.70nm        6.1mb
BEO    89.78 315 iP     44 37.50  -0.1
NUR    89.99 331 iP     44 38.30   0.1
       0.6s    27.80nm        5.7mb
ILT    90.41  22 iP     44 38.00  -2.1
       1.9s    20.00nm        5.1mb
SPC    90.55 319 iP     44 42.50   1.1
              ePP    48 17.80
SRO    91.64 318 iP     44 46.60   0.5
              i      48 25.30
OKC    91.99 320 P      44 49.00   1.3
              e      45 03.50  49km
              e      48 28.40
ZST    92.49 318 iP     44 51.30   1.2
              e      48 31.40
PTJ    93.05 316 iP     44 53.60   0.8
UPP    93.36 330 iP     44 54.00   0.3
              i      44 55.60   5kmX
LJU    94.06 316 eP     44 58.00   0.7
              ePP    45 06.50  41km
              e      45 10.50
              e      45 17.50
PRU    94.32 320 eP     44 59.20   0.8
       0.9s    10.20nm        5.3mb
BRG    94.76 321 iPd    45 01.50   1.1
       1.4s    26.00nm        5.5mb
              e      48 50.00
GEC2   94.80 318 P      45 00.70  -0.1
       1.4s    14.50nm        5.2mb
              e      45 14.60  47km
              PcP    45 20.10
              PP     48 49.90
KHC    94.90 319 P      45 01.60   0.4
       1.0s     5.40nm        4.9mb
              e      45 30.00 107kmX
              e      46 06.50
              e      48 49.00
```

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HFS    95.35 330 ePKP  45 01.80  -1.1
       0.7s    15.90nm         5.6mb
     Z  17s     0.09um        4.3MszX
                LR      27 06.00
CLL    95.37 321 iPd   45 03.60   0.4
       1.5s    17.00nm         5.3mb
MOX    96.23 320 eP    45 08.10   0.9
       1.5s    16.00nm         5.3mb
GRF    96.46 319 ePc   45 09.00   0.7
       1.3s    24.80nm         5.6mb
     Z  18s     0.10um        4.3Msz
                e(PP)   49 01.60
NB2    96.59 331 P     45 08.40  -0.2
       0.9s     5.00nm         5.0mb
IMA   100.09  24 ePdiff45 24.82   0.3
       0.7s     2.92nm         4.9mb
DAG   102.89 349 iPdiff45 35.70  -0.8
       0.6s    10.67nm         5.7mb
MBC   105.62  10 ePdiff45 52.00   3.3X
INK   106.82  19 ePdiff45 54.00  -0.2
INK   106.82  19 ePKP  50 04.50   0.3
RES   110.25   5 ePKP  50 10.50   0.0
       0.9s     2.00nm
MCW   121.50  35 ePKP  50 33.28   0.5
BMW   122.38  37 ePKP  50 34.98   0.4
RMW   122.72  36 ePKP  50 35.25   0.0
FMW   123.08  36 PKP   50 36.45   0.4
LON   123.09  36 ePKP  50 36.24   0.3
SHW   123.12  37 ePKP  50 36.91   0.8
ASR   123.52  37 PKP   50 37.52   0.6
WTV   123.66  35 PKP   50 37.05   0.0
EBG   123.73  36 PKP   50 37.95   0.7
SAW   123.97  34 PKP   50 37.71   0.1
DBO   123.97  41 PKP   50 38.53   0.7
VBEM  124.08  38 PKP   50 38.67   0.6
VGB   124.34  37 ePKP  50 38.96   0.5
CROR  124.49  38 PKP   50 39.44   0.7
DPW   124.54  34 ePKP  50 38.81   0.1
NEW   124.90  33 ePKP  50 39.50   0.1
VIPM  124.96  38 PKP   50 40.74   0.9
YBH   124.96  42 ePKP  50 41.76   2.0
       3.1s   130.00nm
WDC   125.59  43 ePKP  50 41.40   0.4
       1.2s    20.00nm
LNOR  125.62  36 PKP   50 41.27   0.3
LBFM  125.68  42 ePKPd 50 42.28   0.9
ORV   126.77  44 ePKP  50 43.60   0.3
       1.1s    10.00nm
CMB   128.23  45 ePKP  50 46.35   0.2
       1.2s    10.00nm
BONR  129.72  44 ePKP  50 51.01   1.7
TNP   130.41  44 ePKP  50 51.70   1.2
PTI   130.81  36 ePKP  50 52.42   1.3
TPNV  131.64  44 ePKP  50 53.13   0.3
                eSKP    54 13.40
GSC   132.04  47 ePKP  50 54.90   1.4
CSP   132.09  48 ePKP  50 55.31   1.6
DUG   132.15  39 ePKP  50 54.62   0.9
PEC   132.42  48 ePKP  50 55.71   1.5
DAU   132.98  38 ePKP  50 56.11   0.6
MSU   133.53  40 ePKP  50 57.09   0.6
EMUT  133.61  38 ePKP  50 57.56   1.0
GLA   134.54  48 ePKP  50 59.95   1.7
PV08  135.70  38 ePKP  51 03.06   2.3X
GOL   136.87  34 ePKP  51 00.73  -2.1X
CBM   138.51 352 ePKP  51 04.44  -0.8
ALQ   139.34  40 ePKP  51 01.13  -6.3X
ALQ   139.34  40 ePKP  51 08.07   0.6
                eSKP    54 38.46
ITR   140.25 249 ePKP  51 08.00  -1.4
JFWS  140.81  17 ePKP  51 07.80  -1.7
YSNY  143.37   4 ePKP  51 08.78  -5.3X
WMOK  144.09  34 ePKP  51 12.75  -2.8X
MEO   144.16  33 iPKPc 51 14.00  -1.6
OCO   144.19  31 iPKPc 51 13.00  -2.7X
LTX   144.61  45 ePKPc 51 15.42  -1.2
TYS   144.69  21 ePKP  51 13.84  -2.5X
TUL   144.73  29 iPKPd 51 14.90  -1.6
TBR   144.78 358 ePKP  51 15.03  -1.4
WCC   144.85 358 ePKP  51 14.74  -1.8
GPD   144.91 359 ePKP  51 14.86  -1.8
PNJ   145.01 358 i(PKP)51 16.01  -0.8
VVO   145.21  30 iPKPc 51 16.80  -0.6
FVM   145.22  21 ePKPc 51 16.03  -1.3
BAO   145.38 232 ePKP  51 17.30  -1.0
                i       51 31.80
LST   146.77  21 ePKP  51 20.68   0.8
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MIAR  146.89  28 ePKPd 51 20.51   0.4
GRT   147.11  21 ePKP  51 21.48   1.0
MFTN  147.22  21 ePKP  51 21.71   1.1
CVL   147.85   4 ePKP  51 21.70   0.1
                 ePKPbc51 24.79
NAV   148.26   8 ePKP  51 22.39   0.1
                 ePKPbc51 24.80
CEH   149.87   6 ePKP  51 24.54  -0.2
                 ePKPbc51 29.16
LHS   151.04   9 ePKP  51 26.87   0.3
                 ePKPbc51 32.02
PRM   151.15  12 ePKP  51 27.55   0.8
                 ePKPbc51 32.84
JSC   151.17  10 ePKP  51 27.19   0.4
                 ePKPbc51 32.88
MOCB  151.42 200 PKP   51 29.10   1.0
SGS   152.35   9 (PKP) 51 28.35  -0.2
CCH   155.16 202 PKP   51 35.00   1.8
LPB   156.62 198 (PKP) 51 33.00  -2.4X
LPAZ  156.86 198 PKP   51 37.00   1.1
                 LR     45 36.00
    S.D. = 1.0  on 221 of 243 obs.
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  JUN 07, 1994  18h 36m 06.68± 0.18s
  44.537 N ± 2.7km  113.967 W ± 2.2km
  DEPTH =  5.0km  (geophysicist)
  4.1mb (  5 obs.)
 EASTERN IDAHO                    (457)
   ML 4.5 (GS). Felt (V) at Clayton
   and Ellis; (IV) at Challis and
   May; (III) at Lemhi and Tendoy.

BCYI    0.46 119 iPd    36 16.95   1.0
CNCI    0.71 149 ePd    36 19.68  -1.2
ICI     0.76 105 iPc    36 23.09   0.9
HWSI    0.87 134 iPd    36 23.68  -0.4
EMI     0.88 121 iPd    36 24.29   0.1
TCSI    0.98 159 iPd    36 24.19  -1.7
JGI     1.03 115 ePc    36 27.37   0.7
HPI     1.04 142 iPc    36 26.50  -0.4
LJI     1.08 131 iPc    36 27.64   0.1
LLRI    1.10 137 iPc    36 27.88  -0.1
COMI    1.11 166 iPc    36 26.29  -1.8
SMBI    1.15 154 iPd    36 27.83  -1.0
CRBI    1.19 126 iPc    36 29.55   0.1
PZCI    1.20  99 iPd    36 30.78   1.1
NPRI    1.25 138 iPc    36 29.99  -0.4
CBTI    1.38 146 iPc    36 31.54  -1.2
GTRI    1.39 158 iPc    36 31.52  -1.4
SPCI    1.45 138 iPc    36 33.01  -0.7
GBI     1.47 111 iPc    36 34.77   0.7
KBI     1.49 129 iPc    36 34.14  -0.1
IRCI    1.73 126 iPd    36 38.14   0.4
TMI     1.93 129 iPd    36 40.66   0.0
PTI     2.03 145 ePd    36 41.61  -0.5
                 eS     37 08.05
IMW     2.27 105 iPc    36 47.39   1.7
HVU     2.89 162 eP     36 53.41  -1.0
                 eS     37 31.61
ET3     4.04 302 P      37 14.35   3.8X
JBO     4.27 285 P      37 14.11   0.3
PATW    4.31 290 P      37 15.19   0.8
NEW     4.32 331 ePn    37 14.46  -0.1
PRW     4.36 295 P      37 16.08   0.9
RSW     4.37 297 P      37 16.29   1.0
OD2     4.37 312 P      37 15.71   0.5
GBL     4.37 300 P      37 16.07   0.8
LOCW    4.41 302 P      37 15.87   0.1
DUG     4.42 168 ePn    37 14.88  -1.3
DPW     4.45 320 ePn    37 15.66  -0.7
WAH2    4.51 301 P      37 17.99   0.8
MDW     4.57 299 P      37 18.94   0.9
DAU     4.58 153 ePnc   37 20.26   1.7
BRVW    4.66 297 P      37 20.27   0.8
BVW     4.73 301 P      37 20.29  -0.1
VIPM    4.76 272 P      37 21.40   0.5
MXC     4.89 297 P      37 22.44  -0.2
VGB     4.93 284 ePn    37 23.33   0.1
SAW     4.93 312 P      37 22.46  -0.7
CROR    5.02 278 P      37 24.37  -0.2
GL2     5.05 289 P      37 26.03   1.1
EBG     5.20 299 P      37 26.51  -0.5
EMUT    5.27 153 ePn    37 28.91   0.7
NAC     5.29 297 P      37 28.23  -0.1
DHW2    5.30 313 P      37 27.50  -1.0
TBM     5.33 302 P      37 28.22  -0.7
ETW     5.39 307 P      37 28.54  -1.3
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07d 18h

VBEM 5.45 278 P 37 30.44 -0.2
BPO 5.52 274 P 37 32.72 1.0
GULW 5.56 287 P 37 31.85 -0.4
ASR 5.61 289 P 37 31.68 -1.3
WPW 5.74 295 P 37 34.80 0.1
FMW 5.90 297 P 37 36.22 -0.8
LON 5.93 295 ePn 37 35.70 -1.6
SRU 6.00 153 ePn 37 39.24 0.8
SHW 6.06 289 ePn 37 39.27 0.1
MSU 6.17 167 ePn 37 40.96 0.1
RMW 6.19 301 ePn 37 40.46 -0.6
KVN 6.29 211 ePn 37 44.10 1.5
VRC 6.40 253 P 37 41.65 -2.2
LBFM 6.63 244 ePn 37 47.36 0.0
ARUT 6.75 176 ePn 37 50.72 1.6
BMW 6.79 290 (Pn) 37 50.16 0.7
GMW 6.84 299 ePn 37 50.20 0.1
TNP 6.90 202 (Pn) 37 51.25 0.1
PV09 7.04 147 ePn 37 53.34 0.2
RSSD 7.13 90 ePn 37 54.74 0.3
PV08 7.17 144 ePn 37 55.83 0.8
BONR 7.34 208 ePn 37 58.40 1.0
MCW 7.38 307 ePn 37 57.59 -0.1
WDC 7.46 241 (Pn) 37 58.34 -0.5
TPNV 7.78 194 ePn 38 04.40 1.0
GOL 8.01 124 ePn 38 07.46 0.7
CMB 8.09 219 ePn 38 08.89 1.2
ARN 9.18 221 (Pn) 38 23.82 1.1
ULM 13.51 59 eP 39 20.50 -0.9
WMOK 15.23 125 eP 39 43.52 -0.5
0.7s 4.41nm 4.0mb
MIAR 18.58 115 eP 40 24.57 -1.7
0.8s 5.75nm 3.8mb
FVM 18.84 102 eP 40 28.79 -0.7
0.8s 21.33nm 4.4mb
LHS 27.32 100 eP 41 50.70 -3.5X
FBA 27.67 329 (P) 41 57.60 0.5
TTA 30.17 322 eP 42 18.95 -0.8
0.8s 2.49nm 4.1mb
RES 31.41 10 eP 42 30.50 0.2
1.0s 3.00nm 4.2mb
WRA 119.06 270 PKP 55 05.20 6.9X
0.7s 0.30nm
S.D. = 0.9 on 87 of 90 obs.

JUN 07, 1994 18h 43m 01.47± 0.96s
43.470 N ± 5.5km 1.880 W ± 8.1km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
mbLg 2.9 (MDD). ML 2.8 (LDG).

ELIZ 0.40 140 iPc 43 08.39 -1.3
eS 43 10.30
ELYF 0.71 114 Pg 43 15.05 -0.5
BOH 0.73 120 Pg 43 14.79 -1.1
MADF 0.84 112 Pg 43 18.36 0.7
ISSF 0.91 119 Pg 43 18.43 -0.5
Sg 43 29.91
ATE 0.94 114 Pg 43 19.73 0.3
Sg 43 31.04
ECRI 0.98 208 iPc 43 18.47 -1.6
eS 43 29.20
ESCF 1.03 112 Pg 43 21.42 0.5
LHE 1.08 121 Pg 43 20.53 -1.3
Sg 43 33.88
JAU 1.19 111 Pg 43 24.35 0.7
EPF 1.68 104 Pg 43 32.70 1.6
Sg 43 54.80
EGRA 1.72 137 eP 43 33.52 2.0
eS 43 56.30
ENSF 1.75 112 Pg 43 32.71 0.5
SALF 2.36 106 Pg 43 44.31 3.4X
LPO 2.52 60 Pn 43 43.10 0.0
Sn 44 13.10
Sg 44 25.50
GRBF 2.58 103 Pg 43 49.00 5.0X
ETOR 2.65 183 eP 43 46.74 1.6
eS 44 16.00
RJF 3.05 52 Pn 43 50.70 0.1
Sn 44 26.00
Sg 44 43.20
CAF 3.19 61 Pn 43 51.40 -1.2
Sn 44 26.00
Sg 44 42.70
MFF 3.37 21 Pn 43 56.60 1.5
Sn 44 35.00
TCF 4.05 44 Pn 44 03.20 -1.6
Sn 44 50.20
Sg 45 14.20
MAF 4.19 47 Pn 44 06.70 -0.2
Sn 44 51.50
Sg 45 19.60
S.D. = 1.2 on 20 of 22 obs.

% JUN 07, 1994 21h 16m 29.35± 1.51s
32.586 S ±14.9km 70.878 W ±11.7km
DEPTH = 70.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.6 (SAN).

JACH 0.26 112 iP+ 16 40.46 -0.1
iS 16 49.69
ROCH 0.40 196 iPd 16 41.60 -0.1
iS 16 51.33
PEL 0.58 164 iP+ 16 43.34 0.1
iS 16 54.50
FCH 0.89 146 iP+ 16 47.25 0.2
iS 17 01.98
LCCH 1.06 213 iPd 16 49.24 0.4
iS 17 04.71
TACH 1.07 183 iP+ 16 48.86 -0.1
iS 17 04.38
PCH 1.08 164 iP+ 16 49.01 -0.2
iS 17 04.79
CHCH 1.36 172 iP+ 16 52.66 -0.2
iS 17 11.46
LNV 1.44 198 iP 16 53.46 -0.4
iS 17 13.67
CACH 1.54 171 iP 16 55.75 0.3
iS 17 16.57
S.D. = 0.3 on 10 of 10 obs.

JUN 07, 1994 21h 46m 32.46± 0.46s
11.115 S ± 7.1km 113.218 E ±10.7km
DEPTH = 33.0km (normal)
SOUTH OF JAWA, INDONESIA (282)

DNP 3.12 39 ePc 47 20.50 0.1
e 51 30.50
SJI 3.65 337 ePd 47 28.70 0.7
eS 48 06.20
LEM 6.98 307 ePc 48 51.50 36.3X
MBL 11.83 148 eP 49 21.30 -0.7
eS 51 23.00
MEEK 16.26 163 eP 50 21.00 0.9
eS 53 11.00
ASPA 23.31 125 eP 51 43.80 5.2X
1.7s 4.80nm 3.7mb X
eS 56 02.80
ODAN 45.32 327 P 54 49.42 -0.2
TAPN 45.54 328 P 54 51.62 0.2
RAMN 45.82 326 P 54 54.22 0.7
JIRN 46.60 326 P 54 59.88 0.0
0.8s 15.00nm 5.0mb
PKI 46.96 325 P 55 02.18 -0.5
GUN 46.97 326 P 55 02.90 0.2
0.7s 18.00nm 5.2mb
KKN 47.20 326 P 55 04.56 0.1
KOLN 48.14 324 P 55 11.40 -0.4
DANN 48.49 325 P 55 13.50 -1.1
0.8s 14.00nm 5.0mb
S.D. = 0.6 on 13 of 15 obs.

JUN 07, 1994 22h 00m 04.57± 0.37s
11.069 S ± 5.0km 113.122 E ± 7.6km
DEPTH = 33.0km (normal)
5.4mb (13 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 3.14 41 ePc 00 53.50 0.6
eS 01 28.00
e 05 36.50
TRT 3.38 352 iPc 00 54.50 -1.8
iS 01 24.30
SJI 3.57 338 ePd 00 58.20 -0.8
eS 01 33.40
KHKI 3.64 43 ePd 01 00.80 0.9
eS 01 43.70
e 07 20.40
LEM 6.88 307 ePd 01 46.00 0.1
WSI 7.19 80 ePc 01 08.00 -42.1X
eS 01 41.20
NANU 11.66 169 iPd 02 51.50 -0.2
MBL 11.92 148 eP 02 53.30 -2.0
iS 04 57.00
MEEK 16.33 162 eP 03 53.50 0.4
eS 06 45.00
MRWA 18.26 172 eP 04 18.00 0.9
0.3s 5.00nm 4.1mb X
eS 07 29.00
IPM 19.66 322 ePd 04 34.00 0.1
BAL 19.72 171 eP 04 38.00 3.5X
WARB 19.72 142 eP 04 38.50 4.0X
MUN 21.00 173 eP 04 56.00 8.3X
COOL 21.08 161 eP 04 52.00 3.5X
ASPA 23.42 125 iPd 04 51.40 -20.4X
1.4s 32.00nm
ipP 05 26.30 179kmX
iS 08 13.50
FORT 24.02 147 eP 05 22.50 5.1X
STKA 33.45 133 eP 06 35.70 -7.1X
2.1s 12.40nm 4.5mb
e 06 47.60
KMI 37.37 344 ePc 07 18.20 1.8
1.0s 10.00nm 4.6mb
GBA 43.06 304 P 08 04.00 0.7
ODAN 45.23 327 P 08 20.84 -0.2
0.5s 39.00nm 5.6mb
TAPN 45.45 328 P 08 23.22 0.4
0.6s 31.00nm 5.4mb
RAMN 45.73 326 P 08 25.36 0.4
0.6s 17.00nm 5.2mb
JIRN 46.51 326 P 08 31.40 0.1
PKI 46.87 326 P 08 33.66 -0.4
0.4s 10.00nm 5.1mb
GUN 46.88 326 P 08 34.10 0.0
0.5s 64.00nm 5.9mb
DMN 47.07 325 P 08 35.30 -0.3
0.6s 47.00nm 5.6mb
KKN 47.11 326 P 08 35.56 -0.3
0.7s 25.00nm 5.3mb
GKN 47.64 325 P 08 39.48 -0.4
0.6s 24.00nm 5.4mb
LZH 47.71 350 eP 08 45.00 4.6X
KOLN 48.05 324 P 08 42.80 -0.4
0.4s 20.00nm 5.5mb
DANN 48.40 325 P 08 45.46 -0.5
0.6s 40.00nm 5.6mb
BJI 50.93 3 eP 09 04.00 -0.7
1.4s 15.00nm 4.8mb
N 18s 0.78um
MAT 52.92 25 (P) 09 03.00 -16.9X
MAIO 69.03 316 iPc 11 11.00 1.6
SOB1 147.23 233 (PKP) 19 52.00 7.2X
MOCB 147.86 182 PKP 19 54.90 8.7X
LPB 152.55 177 ePKP 20 05.00 11.7X
LPAZ 152.79 177 PKP 20 08.50 14.5X
S.D. = 0.9 on 25 of 39 obs.

JUN 07, 1994 22h 11m 37.66± 0.46s
45.193 S ± 7.0km 166.823 E ± 4.0km
DEPTH = 10.0km (geophysicist)
4.3mb (5 obs.) 4.4Msz (1 obs.)
OFF W. COAST OF S. ISLAND, N.Z. (161)

MSZ 0.94 57 P 11 56.40 0.8
eS 12 13.70
WHZ 1.06 132 Pd 11 56.70 -0.9
eS 12 08.80
TLC 1.59 91 P 12 06.70 0.7
MMCZ 1.65 84 P 12 07.90 1.1
CMCZ 1.73 89 P 12 08.90 0.8
MHZ 1.74 87 P 12 09.30 1.1
SBCZ 1.76 88 Pd 12 09.40 0.9
LRCZ 1.79 87 P 12 10.00 1.0
LSCZ 1.80 88 Pd 12 10.00 0.9
MSCZ 1.83 88 P 12 10.60 1.1
SIZ 1.91 152 P 12 09.20 -1.4
BWZ 2.27 74 P 12 16.60 0.7
LMZ 2.29 51 P 12 18.00 2.0
ODZ 2.71 88 Pd 12 21.40 -0.6
S 12 54.80
MQZ 4.43 72 eP 12 44.00 -2.4
eS 13 35.70
LTZ 4.61 60 P 12 47.50 -1.5
THZ 5.60 54 P 13 01.90 -1.1
KHZ 5.60 63 eP 13 01.60 -1.3
SNZO 6.94 59 P 13 25.00 3.2X
S 14 45.00
KIW 7.34 57 eP 13 27.10 -0.3
MNG 7.83 57 eP 13 32.70 -1.6

NEZ 8.01 45 P 13 36.10 -0.7
NGZ 8.86 50 P 13 49.00 0.2
MOZ 8.95 44 P 13 49.10 -0.7
WCZ 10.86 34 eP 14 15.00 -1.2
TAU 14.21 272 iPc 14 58.80 -2.1
RIV 16.55 308 eP 15 35.70 4.5X
TT 31 38.00
CNB 16.55 301 eP 15 36.00 4.6X
0.9s 25.00nm 4.3mb
TT 30 25.00
CAN 16.77 300 eP 15 35.10 1.0
i 15 52.30
eTT 30 40.70
TOO 17.70 288 iPd 15 46.20 0.5
0.7s 39.00nm 4.6mb
eS 16 54.40
TT 30 11.00
BWA 17.72 301 eP 15 44.50 -1.6
e 15 46.50
i 16 09.30
eTT 31 12.90
ARMA 18.97 316 eP 16 04.60 3.1X
TT 32 56.00
NOUC 23.04 359 iP 16 48.10 4.2X
DZM 23.07 359 iPc 16 47.70 3.4X
STKA 23.68 295 iPc 16 52.50 2.4
3.2s 45.20nm 4.5mb X
i 17 14.60
ASPA 34.26 298 eP 18 26.30 0.4
1.6s 8.90nm 4.4mb
Z 20s 0.70um 4.4Msz
WRA 36.78 302 P 18 47.50 0.2
1.2s 1.90nm 3.8mb
SPA 45.00 180 eP 19 54.00 -0.7
0.9s 2.27nm 4.1mb
LZH 98.88 313 eP 26 02.50 43.4X
MAIO 125.94 288 iPKPd 30 41.00 -0.3
FRB 144.30 39 ePKP 31 11.00 -3.3X
1.1s 11.00nm
OBN 147.26 306 iPKPc 31 21.00 1.6
1.4s 65.00nm
e 31 36.00
e 33 19.00
DAG 148.23 2 ePKP 31 21.50 1.1
0.8s 5.97nm
KAF 151.72 321 iPKP 31 31.10 5.0X
1.0s 25.50nm
NUR 152.98 318 ePKP 31 34.20 6.3X
1.1s 14.00nm
ZST 159.08 289 ePKP 32 12.90 36.7X
BRG 161.05 297 iPKP 32 22.40 44.3X
1.5s 15.00nm
GEC2 161.35 291 PKP 32 22.40 43.7X
1.5s 7.36nm
e 34 00.70
KHC 161.43 292 ePKP 31 36.00 -2.7X
e 32 24.50
GRF 162.92 294 ePKP 32 29.80 49.7X
Z 26s 0.10um
S.D. = 1.2 on 35 of 50 obs.

% JUN 07, 1994 22h 59m 33.02± 0.79s
40.540 N ± 6.7km 23.641 E ± 7.2km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 2.4 (THE).

OUR 0.33 128 ePg 59 39.80 0.1
eSg 59 44.96
SOH 0.36 322 iPg 59 40.56 0.4
eSg 59 45.92
THE 0.52 280 ePg 59 43.10 -0.4
eSg 59 50.84
PAIG 0.61 177 iPg 59 45.00 -0.3
eSg 59 54.12
KNT 0.84 318 ePg 59 49.20 -0.5
eSg 00 01.12
LIT 0.98 244 ePg 59 52.60 0.4
eSg 00 07.16
GRG 1.03 294 ePg 59 53.20 0.2
eSg 00 08.44
S.D. = 0.5 on 7 of 7 obs.

JUN 07, 1994 23h 07m 41.56± 0.37s
10.583 S ± 6.3km 112.808 E ± 7.3km
DEPTH = 38.4km (2 depth phases)
4.8mb (8 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT 2.87 357 iPc 08 25.50 -0.4
iS 08 58.50
SJI 3.01 340 ePd 08 26.00 -2.0
eS 08 58.40
DNP 3.03 52 ePd 08 29.00 0.7
eS 09 04.50
e 12 19.00
KHKI 3.53 52 ePd 08 35.60 0.2
eS 09 17.00
e 13 59.00
LEM 6.34 306 iPc 09 16.20 0.9
iS 10 20.50
NANU 12.19 168 iPc 10 27.80 -7.9X
eS 12 33.00
MBL 12.50 148 eP 10 31.10 -8.6X
iS 12 37.00
MEEK 16.88 162 eP 11 31.00 -5.8X
iS 14 23.00
MRWA 18.78 171 eP 11 55.00 -5.2X
0.3s 6.00nm 4.3mb
eS 15 05.00
IPM 19.09 322 ePd 12 04.00 0.0
WARB 20.30 142 eP 12 15.70 -1.3
COOL 21.63 160 eP 12 31.00 0.4
WRA 22.74 117 P 12 41.00 -0.6
0.9s 24.90nm 4.7mb
ASPA 23.95 126 P 12 53.20 -0.2
0.7s 25.50nm 4.9mb
STKA 34.00 133 iPd 14 23.10 -0.9
0.6s 37.90nm 5.5mb
KMI 36.82 345 eP 14 49.60 1.4
0.8s 10.00nm 4.8mb
pP 15 00.60 39km
SHL 41.31 331 iP 15 25.00 -0.5
eS 21 35.00
GBA 42.53 304 P 15 35.00 -0.4
LZH 47.18 350 eP 16 11.00 -1.6
1.4s 28.00nm 5.1mb
pP 16 22.00 38km
SPA 79.48 180 iPd 19 45.40 -0.2
1.0s 1.50nm 3.9mb
OBN 90.84 326 iPc 20 42.00 -0.1
1.5s 35.00nm 5.5mb
MSU 131.20 47 ePKP 26 53.51 1.6
RSSD 133.89 37 ePKP 26 56.66 -0.1
GOL 135.43 43 ePKP 27 00.87 1.0
WMOK 142.49 45 ePKP 27 07.86 -4.8X
TYS 145.19 33 ePKP 27 16.90 -0.2
ITR 145.52 237 ePKP 27 18.20 -0.2
FVM 145.66 34 ePKP 27 17.84 -0.1
MIAR 146.10 41 ePKP 27 19.91 1.2
eppKP 27 34.34
SOB1 147.27 234 ePKP 27 24.60 3.4X
e 27 36.80
NAV 150.70 23 ePKP 27 27.15 1.2
iPKPbc27 31.80
CCH 152.19 182 PKP 27 38.00 9.0X
CEH 152.59 21 ePKP 27 30.58 1.9X
iPKPbc27 35.95
LPB 153.04 178 PKP 27 39.00 8.7X
LPAZ 153.29 178 PKP 27 39.80 8.9X
S.D. = 1.0 on 25 of 35 obs.

% JUN 08, 1994 00h 05m 00.19± 0.63s
38.320 N ± 5.2km 22.379 E ± 7.0km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 2.9 (ATH), 2.7 (THE).

AGG 0.70 357 iPg 05 13.78 -0.4
eSg 05 25.02
ATH 1.11 108 ePb 05 20.50 -1.0
VLS 1.42 265 ePb 05 26.00 -0.6
VLI 1.66 164 ePb 05 31.00 0.9
eSn 05 56.00
LIT 1.78 3 iPb 05 32.46 0.6
PAIG 1.90 32 iPb 05 33.58 0.1
OUR 2.36 31 ePn 05 40.10 -0.1
FNA 2.58 343 ePn 05 43.18 -0.2
SOH 2.61 16 iPn 05 44.06 0.3
KNT 2.87 8 ePn 05 47.78 0.4
S.D. = 0.7 on 10 of 10 obs.

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* JUN 08, 1994 00h 25m 40.91± 0.92s
35.365 N ± 7.2km 4.194 W ±10.6km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.3 (MDD).

EMEL 1.01 93 eP 25 59.06 -1.0
eS 26 11.90
EGUA 1.55 19 iPd 26 07.82 -0.8
eS 26 24.90
TAF 1.56 110 ePg 26 10.00 1.2
e 26 15.00
eSg 26 22.00
i 26 26.00
i 26 31.50
ERON 1.68 11 eP 26 11.36 0.8
eS 26 30.10
ELOJ 1.78 1 eP 26 11.64 -0.4
eS 26 33.60
ECOG 1.97 15 eP 26 15.31 0.5
eS 26 36.00
IFR 2.00 203 iPg 26 15.00 -0.3
i 26 19.00
iSg 26 35.50
i 26 37.50
i 26 39.50
S.D. = 1.0 on 7 of 7 obs.

JUN 08, 1994 00h 29m 36.20± 0.78s
45.915 N ± 4.7km 1.826 E ± 6.2km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 2.1 (LDG), 2.1 (STR).

LSF 0.39 328 Pg 29 43.80 -0.3
Sg 29 48.40
TCF 0.46 35 Pg 29 45.30 -0.1
Sg 29 51.00
MAF 0.60 59 Pg 29 48.20 0.0
Sg 29 55.60
PYM 0.84 101 Pg 29 52.54 -0.5
Sg 30 04.21
AGO 0.92 81 Pg 29 53.95 -0.3
Sg 30 06.09
BGF 0.96 47 Pg 29 54.60 -0.3
Sg 30 06.50
CAF 1.00 170 Pg 29 55.90 0.2
Sg 30 08.50
LBL 1.21 124 Pg 29 59.13 -0.1
Sg 30 14.69
SMF 1.58 62 Pg 30 05.60 0.7
SSF 1.63 45 Pg 30 06.30 0.6
S.D. = 0.5 on 10 of 10 obs.

% JUN 08, 1994 00h 48m 30.30± 1.09s
40.739 N ± 8.7km 29.914 E ± 7.5km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.5 (ISK).

HRT 0.20 294 iPg 48 34.00 -0.5
iSg 48 37.00
EYL 0.25 133 iPg 48 35.40 -0.1
eSg 48 38.50
YLV 0.45 248 ePg 48 39.00 -0.3
eSg 48 46.50
IZI 0.52 220 ePg 48 41.00 0.2
eSg 48 48.00
ISK 0.73 297 ePg 48 45.00 0.2
eSg 48 55.00
CTT 1.20 290 ePn 48 53.50 0.4
S.D. = 0.4 on 6 of 6 obs.

% JUN 08, 1994 00h 49m 22.48± 1.23s
40.770 N ± 9.6km 29.901 E ± 8.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.5 (ISK).

HRT 0.18 286 iPg 49 26.00 -0.6
iSg 49 29.00
EYL 0.28 136 iPg 49 28.40 0.0
YLV 0.45 243 ePg 49 31.50 -0.2
eSg 49 38.50
IZI 0.54 217 iPg 49 33.60 0.1
iSg 49 40.60
ISK 0.70 295 ePg 49 36.00 -0.3
eSg 49 47.00
CTT 1.18 289 ePn 49 45.50 1.1

08d 00h

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

? JUN 08, 1994 01h 15m 12.70± 1.42s
40.319 N ±13.7km 27.937 E ± 8.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

EDC 0.06 296 iPg 15 15.00 0.0
iSg 15 16.00
KCT 0.33 102 iPg 15 19.50 0.0
eSg 15 24.50
CTT 0.91 24 ePg 15 30.00 -0.1
eSg 15 42.00
ISK 1.13 48 ePn 15 34.00 0.1
S.D. = 0.1 on 4 of 4 obs.

& JUN 08, 1994 01h 19m 12.11s
34.284 N 118.513 W
DEPTH = 4.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.6 (PAS), 2.5 (GS).

TWL 0.07 265 P 19 13.53 -0.2
FIL 0.30 298 P 19 18.72 0.6
LHU 0.40 12 P 19 19.60 -0.4
LRRC 0.47 59 P 19 20.85 -0.6
STTC 0.51 5 P 19 21.97 -0.3
PEM 0.55 102 P 19 22.37 -0.7
LOK 0.65 313 P 19 24.32 -0.8
SSK 0.68 96 eP 19 24.83 -1.0
DBM 0.70 10 P 19 25.34 -0.9
ABL 0.81 314 eP 19 27.01 -1.3
CIW 0.82 182 P 19 27.22 -1.2
BMTC 0.85 355 P 19 27.59 -1.5
SNDC 0.87 11 P 19 28.44 -1.1
CSP 0.96 89 iPc 19 29.67 -1.3
HYS 0.97 53 P 19 29.68 -1.5
DTP 1.12 29 P 19 32.75 -1.0
HOD 1.18 62 P 19 33.95 -0.8
PEC 1.19 109 eP 19 33.23 -1.6
BLKC 1.33 53 P 19 36.50 -0.8
ISA 1.38 1 eP 19 37.49 -0.6
SIL 1.40 87 P 19 37.74 -0.8
OLYC 1.44 126 P 19 37.18 -1.8
XMS 1.56 37 P 19 42.18 1.5
PLM 1.66 124 eP 19 40.35 -1.9
RCWM 1.81 23 P 19 45.22 0.9
BRGC 2.24 119 P 19 52.15 1.6
TPNV 3.24 34 (P) 20 04.22 -0.6
27 obs. associated

JUN 08, 1994 03h 08m 32.43± 0.59s
35.316 N ± 5.8km 3.925 W ± 4.8km
DEPTH = 18.8 ± 4.6 km
STRAIT OF GIBRALTAR (385)
mbLg 3.5 (MDD). MD 3.7 (RBA).

EMEL 0.79 91 iPc 08 47.96 0.6
eS 08 59.90
TAF 1.34 112 iPg 08 56.50 0.3
iSg 09 11.50
i 09 13.50
i 09 19.50
EMAL 1.50 344 iPd 08 57.70 -0.7
eS 09 18.70
EGUA 1.54 11 iPc 08 58.20 -0.9
eS 09 18.90
EJIF 1.69 313 eP 08 59.82 -1.4
eS 09 22.10
PLAT 1.69 299 iP 09 03.50 2.2
ERON 1.70 3 eP 09 00.93 -0.6
eS 09 23.90
MOMI 1.77 305 eP 09 05.00 2.6X
ELOJ 1.84 354 eP 09 03.23 -0.2
eS 09 27.90
ALJ 1.92 315 iP 09 05.50 0.8
EPRU 1.96 328 eP 09 04.72 -0.4
eS 09 28.30
ECOG 1.98 8 eP 09 05.80 0.3
eS 09 31.00
CNIL 2.02 302 eP 09 07.00 1.0
IFR 2.05 209 iPg 09 05.50 -1.1
iSg 09 24.50
i 09 28.50
i 09 30.00
ENIJ 2.16 40 iPc 09 07.90 -0.2
GIBL 2.23 313 eP 09 08.50 -0.5
ELUQ 2.26 353 eP 09 10.21 0.8
eS 09 38.00
EHUE 2.72 23 eP 09 16.59 0.6
eS 09 49.60
EHOR 2.72 337 eP 09 15.62 -0.3
eS 09 48.00
EBAN 2.85 2 eP 09 17.67 -0.1
eS 09 51.70
EVIA 3.51 19 eP 09 27.12 -0.1
AVE 3.52 236 ePn 09 31.00 3.7X
i 09 35.00
iSn 10 02.50
i 10 07.50
i 10 10.00
PAB 4.24 356 ePn 09 37.50 -0.1
ePb 09 45.00
eSn 10 30.00
eSb 10 42.00
TIO 5.20 214 iPn 09 47.00 -4.2X
e(Sn) 10 34.50
i 10 41.50
i 10 43.50
i 10 46.50
S.D. = 0.9 on 21 of 24 obs.

* JUN 08, 1994 03h 09m 40.41± 0.92s
11.162 S ± 9.2km 113.167 E ±13.9km
DEPTH = 10.0km (geophysicist)
4.2mb (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.68 41 ePd 10 38.70 0.2
eS 11 20.00
e 14 48.50
LEM 6.97 308 ePc 11 25.10 -0.2
NANU 11.56 169 iPc 12 28.30 -0.2
eS 14 32.00
MBL 11.82 148 eP 12 31.00 -1.1
eS 14 33.00
MEEK 16.23 162 eP 13 31.50 1.3
eS 16 20.00
WB2 22.18 116 eP 14 41.30 2.8X
0.6s 3.70nm 4.0mb
eS 18 38.90
ASPA 23.33 125 eP 14 56.60 6.8X
0.7s 7.40nm 4.3mb
i 15 04.20
eS 19 04.80
STKA 33.35 133 eP 16 33.90 12.9X
0.8s 10.00nm
S.D. = 1.2 on 5 of 8 obs.

% JUN 08, 1994 03h 30m 56.95± 1.94s
43.247 N ±12.7km 18.789 E ± 9.7km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.8 (TTG).

BRY 0.39 207 iPgd 31 04.90 0.1
iSg 31 11.05
PLE 0.45 79 iPgc 31 06.02 0.0
iSg 31 12.34
NKY 0.46 160 iPgd 31 06.34 0.1
iSg 31 12.81
HCY 0.83 195 iPgd 31 13.31 -0.1
iSg 31 25.64
TTG 0.89 157 ePg 31 14.14 -0.3
iSg 31 27.48
IVA 0.90 114 iPgc 31 14.51 -0.1
iSg 31 27.10
BDV 0.96 178 iPgd 31 15.81 0.1
iSg 31 29.81
PVY 1.09 126 iPgd 31 18.13 0.2
iSg 31 33.81
S.D. = 0.2 on 8 of 8 obs.

JUN 08, 1994 03h 56m 08.65± 0.77s
45.437 N ± 7.1km 10.351 E ± 5.5km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.8 (VIE), 2.7 (LDG).

VDL 1.22 330 ePd 56 32.50 1.1
TMA 1.23 303 ePc 56 32.60 0.9
OSS 1.26 353 ePc 56 32.20 0.0
OGA 1.51 18 iPgd 56 36.50 0.6
MMK 1.78 291 ePd 56 41.90 2.0
SCE 1.86 30 ePn 56 39.60 -1.4
SQTA 1.88 18 iPnc 56 41.40 0.2
iPg 56 42.30
iSg 57 09.20
WTTA 2.03 26 iPgc 56 44.20 0.7
iSg 57 11.50
WATA 2.08 24 iP 56 43.70 -0.4
0.2s 6.10nm
iSg 57 10.10
i 57 13.50
LPG 2.53 273 Pn 56 51.80 1.0
Sn 57 22.40
LPL 2.55 273 Pn 56 51.00 0.1
Sn 57 22.00
VOY 2.55 75 ePn 56 51.30 0.5
i 56 52.60
e(Sn) 57 15.60
i 57 23.10
SBF 2.61 234 Pn 56 52.40 0.8
Sn 57 23.70
KBA 2.65 51 iPgc 56 54.50 2.2X
iSg 57 29.80
LJU 2.99 77 eP 57 06.20 9.2X
eSn 57 37.50
FRF 3.25 236 Pn 56 59.70 -0.9
Sn 57 39.40
BSF 3.43 316 Pn 57 03.60 0.3
CDF 3.65 326 Pn 57 05.20 -1.2
Sn 57 47.60
Sg 58 08.00
HAU 3.77 314 Pn 57 07.60 -0.4
Sn 57 51.30
Sg 58 10.70
GEC2 4.10 33 Pn 57 03.20 -9.6X
0.1s 0.09nm
e 57 03.80
e 57 04.40
e 57 09.00
e 57 09.70
e 57 23.20
e 57 27.70
LBF 4.69 292 Pn 57 20.00 -1.2
Sn 58 14.40
LOR 4.85 294 Pn 57 22.30 -1.2
Sn 58 18.00
SSF 5.02 291 Pn 57 24.30 -1.4
S.D. = 1.0 on 20 of 23 obs.

% JUN 08, 1994 04h 04m 59.56± 1.52s
39.062 N ±13.9km 21.584 E ± 7.1km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 2.6 (THE).

AGG 0.58 94 ePg 05 11.30 0.1
eSg 05 22.06
IGT 1.08 296 ePg 05 19.98 -0.3
eSg 05 33.02
LIT 1.25 34 iPb 05 22.01 -1.3
eSb 05 39.82
FNA 1.73 355 ePb 05 30.78 0.3
eSb 05 52.62
PAIG 1.84 61 ePb 05 32.66 0.7
GRG 1.99 18 ePb 05 34.74 0.4
SOH 2.22 37 iPn 05 37.38 -0.3
OUR 2.24 55 ePn 05 37.14 -0.8
KNT 2.33 25 iPn 05 40.26 1.1
S.D. = 0.9 on 9 of 9 obs.

* JUN 08, 1994 04h 39m 22.06± 2.38s
33.468 S ±14.7km 68.654 W ±19.5km
DEPTH = 10.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)
MD 4.2 (SAN).

FCH 1.38 275 iP+ 39 46.89 -0.7
iS 40 04.51
PCH 1.56 264 iP+ 39 49.64 -0.3
iS 40 09.91
SAN 1.68 270 iP+ 39 51.52 -0.1
iS 40 13.54
CHCH 1.73 254 iP+ 39 52.35 0.0
iS 40 15.16
PEL 1.73 280 iP+ 39 52.46 0.0
iS 40 14.57
CACH 1.74 248 iP+ 39 52.55 -0.1

iS 40 15.52
JACH 1.81 295 iP 39 54.15 0.6
iS 40 17.56
TACH 1.92 264 iP 39 54.31 -0.7
iS 40 19.58
ZON 1.92 359 eP 39 55.00 -0.1
eS 40 22.00
ROCH 2.04 283 iPd 39 56.70 -0.3
iS 40 23.60
LNV 2.35 257 iP+ 40 02.13 0.9
iS 40 32.79
LCCH 2.44 269 iPd 40 03.41 0.9
iS 40 34.34
S.D. = 0.6 on 12 of 12 obs.

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* JUN 08, 1994 06h 03m 03.67± 0.74s
10.612 S ±10.3km 113.463 E ±13.1km
DEPTH = 33.0km (normal)
4.9mb (8 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.08 44 iPc 03 52.00 0.9
iS 04 27.00
e 10 24.80
NANU 12.05 171 iPc 05 54.20 -1.8
MBL 12.14 151 eP 05 53.10 -4.2X
iS 07 58.00
WARB 19.88 143 eP 07 37.00 1.8
SWI 20.16 62 ePd 07 36.00 -2.2
WB2 22.16 117 eP 08 00.00 1.5
0.5s 13.80nm 4.7mb
eS 12 00.60
ASPA 23.41 126 iPd 08 13.60 2.8X
0.6s 33.50nm 5.0mb
i 08 20.90
eS 12 29.50
NNT 26.78 329 eP 08 42.00 -0.7
NST 29.26 333 eP 09 06.00 0.9
BDT 31.15 333 eP 09 22.00 0.2
0.8s 36.30nm 5.2mb
CHTO 32.56 334 eP 09 35.10 0.9
1.2s 14.93nm 4.8mb
STKA 33.51 133 iPc 09 44.90 2.5X
0.8s 11.00nm 4.8mb
KMI 37.02 344 Pd 10 14.80 2.2X
1.2s 30.00nm 5.0mb
pP 10 24.80 34kmX
sP 10 39.00
SSE 42.13 10 Pc 10 54.50 0.0
1.0s 16.00nm 4.7mb
pP 11 01.00 22kmX
GBA 43.09 303 P 11 03.00 0.4
LZH 47.32 349 eP 11 37.00 0.6
BJI 50.46 3 eP 11 58.00 -2.2
2.0s 32.00nm 5.0mb
ITR 146.04 237 ePKP 22 38.70 -3.3X
SOB1 147.77 233 ePKP 22 51.50 6.7X
MOCB 148.32 182 PKP 22 53.70 7.6X
LPB 152.99 177 PKP 23 09.00 15.9X
i 23 46.40
S.D. = 1.5 on 13 of 21 obs.

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* JUN 08, 1994 06h 41m 24.43± 1.10s
2.627 N ± 8.2km 75.939 W ±21.3km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
COLOMBIA (103)

BOG 2.73 43 eP 42 07.00 -0.1
eS 42 51.00
BMG 5.26 33 eP 42 43.00 0.1
LPAZ 20.32 158 P 46 01.00 -0.3
LPB 20.55 158 P 46 03.00 -0.5
CCH 22.11 154 eP 46 20.00 0.8
YKA 66.27 342 eP 52 11.30 0.0
0.6s 0.60nm 3.9mb
WRA 145.79 238 PKP 01 05.60 3.3X
0.6s 0.70nm
S.D. = 0.6 on 6 of 7 obs.

& JUN 08, 1994 07h 22m 36.48s
60.290 N 151.538 W
DEPTH = 50.7km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.7 (AEIC).

NNL 0.28 154 iP 22 46.43 0.9
eS 22 53.73
NKA 0.48 18 eP 22 48.71 1.1
RDT 0.52 304 eP 22 47.68 -0.5
eS 22 57.19
REF 0.61 290 eP 22 48.80 -0.6
eS 22 59.23
BRLK 0.62 148 eP 22 48.91 -0.5
eS 22 58.55
RED 0.63 282 iP 22 48.87 -0.7
eS 22 59.30
RSO 0.63 286 eP 22 49.01 -0.6
eS 22 59.23
RS2 0.63 287 eP 22 49.05 -0.6
eS 22 59.76
HOM 0.64 185 eP 22 49.24 -0.3
SLKM 0.69 71 eP 22 49.21 -1.1
CNPM 0.78 169 eP 22 50.72 -0.8
INE 0.80 254 eP 22 50.82 -1.0
eS 23 03.09
XLV 0.84 186 eP 22 51.43 -0.8
BKG 0.86 336 eP 22 51.87 -0.7
SPU 0.93 344 eP 22 52.72 -0.8
CKT 0.97 341 eP 22 53.33 -0.8
CKN 0.99 342 eP 22 53.82 -0.5
CRP 1.03 343 eP 22 54.47 -0.5
CP2 1.04 341 eP 22 54.63 -0.5
CGLM 1.05 348 eP 22 54.66 -0.5
SEW 1.06 99 eP 22 53.94 -1.3
NCG 1.16 345 eP 22 56.34 -0.4
AUE 1.32 226 eP 22 57.75 -1.0
AUL 1.32 227 eP 22 57.98 -0.9
AUP 1.33 226 eP 22 58.22 -0.9
AUG 1.34 227 eP 22 58.36 -0.8
AUH 1.34 227 eP 22 58.33 -0.9
AUI 1.35 226 eP 22 58.69 -0.6
eS 23 17.92
PMS 1.36 45 P 22 59.00 -0.5
PDB 1.42 250 eP 22 59.21 -1.1
eS 23 17.46
CDD 1.73 219 eP 23 03.95 -0.8
SYI 1.74 195 eP 23 03.73 -1.0
PLRM 1.76 41 eP 23 03.46 -1.5
KNK 1.88 52 eP 23 05.17 -1.6
GHO 1.96 39 eP 23 06.41 -1.5
MTU 1.97 97 eP 23 05.76 -2.2
SVW 2.17 294 P 23 08.50 -2.4
SML 2.18 44 eP 23 09.21 -1.8
CUT 2.21 16 eP 23 10.54 -0.8
HIN 2.51 85 eP 23 12.58 -3.0
FID 2.54 77 eP 23 12.20 -3.9
SCM 2.57 51 eP 23 14.42 -2.1
VZW 2.57 70 eP 23 13.50 -3.1
KDC 2.60 191 P 23 16.80 0.0
VLZ 2.69 69 eP 23 15.51 -2.7
CVA 2.88 82 eP 23 18.38 -2.6
KLU 3.00 64 eP 23 19.86 -2.9
TOA 3.17 53 P 23 23.10 -2.1
TRF 3.23 10 eP 23 24.66 -1.4
RND 3.38 21 eP 23 27.08 -1.0
TZL 3.45 57 eP 23 26.62 -2.3
SDG 3.65 49 eP 23 29.74 -2.2
MCK 3.67 18 eP 23 31.80 -0.3
GLB 3.95 70 eP 23 32.47 -3.7
PAX 3.95 44 eP 23 34.02 -2.2
IL1 4.99 24 eP 23 47.95 -2.7
ILB 4.99 24 eP 23 48.04 -2.6
BCA3 5.41 55 eP 23 53.80 -2.9
IM3 5.80 351 eP 23 59.96 -2.2
59 obs. associated

% JUN 08, 1994 07h 52m 08.24± 0.88s
39.164 N ± 7.5km 27.565 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

IZM 0.80 197 ePg 52 23.60 -0.2
eSg 52 35.10
DST 0.93 62 ePn 52 26.60 0.5
EZN 1.16 305 ePn 52 30.40 0.4
EDC 1.20 11 ePn 52 30.00 -0.7
KCT 1.24 29 ePn 52 31.30 -0.1
S.D. = 0.7 on 5 of 5 obs.

% JUN 08, 1994 07h 54m 51.91± 0.89s
39.266 N ± 7.8km 27.726 E ± 8.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

DST 0.78 64 ePg 55 06.60 -0.5
IZM 0.94 203 ePg 55 10.00 0.1
eSg 55 24.80
EDC 1.08 6 ePn 55 12.00 -0.3
KCT 1.10 26 iPn 55 13.30 0.8
EZN 1.22 298 ePn 55 14.40 -0.2
S.D. = 0.7 on 5 of 5 obs.

% JUN 08, 1994 08h 08m 53.01± 0.57s
44.368 N ± 4.9km 7.339 E ± 5.3km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.9 (GEN).

STV 0.12 185 P 08 56.40 0.2
S 08 58.23
ENR 0.15 157 P 08 56.90 0.3
S 08 59.14
PZZ 0.22 309 P 08 58.09 0.3
S 09 01.29
ISO 0.28 228 iPgc 08 58.42 -0.5
iSg 09 01.58
BHB 0.48 354 P 09 02.63 -0.1
FIN 0.64 104 P 09 05.79 -0.2
PCP 0.88 78 P 09 09.87 -0.1
S.D. = 0.3 on 7 of 7 obs.

% JUN 08, 1994 08h 26m 37.44± 0.87s
39.109 N ± 7.4km 27.573 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.75 199 ePg 26 52.10 -0.1
eSg 27 04.80
DST 0.96 58 ePn 26 56.00 0.3
EZN 1.20 307 ePn 26 59.90 0.1
EDC 1.26 10 ePn 27 01.00 0.2
KCT 1.29 28 ePn 27 00.80 -0.5
S.D. = 0.5 on 5 of 5 obs.

JUN 08, 1994 08h 29m 25.38± 0.46s
10.391 S ± 9.5km 112.604 E ± 7.8km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.58 56 eP 30 19.90 -0.1
e(S) 31 03.00
e 33 35.10
MBL 12.76 148 eP 32 19.50 -7.9X
iS 34 18.00
WB2 23.01 117 eP 34 28.10 -0.5
0.7s 2.50nm 3.8mb
eS 38 31.60
ASPA 24.22 126 iPd 34 41.20 0.8
1.0s 9.40nm 4.3mb
eS 39 07.10
STKA 34.28 133 eP 36 10.50 -0.3
1.0s 9.50nm 4.7mb
ODAN 44.39 327 P 37 35.24 0.2
TAPN 44.61 328 P 37 36.20 -0.7
RAMN 44.89 326 P 37 39.42 0.3
JIRN 45.67 327 P 37 45.74 0.3
PKI 46.03 326 P 37 48.14 -0.1
GUN 46.04 326 P 37 48.58 0.3
DMN 46.23 325 P 37 50.02 0.3
KKN 46.27 326 P 37 50.28 0.3
GKN 46.79 325 P 37 54.04 0.0
KOLN 47.20 324 P 37 57.46 0.1
DANN 47.55 325 P 37 59.94 -0.3
PYUN 47.81 324 P 38 01.12 -1.0
BJI 50.28 4 eP 38 21.00 0.4
S.D. = 0.5 on 17 of 18 obs.

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* JUN 08, 1994 08h 55m 00.70± 1.21s
2.717 N ± 7.7km 75.921 W ±11.6km
DEPTH = 42.9 ± 11.9 km
4.4mb (2 obs.)
COLOMBIA (103)

PSO 2.06 223 eP 55 34.00 0.1
BOG 2.65 44 iP 55 43.00 0.7
eS 56 23.00

08d 08h

BMG 5.17 33 iPc 56 17.00 -0.8
LPAZ 20.39 158 P 59 35.70 -1.8
S 05 46.00
LPB 20.63 158 P 59 38.80 -0.9
i 05 53.00
CCH 22.18 155 P 59 57.10 1.9
BAO 33.10 124 eP 01 36.10 0.9
TUL 37.80 333 iPd 02 14.60 -0.2
MEO 38.24 329 iPc 02 19.00 0.5
ULM 50.29 343 eP 03 56.50 1.6
JAQ 50.92 0 eP 03 57.50 -2.1
KHC 87.64 41 eP 07 46.00 0.1
1.0s 3.50nm 4.6mb
GEC2 87.73 41 P 07 46.50 0.0
0.8s 1.46nm 4.3mb
e 07 53.70
e 07 56.20
ASPA 144.43 232 iPKPd 14 33.70 -1.2
0.7s 10.30nm
WB2 145.85 238 ePKP 14 37.50 0.1
0.5s 5.90nm
WRA 145.86 238 PKP 14 38.50 1.1
0.6s 3.70nm
S.D. = 1.3 on 16 of 16 obs.

& JUN 08, 1994 09h 02m 28.52s
37.577 N 118.854 W
DEPTH = 7.0km
CALIFORNIA-NEVADA BORDER REGION (40)
<GM-P>. MD 3.4 (GM). ML 3.4
(BRK), 3.4 (GS). Felt at Mammoth
Lakes, California.

HTCR 0.08 125 P 02 30.63 -0.3
MMPM 0.14 283 iPc 02 31.61 -0.2
MRCM 0.29 71 ePc 02 34.34 -0.2
MTUM 0.32 134 iPd 02 34.87 -0.3
CWCR 0.44 101 P 02 37.25 -0.3
BONR 0.58 49 ePc 02 39.65 -0.5
FRI 0.90 230 iP 02 45.24 -0.7
CMB 1.30 291 ePc 02 52.06 -0.8
eS 03 09.45
TNP 1.39 68 eP 02 54.51 0.0
MOYM 1.40 284 P 02 53.86 -0.5
KVN 1.59 22 eP 02 57.95 0.7
PHBM 1.65 217 P 02 59.32 1.3
ADWM 1.80 299 P 03 01.50 1.4
WCHM 1.80 159 P 03 01.56 1.1
AODM 1.81 306 P 03 01.42 1.1
PKEM 1.82 214 eP 03 01.63 1.2
NMC 1.89 156 P 03 03.20 1.6
RCWM 1.89 149 P 03 03.91 2.3
ASMM 1.90 311 P 03 03.27 1.5
ALAM 1.93 301 P 03 03.60 1.5
ISA 1.93 171 eP 03 03.58 1.4
TOW 1.97 153 P 03 05.15 2.4
AASM 1.97 296 P 03 04.30 1.6
ARJM 1.99 304 P 03 03.55 0.5
PSMM 2.05 223 P 03 04.90 1.0
HJSM 2.09 249 P 03 05.63 1.2
CSTL 2.10 272 P 03 06.36 1.8
WBSM 2.12 164 P 03 07.13 2.2
SFL 2.12 255 P 03 05.88 1.1
PHAM 2.14 216 eP 03 05.12 0.0
ARN 2.14 265 ePc 03 05.79 0.6
AFDM 2.16 310 P 03 07.55 2.1
TPNV 2.17 106 eP 03 05.25 -0.5
HSPM 2.17 259 P 03 07.09 1.4
WJPM 2.18 172 P 03 08.22 2.4
SAO 2.22 249 eP 03 07.01 0.7
SHG 2.24 240 P 03 07.69 1.1
COE 2.27 263 eP 03 08.34 1.4
APRM 2.27 306 P 03 09.35 2.4
CBO 2.31 259 P 03 08.98 1.5
AFRM 2.31 302 P 03 10.15 2.6
YEG 2.31 203 P 03 09.35 1.6
PJLM 2.37 232 P 03 09.50 1.1
AVRM 2.39 308 P 03 11.09 2.4
PANM 2.44 223 P 03 10.30 0.9
BCH 2.59 203 eP 03 11.70 0.1
BKS 2.70 277 eP 03 14.06 1.0
eS 03 48.98
ABL 2.74 186 eP 03 14.77 0.9
GSC 2.81 143 eP 03 16.44 1.7
ORV 2.86 314 eP 03 18.81 3.3
eS 03 56.13
JEGM 2.87 270 (P) 03 16.33 0.8
NTYM 3.12 286 eP 03 20.67 1.7
SSK 3.49 164 eP 03 24.94 0.5
CSP 3.49 159 ePn 03 25.81 1.4
PEC 3.93 159 ePn 03 31.45 0.9
ARUT 4.30 86 ePn 03 35.03 -1.0
LBFM 4.44 329 (P) 03 49.31 11.3
PLM 4.52 158 (Pn) 03 40.67 1.6
DUG 5.39 59 eP 03 52.42 1.0
59 obs. associated

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* JUN 08, 1994 09h 16m 21.88± 1.57s
48.710 N ± 7.6km 10.894 E ±20.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (VIE).

WATA 1.45 161 i(Pg) 16 48.70 0.4
iSg 17 11.10
SQTA 1.51 172 iP 17 12.20 23.2X
WTTA 1.53 161 iPgd 16 49.00 -0.4
iSg 17 12.80
KHC 1.82 76 ePg 16 53.50 0.0
e 17 20.00
eSg 17 27.00
MOX 1.99 13 ePg 16 56.00 0.0
eSg 17 23.20
KBA 2.32 134 i(Pn) 17 00.90 0.0
0.3s 3.20nm
i(Pg) 17 10.30
i 17 40.00
iSg 17 46.60
S.D. = 0.4 on 5 of 6 obs.

? JUN 08, 1994 09h 33m 20.92± 5.35s
39.366 N ±10.4km 22.008 E ±55.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)

AGG 0.42 144 iPg 33 29.53 -0.1
eSg 33 35.66
LIT 0.82 27 ePg 33 36.34 -0.5
PAIG 1.41 66 iPb 33 46.54 0.0
SOH 1.78 35 ePb 33 52.62 0.6
eSb 34 16.98
S.D. = 0.8 on 4 of 4 obs.

& JUN 08, 1994 09h 40m 10.39s
59.926 N 152.527 W
DEPTH = 83.2km
SOUTHERN ALASKA (2)
<AEIC>.

INE 0.30 297 eP 40 22.52 -0.9
eS 40 32.70
RED 0.51 346 eP 40 24.07 -0.8
eS 40 35.16
HOM 0.52 121 iP 40 24.40 -0.4
RSO 0.55 348 eP 40 24.69 -0.6
eS 40 36.09
RS2 0.55 348 iP 40 24.72 -0.6
REF 0.57 351 iP 40 24.89 -0.6
eS 40 36.18
XLV 0.62 139 eP 40 24.90 -0.9
NNL 0.63 79 iP 40 26.08 0.3
RDT 0.65 5 iP 40 25.26 -0.9
eS 40 36.98
AUE 0.71 217 eP 40 25.78 -0.8
AUL 0.71 221 eP 40 25.83 -0.8
AUP 0.73 219 eP 40 25.51 -1.4
AGU 0.73 219 eP 40 26.20 -0.8
AUH 0.73 220 eP 40 26.06 -0.9
AUI 0.75 218 eP 40 25.98 -1.0
eS 40 36.73
CNPM 0.77 121 iP 40 26.56 -0.7
eS 40 39.46
BRLK 0.84 100 eP 40 27.62 -0.5
eS 40 40.43
PDB 0.85 261 eP 40 27.23 -0.9
eS 40 40.27
NKA 1.04 37 eP 40 31.67 1.3
CDD 1.15 210 eP 40 30.29 -1.5
eS 40 46.81
BKG 1.16 6 eP 40 31.39 -0.5
eS 40 48.09
SPU 1.28 10 iP 40 33.02 -0.4
CKT 1.29 7 eP 40 33.15 -0.4
SLKM 1.29 62 eP 40 32.96 -0.6
CKN 1.31 7 eP 40 33.58 -0.3
SYI 1.32 177 eP 40 33.19 -0.7
CRP 1.36 8 eP 40 34.33 -0.2
CGLM 1.41 10 eP 40 34.85 -0.3
NCG 1.49 7 iP 40 35.98 -0.3
SEW 1.56 82 eP 40 37.65 0.7
SVW 1.94 309 eP 40 39.64 -2.5
PMS 1.97 47 P 40 42.40 -0.2
PWA 2.16 36 P 40 45.20 0.1
KDC 2.19 180 eP 40 42.69 -2.7
PLRM 2.36 43 eP 40 48.16 0.4
KNK 2.50 52 eP 40 48.30 -1.5
GHO 2.56 42 eP 40 49.46 -1.2
CUT 2.72 23 eP 40 54.29 1.6
SML 2.79 46 eP 40 52.48 -1.3
HIN 3.05 78 eP 40 53.53 -3.8
VZW 3.17 66 eP 40 56.65 -2.3
SCM 3.18 51 eP 40 58.22 -1.0
VLZ 3.29 66 eP 40 59.21 -1.4
HUR 3.36 23 eP 41 02.12 0.5
CVA 3.44 77 eP 41 01.44 -1.2
TTA 3.45 332 eP 41 01.14 -1.8
KLU 3.61 61 eP 41 02.84 -2.3
TRF 3.70 16 eP 41 06.18 -0.3
KTH 3.72 11 eP 41 06.77 0.1
TOA 3.79 52 P 41 06.50 -1.1
RND 3.91 25 eP 41 08.69 -0.6
DHY 4.01 36 eP 41 10.10 -0.7
MCK 4.18 22 eP 41 13.28 0.2
SDG 4.27 49 eP 41 15.26 1.0
GLB 4.55 67 eP 41 15.26 -3.0
PAX 4.56 45 eP 41 17.61 -0.9
NEA 4.94 18 eP 41 22.33 -1.3
WRH 5.01 23 eP 41 22.76 -1.9
BALM 5.16 73 eP 41 24.34 -2.5
HDA 5.20 28 eP 41 25.63 -1.6
CCB 5.22 23 eP 41 25.71 -1.9
FBA 5.45 22 eP 41 28.55 -2.2
ILB 5.53 26 eP 41 29.65 -2.1
IL1 5.53 26 eP 41 29.63 -2.2
BCA3 6.03 54 eP 41 35.39 -3.4
IM3 6.11 355 eP 41 38.14 -1.7
BM3 8.30 22 eP 42 06.48 -3.5
67 obs. associated

& JUN 08, 1994 10h 06m 55.29s
63.038 N 150.356 W
DEPTH = 101.4km
3.2mb (1 obs.)
CENTRAL ALASKA (1)
<AEIC>.

HUR 0.33 100 P 07 10.30 -0.1
S 07 21.80
TRF 0.42 4 P 07 11.00 -0.1
KTH 0.58 334 iPd 07 11.96 -0.2
eS 07 23.39
CUT 0.64 176 iPd 07 12.27 -0.2
RND 0.77 61 P 07 13.70 -0.2
S 07 27.50
MCK 0.95 42 iP 07 15.41 -0.1
eS 07 29.97
BWN 1.21 19 P 07 18.50 0.1
S 07 35.50
DHY 1.36 87 P 07 20.10 -0.3
S 07 39.10
PWA 1.41 171 P 07 20.50 -0.4
GHO 1.43 152 P 07 21.00 -0.3
S 07 41.40
SML 1.55 142 P 07 21.90 -0.8
PLRM 1.56 158 eP 07 21.99 -0.7
eS 07 43.16
PMR 1.56 158 ePd 07 21.51 -1.2
eS 07 42.42
NEA 1.65 20 iPd 07 23.13 -0.7
eS 07 43.70
WRH 1.76 34 iPd 07 24.59 -0.7
eS 07 46.06
PMS 1.84 168 P 07 25.40 -1.0
S 07 48.50
NCG 1.84 208 ePd 07 25.25 -1.3
SCM 1.86 129 P 07 25.70 -0.9
KNK 1.86 151 iPd 07 25.65 -0.9
CGLM 1.90 205 eP 07 25.89 -1.3
CRP 1.97 206 ePd 07 27.07 -1.1
CCB 1.97 34 iPd 07 27.21 -0.8
CP2 1.99 207 eP 07 28.09 -0.4

MLY 2.01 355 P 07 27.80 -0.8
S 07 52.10
CKN 2.01 206 eP 07 27.70 -0.9
SPU 2.03 204 ePd 07 27.53 -1.3
CKT 2.04 206 eP 07 28.28 -0.7
HDA 2.04 46 P 07 28.20 -0.8
S 07 52.70
THY 2.12 78 eP 07 30.74 0.7
MDM 2.14 25 P 07 29.60 -0.7
S 07 56.00
TOA 2.15 114 P 07 30.20 -0.3
DDM 2.16 68 eP 07 31.10 0.6
BKG 2.17 205 eP 07 29.29 -1.4
eS 07 56.42
FBA 2.18 30 ePd 07 29.83 -1.0
PAX 2.23 90 ePc 07 31.21 -0.4
eS 07 59.34
SDG 2.27 101 P 07 31.50 -0.5
DJE 2.32 63 eP 07 31.76 -0.9
IL1 2.32 40 iPd 07 31.60 -1.1
ILB 2.32 40 iPd 07 31.63 -1.0
eS 07 58.68
NKA 2.34 191 eP 07 34.39 1.5
GLM 2.35 32 P 07 32.30 -0.9
TZL 2.49 111 P 07 34.70 -0.3
SLKM 2.54 178 eP 07 34.70 -0.9
TTA 2.58 270 ePd 07 34.54 -1.7
KLU 2.59 125 eP 07 34.62 -1.7
RDT 2.66 202 eP 07 35.84 -1.4
VZW 2.67 136 eP 07 35.53 -1.9
VLZ 2.69 134 eP 07 35.34 -2.3
eS 08 07.53
REF 2.79 205 eP 07 38.02 -1.1
RS2 2.83 205 eP 07 38.62 -1.0
RSO 2.83 205 eP 07 38.80 -0.9
RED 2.87 205 P 07 39.50 -0.6
DOT 2.90 75 P 07 39.50 -1.0
FID 2.94 140 eP 07 38.87 -2.1
SEW 2.98 171 eP 07 39.84 -1.6
NNL 3.04 189 eP 07 42.55 0.2
SVW 3.14 234 ePd 07 41.89 -2.0
HIN 3.22 144 eP 07 42.86 -2.0
eS 08 20.78
INE 3.26 205 eP 07 44.74 -0.7
BRLK 3.30 185 eP 07 44.68 -1.2
IM3 3.30 335 iPd 07 44.59 -1.3
CVA 3.32 137 P 07 44.60 -1.6
TMW 3.35 82 eP 07 45.11 -1.5
IMA 3.36 336 ePd 07 45.10 -1.8
HOM 3.45 191 P 07 47.30 -0.6
GLB 3.46 115 P 07 46.50 -1.6
CNPM 3.55 187 P 07 47.70 -1.7
PDB 3.75 211 eP 07 50.44 -1.6
BCA3 3.90 86 P 07 52.40 -1.8
AUL 3.96 203 eP 07 54.29 -0.6
AUE 3.97 203 eP 07 54.65 -0.4
AUP 3.98 203 (P) 07 53.93 -1.3
AUH 3.98 203 eP 07 54.99 -0.3
AGU 3.98 203 eP 07 55.52 0.2
AUI 4.00 203 eP 07 55.64 0.1
MID 4.11 150 P 07 56.40 -0.6
FYU 4.16 29 eP 07 56.37 -1.3
BALM 4.27 114 eP 07 57.17 -2.2
MCNL 4.32 208 P 07 59.40 -0.5
CDD 4.42 203 eP 07 59.68 -1.6
SYI 4.55 194 eP 08 01.38 -1.7
BM3 5.02 26 ePd 08 07.69 -1.9
CHX 5.33 120 eP 08 11.81 -2.1
KDC 5.41 192 eP 08 11.01 -3.9
INK 8.71 45 eP 08 58.50 -1.5
1.0s 22.00nm 4.9mb X
SDN 9.30 219 (P) 09 01.91 -6.1
YKA 16.25 76 eP 10 36.50 -1.9
0.6s 1.00nm 3.2mb
MBC 16.72 25 eP 10 44.00 -0.2
RES 22.07 36 eP 11 51.50 9.3
89 obs. associated

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* JUN 08, 1994 10h 35m 41.10± 0.97s
12.049 S ±16.3km 113.630 E ±19.6km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
NORTHWEST OF AUSTRALIA (588)

LEM 7.88 311 ePc 37 36.50 0.0
NANU 10.61 170 eP 38 13.00 -1.0
eS 40 20.00
MBL 10.83 148 eP 38 17.00 0.0
iS 40 25.00
MEEK 15.25 163 eP 39 17.00 1.2
eS 42 11.50
WB2 21.39 114 iPc 40 24.70 -3.6X
0.6s 9.40nm 4.4mb
eS 44 37.00
ASPA 22.46 124 iPd 40 38.80 -0.1
0.5s 11.40nm 4.6mb X
STKA 32.43 132 eP 42 10.20 -0.2
0.5s 5.10nm 4.7mb X
S.D. = 0.9 on 6 of 7 obs.

? JUN 08, 1994 11h 26m 38.41± 1.87s
40.381 N ±13.6km 21.739 E ±11.9km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 2.1 (THE).

FNA 0.49 326 ePg 26 48.22 0.0
eSg 26 56.94
LIT 0.64 116 iPg 26 51.18 0.0
eSg 27 00.30
GRG 0.76 41 ePg 26 53.34 -0.4
KNT 1.18 48 ePb 27 01.26 0.4
S.D. = 0.6 on 4 of 4 obs.

JUN 08, 1994 11h 29m 33.34± 1.50s
45.636 N ± 6.5km 6.919 E ±14.5km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 2.1 (GEN).

LSD 0.24 137 P 29 38.54 0.2
S 29 41.56
RSP 0.54 154 P 29 44.40 0.2
S 29 50.62
DIX 0.56 38 ePc 29 45.20 0.6
RRL 0.72 188 P 29 47.69 -0.1
S 29 56.25
BHB 0.83 163 P 29 49.84 -0.1
S 30 00.00
MMK 0.84 60 P 29 49.50 -0.8
PZZ 1.14 173 P 29 55.16 -0.1
S 30 08.95
S.D. = 0.5 on 7 of 7 obs.

? JUN 08, 1994 12h 41m 43.78± 5.05s
45.061 N ± 9.6km 6.436 E ±37.2km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.0 (GEN).

RRL 0.28 120 P 41 50.11 0.3
S 41 53.49
RSP 0.59 81 P 41 55.60 -0.2
S 42 02.69
BHB 0.63 110 P 41 56.19 -0.2
S 42 03.52
LSD 0.64 52 P 41 56.88 0.0
S 42 04.71
PZZ 0.73 139 P 41 58.11 -0.1
S 42 06.95
S.D. = 0.3 on 5 of 5 obs.

& JUN 08, 1994 12h 56m 57.93s
59.852 N 151.757 W
DEPTH = 64.3km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.5 (AEIC).

HOM 0.20 163 P 57 07.70 -0.3
S 57 15.00
NNL 0.30 50 eP 57 09.43 0.8
CNPM 0.42 141 eP 57 09.39 -0.3
eS 57 18.55
BRLK 0.45 101 eP 57 09.97 0.0
eS 57 19.13
INE 0.69 288 eP 57 11.32 -1.4
RED 0.76 319 P 57 12.70 -0.8
S 57 24.60
RSO 0.79 321 eP 57 13.30 -0.7
RS2 0.79 321 eP 57 13.32 -0.7
RDT 0.79 336 iP 57 13.19 -0.7
REF 0.79 324 eP 57 13.30 -0.7
eS 57 25.34
NKA 0.93 16 P 57 12.40 -3.1
S 57 18.80
AUE 0.96 240 eP 57 14.81 -1.0
AUL 0.97 242 eP 57 15.30 -0.8
eS 57 28.81
AUP 0.98 241 eP 57 15.16 -1.1
eS 57 28.61
AUH 0.99 241 eP 57 15.46 -0.9
AUI 1.00 239 eP 57 15.50 -0.8
SLKM 1.01 49 P 57 10.80 -5.8
SEW 1.19 77 P 57 16.40 -2.5
PDB 1.23 268 eP 57 17.98 -1.5
BKG 1.25 349 P 57 17.90 -1.9
SYI 1.29 195 eP 57 19.36 -0.9
CDD 1.34 227 eP 57 19.61 -1.3
eS 57 36.57
SPU 1.34 354 P 57 18.00 -3.0
CKT 1.37 351 P 57 18.90 -2.6
CKN 1.39 352 P 57 19.20 -2.5
CP2 1.44 351 eP 57 19.92 -2.6
PMR 2.17 35 (P) 57 34.15 1.7
KNK 2.26 45 P 57 26.20 -7.5
GHO 2.37 35 P 57 27.80 -7.6
VLZ 2.98 62 P 57 36.40 -7.3
KLU 3.31 58 P 57 41.20 -7.3
ILB 5.43 23 eP 58 16.81 -1.4
32 obs. associated

% JUN 08, 1994 14h 05m 03.63± 2.56s
44.045 N ±18.9km 8.121 E ± 7.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.4 (GEN).

FIN 0.18 21 P 05 07.74 0.1
S 05 09.80
ROB 0.31 324 P 05 09.98 -0.1
S 05 13.60
ENR 0.54 290 P 05 14.56 0.1
S 05 21.75
PCP 0.58 31 P 05 15.38 -0.1
S 05 22.80
STV 0.61 289 P 05 15.84 -0.1
PZZ 0.86 302 P 05 20.42 0.0
S 05 32.41
BHB 1.01 323 P 05 22.66 0.0
RSP 1.27 331 P 05 27.19 0.0
RRL 1.30 313 P 05 27.92 0.1
S.D. = 0.1 on 9 of 9 obs.

? JUN 08, 1994 14h 21m 46.15± 8.24s
38.620 N ±41.5km 26.168 E ±61.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.2 (ISK).

IZM 0.89 104 iPg 22 03.20 0.0
eSg 22 15.50
EZN 1.21 6 ePn 22 08.60 -0.1
EDC 2.17 37 ePn 22 23.00 0.2
KCT 2.35 45 ePn 22 25.20 -0.2
S.D. = 0.3 on 4 of 4 obs.

% JUN 08, 1994 15h 01m 16.97± 2.88s
59.127 N ±22.8km 5.769 E ± 7.8km
DEPTH = 5.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 2.1 (BER).

KMY 0.28 288 eP 01 22.74 0.1
0.9s 52.70nm
i 01 32.28
BLS5 0.46 50 eP 01 26.27 0.0
0.3s 25.50nm
eS 01 33.02
e 01 34.51
ODD1 0.90 29 eP 01 34.74 0.0
eS 01 46.67
EGD 1.18 347 eP 01 39.32 -0.1
1.0s 34.50nm
eS 01 56.04
e 02 02.56
BER 1.28 350 eP 01 41.44 0.3
eS 01 58.71
ASK 1.39 348 eP 01 42.64 -0.4
eS 02 01.50
S.D. = 0.3 on 6 of 6 obs.

08d 15h

% JUN 08, 1994 15h 35m 54.99± 0.68s
42.659 N ± 4.8km 18.714 E ± 6.3km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.8 (TTG).

NKY 0.26 54 iPgc 36 00.64 0.1
iSg 36 05.08
HCY 0.26 217 iPgd 36 00.57 0.0
iSg 36 05.60
BRY 0.27 333 iPgd 36 00.87 0.1
iSg 36 05.30
BDV 0.38 167 iPgc 36 02.84 0.0
iSg 36 09.42
TTG 0.46 119 iPgd 36 04.52 0.1
iSg 36 11.84
PLE 0.84 36 iPgc 36 10.99 -0.2
iSg 36 23.36
S.D. = 0.2 on 6 of 6 obs.

% JUN 08, 1994 16h 10m 09.44± 0.60s
39.237 N ± 5.0km 27.593 E ± 5.9km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 3.2 (ISK).

IZM 0.88 197 ePg 10 26.20 -0.6
eSg 10 40.20
DST 0.88 65 iPg 10 26.60 -0.3
iSg 10 38.10
EDC 1.13 11 iPn 10 31.00 0.0
EZN 1.14 301 iPn 10 31.60 0.3
BNT 1.15 13 ePn 10 31.30 0.0
KCT 1.17 30 iPn 10 32.20 0.4
MFT 1.57 351 ePn 10 38.10 0.1
KHL 1.76 121 ePn 10 42.00 1.1
IZI 1.82 52 ePn 10 41.00 -0.7
YLV 1.91 45 ePn 10 42.70 -0.3
S.D. = 0.6 on 10 of 10 obs.

? JUN 08, 1994 17h 26m 15.33± 1.65s
40.626 N ±17.9km 21.097 E ±17.5km
DEPTH = 33.0km (normal)
GREECE (364)

FNA 0.26 53 ePg 26 23.26 0.5
eSg 26 30.74
GRG 1.04 71 ePg 26 32.98 -0.7
LIT 1.19 116 iPb 26 35.98 0.3
eSb 26 51.26
IGT 1.24 208 ePb 26 36.34 -0.1
iSb 26 51.34
S.D. = 1.0 on 4 of 4 obs.

% JUN 08, 1994 17h 27m 36.57± 1.05s
26.844 S ± 9.7km 26.778 E ± 9.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.7 (PRE).

BFS 0.05 174 iPc 27 37.90 -0.3
S 27 38.30
SWZ 1.34 255 eP 28 01.00 -0.9
S 28 17.40
SEK 1.65 153 eP 28 06.00 -0.5
S 28 25.90
SLR 1.74 51 eP 28 08.00 0.2
S 28 30.00
BOSA 2.14 214 eP 28 14.90 1.6
S 28 38.50
BLF 2.32 193 eP 28 16.00 -0.1
S 28 44.00
S.D. = 1.1 on 6 of 6 obs.

% JUN 08, 1994 18h 17m 08.25± 0.63s
46.523 N ± 6.1km 1.968 E ± 4.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.2 (LDG).

TCF 0.29 144 Pg 17 14.20 -0.1
Sg 17 17.80
LSF 0.41 228 Pg 17 15.70 -0.9
Sg 17 20.70
MAF 0.51 126 Pg 17 18.40 -0.2
Sg 17 25.30
BGF 0.61 86 Pg 17 20.20 -0.3
Sg 17 28.30
AVF 0.99 74 Pg 17 27.10 0.1
Sg 17 39.00
SSF 1.19 62 Pn 17 29.10 -1.3
Pg 17 30.40
Sg 17 45.70
RJF 1.26 195 Pg 17 31.40 -0.3
Sg 17 47.30
SMF 1.30 84 Pn 17 32.30 0.0
Pg 17 33.30
Sg 17 49.20
LBF 1.46 71 Pg 17 35.00 0.4
Sg 17 53.50
MFF 1.46 274 Pg 17 34.90 0.3
Sg 17 52.40
LOR 1.50 59 Pg 17 36.20 1.0
Sg 17 55.10
CAF 1.60 178 Pg 17 38.10 1.4
Sg 17 58.00
S.D. = 0.8 on 12 of 12 obs.

% JUN 08, 1994 18h 19m 48.35± 1.07s
46.496 N ± 8.8km 1.946 E ± 6.8km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 1.6 (LDG).

TCF 0.28 139 Pg 19 53.80 -0.2
Sg 19 58.50
LSF 0.38 230 Pg 19 56.00 0.0
Sg 20 02.20
MAF 0.51 122 Pg 19 58.70 0.1
Sg 20 06.10
BGF 0.62 84 Pg 20 00.80 0.0
Sg 20 09.00
AVF 1.01 73 Pg 20 08.30 0.3
Sg 20 20.70
SSF 1.21 62 Pg 20 11.10 -0.3
Sg 20 26.20
S.D. = 0.3 on 6 of 6 obs.

JUN 08, 1994 19h 19m 57.94± 0.40s
10.637 S ± 7.0km 112.672 E ± 5.9km
DEPTH = 37.7km (3 depth phases)
5.1mb (18 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.67 52 ePc 20 55.10 1.4
eS 21 48.00
e 26 46.30
LEM 6.27 307 ePd 21 30.20 -0.4
iS 22 39.00
NANU 12.17 167 eP 22 45.00 -6.7X
eS 24 50.00
MBL 12.52 148 eP 22 50.00 -6.5X
eS 24 55.50
MEEK 16.88 161 eP 23 49.00 -4.1X
iS 26 39.50
MTN 18.21 99 eP 24 11.00 1.4
IPM 19.05 322 ePd 24 21.50 1.5
WARB 20.34 141 eP 24 33.40 -0.5
0.4s 7.00nm 4.4mb
eS 28 01.00
SWI 20.87 63 ePc 24 39.00 -0.3
DAV 21.80 37 eP 24 30.50 -18.2X
WOOL 22.02 159 eP 24 50.10 -0.7
iS 28 41.20
WB2 22.84 116 iPc 24 59.10 0.0
0.7s 49.50nm 5.1mb
ipP 25 13.40 61kmX
eS 29 03.70
ASPA 24.02 125 iPd 25 11.60 1.0
0.7s 31.20nm 5.0mb
Z 20s 0.30um 3.8Msz
iS 29 34.20
PGP 25.35 19 ePc 25 25.00 1.7
NNT 26.41 331 eP 25 30.00 -3.1X
e 47 21.00
BAG 27.99 16 eP 25 47.00 -0.7
NST 28.94 334 eP 25 57.00 1.0
BDT 30.82 334 eP 26 13.00 0.3
CHTO 32.24 335 ePd 26 25.60 0.3
0.9s 8.74nm 4.6mb
STKA 34.06 133 iPd 26 41.50 0.5
0.8s 44.00nm 5.4mb
KMI 36.84 345 eP 27 06.00 1.2
1.2s 30.00nm 5.1mb
Z 16s 1.10um 4.7MszX
pP 27 17.00 39km
sP 27 40.00
TOO 39.85 138 eP 27 32.60 2.9X
1.1s 30.00nm 5.0mb
ARMA 41.17 124 eP 27 56.00 15.2X
SSE 42.29 11 Pc 27 51.00 1.4
1.0s 12.00nm 4.6mb
i 28 02.00 39km
GBA 42.45 304 P 27 51.00 -0.2
0.9s 8.00nm 4.4mb
HYB 43.74 309 eP 28 01.00 -0.8
ODAN 44.63 327 P 28 09.24 0.2
0.9s 72.00nm 5.5mb
TAPN 44.85 328 P 28 11.40 0.5
1.0s 92.00nm 5.6mb
RAMN 45.13 326 P 28 13.22 0.2
JIRN 45.91 327 P 28 19.66 0.3
1.0s 108.00nm 5.7mb
PKI 46.27 326 P 28 21.66 -0.5
GUN 46.28 326 P 28 22.30 0.1
DMN 46.47 325 P 28 23.42 -0.2
KKN 46.51 326 P 28 23.64 -0.3
GKN 47.03 325 P 28 27.44 -0.5
0.9s 64.00nm 5.6mb
LZH 47.21 350 eP 28 29.50 0.2
1.5s 42.00nm 5.2mb
Z 10s 0.36um 4.6MszX
pP 28 40.00 36km
KOLN 47.44 324 P 28 30.96 -0.3
DANN 47.79 325 P 28 33.72 -0.4
0.9s 87.00nm 5.8mb
POO 48.03 307 eP 28 38.50 2.7
PYUN 48.04 324 P 28 34.90 -1.1
0.9s 49.00nm 5.5mb
TKSJ 48.80 24 P 28 41.80 0.3
WKYJ 49.64 25 P 28 47.30 -0.7
YONJ 49.64 22 P 28 47.20 -0.8
BJI 50.52 3 eP 28 54.00 -0.5
1.0s 7.00nm 4.6mb
TSRJ 50.93 25 eP 29 04.60 6.8X
MTMJ 52.59 25 P 29 09.20 -1.2
CHJJ 52.65 27 P 29 08.90 -1.9
MAT 52.73 26 eP 29 09.00 -2.3
0.8s 9.70nm 4.8mb
NIIJ 53.66 26 eP 29 05.00 -13.1X
YAMJ 54.88 26 eP 29 26.60 -0.5
OFUJ 56.35 27 eP 29 36.80 -0.9
MAIO 68.42 316 eP 30 58.00 -0.4
SOB1 147.13 234 ePKP 39 41.20 3.7X
MOCB 148.27 183 PKP 39 45.70 6.1X
LPAZ 153.24 178 PKP 39 57.30 10.0X
S.D. = 1.0 on 43 of 55 obs.

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* JUN 08, 1994 19h 41m 44.01± 0.49s
10.659 S ± 7.8km 113.378 E ±10.9km
DEPTH = 33.0km (normal)
4.6mb (5 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.17 44 ePd 42 32.00 -0.7
eS 43 14.40
e 47 27.10
LEM 6.85 303 ePc 43 29.00 4.1X
eS 44 35.50
NANU 12.01 170 eP 44 34.00 -1.9
eS 46 44.00
MBL 12.14 150 eP 44 34.00 -3.7X
eS 46 40.00
MEEK 16.65 163 eP 45 37.50 1.0
eS 48 35.00
IPM 19.50 320 ePd 46 12.00 0.4
WARB 19.89 143 eP 46 17.50 1.8X
WB2 22.21 117 iPc 46 41.00 1.6
0.6s 7.80nm 4.3mb
eS 51 01.90
ASPA 23.45 126 iPd 46 54.00 2.5X
1.0s 18.70nm 4.6mb
eS 51 13.20
NST 29.26 333 eP 47 46.50 1.0
BDT 31.15 333 eP 48 00.00 -2.2
CHTO 32.56 334 eP 48 15.10 0.5
STKA 33.54 133 iPc 48 25.30 2.3X
0.8s 5.90nm 4.6mb
KMI 37.05 344 ePc 48 54.60 1.5
1.4s 40.00nm 5.1mb
pP 49 09.20 56kmX

SSE 42.18 10 Pc 49 35.00 -0.4
1.0s 12.00nm 4.6mb
ODAN 45.03 326 P 49 59.17 0.3
TAPN 45.24 327 P 50 01.07 0.4
RAMN 45.53 326 P 50 04.35 1.5
JIRN 46.31 326 P 50 09.17 0.0
PKI 46.68 325 P 50 11.51 -0.5
GUN 46.68 326 P 50 12.03 0.0
DMN 46.88 325 P 50 13.53 0.0
KKN 46.92 325 P 50 13.73 0.0
LZH 47.35 349 eP 50 15.00 -2.0
GKN 47.45 325 P 50 17.63 -0.2
KOLN 47.87 324 P 50 21.11 -0.1
DANN 48.21 324 P 50 23.83 -0.2
PYUN 48.47 323 P 50 25.79 -0.1
BJI 50.51 3 eP 50 46.50 5.5X
SOB1 147.68 233 ePKP 01 32.70 7.7X
S.D. = 1.1 on 23 of 30 obs.

% JUN 08, 1994 19h 45m 41.74± 0.64s
40.601 N ± 4.8km 22.792 E ± 5.2km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 1.7 (THE).

THE 0.14 77 iPg 45 44.82 0.3
GRG 0.46 320 ePg 45 51.14 0.1
eSg 45 57.86
SOH 0.48 62 ePg 45 51.46 0.1
eSg 45 58.62
LIT 0.55 205 ePg 45 52.78 0.0
eSg 46 00.58
KNT 0.57 8 iPg 45 52.86 -0.2
eSg 46 00.90
OUR 0.95 106 ePg 45 59.98 -0.2
eSg 46 12.82
PAIG 0.96 134 ePg 46 00.38 0.0
eSg 46 14.78
S.D. = 0.2 on 7 of 7 obs.

% JUN 08, 1994 20h 00m 26.50± 0.86s
40.709 N ± 5.6km 22.575 E ± 6.7km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 1.7 (THE).

GRG 0.28 332 ePg 00 31.98 -0.2
eSg 00 36.14
THE 0.31 104 iPg 00 32.89 0.2
eSg 00 37.26
KNT 0.51 28 iPg 00 37.29 0.5
iSg 00 43.14
SOH 0.60 79 iPg 00 37.86 -0.7
eSg 00 47.26
LIT 0.61 186 ePg 00 38.74 0.0
iSg 00 48.38
OUR 1.14 109 ePg 00 48.38 0.2
S.D. = 0.5 on 6 of 6 obs.

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* JUN 08, 1994 20h 03m 51.13± 2.15s
37.482 N ±13.3km 20.716 E ±16.5km
DEPTH = 5.0km (geophysicist)
IONIAN SEA (399)
ML 3.3 (THE). MD 3.2 (ATH).

VLS 0.70 352 ePg 04 05.50 0.4
VLI 1.93 113 ePb 04 25.00 0.0
AGG 1.99 39 iPb 04 27.76 1.9
eSb 04 44.32
IGT 2.07 352 ePb 04 27.02 0.1
iSb 04 46.08
KEK 2.34 342 ePg 04 37.00 6.1X
SRN 2.46 347 ePn 04 39.60 7.1X
LSK 2.67 358 ePn 04 44.50 8.9X
KZN 2.94 16 ePn 04 40.00 0.6
LIT 2.96 27 iPn 04 39.53 -0.1
VLO 3.13 343 ePn 05 04.10 22.1X
FNA 3.34 9 ePn 04 44.72 -0.3
PAIG 3.37 43 ePn 04 45.40 0.0
THE 3.60 28 ePn 04 48.04 -0.6
GRG 3.71 20 ePn 04 49.76 -0.6
OUR 3.82 41 iPn 04 51.17 -0.7
SOH 3.91 31 ePn 04 53.29 0.0
KNT 4.05 24 iPn 04 54.53 -0.5
S.D. = 0.7 on 13 of 17 obs.

JUN 08, 1994 20h 53m 26.17± 0.35s
16.791 N ± 5.4km 85.890 W ± 4.0km
DEPTH = 10.0km (geophysicist)
5.0mb (48 obs.) 4.5Msz (13 obs.)
CARIBBEAN SEA (94)
Mw 5.5 (HRV). MD 5.1 (GCG). Ms
4.4 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 39C
Centroid Location:
Origin Time 20:53:31.2 0.3
Lat 16.90N 0.03 Lon 86.22W 0.03
Dep 15.0 FIX Half-duration 1.6
Moment Tensor; Scale 10**17 Nm
Mrr= 0.03 0.04 Mtt=-1.10 0.04
Mff= 1.07 0.06 Mrt=-1.01 0.15
Mrf= 0.55 0.14 Mtf= 1.34 0.05
Principal Axes:
T Val= 1.71 Plg= 3 Azm=295
N 0.59 64 199
P -2.31 26 26
Best Double Couple:Mo=2.0*10**17
NP1:Strike= 67 Dip=70 Slip= -17
NP2: 163 74 -159

YUP 4.57 236 eP 54 36.86 -0.2
RDG 4.75 249 eP 54 40.47 0.7
BVA 5.04 246 ePc 54 44.33 0.5
IXG 5.11 240 eP 54 44.17 -0.6
eS 55 00.49
TER 5.24 242 eP 54 44.02 -2.5
TPX 6.41 254 (P) 55 04.00 1.0
OXX 10.37 273 (P) 55 59.00 0.7
LVVM 10.45 288 (P) 55 53.00 -6.2X
IISM 11.15 283 (P) 56 05.00 -3.7X
IIT 12.03 282 (P) 56 22.00 1.1
PPM 12.33 282 (P) 56 23.50 -1.8
UNM 12.89 283 (P) 56 32.00 -0.5
III 13.04 279 (P) 56 32.00 -2.5
CRX 13.37 283 (P) 56 39.00 0.1
ACX 13.37 272 (P) 56 36.00 -2.7
MRX 14.82 284 (P) 57 02.00 4.4X
BMG 15.82 126 eP 57 10.00 -0.8
AGX 16.29 291 (P) 57 20.00 3.3X
BOG 16.75 135 eP 57 28.00 5.0X
eS 00 44.00
HBF 16.83 16 eP 57 22.95 -0.4
SGS 17.04 16 eP 57 24.43 -1.6
JSC 17.90 13 (P) 57 35.33 -1.6
MIAR 18.98 340 eP 57 51.16 1.1
0.5s 27.23nm 4.7mb
S 00 58.79
MFTN 19.54 351 (P) 57 57.58 0.6
SIO 21.03 336 iPd 58 14.80 2.2
MEO 21.22 330 iPc 58 14.00 -0.4
WMOK 21.27 330 eP 58 14.23 -0.8
0.9s 157.39nm 5.4mb
S 01 41.83
OCO 21.32 333 iPc 58 18.40 2.9X
FVM 21.49 350 eP 58 17.99 0.9
0.6s 58.99nm 5.2mb
S 01 54.28
TYS 22.04 350 (P) 58 24.77 2.1
ACO 23.05 332 iPc 58 33.60 1.0
ALQ 25.78 318 eP 58 58.96 -0.2
1.1s 86.01nm 5.4mb
GMTN 26.05 21 eP 59 03.90 2.5
YSNY 26.36 12 eP 59 02.75 -1.5
0.9s 50.70nm 5.2mb
BINY 26.71 17 eP 59 07.71 0.2
0.9s 60.87nm 5.3mb
TUC 27.32 309 eP 59 15.71 2.5
1.2s 66.17nm 5.2mb
GOL 28.43 327 eP 59 22.20 -1.2
0.9s 27.94nm 5.1mb
PV10 29.57 321 eP 59 33.84 0.1
LBNH 29.80 20 eP 59 35.06 -0.3
0.8s 32.99nm 5.2mb
GAC 30.11 15 eP 59 39.50 1.4
SRU 30.93 321 eP 59 44.76 -0.9
RSSD 31.27 334 eP 59 49.07 0.5
1.0s 17.63nm 4.9mb
EMUT 31.55 322 eP 59 51.26 0.1
MSU 31.59 318 eP 59 51.41 -0.1
ARUT 32.00 316 eP 59 55.07 0.0
DAU 32.19 322 eP 59 56.15 -0.7
PLM 32.38 306 eP 59 58.95 0.5
e 00 19.80
PEC 32.82 307 eP 00 03.68 1.6
0.9s 42.94nm 5.4mb
e 00 22.10
CSP 33.13 308 eP 00 07.16 2.3
e 00 25.82
GSC 33.14 310 eP 00 05.65 0.8
SSK 33.35 307 eP 00 09.31 2.4
TPNV 33.49 313 eP 00 08.58 0.5
LMN 33.90 27 eP 00 12.00 0.7
0.9s 18.00nm 5.0mb
HVU 33.94 323 eP 00 12.36 0.4
ULM 34.33 349 eP 00 15.00 0.0
PTI 34.42 325 eP 00 15.24 -0.7
ISA 34.52 309 eP 00 17.41 0.5
1.1s 31.33nm 5.1mb
HHAI 34.70 325 eP 00 16.26 -2.1
TNP 34.71 314 eP 00 18.72 0.1
0.7s 29.80nm 5.3mb
e 00 32.92
ABL 34.76 308 eP 00 20.34 1.2
e 00 38.75
BONR 35.40 313 eP 00 25.42 0.8
MRCM 35.42 312 eP 00 27.32 2.6
BCH 35.54 308 eP 00 26.24 0.6
e 00 42.32
KVN 35.78 315 eP 00 28.15 0.4
PHAM 36.03 308 eP 00 31.02 1.4
CMB 36.91 312 ePc 00 37.25 0.2
1.5s 100.00nm 5.4mb
Z 20s 0.50um 4.3Msz
iS 06 26.31
eSS 08 51.31
eLQ 09 52.31
eLR 12 05.31
SAO 37.16 309 ePc 00 38.17 -1.0
1.6s 100.00nm 5.3mb
Z 19s 0.60um 4.4Msz
ePPc 02 13.78
eLR 11 57.78
LPAZ 37.24 151 P 00 49.90 9.2X
ARN 37.46 310 eP 00 42.11 0.4
LPB 37.47 151 P 00 47.10 4.8X
COE 37.52 310 eP 00 43.61 1.4
MHC 37.53 310 ePc 00 37.19 -5.2X
1.3s 190.00nm 5.7mb
Z 19s 0.90um 4.6Msz
ePPc 02 10.19
eS 06 38.19
eSS 09 29.19
eLQ 10 00.19
eLR 12 32.19
JAQ 37.78 10 eP 00 42.50 -1.6
STAN 37.95 310 ePc 00 36.84 -8.9X
Z 20s 0.50um 4.3Msz
ePPc 02 23.84
eLR 12 55.84
BKS 38.18 311 ePc 00 48.61 1.0
1.3s 230.00nm 5.8mb
Z 19s 0.60um 4.4Msz
ePPc 02 27.37
eS 06 47.37
eSS 09 43.37
eLQ 10 20.37
eLR 12 13.37
ORV 38.36 313 ePc 00 49.45 0.3
1.6s 210.00nm 5.6mb
Z 18s 0.60um 4.5Msz
ePPc 02 24.36
eS 06 50.36
e 06 52.36
ePcS 07 03.36
iSS 09 47.36
eLQ 10 50.36
eLR 11 52.36
NTYM 38.69 311 eP 00 53.65 1.7
CCH 39.14 149 eP 01 05.00 8.8X
LBFM 39.43 316 eP 00 57.28 -1.1
WDC 39.52 314 eP 00 54.95 -3.9X
1.5s 30.00nm 4.7mb
Z 20s 0.30um 4.1Msz
ePPc 02 39.11
eS 06 50.11
e 07 12.11
ePcS 07 19.11
eSS 10 04.11
iLQ 11 50.11

08d 21h

eLR 13 52.11
YBH 40.15 316 ePc 01 02.21 -1.9
1.1s 10.00nm 4.4mb
Z 19s 0.90um 4.6Msz
ePPc 02 43.62
eS 06 54.62
iPcS 07 22.62
iSS 10 18.62
eLQ 11 49.62
eLR 14 08.62
NEW 40.45 328 (P) 01 07.09 0.6
0.8s 3.69nm 4.1mb
e 01 22.98
KMPM 40.54 313 eP 01 08.53 1.1
ARC 40.70 314 ePc 01 09.71 1.2
1.3s 200.00nm 5.7mb
Z 18s 0.90um 4.7Msz
eLR 14 21.42
DPW 40.77 327 eP 01 08.00 -1.1
VGB 40.83 322 (P) 01 10.44 0.8
LON 42.11 323 eP 01 19.36 -0.7
RMW 42.50 324 (P) 01 23.83 0.5
MOCB 42.70 152 P 01 28.10 2.4
BMW 42.79 322 eP 01 26.11 0.4
GMW 43.10 323 eP 01 28.01 -0.2
MCW 43.75 325 eP 01 31.60 -1.8
FRB 48.41 10 eP 02 10.00 -0.1
0.9s 9.00nm 4.8mb
BAO 49.35 129 eP 02 28.20 10.0X
YKA 49.88 343 eP 02 19.70 -1.8
0.8s 5.90nm 4.6mb
Z 20s 0.59um 4.6Msz
LR 33 24.00
SOB1 51.45 117 eP 02 34.50 0.4
RES 58.12 357 eP 03 19.50 -2.3
0.9s 5.00nm 4.6mb
INK 59.57 341 eP 03 31.00 -1.0
1.0s 6.00nm 4.7mb
KLU 61.22 332 eP 03 41.81 -1.7
TOA 61.53 332 eP 03 46.90 1.3
1.1s 60.40nm 5.7mb
MBC 61.97 351 eP 03 46.50 -1.7
1.0s 17.00nm 5.2mb
PMR 62.72 331 (P) 03 53.40 0.0
1.1s 6.85nm 4.8mb
PMS 62.82 331 eP 03 52.60 -1.6
0.9s 16.30nm 5.2mb
SLKM 62.95 330 eP 03 52.78 -2.2
FBA 63.12 335 eP 03 54.95 -1.1
0.6s 1.78nm 4.4mb
CP2 64.09 331 (P) 04 06.20 3.5X
SVW 65.66 330 eP 04 11.71 -0.9
0.5s 11.49nm 5.3mb
IMA 65.81 336 eP 04 12.90 -0.7
2.0s 29.40nm 5.1mb
TTA 66.15 332 eP 04 13.14 -2.7
1.2s 10.50nm 4.9mb
DAG 68.58 13 eP 04 30.50 -0.3
EKA 72.25 37 P 04 51.00 -2.4
0.9s 7.10nm 4.8mb
PAB 73.08 53 eP 05 16.10 17.3X
eS 14 28.00
LPF 74.30 44 eP 05 04.90 -0.6
1.0s 17.80nm 5.1mb
GRR 74.38 44 eP 05 06.10 0.1
0.9s 18.35nm 5.1mb
FLN 74.57 43 eP 05 06.80 -0.3
0.8s 10.05nm 4.9mb
Z 20s 0.75um 5.0Msz
LDF 74.83 43 eP 05 07.40 -1.2
EPF 76.03 49 eP 04 57.00 -18.7X
ADK 77.46 321 (P) 05 22.12 -1.2
0.8s 9.48nm 4.9mb
NB2 78.86 29 P 05 30.80 -0.1
1.2s 12.00nm 4.8mb
TIC 79.40 86 P 05 34.42 -0.3
0.9s 11.00nm 4.8mb
LIC 79.50 87 P 05 35.18 -0.1
0.8s 17.50nm 5.1mb
KIC 79.74 86 P 05 36.44 -0.1
0.7s 8.50nm 4.8mb
GRF 81.88 41 iPd 05 47.90 0.8
0.9s 7.30nm 4.8mb
Z 18s 0.60um 5.0Msz
e(pP) 06 02.90 52kmX
CLL 82.50 39 eP 05 51.00 0.7
e 06 06.00
e 06 19.00
SDF 82.84 21 iP 05 52.50 0.7
BRG 83.20 39 eP 05 55.10 1.2
e 06 09.60
KHC 83.51 41 eP 05 57.00 1.3
1.2s 10.00nm 4.9mb
Z 20s 0.60um 5.0Msz
N 20s 0.30um
E 20s 0.40um
e 06 11.50
e 06 21.00
GEC2 83.68 41 P 05 55.90 -0.7
0.9s 2.68nm 4.5mb
e 06 03.90
e 06 07.00
e 06 09.20
e 06 20.90
e 06 25.10
e 06 33.80
PRU 83.84 40 eP 05 58.00 0.8
e 06 25.50
KAF 85.23 26 eP 06 03.40 -0.5
0.9s 15.60nm 5.2mb
NUR 85.23 28 eP 06 03.60 -0.4
LVZ 85.32 19 eP 06 06.20 1.8
PTJ 86.09 43 eP 06 10.10 1.4
SRO 86.92 41 eP 06 28.70 16.1X
OBN 93.48 29 eP 06 44.00 0.8
e 10 26.00
MAIO 117.88 31 ePdiff08 38.00 5.1X
BJI 119.84 341 ePdiff08 38.50 -2.9X
Z 24s 0.64um 5.2MszX
STKA 134.56 242 ePKP 12 59.80 12.8X
1.3s 11.10nm
WB2 141.74 259 ePKP 12 55.90 -4.7X
1.1s 2.10nm
WRA 141.75 259 PKP 12 54.50 -6.1X
1.2s 1.10nm
ASPA 142.13 253 ePKP 13 04.70 3.5X
0.7s 6.00nm
i 13 11.80
GBA 145.60 30 PKP 13 05.00 -2.2X
NNT 150.28 349 ePKP 13 15.20 0.5
WOOL 151.14 235 ePKP 13 22.70 7.2X
i 13 31.00
S.D. = 1.3 on 119 of 144 obs.

JUN 08, 1994 21h 03m 41.46± 0.29s
43.228 N ± 3.5km 86.886 E ± 6.7km
DEPTH = 33.0km (normal)
4.6mb (41 obs.)
NORTHERN XINJIANG, CHINA (332)

LZH 14.87 113 eP 07 14.00 2.9
DANN 15.06 191 P 07 13.79 0.0
0.6s 14.00nm 4.4mb
GKN 15.30 188 P 07 17.49 0.7
GUN 15.31 183 P 07 16.53 -0.5
PYUN 15.42 193 P 07 17.49 -0.9
0.6s 12.00nm 4.3mb
KKN 15.46 185 P 07 18.99 0.1
JIRN 15.54 182 P 07 21.11 1.0
0.4s 8.00nm 4.2mb
DMN 15.65 186 P 07 21.61 0.2
KOLN 15.65 191 P 07 20.61 -0.8
0.9s 20.00nm 4.3mb
PKI 15.67 185 P 07 21.61 -0.1
0.6s 21.00nm 4.5mb
TAPN 15.86 177 P 07 22.99 -1.1
ODAN 16.34 178 P 07 29.39 -0.8
NDI 16.47 211 eP 07 33.00 1.4
KMI 22.25 139 eP 08 37.40 0.2
0.8s 20.00nm 4.6mb
pP 08 42.40 18kmX
KAF 39.55 320 iP 11 11.20 0.6
0.5s 3.00nm 4.3mb
SDF 39.78 328 iP 11 14.30 1.9
NUR 40.40 318 iP 11 18.50 0.9
0.5s 5.60nm 4.6mb
MLR 42.71 295 eP 11 36.00 -0.9
UPP 43.96 317 iP 11 47.40 0.7
HFS 45.84 318 eP 12 02.00 0.2
0.7s 12.40nm 5.0mb
NB2 46.83 320 P 12 09.40 -0.2
0.8s 7.70nm 4.7mb
CLL 48.80 307 iPd 12 25.90 0.8
KHC 49.27 304 eP 12 30.00 1.2
e 13 39.00
GEC2 49.31 303 P 12 28.60 -0.5
1.0s 1.25nm 3.9mb
e 12 36.40
e 12 39.50
KBA 50.23 301 iPc 12 37.10 0.8
0.6s 2.90nm 4.5mb
WTTA 51.21 302 iPc 12 44.60 0.8
0.6s 9.20nm 4.9mb
WATA 51.22 302 iPc 12 44.70 0.9
SQTA 51.49 302 iPc 12 46.60 0.8
CDF 53.36 305 eP 13 00.00 0.3
0.5s 1.45nm 4.2mb
HAU 54.10 305 eP 13 05.20 0.1
0.3s 1.55nm 4.5mb
LPG 55.03 302 eP 13 13.00 0.7
0.6s 15.05nm 5.2mb
LPL 55.03 302 eP 13 12.90 0.7
0.6s 17.60nm 5.3mb
SBF 55.39 300 eP 13 14.80 0.2
0.8s 11.55nm 5.0mb
LOR 55.93 305 eP 13 17.90 -0.5
EKA 55.96 316 P 13 17.00 -1.5
0.8s 3.10nm 4.4mb
LBF 56.00 305 eP 13 18.50 -0.4
0.4s 1.15nm 4.3mb
FRF 56.03 300 eP 13 19.00 -0.2
0.6s 2.70nm 4.5mb
LMR 56.23 300 eP 13 20.50 -0.1
0.6s 2.05nm 4.3mb
SSF 56.24 305 eP 13 20.00 -0.6
0.5s 2.75nm 4.5mb
SMF 56.25 305 eP 13 20.30 -0.4
0.6s 3.80nm 4.6mb
LRG 56.27 300 eP 13 20.80 0.0
0.6s 2.80nm 4.5mb
AVF 56.47 305 eP 13 21.80 -0.5
0.6s 3.25nm 4.5mb
BGF 56.89 305 eP 13 24.90 -0.4
0.5s 3.65nm 4.7mb
MAF 57.22 305 eP 13 27.80 0.1
0.5s 4.50nm 4.8mb
TCF 57.40 305 eP 13 28.90 0.0
0.7s 5.30nm 4.7mb
LDF 57.61 308 eP 13 29.80 -0.5
0.5s 6.10nm 4.9mb
FLN 57.73 309 eP 13 30.60 -0.5
0.5s 6.65nm 4.9mb
GRR 58.14 308 eP 13 33.20 -0.8
0.6s 7.05nm 4.9mb
RJF 58.32 304 eP 13 35.70 0.3
0.6s 3.80nm 4.7mb
LPF 58.42 308 eP 13 35.40 -0.6
0.6s 4.25nm 4.7mb
MFF 58.64 306 eP 13 37.20 -0.4
LPO 58.85 304 eP 13 39.30 0.3
0.5s 5.10nm 4.9mb
LFF 58.98 304 eP 13 40.30 0.4
0.6s 7.50nm 5.0mb
MBC 59.62 7 eP 13 43.00 -1.0
0.9s 2.00nm 4.2mb
EPF 60.24 303 eP 13 48.10 -0.6
0.8s 7.00nm 4.8mb
INK 64.75 15 eP 14 17.00 -1.2
YKA 73.22 10 eP 15 08.80 -1.7
0.7s 2.40nm 4.3mb
WRA 76.49 135 P 15 30.00 0.2
0.7s 1.00nm 3.9mb
WB2 76.50 135 eP 15 28.20 -1.6
0.5s 3.10nm 4.6mb
S.D. = 0.9 on 59 of 59 obs.

& JUN 08, 1994 21h 06m 18.58s
34.379 N 116.462 W
DEPTH = 1.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.7 (PAS).

SIL 0.30 264 P 06 24.71 0.1
TPC 0.44 128 P 06 27.15 -0.2
INS 0.49 153 P 06 28.17 -0.3
MDA 0.64 224 P 06 31.05 -0.4
FRGC 0.70 152 P 06 32.06 -0.6
CSP 0.75 264 eP 06 32.66 -0.8
eS 06 42.95
PEC 0.76 230 ePd 06 32.78 -0.9
eS 06 42.88

```
HOD     0.79 306 P        06 33.54   -0.9
BLKC    0.94 319 P        06 36.52   -0.8
GSC     0.96 343 eP       06 36.63   -1.1
COY     1.02 173 P        06 37.59   -1.1
HYS     1.03 298 P        06 37.90   -1.1
SSK     1.03 261 eP       06 37.82   -1.2
                 eS       06 52.11
PLM     1.08 198 eP       06 38.68   -1.1
SBKC    1.16 307 P        06 40.24   -0.8
BRGC    1.23 169 P        06 41.29   -1.0
XMS     1.36 328 P        06 44.10   -0.4
DTP     1.44 308 P        06 44.56   -1.3
WSHM    1.51 326 P        06 46.09   -0.8
TPO     1.54 289 P        06 48.18    0.9
DBM     1.68 291 P        06 49.56    0.3
STTC    1.70 284 P        06 51.09    1.5
RCWM    1.84 329 P        06 53.52    1.8
NMC     1.88 321 P        06 54.40    2.2
WHFM    2.03 311 P        06 56.08    1.7
ISA     2.09 308 ePn      06 56.07    0.8
ABL     2.32 282 (P)      06 59.41    0.6
TPNV    2.57   4 ePn      07 00.25   -2.0
      28 obs. associated
-------------------------------------
? JUN 08, 1994  21h 23m 53.43± 3.16s
  45.697 N ±26.4km   26.620 E ±11.5km
  DEPTH =  97.5 ± 30.2 km
 ROMANIA                        (358)

VRI     0.19  23 iPd     24 07.00    0.2
MLR     0.52 247 iPc     24 09.00   -0.5
ISR     0.56 185 iPc     24 10.00    0.3
PPE     0.87  53 eP      24 30.50   18.0X
CFR     1.19 115 iPd     24 16.00   -0.1
COZ     1.65 258 eP      24 22.10    0.1
    S.D. = 0.6  on   5 of   6 obs.
-------------------------------------
* JUN 08, 1994  21h 25m 11.55± 0.72s
  24.195 N ± 9.1km  122.267 E ±24.8km
  DEPTH =  33.0km  (normal)
  4.5mb (  3 obs.)
 TAIWAN REGION                  (243)

CVP     6.47 184 ePd     26 47.00    0.0
SSE     6.94 352 Pn      26 53.50    0.0
   Z  20s      0.50um
   N  11s      0.40um
                 Sn      28 11.00
BJI    16.61 343 eP      29 15.00   11.6X
LZH    19.82 311 eP      29 42.50    0.0
                 pP      29 55.00   58kmX
WRA    45.42 164 P       33 29.40    0.3
       0.7s      2.50nm          4.2mb
WB2    45.42 164 iPc     33 28.80   -0.3
       0.8s      5.50nm          4.5mb
ASPA   48.90 166 eP      33 56.50    0.1
       0.7s      6.40nm          4.8mb
    S.D. = 0.3  on   6 of   7 obs.
-------------------------------------
% JUN 08, 1994  23h 14m 55.89± 1.27s
  15.984 N ± 7.8km   60.798 W ±13.5km
  DEPTH =  31.1 ±  8.3 km
 LEEWARD ISLANDS                ( 92)
     ML 2.8 (FDF).

DEG     0.41 323 eP      15 05.00   -0.1
                 S       15 12.00
MGG     0.50 263 eP      15 06.50    0.1
DOG     0.79 274 eP      15 10.85    0.1
PAG     0.85 273 ePd     15 11.58   -0.1
                 S       15 22.91
CRM     1.23 185 iPd     15 17.33    0.3
                 S       15 32.83
FDF     1.29 195 iPc     15 17.35   -0.5
                 S       15 32.85
MVM     1.42 184 eP      15 19.82    0.0
BPA     1.47 316 eP      15 20.50    0.1
BIM     1.48 190 eP      15 20.87    0.2
                 S       15 38.99
    S.D. = 0.3  on   9 of   9 obs.
-------------------------------------
  JUN 08, 1994  23h 15m 30.38± 0.72s
  43.010 N ± 6.3km   18.754 E ± 4.7km
  DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION     (383)
     ML 2.5 (TTG).

BRY       0.19 235 iPgd   15 34.06   -0.6
                   iSg    15 36.99
NKY       0.27 138 iPgc   15 36.32    0.3
                   iSg    15 41.67
PLE       0.57  55 iPgc   15 41.37   -0.6
                   iSg    15 49.47
HCY       0.59 199 iPgc   15 42.05   -0.3
                   iSg    15 51.49
TTG       0.69 147 iPgc   15 43.20   -0.8
                   iSg    15 55.50
BDV       0.73 176 iPgd   15 44.70    0.0
                   iSg    15 56.65
IVA       0.85  99 iPgc   15 46.75   -0.1
                   iSg    16 00.14
PVY       0.99 114 iPgc   15 50.00    0.8
                   iSg    16 05.22
ULC       1.11 161 iPgd   15 51.78    0.6
                   iSg    16 09.52
HVAR      1.70 276 iPnc   16 01.00    0.8
                   iSn    16 25.40
     S.D. = 0.7  on  10 of  10 obs.
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   JUN 08, 1994  23h 20m 14.31± 0.86s
    5.601 S ± 5.1km  151.517 E ± 7.2km
   DEPTH =  75.6 ±  8.3 km
   5.1mb ( 14 obs.)
 NEW BRITAIN REGION, P.N.G.       (192)

RAB      1.54  25 iPd-   20 38.00   -2.4
                  iS     21 03.50
KVG      3.07 347 ePd    21 02.70    1.2
LAT      4.61 257 eP     21 22.60   -0.5
MDG      5.72 273 e(P)   21 40.60    2.0
PMG      5.74 229 eP     21 37.90   -1.0
                  eS     22 44.00
WWKK     8.11 284 eP     22 14.10    2.5
CTA     15.28 199 iPc    23 49.50    2.4
         1.0s     50.00nm        4.7mb
GUA     20.11 341 eP     24 44.80    0.1
         0.8s    400.00nm        5.8mb
GUMO    20.18 341 eP     24 44.10   -1.2
         1.0s    377.60nm        5.7mb
PJG     20.18 341 eP     24 45.00   -0.3
BKM     20.28 128 iPc    24 47.50    1.1
SWI     20.76 282 ePc    25 06.00   14.7X
MTN     21.36 249 eP     24 56.00   -1.3
         0.4s     58.00nm        5.3mb
                  e      25 08.00
NOUC    21.76 140 iPc    25 01.20   -0.1
DZM     21.83 140 iPc    25 02.30    0.2
WB2     21.95 228 iPd    25 02.30   -0.9
         0.5s    334.50nm        6.0mb
                  i      25 05.30
                  iS     29 01.70
ARMA    24.69 180 iPc    25 29.30   -0.5
         0.6s     26.00nm        4.8mb
ASPA    24.71 222 iPc    25 29.90   -0.1
         0.6s    223.80nm        5.8mb
     Z  23s       0.50um         3.9MszX
                  ipP    25 42.50   51kmX
                  eS     29 52.20
STKA    27.74 198 eP     25 56.40   -1.4
         1.0s     46.90nm        5.0mb
WARB    31.36 227 iPc    26 29.90   -0.2
ADE     31.53 200 eP     26 31.10   -0.4
TOO     32.29 189 iPd    26 38.00   -0.1
         1.1s     49.00nm        5.2mb
MBL     34.38 240 eP     26 55.20   -1.1
         0.5s     13.00nm        5.1mb
MEEK    37.70 233 iPc    27 23.70   -0.7
WOOL    37.76 224 iPd    27 23.70   -1.0
                  ipP    27 36.50   48kmX
NANU    38.61 241 iPd    27 31.30   -0.7
TKSJ    42.70 338 eP     28 05.00   -0.4
TSRJ    43.45 341 P      28 12.70    1.2
MAT     43.73 344 eP     28 14.00    0.2
         0.8s      4.48nm        4.3mb
                  eS     34 49.00
YONJ    43.99 339 eP     28 15.30   -0.6
SSE     46.60 323 P      28 43.00    6.4X
KMI     56.38 305 eP     29 49.60   -1.1
         1.0s     10.00nm        4.8mb
                  sP     30 05.40
CHTO    57.19 296 eP     30 08.90   12.7X
LZH     60.92 317 eP     30 35.00   13.1X
         1.2s     40.00nm
                  pP     30 45.00   33kmX

CSY     66.89 197 iPd    31 03.40    3.2X
         0.8s     20.10nm        5.1mb
SPA     84.43 180 iPc    32 40.50    0.8
         0.8s      5.83nm        4.7mb
NB2    117.22 340 PKP    38 51.30   -0.9
         0.7s      0.70nm
KHC    123.95 328 ePKP   39 07.00    1.5
         1.0s      3.50nm
                  e      39 19.50
GEC2   124.05 328 PKP    39 05.90    0.1
         0.6s      0.46nm
                  e      39 08.50
                  e      39 18.80
                  e      39 22.80
                  e      39 30.50
GRF    124.82 330 ePKP   39 20.80   13.7X
CDF    127.62 331 ePKP   39 26.30   13.7X
BSF    128.25 330 ePKP   39 27.70   13.8X
         1.2s     11.60nm
HAU    128.35 331 ePKP   39 27.90   13.9X
         1.3s     15.90nm
BCAO   133.16 271 ePKPd  39 25.00    0.9
         0.3s      5.00nm
LPB    135.07 120 PKP    39 27.80   -0.3
LPAZ   135.15 120 PKP    39 29.80    1.3
BAO    151.39 138 ePKP   39 57.20    1.5
                  i      40 02.30
KIC    156.38 273 PKP    40 20.62   18.1X
         0.9s     11.00nm
     S.D. = 1.2  on  38 of  48 obs.
-------------------------------------
* JUN 09, 1994  00h 27m 50.92± 3.01s
  44.421 N ±15.2km    7.339 E ±18.4km
  DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                 (545)
     ML 1.8 (LDG).

ISO      0.31 221 iPgc   27 57.10   -0.4
                  e      28 00.35
                  e(Sg)  28 00.39
FOUF     0.41 285 ePg    27 59.34    0.0
                  eSg    28 03.84
SBF      0.56 173 Pg     28 02.20   -0.2
                  Sg     28 09.40
FRF      0.99 210 Pg     28 09.30   -0.5
                  Sg     28 21.20
LRG      1.20 217 Pg     28 13.30    0.1
                  Sg     28 28.40
LMR      1.24 209 Pg     28 14.90    0.9
                  Sg     28 28.70
     S.D. = 0.7  on   6 of   6 obs.
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  JUN 09, 1994  00h 33m 16.23± 0.11s
  13.841 S ± 2.6km   67.553 W ± 2.6km
  DEPTH = 631.3km  (geophysicist)
  7.0mb ( 76 obs.)
 NORTHERN BOLIVIA               (119)
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Mw 8.2 (GS), 8.2 (HRV). mb 7.4 (BRK). Mo=8.5*10**20 Nm (PPT). Unconfirmed reports of five people killed in Peru; three in Arequipa Province by a landslide collapsing their house and two in Cuzco Province; one by falling debris and another by a heart attack. Numerous injuries and landslides occurred in southern Peru. Damage (VI) at La Paz. In Cochabamba, La Paz and Oruro, a large number of windows broke in tall buildings, and some structural damage occurred. Some minor structural damage also occurred at Brasilia, Campo Grande, Porto Velho and Manaus, Brazil; Arica, Chile and Tacna, Peru. Felt in many parts of South America, including most of Argentina, Bolivia and Brazil. Felt lightly in Uruguay. Felt (IV) at Arequipa, Moquegua, Puno and Tacna; (III) at Moyobamba, Rioja and Tarapoto, Peru. Felt (IV) at Arica, (III) at Iquique, (II) at Copiapo and (I) at Santiago, Chile. Felt (IV) at Guayaquil and (III) at Quito,

09d 00h

Ecuador. Felt on Puerto Rico and
in the Dominican Republic. Felt
at many locations in North
America, including Los Angeles,
California; Renton, Washington;
Omaha, Nebraska; Sioux City,
Iowa; Minneapolis, Minnesota; La
Crosse, Wisconsin; Chicago,
Illinois; Parkersburg, West
Virginia; Norwich, Connecticut;
Boston, Massachusetts and
Toronto, Canada. This is the
first earthquake from this part
of South America believed to
have been felt in North America
and is also believed to be the
largest ever recorded in this
general area. Three events with
intervals of about 11.5 seconds
between each event. Depth from
broadband displacement
seismograms, based on second
event.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 95 Dip=82 Slip= -98
NP2: 320 11 -45
Principal Axes:
T Plg=37 Azm=192
P 52 356
Comment: The focal mechanism is
poorly controlled and
corresponds to normal
faulting with a small left-
lateral strike-slip
component. The preferred
fault plane is NP2.
RADIATED ENERGY
No. of sta: 25 Focal mech. F
Energy 3.2±0.6*10**16 Nm
MOMENT TENSOR SOLUTION
Dep 631 No. of sta: 25
Moment Tensor; Scale 10**21 Nm
Mrr=-0.29 Mtt= 0.36
Mff=-0.07 Mrt=-1.94
Mrf= 0.17 Mtf=-0.55
Principal axes:
T Val= 2.13 Plg=38 Azm=198
N -0.17 14 96
P -1.96 48 349
Best Double Couple:Mo=2.0*10**21
NP1:Strike=345 Dip=15 Slip= -20
NP2: 95 85 -104
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
M.W.: 65S,181C
Centroid Location:
Origin Time 00:33:45.4 0.1
Lat 13.82S 0.00 Lon 67.25W 0.01
Dep 647.1 0.7 Half-duration 20.0
Moment Tensor; Scale 10**21 Nm
Mrr=-0.76 0.01 Mtt= 0.77 0.01
Mff=-0.02 0.01 Mrt=-2.50 0.01
Mrf= 0.04 0.01 Mtf=-0.25 0.01
Principal Axes:
T Val= 2.65 Plg=36 Azm=186
N -0.03 5 92
P -2.62 53 356
Best Double Couple:Mo=2.6*10**21
NP1:Strike=302 Dip=10 Slip= -60
NP2: 92 81 -95

ZOBO	2.48	193	P	34 36.84	0.4	
LPAZ	2.50	193	Pd	34 36.60	0.0	
			i	34 51.50		
			S	35 38.20		
LPB	2.73	191	iPd	34 37.60	0.2	
CCH	3.78	159	iPd	34 45.40	2.1	
ARE	4.61	235	iPd	34 48.50	-0.4	
CALV	15.96	319	P	36 36.19	3.0X	
RTPR	16.41	177	P	36 36.20	-0.9	
FLOC	17.23	332	eP	36 45.34	0.4	
CAYA	17.26	322	P	36 49.06	3.2X	
RTLL	17.43	183	P	36 46.79	0.0	
YANA	17.47	320	P	36 49.30	1.6	
ZON	17.65	183	iPc	36 48.50	-0.4	
			eS	39 48.50		
			ScP	43 48.50		

			PcS	44 48.50		
			ScS	46 48.50		
COTA	17.68	322	P	36 51.73	2.0	
CFA	17.69	182	P	36 48.40	-0.8	
PSO	17.80	326	eP	36 52.00	1.3	
CRUC	17.86	328	ePd	36 53.34	2.1	
CUMC	17.91	324	P	36 53.34	1.5	
RTCV	17.96	183	P	36 51.00	-0.7	
PURC	18.28	331	iPd	36 56.19	0.9	
JAMA	18.41	316	P	36 56.59	0.6	
SILC	18.59	331	iPd	36 56.75	-1.3	
MUNC	18.70	329	ePd	36 59.54	0.6	
JACH	18.96	188	iPd	36 59.73	-1.2	
BAO	19.00	98	eP	37 00.90	-0.6	
ROCH	19.30	189	eP	37 02.14	-2.1	
CHIC	19.35	341	eP	37 05.71	0.7	
AZUC	19.39	333	iPd	37 05.22	-0.2	
HOQC	19.41	332	iPd	37 04.30	-1.1	
PEL	19.43	188	P	37 03.40	-1.8	
BOG	19.45	340	iP	37 08.00	2.2	
IHA	19.46	190	eP	37 03.60	-1.7	
FCH	19.56	187	iPd	37 05.68	-1.0	
ANCC	19.56	331	iPd	37 06.22	-0.3	
SAN	19.73	188	iPd	37 08.03	0.2	
PCH	19.87	187	iPd	37 07.79	-1.5	
LCCH	19.89	190	iP+	37 01.75	-7.5X	
TACH	19.96	188	iPd	37 08.06	-1.9	
HOBC	19.98	334	iPd	37 09.02	-1.4	
LNV	20.33	189	eP	37 10.74	-2.5	
CACH	20.38	187	iPd	37 12.43	-1.4	
BMG	21.49	345	iPd	37 23.00	-1.0	
UFRS	22.15	139	eP	37 27.20	-2.5	
			i	37 27.60		
TPP	24.75	14	eP	37 55.46	2.6	
TBH	25.01	15	eP	37 57.32	2.2	
TCE	25.05	14	eP	37 56.57	1.1	
TRN	25.08	14	eP	37 56.97	1.2	
UPA	25.60	332	iPd	38 01.99	1.7	
BOT	25.75	16	eP	38 03.28	1.7	
GRW	26.48	13	eP	38 08.97	0.9	
SOB1	26.51	83	eP	38 08.10	-0.2	
DVD	26.62	325	iP	38 00.12	-9.0X	
BRU	26.98	326	eP	38 01.84	-11.0X	
SVB	27.65	13	eP	38 17.50	-0.6	
SVV	27.70	13	eP	38 18.11	-0.4	
SLB	28.23	13	eP	38 22.65	-0.5	
SLW	28.45	14	eP	38 25.61	0.7	
BIM	28.90	13	eP	38 27.89	-0.9	
MVM	28.97	13	eP	38 28.65	-0.8	
ITR	28.99	83	iPd	38 29.70	0.0	
FDF	29.09	13	eP	38 29.22	-1.2	
CRM	29.16	13	eP	38 30.39	-0.6	
DPMT	29.55	12	eP	38 33.00	-1.3	
MGG	30.20	12	ePd	38 37.81	-2.0	
PAG	30.24	11	ePd	38 38.76	-1.4	
DOG	30.26	11	eP	38 38.49	-1.8	
SFG	30.55	12	ePd	38 40.02	-2.7	
DEG	30.64	12	ePd	38 41.32	-2.2	
MBET	30.85	10	eP	38 43.50	-1.8	
			eS	43 14.00		
SSN	30.88	323	eP	38 45.47	0.0	
BPA	31.20	11	eP	38 45.00	-3.2X	
MGP	31.65	1	P	38 51.00	-0.9	
CPD	31.72	3	P	38 50.90	-1.6	
CLLP	31.73	2	P	38 51.40	-1.2	
SJG	31.78	3	ePd	38 52.68	-0.4	
			e	38 55.99		
			ed	39 03.14		
			epPd	40 32.15		
			ed	40 44.23		
			e	40 52.26		
LRS	31.94	1	P	38 53.20	-1.2	
CSB	31.96	3	P	38 53.29	-1.3	
PYT	31.98	324	eP	38 54.72	-0.1	
LPR	31.99	3	P	38 53.00	-1.8	
APR	32.10	1	P	38 54.59	-1.1	
PYN	32.42	323	eP	38 58.12	-0.3	
TER	36.14	320	ePd	39 30.78	1.5	
PCG	36.16	320	iPc	39 32.24	2.5	
GCG	36.26	320	eP	39 32.43	2.0	
BVA	36.39	320	ePd	39 33.56	2.0	
RDG	36.55	321	ePd	39 34.37	1.5	
TPX	37.60	319	(P)	39 43.10	2.0	
SCX	39.20	320	(P)	39 55.41	1.3	
LVVM	43.84	319	(P)	40 31.08	0.5	
IISM	43.90	317	(P)	40 33.44	2.4	
ACX	44.15	313	(P)	40 34.42	1.4	

IIT	44.54	316	(P)	40 38.93	2.6	
PPM	44.79	316	(P)	40 39.87	1.3	
IIA	44.87	316	(P)	40 40.19	1.7	
III	44.89	315	(P)	40 39.85	0.9	
UNM	45.35	316	(P)	40 43.00	0.5	
CRX	45.74	316	(P)	40 48.13	2.6	
MRX	46.98	314	(P)	40 56.25	1.7	
SGS	48.38	345	eP	41 03.37	-1.4	
CGX	48.58	313	(P)	41 08.71	2.0	
AGX	49.21	316	(P)	41 12.00	0.9	
JSC	49.60	345	eP	41 11.78	-1.9	
LHS	49.68	346	iP	41 12.10	-2.2	
PRM	49.70	344	iPd	41 13.16	-1.3	
CEH	50.65	348	ePd	41 20.46	-1.0	
	0.8s		*******nm			7.3mb X
			e	41 24.19		
			ed	41 31.89		
			e	41 44.38		
			e	43 41.18		
MYNC	51.12	343	P	41 30.00	5.1X	
	Z 21s		128.10um			6.9Msz
BLA	52.20	347	ePd	41 31.54	-1.1	
			i	41 32.72		
NAV	52.39	347	ePd	41 32.62	-1.4	
			i	41 33.89		
CVL	52.55	349	ePd	41 33.63	-1.4	
			i	41 34.82		
MFTN	53.84	338	ePc	41 41.57	-2.6	
GRT	53.95	338	ePc	41 42.30	-2.6	
MIAR	54.10	333	ePc	41 45.36	-0.6	
	0.8s		*******nm			7.6mb X
			e	41 58.81		
NMMO	54.28	338	eP	41 45.93	-1.3	
LST	54.29	338	eP	41 44.11	-3.1X	
GMTN	54.79	354	iP	41 49.90	-0.8	
PNJ	54.81	354	eP	41 49.02	-1.8	
PNJ	54.81	354	i(P)	41 49.48	-1.3	
WCC	54.92	354	eP	41 50.38	-1.1	
			e	42 04.49		
			ePP	44 01.63		
DON	54.94	338	(P)	41 49.60	-2.2	
TBR	55.05	354	eP	41 50.98	-1.5	
CRNY	55.15	354	ePd	41 51.62	-1.5	
			ePP	44 02.09		
LTX	55.30	321	ePd	41 52.22	-2.3	
LSCT	55.49	355	ePd	41 54.50	-1.0	
	0.7s		*******nm			7.2mb X
			ePP	44 04.47		
FVM	55.84	338	iPd-	41 55.43	-2.6	
			eS	48 52.08		
HRV	56.19	356	ePd	42 00.27	0.0	
	0.8s		*******nm			7.4mb X
			e	42 03.83		
			ed	42 11.61		
			e	42 24.35		
			ed	44 10.34		
			e	44 24.66		
			e	52 42.25		
CCM	56.20	338	ePd	41 59.76	-0.7	
			e	42 03.58		
			ed	42 10.94		
			e	42 23.69		
			ed	44 07.00		
			e	44 21.99		
TUL	56.23	332	iPc	41 58.60	-2.1	
BINY	56.30	352	ePd	41 59.97	-1.1	
	1.0s		*******nm			7.6mb X
			e	42 15.49		
			ePP	44 15.13		
SLM	56.35	339	P	42 10.00	8.5X	
	Z 21s		121.31um			7.0Msz
TYS	56.37	338	ePc	41 58.81	-2.8	
			eS	48 57.49		
FNO	56.43	331	iPc	42 00.00	-2.1	
MEO	56.63	329	iPc	42 01.00	-2.4	
OCO	56.69	331	iPc	42 01.90	-1.9	
WMOK	56.69	329	ePd	42 02.94	-0.9	
	0.6s		*******nm			7.3mb X
			e	42 07.24		
			ed	42 14.36		
			e	42 27.44		
			ed	44 12.55		
			e	44 20.97		
YSNY	56.94	350	ePd	42 04.08	-1.4	
	1.1s		*******nm			7.5mb X
STCO	57.76	350	P	42 10.41	-0.5	
TYNO	57.77	349	P	42 10.34	-0.7	

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DLA    57.87 348 P      42 09.50  -2.2
LBNH   57.94 356 ePd    42 11.22  -0.9
       0.9s  *******nm         7.2mb X
                 e      42 23.01
                 ePP    44 28.62
LDN    57.96 348 P      42 10.40  -1.9
ELF    58.14 348 P      42 12.40  -1.1
ACTO   58.30 349 P      42 13.57  -1.0
WLVO   58.33 351 P      42 13.98  -0.7
ACO    58.43 330 iPc    42 13.50  -2.1
RSNY   58.45 354 ePd    42 14.51  -1.0
       1.2s  *******nm         7.5mb X
                 e      42 28.16
LMN    59.46   2 eP     42 21.00  -1.2
GAC    59.69 354 eP     42 23.00  -0.7
JFWS   60.19 341 ePd    42 24.74  -2.3
       0.4s  *******nm         7.5mb X
                 ePP    44 39.42
CBM    60.49 360 ePd    42 29.37   0.5
       0.9s  *******nm         7.4mb X
                 e      42 32.68
                 ed     42 40.38
                 e      42 53.13
                 ed     44 41.14
                 e      44 50.82
ALQ    60.96 324 ePd    42 32.53   0.1
       0.8s  4650.52nm         6.8mb
     Z  21s     99.57um        6.9Msz
                 e      42 37.08
                 ed     42 43.95
                 e      42 57.27
                 ed     44 45.34
                 e      44 53.86
TUC    61.78 319 P      42 50.00  12.4X
     Z  20s     29.50um        6.4Msz
TUC    61.78 319 P      42 37.45  -0.2
       2.1s  *******nm         7.1mb X
CHIE   63.38  49 iPd    42 47.40  -0.4
GLD    63.81 328 (P)    42 50.69   0.1
     Z  18s     41.92um        6.7Msz
                 S      50 29.79
GOL    63.85 328 ePd    42 51.05   0.2
       0.9s  *******nm         7.4mb X
                 e      42 55.18
                 ed     43 02.55
                 e      43 15.55
RIA    63.97  34 iP     42 53.50   2.1
STGR   64.30  33 eP     42 55.00   1.6
SETA   64.64  36 eP     42 56.50   0.9
PDA    64.64  36 iP     42 56.00   0.5
FAC    64.67  36 eP     42 56.75   1.1
CML    64.72  36 eP     42 57.00   0.9
LFA    64.76  36 eP     42 57.25   0.9
PV08   64.78 325 ePd    42 55.92  -0.9
MESC   64.80  36 eP     42 57.51   0.9
PV10   64.85 325 eP     42 55.11  -2.1
SDCA   64.87  36 eP     42 59.25   2.2
PV09   64.99 325 eP     42 57.17  -1.0
CTFE   65.04  49 iPc    42 59.00   0.8
LIC    65.17  76 Pd     42 57.66  -1.6
       0.6s  1922.00nm         6.6mb
                 S      50 56.88
LIC    65.17  76 Pd     42 59.84   0.6
       0.6s  4645.50nm         7.0mb
     Z  20s     86.67um        6.9Msz
                 S      51 03.14
GGC    65.31  50 iPc    43 02.00   2.1
TIC    65.31  76 Pd     42 58.54  -1.6
       0.8s  1438.50nm         6.4mb
                 S      50 58.68
SRU    66.20 325 ePd    43 04.44  -0.9
PLM    66.42 316 eP     43 05.62  -1.2
RSSD   66.57 332 ePd    43 06.66  -0.9
       0.8s  *******nm         7.3mb X
                 e      43 21.86
CFTV   66.62  50 iPc    43 08.20   0.2
MSU    66.74 323 ePd    43 08.47  -0.3
EMUT   66.84 325 ePd    43 08.75  -0.6
PEC    66.94 316 ePd    43 09.08  -0.8
ARUT   67.01 322 ePd    43 10.21  -0.1
RVR    67.15 316 P      43 12.55   1.5
GAV    67.26 316 P      43 12.01   0.3
CSP    67.31 317 ePd    43 11.74  -0.5
SSK    67.49 316 ePd    43 12.97  -0.4
                 i      43 14.32
DAU    67.50 325 eP     43 12.88  -0.6
GSC    67.55 318 ePd    43 13.12  -0.5

JAQ    67.73 355 eP     43 11.50  -2.7
MWC    67.74 316 P      43 16.67   1.8
TPNV   68.20 320 ePd    43 17.67   0.1
DUG    68.23 324 ePd    43 17.25  -0.4
       1.0s  *******nm         7.3mb X
                 e      43 30.06
                 epP    45 24.13 638kmX
ULM    68.49 341 eP     43 19.50   0.7
SNA    68.80 161 iPc    43 18.50  -1.9
       0.5s   904.00nm         6.5mb
ISA    68.86 317 P      43 30.00   8.6X
     Z  19s     27.11um        6.5Msz
ISA    68.86 317 P      43 20.98  -0.4
       2.0s  *******nm         7.2mb X
ABL    68.88 316 ePd    43 21.21  -0.5
HVU    69.27 325 ePd    43 22.76  -1.1
TNP    69.50 320 ePd    43 24.94  -0.4
BCH    69.66 316 ePd    43 26.01  -0.1
                 i      43 27.57
YEG    69.71 316 P      43 27.55   1.1
PTI    69.79 326 ePd    43 26.37  -0.5
PTRM   70.01 316 P      43 29.54   1.4
MRCM   70.07 319 ePd    43 29.46   0.8
PAGM   70.08 316 P      43 29.14   0.7
HHAI   70.09 327 eP     43 26.79  -1.7
PMGM   70.09 316 P      43 29.10   0.6
PMRM   70.10 317 P      43 29.95   1.4
BONR   70.11 319 eP     43 27.61  -1.4
PMCM   70.15 316 P      43 29.44   0.5
PSRM   70.17 317 P      43 30.09   1.1
PKEM   70.17 317 eP     43 28.59  -0.4
GHC    70.20 317 P      43 28.93  -0.3
PHAM   70.24 317 ePd    43 29.32  -0.1
CTM    70.25 317 P      43 30.52   0.9
MEMM   70.34 319 eP     43 30.55   0.7
PSTM   70.36 317 P      43 31.14   1.0
PCRM   70.41 317 P      43 31.14   0.8
PADM   70.44 316 P      43 31.47   0.9
PDRM   70.50 317 P      43 31.64   0.7
PSMM   70.50 317 P      43 31.60   0.6
PANM   70.55 316 P      43 32.25   1.1
PTV    70.61 317 P      43 32.64   1.1
PRCM   70.62 317 P      43 32.34   0.7
KVN    70.64 320 eP     43 31.40  -0.5
                 i      43 32.07
PSAM   70.67 316 P      43 33.75   1.9
MOP    70.72 317 P      43 33.70   1.5
SAO    71.46 317 ePd    43 37.15   0.7
       0.8s  4420.24nm         7.0mb
     Z  18s     58.41um        6.9Msz
                 ed     43 49.15
                 e      44 02.39
                 e      46 03.45
SAO    71.46 317 ePd    43 29.78  -6.7X
       1.0s  7000.00nm         7.2mb X
                 iPcPd  43 48.78
                 id     44 02.78
                 epPd   45 53.78 744kmX
                 esP    46 56.78
                 eS     52 07.78
                 esS    55 46.78
                 eSS    57 06.78
                 e      00 05.78
                 eLQ    03 32.78
CMB    71.49 318 ePd    43 30.31  -6.3X
       1.1s  5890.00nm         7.0mb X
                 iPcPd  43 49.31
                 id     44 02.31
                 ic     44 06.31
                 epPd   45 47.31 695kmX
                 esPd   46 50.31
                 iS     52 09.31
                 iScS   52 37.31
                 isS    56 03.31
                 iSS    57 07.31
                 e      00 05.31
                 eLQ    03 15.31
                 ePKKS  06 20.31
                 eP'P'  13 35.31
CMB    71.49 318 ePd    43 37.36   0.7
       1.2s  6124.07nm         7.0mb
                 e      43 41.58
                 ed     43 48.70
                 e      44 02.27
ARN    71.84 317 ePd    43 38.90   0.2
COE    71.88 317 eP     43 39.34   0.5
MHC    71.91 317 ePd    43 33.20  -6.0X

       1.5s  *******nm         7.7mb X
                 iPcPd  43 52.20
                 ec     44 09.20
                 epP    45 57.20 742kmX
                 esP    46 51.20
                 eS     52 16.20
                 eScS   52 40.20
                 esS    56 04.20
                 iSS    57 15.20
                 e      00 40.20
                 eLQ    03 24.20
                 ePKKS  06 24.20
                 eP'P'  13 40.19
STAN   72.30 317 ePc    43 37.85  -3.4X
       1.3s  *******nm         7.8mb X
                 iPcPd  43 52.85
                 id     43 58.85
                 id     44 06.85
                 epP    46 00.85 733kmX
                 esPd   47 31.85
                 eS     52 19.85
                 iScS   52 44.85
                 esS    56 14.85
                 iSS    57 15.85
                 e      00 16.85
                 eP'P'  13 51.85
HMR    72.47 318 eP     43 43.04   0.9
JEGM   72.55 317 eP     43 42.86   0.2
BKS    72.60 317 eP     43 40.37  -2.6
       1.5s  *******nm         7.7mb X
                 epP    45 58.37 697kmX
                 esPd   47 01.37
                 eS     52 22.37
                 iScS   52 50.37
                 isS    55 49.37
                 eSS    57 23.37
                 e      00 46.37
                 eLQ    03 38.37
                 ePKKP  13 52.37
TIO    73.02  51 iPd    43 46.80   1.2
                 i      45 03.50
ORV    73.07 319 ePd    43 36.36  -9.2X
       1.5s  *******nm         7.8mb X
                 iPcPd  43 58.36
                 id     44 11.36
                 epPd   46 08.36
                 esPd   47 04.36
                 eS     52 26.36
                 eScS   52 54.36
                 esS    56 19.36
                 eSS    57 30.36
                 e      00 37.36
                 i      01 10.36
                 eLQ    03 44.36
                 ePKKS  07 29.36
                 eP'P'  13 54.36
ORV    73.07 319 ePd    43 45.57   0.0
NTYM   73.16 318 eP     43 45.90  -0.2
MIN    73.59 320 ePd    43 41.70  -7.0X
       1.6s  *******nm         7.3mb X
                 iPcPd  43 59.70
                 ic     44 17.70
                 epPd   46 09.70 763kmX
                 esPd   47 07.70
                 eS     52 29.70
                 eScS   52 58.70
                 isS    56 29.70
                 eSS    57 19.70
                 e      00 40.70
                 eLQ    04 01.70
                 eP'P'  13 26.70
LMEM   73.68 320 (P)    43 48.61  -0.6
AVE    74.03  49 iPd    43 52.00   1.0
                 i      44 01.00
                 i      44 30.00
                 i      44 38.00
WDC    74.31 320 ePd    43 51.86  -0.6
       0.8s  4585.02nm         7.1mb
                 e      43 56.33
                 ed     44 03.45
                 e      44 16.61
                 epPd   46 00.88 631kmX
                 ed     46 10.81
                 e      46 19.58
LBFM   74.34 321 eP     43 52.09  -0.8
RBA    74.79  49 iPd    43 56.00   0.8
                 i      44 01.50
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09d 00h

			i	44 14.50	
			i	44 32.00	
YBH	75.06	321	ePd	43 51.62	-5.1X
	1.2s	7450.00nm			7.1mb
			iPcPd	44 07.62	
			id	44 21.62	
			epPd	46 11.62	701kmX
			esPd	47 24.62	
			eS	52 48.62	
			eScS	53 19.62	
			esS	56 43.62	
			iSS	57 43.62	
			i	01 34.62	
			eLQ	04 15.62	
			eP'P'	14 03.62	
KMPM	75.22	319	eP	43 57.49	-0.1
ARC	75.44	319	ePd	43 55.42	-3.2X
	1.3s	*******nm			7.6mb X
			id	44 00.42	
			iPcPd	44 11.42	
			i	44 11.66	
			ic	44 27.42	
			e	45 12.21	
			e	46 20.01	
			epPd	46 20.42	733kmX
			esPd	47 16.42	
			eS	52 46.42	
			iScS	53 16.42	
			isS	56 54.42	
			eSS	58 34.42	
			eLQ	04 27.42	
			eP'P'	13 45.42	
FAR	75.46	45	iPc	44 01.50	2.7
			pP	44 08.60	23kmX
LIS	75.52	43	iPd	44 00.00	0.9
INMG	75.56	43	iPc	44 02.00	2.6
FIG	75.60	45	iPc	44 01.00	1.4
			pP	44 10.50	30kmX
IFR	75.82	50	iP	44 03.00	1.9
			i	44 07.00	
			i	44 26.00	
NEW	75.87	328	ePc	43 59.75	-1.2
	0.8s	3110.64nm			6.9mb
Z	19s	31.44um			6.6Msz
			e	44 12.09	
MOE	75.96	44	iPd	44 04.50	3.0X
			pP	44 14.50	32kmX
			iS	53 06.50	
VGB	76.12	325	ePd	44 02.63	0.3
DPW	76.18	328	ePd	44 02.27	-0.4
SPA	76.25	180	eP	44 02.70	-0.2
	0.7s	289.06nm			5.9mb X
Z	20s	39.64um			6.7Msz
SFS	76.42	47	iP	44 06.00	1.9
			iPP	46 25.00	
			iPPP	49 15.00	
			iS	53 13.00	
			iPS	54 15.00	
			iSS	57 15.00	
			PKKP	04 35.00	
			SKKS	11 00.00	
CNIL	76.48	47	iPd	44 07.20	2.8
			iS	53 17.00	
RANB	76.55	47	iPd	44 07.70	2.9X
			iS	53 17.00	
PLAT	76.57	47	iPd	44 07.60	2.6
EVAL	76.58	45	P	44 06.03	1.1
MOMI	76.70	47	iPd	44 08.50	2.9X
OJEN	76.72	47	iPd	44 09.80	4.0X
GIBL	76.77	46	iPd	44 08.40	2.4
RUV	76.85	257	iPd	44 08.90	2.1
EJIF	76.94	47	eP	44 08.68	1.8
ALJ	76.95	47	iPd	44 08.80	1.7
VAH	77.08	257	iPd	44 10.20	2.2
TPT	77.11	258	iPd	44 10.50	2.3
PTO	77.14	42	iPd	44 08.70	0.9
			pP	44 19.80	36kmX
			iS	53 10.00	
LIJA	77.19	47	iPd	44 10.70	2.4
			iS	53 22.00	
SHW	77.34	324	ePd	44 09.04	0.0
EPRU	77.35	47	eP	44 10.53	1.4
FRB	77.35	360	ePd	44 07.00	-1.4
PMO	77.37	257	iPd	44 19.00	9.4X
LON	77.43	325	iPd	44 08.82	-0.6
MTE	77.45	43	iPd	44 11.00	1.3
			pP	44 18.50	24kmX

			iS	53 18.50	
EZAM	77.61	41	eP	44 10.89	0.5
EHOR	77.74	46	eP	44 11.52	0.4
RMW	77.85	326	ePd	44 10.35	-1.3
BMW	78.07	324	iPd	44 12.99	0.2
			eS	53 25.82	
STS	78.08	40	eP	44 13.31	0.5
	0.9s	1.48nm			3.5mb X
TVO	78.13	254	iPd	44 16.00	2.4
MVO	78.17	42	iPc	44 13.80	0.4
			pP	44 22.30	27kmX
			S	53 28.80	
ELOJ	78.19	47	eP	44 14.52	0.8
EMEL	78.22	49	eP	44 14.43	0.7
EPLA	78.25	44	eP	44 14.46	0.6
ELUQ	78.30	46	eP	44 15.10	0.9
PPN	78.34	255	iPd	44 16.90	2.2
ERON	78.38	47	eP	44 15.00	0.3
TAF	78.41	50	iPd	44 17.00	2.2
			i	44 26.00	
GMW	78.44	325	ePd	44 14.11	-0.5
			eS	53 26.32	
PAE	78.46	255	iPd	44 17.60	2.3
PPT	78.47	255	iPd	44 17.90	2.5
EGUA	78.47	47	eP	44 15.00	0.0
AFR	78.66	255	iPd	44 18.60	2.3
ECOG	78.67	47	eP	44 16.38	0.2
ERUA	78.72	41	eP	44 17.17	1.0
EBAN	78.92	46	eP	44 18.05	0.7
MCW	79.12	326	iPd	44 18.11	-0.1
			eS	53 30.08	
EMON	79.13	40	eP	44 18.79	0.5
PAB	79.17	45	ePd	44 20.12	1.4
			ed	44 30.13	
			e	44 39.73	
			ed	46 40.83	
			e	46 50.43	
			iS	53 36.00	
			isS	57 43.00	
ENIJ	79.50	48	eP	44 19.80	-0.6
EHUE	79.60	47	eP	44 20.52	-0.5
GUD	79.82	44	eP	44 22.57	0.5
	0.5s	1.07nm			3.6mb X
CER	79.93	122	iPd	44 04.00	-18.8X
WIN	79.96	111	iPd	44 23.00	-0.3
EVIA	80.03	46	eP	44 24.22	1.0
EALH	80.46	47	eP	44 25.54	0.3
POF	81.20	118	iPc	44 29.00	-0.3
ETOR	81.32	44	eP	44 30.72	1.0
SUR	81.36	121	eP	44 31.25	0.9
			ed	44 40.94	
ACU	81.45	47	eP	44 30.59	0.2
ECHE	81.52	46	eP	44 31.48	0.8
ECRI	81.82	43	eP	44 33.27	1.1
VAL	82.06	32	iP	44 33.50	0.5
			S	54 07.60	
ELIZ	82.72	42	eP	44 37.79	1.2
EROQ	83.00	45	eP	44 38.77	0.8
BOH	83.03	43	P	44 39.38	1.1
ELYF	83.07	43	P	44 39.05	0.7
EGRA	83.10	44	eP	44 41.34	2.9X
ISSF	83.14	43	P	44 39.74	0.9
SYO	83.16	160	ePc	44 36.80	-1.5
MADF	83.17	43	P	44 39.05	0.2
LHE	83.20	43	P	44 41.00	1.9
ATE	83.23	43	P	44 39.96	0.9
ABA	83.26	50	iP	44 42.00	2.6
ESCF	83.31	43	P	44 40.07	0.6
OGE	83.41	43	P	44 40.68	0.7
JAU	83.42	43	P	44 41.35	1.1
SBA	83.55	190	iPc	44 42.30	2.1
BTH	83.57	43	iPc	44 41.10	0.3
			i	44 49.00	
			i	44 53.00	
ENSF	83.79	43	P	44 42.75	0.7
EPF	83.89	43	eP	44 42.30	-0.1
	0.8s	3309.95nm			7.0mb
ECB	84.08	33	eP	44 42.00	-1.0
ECP	84.20	33	eP	44 42.60	-1.0
ESEL	84.31	47	eP	44 44.52	0.1
SALF	84.34	44	P	44 45.10	0.4
DCN	84.34	32	eP	44 44.30	0.0
YKA	84.45	340	eP	44 45.90	1.3
	0.9s	3559.60nm			7.0mb
PAND	84.49	44	P	44 45.70	0.2
LESF	84.52	43	P	44 45.61	0.2
GRBF	84.61	44	P	44 46.06	0.1

DLF	84.70	32	eP	44 45.60	-0.4
LSPF	84.90	44	P	44 47.47	0.2
LFF	84.96	41	eP	44 46.70	-0.8
VDCF	85.07	44	P	44 48.08	0.0
MFF	85.12	40	eP	44 47.20	-1.0
LPO	85.14	42	eP	44 47.60	-0.8
LPF	85.20	38	eP	44 47.30	-1.2
ETER	85.28	45	eP	44 49.16	0.1
MTHF	85.32	44	P	44 48.72	-0.6
PERF	85.37	44	P	44 48.81	-0.7
GRR	85.47	38	eP	44 49.00	-0.8
RJF	85.61	41	eP	44 49.50	-1.1
FRS	85.70	119	iPc	44 51.20	-0.2
	0.8s	226.00nm			5.9mb X
CAF	85.81	42	eP	44 50.70	-0.9
FLN	85.86	38	eP	44 50.50	-1.2
	0.7s	2991.70nm			7.1mb
GRM	85.90	123	iPc	44 52.50	0.1
LDF	86.00	38	eP	44 51.00	-1.4
LSF	86.01	41	eP	44 51.40	-1.1
BOSA	86.04	118	eP	44 52.17	-0.9
			ed	45 02.11	
			epPd	47 05.04	625kmX
			ed	47 15.55	
SWZ	86.30	117	eP	44 53.70	-0.9
	1.3s	1040.00nm			6.4mb
TCF	86.46	41	eP	44 53.30	-1.4
BLF	86.58	119	iPc	44 56.40	0.5
	1.1s	2520.00nm			6.9mb
MAF	86.66	41	eP	44 54.40	-1.2
LBL	86.70	42	P	44 55.96	0.0
PYM	86.75	41	P	44 55.79	-0.4
AGO	86.95	41	P	44 57.61	0.6
BGF	86.97	41	eP	44 55.80	-1.3
RAR	87.11	249	P	45 00.00	1.8
			S	47 12.00	
HYF	87.13	40	eP	44 56.70	-1.1
	0.6s	4897.30nm			7.4mb
PLDF	87.23	41	P	44 58.43	0.0
BCAO	87.26	85	iPd	44 57.90	-1.2
	1.0s	130.00nm			5.6mb X
AVF	87.38	41	eP	44 57.60	-1.4
ESK	87.40	31	ePd	44 57.78	-1.0
			e	45 08.67	
			epP	47 13.05	637kmX
			e	47 25.34	
AKU	87.41	18	iPd	45 00.60	1.9
	1.4s	9395.35nm			7.3mb
			i	47 31.00	
			i	54 42.00	
EKA	87.43	31	P	44 57.47	-1.5
	1.9s	2709.00nm			6.7mb
SSB	87.56	42	P	44 59.63	-0.3
SSF	87.59	40	eP	44 58.30	-1.6
BFS	87.63	117	iPc	45 00.80	0.0
	1.0s	840.00nm			6.4mb
SMF	87.64	41	eP	44 58.90	-1.3
CDR	87.78	44	ePd	45 00.40	-0.5
			i	45 01.00	
LBF	87.85	41	eP	44 59.60	-1.6
LOR	87.89	40	eP	44 59.80	-1.5
	0.5s	1198.90nm			6.9mb
KSR	87.98	116	iPc	45 00.20	-2.3
	1.5s	220.00nm			5.7mb X
SEK	88.00	119	iPc	45 02.30	-0.2
	0.8s	760.00nm			6.5mb
LRG	88.10	44	eP	45 01.90	-0.4
	1.0s	4480.30nm			7.2mb
LMR	88.16	45	eP	45 01.90	-0.7
MENF	88.18	37	P	45 02.66	0.2
PRY	88.22	117	iPc	45 03.50	0.0
	1.2s	1500.00nm			6.7mb
FRF	88.34	44	eP	45 02.80	-0.6
CHDN	88.37	44	ePd	45 03.14	-0.5
CALN	88.57	44	P	45 04.67	0.0
FOUF	88.77	44	e(P)c	45 05.52	0.2
			i	45 07.52	
			e	45 16.67	
			e	46 17.12	
CGL	88.79	49	P	44 56.52	-9.2X
	1.2s	910.30nm			6.5mb
ISO	88.83	44	e(P)c	45 05.60	-0.2
REVF	88.89	44	P	45 06.39	0.4
TOUF	88.90	44	P	45 06.61	0.3
RRL	88.91	43	P	45 06.35	0.0
AURF	88.91	44	P	45 06.76	0.6
PZZ	88.98	44	P	45 06.67	0.1

SBF	88.98	44 eP	45 05.80	-0.7
DOMF	89.01	38 P	45 06.54	0.2
AUTN	89.02	44 P	45 07.11	0.3
STV	89.03	44 P	45 06.53	-0.2
DOI	89.07	44 P	45 06.67	-0.2
	1.7s	*******nm		7.4mb X
RSL	89.08	42 P	45 06.76	-0.2
LPL	89.09	43 eP	45 06.90	-0.2
LPG	89.09	43 eP	45 06.65	-0.6
	1.6s	6328.00nm		7.2mb
ENR	89.09	44 P	45 06.72	-0.3
SAOF	89.10	44 P	45 06.83	-0.2
BHB	89.20	43 P	45 07.04	-0.4
SLR	89.22	116 iPd	45 06.60	-1.5
	1.0s	5.36nm		4.4mb X
Z	18s	130.00um		7.4Msz
RSP	89.30	43 P	45 08.09	0.1
LSD	89.34	43 P	45 08.68	0.3
SNF	89.41	37 iPd	45 08.55	0.4
EMS	89.41	42 iPc	45 08.60	0.0
ROB	89.42	44 P	45 07.86	-0.6
DOU	89.43	38 P	45 07.80	-0.5
UCC	89.56	37 P-	45 09.00	0.2
PGF	89.61	46 eP	45 08.70	-0.8
FIN	89.62	44 P	45 08.36	-1.0
DIX	89.73	42 iPd	45 10.70	0.6
HAU	89.73	40 eP	45 08.60	-1.2
	1.0s	1676.90nm		6.9mb
CKI	89.74	44 P	45 09.36	-0.5
LOMF	89.80	41 P	45 09.62	-0.6
SIT	89.90	330 eP	45 10.28	0.0
	1.3s	1038.56nm		6.6mb
Z	20s	39.26um		6.8Msz
		e	45 22.25	
		e	47 40.55	
BSF	89.94	40 eP	45 09.40	-1.5
ORO	89.95	43 P	45 09.97	-1.0
	2.2s	*******nm		7.4mb X
PCP	89.96	44 P	45 10.97	0.0
RES	89.99	353 eP	45 10.50	0.1
PTS	90.02	52 P	45 12.64	1.3
MMK	90.08	42 iPd	45 11.90	0.2
NWL	90.14	118 iPc	45 12.90	0.5
	1.5s	1280.00nm		6.6mb
MOF	90.17	41 P	45 12.07	0.2
WLF	90.21	39 iPc	45 11.69	-0.1
BBS	90.27	41 P	45 11.72	-0.6
ECH	90.31	40 P	45 13.07	0.6
CHAF	90.41	41 P	45 13.76	1.0
CDF	90.45	40 eP	45 11.90	-1.3
MEM	90.46	38 iPc	45 12.49	-0.5
MEM	90.46	38 iPc	45 24.91	11.9X
		ipP	47 49.92	690kmX
		P'P'	10 51.30	
ENN	90.47	38 iPd	45 12.90	-0.1
	1.0s	800.00nm		6.6mb
		epP	47 40.00	702kmX
		e	49 00.00	
		ePKKP	03 49.00	
		eP'P'	10 39.50	
		e	13 18.00	
WLS	90.50	40 P	45 13.07	-0.3
DBN	90.53	36 iP-	45 14.00	0.8
		epP	47 44.00	720kmX
		ePP	49 00.00	
		eS	54 50.00	
LIBD	90.57	40 P	45 13.93	0.4
KLL	90.66	38 ePd	45 13.80	-0.1
	2.5s	713.00nm		6.2mb
TMA	90.69	43 iPd	45 13.60	-0.9
BORS	90.73	45 P	45 13.44	-1.0
FEL	90.73	41 P	45 14.15	-0.4
BFT	90.77	117 iPd	45 23.00	7.6X
STR	90.81	40 P	45 14.71	0.0
ZLA	90.84	41 ePd	45 15.80	0.9
CVT	90.88	51 P	45 17.05	1.8
LANF	90.98	40 P	45 15.45	0.0
SRBF	90.98	40 P	45 15.67	0.2
SLE	91.00	41 iPc	45 15.30	-0.3
PII	91.04	45 P	45 15.18	-0.7
HOFF	91.06	40 P	45 15.60	-0.2
SARO	91.10	45 P	45 15.38	-0.9
BDI	91.20	45 P	45 15.39	-1.3
VDL	91.21	42 ePc	45 18.20	1.3
MAW	91.25	163 eP	45 17.00	0.5
Z	17s	380.00um		7.9MszX
BNS	91.28	38 ePd	45 16.60	-0.2
	2.1s	4770.00nm		7.1mb
		e	45 26.80	
		e-	47 46.00	
		i-	05 59.00	
KOE	91.43	38 ePd	45 18.40	1.0
	2.1s	618.00nm		6.2mb
WTS	91.43	37 ePd	45 17.50	0.1
	1.0s	1025.60nm		6.8mb
		eP'P'	10 40.00	
		e	13 16.00	
FAI	91.44	52 P	45 19.78	1.9
	1.4s	6744.00nm		7.4mb
USI	91.47	51 P	45 18.05	0.1
	1.9s	9515.50nm		7.5mb
SAL	91.63	43 P	45 18.52	0.0
WIT	91.64	36 ePd	45 19.00	0.7
		epP	47 49.00	719kmX
		e	49 05.00	
		eP'P'	10 45.00	
		e	13 26.00	
OSS	91.71	42 iPd	45 18.50	-0.6
GIB	91.91	51 P	45 19.95	-0.2
PGD	91.92	45 P	45 18.87	-1.2
RDP	92.00	48 P	45 20.68	0.3
CRE	92.00	46 P	45 18.63	-1.8
RMP	92.00	47 P	45 20.21	-0.1
SFI	92.02	45 P	45 19.59	-0.7
	1.1s	2955.00nm		7.2mb
MNS	92.15	47 P	45 20.48	-0.6
ASS	92.34	46 P	45 15.13	-6.8X
	1.5s	4317.90nm		7.3mb
MEU	92.36	52 P	45 23.29	1.1
MNO	92.40	52 eP	45 24.27	1.7
RSM	92.44	45 P	45 20.03	-2.2
CTI	92.51	43 P	45 22.03	-0.7
MOTA	92.54	42 iPd	45 22.30	-0.6
		i	45 34.60	
SQTA	92.57	42 iPd	45 22.30	-0.7
	1.1s	4473.00nm		7.4mb
		i	45 23.60	
		i	45 34.90	
		i	47 32.90	
HPO	92.59	289 eP	45 24.39	1.0
ARV	92.65	46 eP	45 21.85	-1.5
AQU	92.66	47 P	45 23.35	-0.1
RFI	92.78	48 P	45 24.38	0.5
WATA	92.85	42 iPd	45 23.90	-0.4
		i	45 36.00	
WTTA	92.86	42 iPd	45 23.90	-0.5
	0.8s	3219.00nm		7.5mb
		i	45 25.60	
		i	45 36.30	
		i	47 42.20	
FUR	92.90	41 eP	45 24.00	-0.4
	2.3s	5987.00nm		7.3mb
		i	45 35.20	
VVI	93.01	43 P	45 18.20	-6.7X
	1.9s	6919.00nm		7.4mb
YKU	93.05	331 eP	45 23.50	-1.2
	1.3s	1819.40nm		7.0mb
ATN	93.05	52 P	45 24.61	-0.6
	0.9s	504.10nm		6.6mb
MSI	93.13	52 P	45 25.15	-0.4
	0.7s	872.80nm		7.0mb
KKH	93.15	289 eP	45 26.74	0.7
		e	45 38.32	
		e	47 56.02	
MHA	93.17	290 eP	45 26.34	0.3
		e	45 39.06	
		e	47 56.87	
KMY	93.22	29 eP	45 25.30	-0.2
	0.9s	2176.70nm		7.3mb
		i	45 42.69	
DUI	93.23	48 P	45 26.06	0.0
GRF	93.32	40 iP	45 26.00	-0.3
	2.4s	*******nm		7.7mb X
Z	49s	79.30um		6.8MszX
		epP	47 54.90	712kmX
		esP	49 02.20	
		eSKS	55 11.10	
GMB	93.35	52 P	45 25.90	-0.9
FVI	93.42	43 P	45 26.09	-0.6
SOI	93.48	52 P	45 26.77	-0.4
JNW	93.53	16 eP	45 29.00	2.2
		e	48 01.00	
SGO	93.55	49 P	45 20.37	-7.1X
EGD	93.60	28 eP	45 27.96	0.8
	0.5s	1185.40nm		7.3mb
		e	45 51.07	
		e	02 30.91	
		i	02 40.92	
		i	10 50.76	
HKL	93.61	290 eP	45 28.40	-0.2
		e	47 57.69	
MGR	93.63	50 P	45 26.95	-0.9
ASK	93.66	28 eP	45 28.13	0.7
	0.7s	1550.30nm		7.3mb
		e	45 45.47	
		i	10 45.46	
SUE	93.68	28 eP	45 32.63	5.1X
	0.5s	2045.50nm		7.5mb
		e	45 50.27	
BER	93.69	28 iPd	45 26.90	-0.7
		e	10 43.47	
FG2	93.78	48 P	45 25.01	-3.5X
	1.5s	4134.10nm		7.4mb
BHG	93.80	42 eP	45 28.40	-0.1
TRI	93.83	44 eP	45 28.00	-0.6
		i	45 40.00	
		epP	47 44.00	633kmX
		iPP	49 32.00	
		iPPP	51 50.40	
		eSKS	55 07.70	
		e	58 44.20	
MOX	93.85	39 iPd-	45 28.70	0.1
	2.2s	1443.00nm		6.7mb
Z	21s	52.00um		7.0Msz
		ipP	47 52.00	677kmX
		esP	48 55.00	
		iPP	49 36.00	
		iSKS	55 16.00	
		iSP	57 26.00	
		iSS	02 52.00	
FG4	93.86	49 P	45 27.67	-1.2
	3.2s	8349.00nm		7.3mb X
BLS5	93.87	30 eP	45 29.30	0.8
	1.2s	1664.40nm		7.1mb
		i	45 47.75	
		e	02 30.47	
HOF	93.91	39 eP	45 29.00	0.1
	2.0s	283.00nm		6.1mb
KBA	93.93	43 iPd	45 28.60	-0.7
	1.3s	3185.00nm		7.3mb
		i	45 29.50	
		i	45 40.50	
		i	45 42.80	
		i	47 02.50	
		i	47 24.50	
		i	47 51.30	
		i	48 09.60	
		i	49 34.70	
		i	55 08.60	
		i	55 18.30	
		i	57 04.80	
GRI	93.94	51 P	45 28.19	-1.1
	1.4s	2609.20nm		7.2mb
VOY	94.01	44 ePd	45 29.30	-0.3
TDS	94.09	50 P	45 29.17	-0.8
	1.9s	3704.70nm		7.2mb
ODD1	94.12	29 eP	45 30.42	0.7
	0.8s	2073.20nm		7.4mb
		i	45 48.03	
RIY	94.16	44 iPd	45 29.60	-0.5
WET	94.20	40 iPd	45 29.80	-0.5
INK	94.22	340 eP	45 29.00	-0.9
MUD	94.24	33 iPc	45 31.00	0.9
		epP	48 00.00	712kmX
		i	49 41.00	
ORI	94.27	50 P	45 30.78	0.0
FG3	94.31	48 P	45 30.37	-0.6
HYA	94.36	28 eP	45 31.74	1.1
	1.6s	2426.30nm		7.1mb
		i	45 44.63	
LJU	94.44	44 eP	45 30.50	-0.9
LJU	94.44	44 eP	45 31.30	-0.1X
		e	45 31.50	
		e	45 41.30	
		i	45 42.00	
		e	45 46.40	
		ePP	47 40.50	
		e	47 59.00	
		ePP	49 33.50	
		e-	49 39.70	
		eSKS	55 14.00	

09d 00h

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              eSKS  55 15.30
              e     56 05.80
KHC    94.64  41 P     45 31.50  -0.7
       1.0s   642.00nm          6.8mb
    Z  15s    27.50um           6.8MszX
    N  15s    26.00um
    E  16s    24.50um
              e     45 40.50
              e     47 55.00
              e     49 28.00
              e     49 50.00
GEC2   94.64  41 Pd    45 31.30  -1.0
       0.8s   579.45nm          6.8mb
              e     45 38.20
              e     45 43.00
              e     45 47.70
              e     45 53.20
              e     48 02.20
              e     48 18.70
              e     48 25.80
              e     49 35.00
              e     49 41.90
              PKKP  02 18.10
              e     02 29.80
              e     02 33.10
              e     02 37.60
              e     02 40.20
              e     02 43.40
              e     02 57.50
              e     10 30.00
              e     10 36.90
              e     10 39.10
              e     10 42.40
              e     10 46.20
VBY    94.79  44 eP    45 30.50  -2.4
              e     45 31.40
              i     45 32.40
BALM   94.80 332 eP    45 32.18  -0.6
DAG    94.81  10 iPd-  45 31.90  -0.5
CLL    94.88  38 iPd   45 33.00  -0.2
       2.2s  1600.00nm          6.9mb
              ipP   48 04.00 724kmX
CLL    94.88  38 iPd   45 42.00   8.8X
              ipP   48 18.00 755kmX
              iSKS  55 13.00
              iS    56 03.00
              iP'P' 10 34.20
              i     13 26.00
MBC    94.99 349 eP    45 33.00  -0.3
BRT    95.03  49 P     45 33.47  -0.7
       1.7s  *******nm          7.8mb X
DHH    95.15 291 eP    45 35.28   0.3
              e     45 47.60
              e     48 02.32
BRN    95.30  37 ePd   45 36.00   1.0
BRG    95.33  39 iPd   45 35.50   0.2
       1.5s   470.00nm          6.5mb
BRG    95.33  39 iP    45 48.00  12.7X
       1.6s  3100.00nm
              ipP   48 08.00 656kmX
              iSKS  55 26.00
              esS   00 36.00
              eP'P' 10 43.00
HON    95.34 291 P-    45 39.91   4.1X
    Z  20s    27.57um           6.7Msz
PTJ    95.36  44 iPd   45 35.50  -0.1
KIP    95.37 291 eP    45 35.17  -0.8
       1.1s   809.83nm          6.9mb
ZAG    95.37  44 iPd   45 35.50   0.0
BRNL   95.39  37 ePd   45 35.80   0.4
              epP   48 05.00 712kmX
              eS    55 20.80
OPA    95.43 291 eP    45 36.19  -0.1
              e     45 48.43
KONO   95.46  30 eP    45 34.37  -1.2
              i     45 46.60
              epP   47 43.26 590kmX
              e     48 05.11
              i     49 45.97
              e     55 17.60
              i     58 27.61
              e     58 55.76
              eSS   02 45.97
LCI    95.46  50 P     45 37.25   1.2
PRU    95.47  40 eP    45 36.80   0.9
       2.2s  7100.00nm          7.5mb
    Z  19s    36.90um           6.9Msz
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    N  14s    18.40um
    E  15s    32.30um
              i     45 48.20
              e     48 05.80
              ePP   49 47.70
              eSKS  55 20.50
              e     13 04.70
              e     14 47.30
              e     16 43.20
COP    95.75  34 iPd-  45 38.60   1.6
              i     45 48.00
              ipP   48 08.00 713kmX
              i     49 46.00
              iS    55 25.00
VKA    96.17  42 eP    45 38.00  -1.1
       4.5s  *******nm          7.7mb X
              i     45 49.40
              i     48 11.00
              i     49 52.00
HCY    96.33  48 iPc   45 40.51   0.5
NBO    96.43  29 eP    45 42.01   2.0
BRY    96.47  48 iPc   45 40.56  -0.2
BDV    96.54  48 iPc   45 41.86   1.0
KLU    96.58 332 eP    45 39.30  -1.5
              e     48 02.30
NB2    96.64  29 P     45 40.20  -0.8
       1.4s   930.60nm          6.8mb
DPC    96.73  40 ePd   45 42.62   1.0
       1.6s  4654.04nm          7.5mb
              e     45 45.97
              ed    45 52.63
              e     46 02.85
              epPd  47 58.32 630kmX
              ed    48 12.95
              e     48 25.71
ULC    96.77  49 iPc   45 43.50   1.5
NKY    96.77  48 iPc   45 42.70   0.6
TOA    96.87 332 eP    45 42.30   0.2
TTG    96.88  48 iPd   45 43.70   1.3
BSD    96.97  35 iPd   45 43.50   1.0
              i     45 54.00
              i     49 57.00
IGT    97.06  51 eP    45 44.08   0.7
PLE    97.17  47 iPc   45 44.68   0.8
DRV    97.18 191 iP    45 48.00   4.5X
              iPP   48 00.00
              iPP   50 06.00
              iS    55 09.00
              iSS   58 06.00
              iSSS  02 00.00
SRO    97.38  43 iPd   45 43.30  -1.3
PVY    97.43  48 iPc   45 46.86   1.7
IVA    97.43  48 iPc   45 46.56   1.4
HFS    97.57  30 eP    45 44.70  -0.5
       0.7s    99.20nm          6.3mb
    Z  17s    38.13um           7.0MszX
              LR    19 27.00
OKC    97.70  41 ePd   45 45.60  -0.4
              i     45 56.00
              e     48 16.00
              (S)   55 30.00
NSS    97.93  25 eP    45 47.25   0.5
              e     02 07.26
              e     10 28.64
PMR    98.09 331 ePd-  45 46.86  -0.6
       1.1s   468.75nm          6.7mb
    Z  20s    60.50um           7.1Msz
              e     45 58.01
FNA    98.10  50 eP    45 48.97   0.8
BEO    98.22  46 iP    45 48.60   0.1
COL    98.32 335 ePd   45 48.40  -0.1
       1.1s  2420.72nm          7.5mb
              e     45 52.54
              ed    45 59.91
              e     46 12.99
              epPd  48 04.49 634kmX
              ed    48 20.55
              e     48 32.71
FBA    98.32 335 eP    45 47.30  -1.2
              e     45 48.47
SLKM   98.35 330 ePd   45 47.29  -1.5
AGG    98.48  52 eP    45 50.76   0.9
LIT    98.80  51 eP    45 50.56  -0.7
GRG    98.90  50 eP    45 52.20   0.6
KDC    98.90 327 eP    45 49.81  -1.3
       2.0s  1339.82nm          7.0mb
              e     46 02.19
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              ePP   50 01.68
SPC    98.91  42 iPd   45 53.80   2.1
TIM    98.92  45 eP    45 55.00   3.4X
MOR8   99.34  24 eP    45 53.81   0.8
              i     02 24.10
CRP    99.44 331 (P)   45 53.02  -0.7
UPP    99.44  31 iP    45 53.20  -0.3
              i     46 05.00
              ipP   48 25.20 730kmX
              iPP   50 19.00
              iSKS  55 31.40
LOF    99.44  22 eP    45 54.32   0.9
              e     02 16.49
              e     10 25.78
CP2    99.48 331 eP    45 52.59  -1.4
KKB    99.56  49 iPd   45 55.00   0.5
SOH    99.58  50 eP    45 55.76   1.1
PAIG   99.67  51 iP    45 55.88   0.8
AUP    99.69 329 eP    45 54.32  -0.5
SRS    99.81  50 iP    45 58.56   2.9X
OUR    99.97  51 eP    45 56.73   0.4X
MMB    99.99  50 iPd   45 57.00   0.5
CSY   100.09 179 ePdiff46 00.50   4.2X
       1.4s   251.40nm          6.5mb
CEI   100.10  43 ePdiff46 09.00  12.2X
DEV   100.11  45 iPdiff45 59.00   2.1X
UZH   100.15  42 iPdiff45 58.00   1.0
              iSKS  55 43.00
WAHZ  100.27 225 ePdiff46 03.50   5.6X
              e     48 41.90
MNG   100.44 224 ePdiff46 05.70   7.2X
              e     46 18.00
SNZO  100.62 223 (Pdiff45 58.18  -1.1
       1.0s   687.94nm          7.1mb
SNZO  100.62 223 Pdiff 46 05.00   5.7X
              e     46 16.00
              e     46 40.00
              pP    48 36.00
              PP    50 29.00
              pPP   51 55.00
              SKS   55 39.00
              e     56 05.00
              PKKP  02 18.00
              P'P'  10 26.00
              e     10 38.00
              e     16 20.00
RZN   100.74  50 iPdiff46 00.00  -0.1
PLD   100.79  49 ePdiff46 01.00   0.9
KHZ   100.83 221 ePdiff46 06.10   5.9X
              e     46 17.10
IMA   100.97 336 ePdiff45 59.46  -1.0
       1.6s   787.00nm          6.9mb
              epP   48 17.32
              ePP   50 25.15
COZ   101.02  46 ePdiff46 01.50   0.3
SVW   101.06 330 ePdiff45 59.78  -1.1
       1.0s   831.63nm          7.2mb
KDZ   101.25  50 iPdiff46 02.00  -0.1
DIM   101.39  49 ePdiff46 03.00   0.3
LVV   101.45  41 iPdiff46 02.00  -0.8
    Z  18s    52.50um           7.1Msz
    N  20s    30.00um
    E  17s    24.00um
              i     50 29.00
              i     55 42.00
              iSS   04 02.00
LTZ   101.46 220 ePdiff46 05.20   2.1X
              e     46 11.60
              e     46 21.00
              e     48 25.00
              e     55 42.10
KBS   101.47  11 ePdiff46 02.80   0.5
              e     50 39.00
              e     55 48.00
CMP   101.50  46 ePdiff46 04.00   0.8
TTA   101.50 332 ePdiff46 01.17  -1.7
       0.8s   107.81nm          6.4mb
              e     46 11.39
MTUR  101.51  46 ePdiff46 08.00   4.7X
THZ   101.57 222 ePdiff46 07.70   4.1X
              e     46 19.50
              e     48 40.70
              e     50 39.90
              e     55 41.30
ALN   101.61  51 iPdiff46 04.32   0.6
TRO   101.64  21 ePdiff46 04.77   1.6
EZN   101.67  52 iPdiff46 03.80  -0.2
```

MOZ	101.90	225	ePdiff46 07.30	2.2X
CMCZ	102.01	217	ePdiff46 12.20	6.7X
			e 46 22.20	
LRCZ	102.02	217	ePdiff46 12.70	7.0X
BUC1	102.07	47	ePdiff46 06.00	0.3
MLR	102.16	46	ePdiff46 06.50	0.3
MMCZ	102.18	217	ePdiff46 13.00	6.7X
			e 46 21.90	
IZM	102.19	53	ePdiff46 11.00	4.6X
JMB	102.22	49	iPdiff46 07.00	0.6
BJO	102.36	16	ePdiff46 07.86	1.6
			e 01 56.51	
ISR	102.54	46	ePdiff46 14.00	6.2X
PTT	102.64	44	iPdiff46 10.00	1.8
BRW	102.74	341	ePdiff46 07.14	-0.9
VRI	102.75	46	ePdiff46 07.50	-1.2
EDC	102.91	51	ePdiff46 10.00	0.5
SDN	102.92	324	ePdiff46 08.40	-0.7
	0.8s	484.40nm		7.1mb
	Z 20s	19.84um		6.6Msz
BNT	102.95	51	ePdiff46 10.90	1.2
NUR	103.01	30	ePdiff46 10.00	0.6
			e 46 20.00	
			e 56 54.00	
DMK	103.01	50	ePdiff46 10.50	0.6
PPE	103.40	45	ePdiff46 23.00	11.4X
WCZ	103.44	227	ePdiff46 20.70	8.7X
IAS	103.47	44	ePdiff46 21.00	9.2X
PSN	103.53	48	iPdiff46 12.00	-0.2
NAI	103.62	95	ePdiff46 14.00	0.4
CFR	103.67	46	ePdiff46 11.00	-1.7
KAF	103.92	29	ePdiff46 13.50	0.1
MNK	104.06	37	ePdiff46 15.00	0.8
			e 55 48.00	
ELL	104.06	55	ePdiff46 17.00	2.1X
SDF	104.19	23	iPdiff46 15.20	0.7
HLW	104.37	62	ePdiff46 19.00	2.8X
KEV	104.46	21	ePdiff46 16.77	1.1
	1.8s	1252.17nm		7.3mb
			ed 46 26.04	
			e 46 36.47	
			ed 48 45.41	
BCK	104.68	55	iPdiff46 17.40	-0.2
ANM	105.75	334	ePdiff46 21.05	-0.5
PUL	105.80	31	ePdiff46 23.00	1.2
			eSKS 56 00.00	
PPCY	105.82	57	ePdiff46 30.00	7.5X
CSS	106.63	57	ePdiff46 31.00	4.8X
FAM	107.18	57	ePdiff46 31.50	2.9X
LVZ	107.32	23	ePdiff46 28.80	0.3
			(PS) 59 29.00	
MRSJ	107.79	63	PKP+ 50 23.66	-11.7X
AAE	107.86	85	ePdiff46 35.00	2.5X
SIM	107.87	47	ePdiff46 31.00	-0.4
NAQJ	107.98	63	PKP+ 50 47.00	11.2X
MKRJ	108.24	61	PKP+ 50 40.41	4.3X
BNN	108.94	53	iPdiff46 48.10	11.6X
OBN	109.33	36	ePdiff46 38.00	0.4
	1.6s	280.00nm		
			(SS) 06 02.00	
OBN	109.33	36	ePKP 50 33.52	-3.8X
QTFJ	109.83	61	PKP+ 50 37.36	-1.7
MOS	109.87	35	ePdiff46 42.00	2.0
	5.0s	6100.00nm		
			e 51 24.00	
			ePPP 53 55.00	
			ePS 00 58.00	
			eSSS 10 16.00	
GAZ	109.92	55	ePdiff46 42.70	2.0
ANN	110.13	47	ePdiff46 41.00	-0.4
			ePPP 51 30.00	
			iS 56 26.00	
ILT	110.65	338	iPdiff46 43.20	0.0
			iSKS 56 32.00	
RUWJ	110.65	60	PKP+ 50 34.36	-6.3X
SOC	111.89	48	ePdiff46 50.00	0.7
	3.5s	1760.00nm		
ADK	112.57	321	ePdiff46 51.87	-0.2
KIV	114.02	48	ePKP 50 44.91	-1.9
KIV	114.02	48	iPdiff47 00.00	1.1
	2.5s	126.00nm		
PYA	114.28	48	ePdiff47 03.00	3.0X
			e 52 02.00	
			iPS 00 38.00	
NOUC	116.26	237	iPKPc 50 55.60	4.0X
BKM	116.67	242	iPKP 51 02.50	10.0X
TAB	117.15	54	iPdiff47 24.00	11.0X
			i 51 03.00	
			i 52 00.00	
			i 52 11.00	
			i 52 22.00	
MAK	117.55	49	ePKP 51 00.00	6.6X
	1.5s	1000.00nm		
SMY	117.98	323	ePKP 50 52.80	-1.1
RIV	119.95	217	iPdiff47 40.00	14.7X
			epPd 49 58.00	
RIV	119.95	217	ePKP 51 00.20	2.0
			i 51 10.70	
			iPP 52 36.50	
			eSKP 53 37.00	
			i 53 59.00	
			iPPP 55 14.90	
			iSKS 57 09.00	
			iSKKS 58 33.00	
			iPKKP 01 22.00	
			i 01 39.00	
			iPKKS 05 03.00	
			iSS 08 16.00	
CAN	120.08	214	e(Pdif47 39.30	13.3X
CAN	120.08	214	ePKP 51 02.90	4.3X
			i 51 11.80	
			iPP 52 46.90	
			iPKKP 01 21.30	
TOO	120.18	210	ePKP 50 59.20	0.6
			i 51 09.60	
			ePP 52 40.00	
			eSKP 53 38.00	
			ePKKP 01 15.50	
			eSKKP 03 58.00	
BWA	121.07	215	e(Pdif47 40.40	10.0X
BWA	121.07	215	ePKP 51 04.10	3.6X
			i 51 11.50	
			iPP 52 40.20	
			iPKKP 01 19.30	
ARU	121.08	32	ePKP 50 59.31	-0.4
			e 52 47.26	
TEH	121.37	57	ePKP 51 02.00	0.9
SVE	121.93	31	ePdiff47 36.00	2.5X
			e 52 54.00	
ARMA	122.05	220	ePdiff47 53.00	18.1X
			e 49 15.20	
ARMA	122.05	220	iPKP 51 04.00	1.5
			i 51 07.20	
			i 51 14.00	
			e 53 57.50	
			ePKKP 01 15.00	
			eSKKP 04 01.50	
KAT	124.73	52	ePdiff47 58.00	11.6X
KAT	124.73	52	iPKPd 51 08.00	0.7
			i 53 07.50	
PET	126.55	327	ePdiff47 56.00	1.9X
	0.8s	1300.00nm		
			e 51 11.00	
			e 53 15.00	
			e 57 18.00	
ASH	126.57	53	ePdiff47 58.00	3.3X
	2.0s	2305.00nm		
			i 51 11.00	
			i 53 17.00	
			iPPP 56 16.00	
STKA	126.64	211	ePdiff48 12.20	17.0X
			i 51 22.80	
			i 04 06.30	
SKR	129.10	326	iPKPd 51 14.00	-1.3
	0.8s	1090.00nm		
YAK	130.32	349	ePdiff48 23.00	12.4X
RKG	131.66	185	ePKP 51 08.50	-12.2X
			i 51 20.00	
			i 53 46.00	
CTAO	132.64	225	ePKP 51 22.73	-0.2
			e 53 49.89	
NWAO	133.27	186	ePKP 51 24.59	0.8
WOOL	134.44	191	iPKP 51 37.80	11.7X
			iPP 53 58.40	
			iPKKP 00 20.20	
			iSKKP 03 07.10	
ASPA	137.22	210	iPKP 51 21.30	-10.3X
			iSKP 54 09.20	
			ePP 54 21.20	
			iPKS 55 16.20	
			eSKS 57 52.00	
			eSKKS 00 15.90	
			eSKKP 03 10.40	
			e 06 37.00	
			e 09 20.50	
AAA	137.73	39	iPKP 51 12.00	-20.0X
YSS	138.36	329	ePKP- 51 18.00	-14.9X
			eSKS 57 50.00	
PMG	138.53	238	ePKP 51 26.00	-8.1X
KVG	138.61	250	e(PKP)51 25.90	-8.4X
MEEK	139.32	188	iPKPd 51 27.40	-7.9X
LAT	140.11	241	e(PKP)51 30.30	-6.7X
IRK	141.11	8	ePKP 51 24.00	-13.7X
			e 51 36.00	
			e 58 04.00	
YYYY	141.20	241	ePKP 51 34.30	-4.9X
SAP	141.73	325	ePKP 51 32.00	-7.0X
			eSKS 57 18.00	
MDG	141.87	242	e(PKP)51 36.40	-3.7X
CIT	141.93	359	ePdiff49 08.00	5.5X
CIT	141.93	359	ePKP 51 34.00	-5.2X
POO	142.69	78	ePKP 51 42.00	0.6
ZAK	142.80	10	iPKPd 51 38.00	-2.6X
			e 58 24.00	
			e 12 50.00	
NANU	143.70	185	ePKP 51 41.00	-2.0
NDI	144.16	60	ePKP 51 43.00	-0.6
			ePP 54 13.00	
GBA	146.01	86	PKPd 51 46.20	-0.8
	0.5s	999.90nm		
HYB	147.19	79	ePdiff49 40.00	13.2X
HYB	147.19	79	ePKP 51 48.00	-0.9
			ePP 54 25.00	
			eSKKS 01 54.00	
YOMI	147.67	242	PKP 51 48.59	-1.2
MAJO	147.72	319	ePKPd 51 49.59	0.4
			e 51 53.31	
			ed 52 04.65	
			e 52 17.89	
MAT	147.72	319	ePKP 51 50.00	0.8
MENI	147.86	242	ePKP 51 49.40	-0.7
GUA	148.47	273	PKP 51 47.50	-3.4X
GUMO	148.51	273	ePKPd 51 50.60	-0.3
			e 51 55.07	
			ed 52 00.62	
			e 52 06.74	
PJG	148.51	273	PKP 51 47.90	-3.1X
PYUN	149.16	58	PKP 51 51.86	-0.1
DANN	149.69	57	PKP 51 53.16	0.3
KOLN	149.78	58	PKP 51 53.24	0.4
GKN	150.54	57	PKP 51 53.64	-0.3
DMN	151.08	57	PKP 51 54.84	0.0
KKN	151.15	57	PKP 51 54.78	-0.1
PKI	151.34	57	PKP 51 55.24	-0.1
GUN	151.59	56	PKP 51 55.58	-0.1
JIRN	151.94	57	PKP 51 55.86	-0.4
SHK	152.45	322	ePKP 51 57.10	0.8
RAMN	152.56	58	PKP 51 56.92	-0.1
ODAN	153.24	57	PKP 51 57.78	-0.1
TAPN	153.29	56	PKP 51 57.94	-0.1
BJI	153.70	354	PKP 51 59.00	1.3
			epPKP 54 07.00	
			esPKP 54 56.00	
			ePP 56 00.00	
			eSKKS 01 52.00	
			eSS 14 48.00	
LZH	156.54	18	PKPd 52 03.00	1.1
RATI	157.38	188	ePKPc 52 05.09	1.7
SRDI	157.76	184	ePKPc 52 06.19	2.4X
KEDI	157.99	190	ePKPc 52 04.59	0.5
KALI	158.41	164	iPKPd 52 04.40	-0.2
PASI	158.50	161	iPKPd 52 03.40	-1.2
SINI	158.71	166	ePKP 52 03.79	-1.2
PULI	158.94	162	iPKPd 52 03.50	-1.8
PACI	158.97	165	iPKPd 52 04.00	-1.2
PENI	159.41	159	iPKPd 52 05.40	-0.2
SSE	161.04	336	PKPd 52 06.00	-0.7
SIMI	162.66	129	ePKPd 52 09.00	-0.1
KLM	164.91	134	ePKP 52 12.50	1.6
			e 53 18.50	
KGM	165.18	142	ePKPd 52 12.00	0.9
	1.8s	1686.40nm		
			e 53 10.00	
			e 55 22.50	
			e 57 04.50	
BIP	165.35	249	iPKPc 52 11.00	-0.3
DAV	165.46	244	ePKPd 52 12.00	0.7
	1.8s	2254.54nm		
			e 53 28.00	
IPM	165.46	128	ePKPc 52 12.50	1.1
	1.9s	2377.30nm		

09d 00h

e 53 11.10
e 54 18.50
e 56 42.50
KMI 165.53 38 PKP 52 10.00 -1.4
E 26s 75.80um
pPKP 52 22.00
PKPab 53 22.00
PKS 55 43.00
i 56 46.00
PP 57 13.00
SKKS 59 07.00
i 03 01.00
TATO 166.03 324 ePKPd 52 11.97 0.5
e 52 17.52
ed 52 22.98
e 52 32.83
CHTO 166.13 67 iPKPd 52 11.70 0.0
1.2s 208.33nm
BDT 166.61 74 ePKP 52 12.00 -0.1
1.2s 1063.60nm
CTB 166.70 241 ePKPc 52 14.50 2.2X
CGP 166.85 247 ePKPc 52 24.00 11.6X
PLP 167.48 259 ePKPd 52 13.00 0.2
MAP 168.19 254 ePKPd 52 14.00 0.7
BBP 168.79 307 ePKPd 52 11.00 -2.5X
LOE 169.09 70 ePKP 52 14.00 0.3
TSM 169.11 210 ePKPc 52 15.00 1.1
2.0s 3966.70nm
CVP 170.19 294 ePKPc 52 16.00 1.7
GQP 170.29 272 ePKPc 52 15.50 1.1
PIP 170.97 301 ePKPc 52 16.50 1.8
KKM 171.41 206 ePKPd 52 16.00 0.8
1.5s 1609.20nm
e 53 52.50
HKC 171.42 349 iPKP 52 17.20 2.4X
QCP 171.59 276 ePKPc+52 15.50 0.5
PGP 171.73 269 ePKPc 52 06.00 -9.1X
BAG 171.74 289 iPKP- 52 12.10 -3.2X
2.0s 2800.00nm
S.D. = 1.1 on 676 of 792 obs.

? JUN 09, 1994 01h 15m 17.88± 1.55s
14.365 S ±29.0km 68.439 W ±36.0km
DEPTH = 650.0km (geophysicist)
6.1mb (50 obs.)
PERU-BOLIVIA BORDER REGION (118)

PAB 80.15 45 ePd 26 29.50 5.6X
FRS 86.19 120 eP 27 01.40 7.5X
1.2s 70.00nm 5.3mb
BOSA 86.55 118 eP 26 55.00 -0.6
BLF 87.08 119 iPd 27 02.20 3.9X
0.8s 68.75nm 5.4mb
SEK 88.51 119 iPc 27 05.50 0.6
0.9s 133.00nm 5.7mb
CDR 88.75 44 ePc 27 00.70 -4.7X
CGL 89.78 49 P 27 12.27 1.9
1.4s 51.40nm 5.2mb
RES 90.41 353 eP 27 15.00 2.6
0.8s 4.00nm 4.4mb X
NWL 90.65 119 eP 27 15.50 0.7
0.9s 66.00nm 5.6mb
PTS 91.02 52 P 27 17.19 1.2
1.4s 629.30nm 6.4mb
BFT 91.30 117 eP 27 26.00 8.1X
1.0s 110.00nm 5.8mb
ENN 91.41 38 eP 27 18.00 0.6
1.0s 35.00nm 5.3mb
BOB 91.61 44 P 27 25.45 6.8X
1.5s 137.00nm 5.7mb
CVT 91.88 52 P 27 21.01 1.1
1.4s 920.00nm 6.6mb
PII 92.02 45 P 27 20.62 0.2
1.5s 407.70nm 6.2mb
BDI 92.18 45 P 27 20.11 -1.1
1.4s 49.80nm 5.4mb
FAI 92.44 52 P 27 24.14 1.6
1.8s 459.40nm 6.3mb
MCT 92.51 52 P 27 26.95 3.9X
1.7s 302.50nm 6.1mb
PGD 92.89 46 P 27 26.37 1.7
1.2s 157.90nm 6.0mb
GIB 92.91 52 P 27 24.11 -0.7
1.7s 483.40nm 6.3mb
CRE 92.98 46 P 27 25.96 0.9
1.5s 215.90nm 6.0mb
RDP 92.99 48 P 27 25.54 0.5
1.4s 541.00nm 6.5mb
RMP 92.99 48 P 27 25.40 0.4
1.4s 753.00nm 6.6mb
SFI 93.00 46 P 27 25.88 1.0
1.4s 239.60nm 6.1mb
MNS 93.14 47 P 27 21.17 -4.5X
1.4s 1187.90nm 6.8mb
ASS 93.32 46 P 27 25.85 -0.7
1.5s 269.80nm 6.1mb
MEU 93.36 53 P 27 27.19 0.3
1.6s 212.00nm 6.0mb
MNO 93.40 52 P 27 30.79 3.6X
1.4s 423.40nm 6.4mb
RSM 93.42 46 P 27 28.87 2.1
1.6s 867.30nm 6.6mb
CTI 93.48 43 P 27 28.20 0.9
1.6s 103.70nm 5.7mb
MOTA 93.50 42 iPc 27 30.30 2.9X
i 27 42.80
SQTA 93.54 42 iPc 27 30.60 3.1X
1.3s 73.50nm 5.7mb
i 27 39.00
i 45 17.00
i 45 37.30
ARV 93.64 46 P 27 23.12 -4.8X
1.3s 621.00nm 6.6mb
AQU 93.64 47 P 27 27.96 0.0
1.1s 880.00nm 6.8mb
RFI 93.77 48 P 27 27.30 -1.2
1.7s 1323.60nm 6.8mb
WATA 93.81 42 iPc 27 31.20 2.4
i 27 42.90
i 45 15.50
i 45 35.90
WTTA 93.83 42 iPc 27 31.90 3.0X
1.5s 127.00nm 5.8mb
i 45 15.60
i 45 35.90
DUI 94.21 48 P 27 31.09 0.5
1.4s 278.20nm 6.2mb
GMB 94.35 52 P 27 30.72 -0.7
1.1s 71.30nm 5.7mb
FVI 94.39 43 P 27 31.95 0.8
1.6s 84.90nm 5.7mb
INK 94.42 340 eP 27 29.50 -1.3
0.8s 2.00nm 4.3mb X
SOI 94.47 52 P 27 33.09 1.4
1.6s 155.90nm 5.9mb
SGO 94.55 49 P 27 28.20 -3.8X
1.4s 500.20nm 6.5mb
MGR 94.62 50 P 27 29.27 -3.1X
1.6s 969.80nm 6.8mb
FG2 94.77 48 P 27 32.52 -0.5
1.4s 349.50nm 6.4mb
MOX 94.79 39 eP 27 35.00 2.1
1.9s 58.00nm 5.5mb
TRI 94.80 44 P 27 38.54 5.5X
1.8s *******nm 7.7mb X
FG4 94.85 49 P 27 32.97 -0.4
1.5s 69.10nm 5.6mb
KBA 94.89 43 i(P) 27 37.00 3.3X
i 45 16.50
i 45 31.20
GRI 94.94 51 P 27 32.43 -1.4
1.9s 318.00nm 6.2mb
TDS 95.08 51 P 27 32.66 -1.8
1.9s 329.90nm 6.2mb
ORI 95.27 50 P 27 32.66 -2.6X
FG3 95.30 48 P 27 34.95 -0.6
MBC 95.34 349 eP 27 34.50 -0.4
0.8s 4.00nm 4.7mb X
KHC 95.59 41 eP 27 33.50 -3.1X
e 27 40.00
GEC2 95.60 41 e(P) 27 38.20 1.5
0.8s 4.00nm 4.7mb X
CLL 95.82 39 i(P) 27 47.30 9.8X
1.7s 130.00nm 5.9mb
BRT 96.02 49 P 27 37.20 -1.5
2.1s 1762.00nm 6.9mb
BRG 96.28 39 eP 27 42.50 2.9X
1.6s 61.00nm 5.6mb
PRU 96.42 40 eP 27 39.50 -0.7
LCI 96.45 50 P 27 40.66 0.1
1.5s 1092.40nm 6.9mb
HCY 97.32 48 iPd 27 41.51 -3.1X
BRY 97.45 48 iPd 27 41.20 -4.1X
NB2 97.51 29 P 27 42.50 -2.5
0.9s 31.40nm 5.6mb
BDV 97.53 48 iPd 27 42.93 -2.6
NKY 97.76 48 iPd 27 43.13 -3.6X
ULC 97.76 49 iPd 27 46.05 -0.6
TTG 97.87 48 eP 27 45.22 -1.8
PLE 98.15 47 iPd 27 44.39 -4.1X
PVY 98.42 48 iPd 27 48.67 -1.0
IVA 98.42 48 eP 27 48.28 -1.3
HFS 98.46 30 eP 27 42.70 -6.5X
0.6s 9.80nm 5.3mb
FNA 99.09 50 eP 27 51.14 -1.5
BEO 99.20 46 iP 27 50.60 -2.3
AGG 99.48 52 eP 27 53.98 -0.4
LIT 99.80 51 iP 27 57.42 1.7
SPC 99.87 42 eP 27 54.50 -1.5
e 45 10.20
GRG 99.89 50 iP 27 52.30 -3.8X
THE 100.25 51 ePdiff27 58.86 1.1
KNT 100.30 50 iPdiff27 54.33 -3.6X
SOH 100.58 51 ePdiff27 58.78 -0.5
PAIG 100.67 51 iPdiff28 05.81 6.2X
SRS 100.80 50 ePdiff28 08.25 8.0X
OUR 100.97 51 ePdiff28 00.26 -0.6
COZ 102.00 46 ePdiff28 04.50 -1.1
ALN 102.60 51 iPdiff28 06.54 -1.6
MLR 103.14 46 ePdiff28 05.00 -5.7X
ISR 103.52 46 ePdiff28 13.00 0.8
VRI 103.73 46 ePdiff28 15.00 1.9
NUR 103.89 31 ePdiff28 10.60 -2.8X
1.2s 105.80nm 6.3mb
CFR 104.65 47 ePdiff28 17.50 0.4
KAF 104.79 29 iPdiff28 12.20 -5.2X
1.0s 58.30nm 6.2mb
WB2 139.20 214 ePKP 33 28.40 -6.7X
0.8s 8.00nm
WRA 139.20 214 Pdiff 30 59.90 8.6X
1.3s 3.10nm
S.D. = 1.3 on 59 of 94 obs.

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* JUN 09, 1994 01h 37m 01.04± 1.03s
32.792 S ±10.3km 71.018 W ±10.1km
DEPTH = 70.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.0 (SAN).

ROCH 0.18 178 iPd 37 12.16 0.0
iS 37 20.46
JACH 0.38 73 iPd 37 13.00 -0.1
iS 37 22.02
PEL 0.45 141 iPd 37 13.86 0.2
iS 37 23.19
IHA 0.57 246 (P) 37 03.60 -11.1X
iS 37 25.10
SAN 0.72 156 iPd 37 16.26 -0.2
iS 37 28.14
FCH 0.81 131 iPd 37 17.79 0.0
iS 37 31.14
LCCH 0.82 214 iP+ 37 17.76 0.2
iS 37 30.62
TACH 0.86 176 iP+ 37 18.16 0.1
iS 37 30.95
PCH 0.93 153 iPd 37 18.74 -0.3
iS 37 32.94
CHCH 1.18 165 iPd 37 22.18 0.0
iS 37 38.64
LNV 1.21 196 iP+ 37 22.06 -0.4
iS 37 39.07
CACH 1.37 165 iPd 37 25.15 0.4
iS 37 43.44
S.D. = 0.3 on 11 of 12 obs.

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* JUN 09, 1994 02h 32m 51.08± 0.70s
10.861 S ±12.6km 112.110 E ±18.7km
DEPTH = 27.4km (2 depth phases)
SOUTH OF JAWA, INDONESIA (282)

LEM 5.98 312 ePc 34 21.50 1.2
NANU 12.09 165 eP 35 43.00 -1.5
0.4s 12.00nm 5.4mb
eS 37 51.00
MBL 12.64 145 eP 35 47.80 -4.2X
eS 37 58.00
MEEK 16.85 160 eP 36 47.00 0.2
eS 39 44.00
WARB 20.51 140 eP 37 31.00 1.1
WOOL 22.02 158 eP 37 51.50 6.5X
WB2 23.24 116 iPc 37 55.90 -1.4

1.4s 15.80nm 4.3mb
eS 42 05.20
ASPA 24.35 124 iPd 38 09.00 0.9
0.7s 26.50nm 4.9mb
eS 42 37.60
CHTO 32.22 336 eP 39 18.80 -0.6
STKA 34.32 132 iPc 39 38.70 1.1
0.7s 17.90nm 5.1mb
KMI 36.91 346 Pd 40 00.00 0.2
1.0s 30.00nm 5.1mb
pP 40 08.40 28km
GBA 42.12 304 P 40 51.00 8.1X
LZH 47.34 351 eP 41 22.50 -2.2
1.0s 25.00nm 5.2mb
pP 41 30.50 27km
MAT 53.17 26 (P) 42 10.00 1.0
SOB1 146.55 234 ePKP 52 37.30 6.2X
S.D. = 1.4 on 11 of 15 obs.

JUN 09, 1994 03h 04m 34.19± 0.30s
1.884 S ± 5.2km 99.557 E ± 4.9km
DEPTH = 33.0km (normal)
5.4mb (31 obs.)
SOUTHERN SUMATERA, INDONESIA (274)

KGM 5.40 44 ePd 05 55.60 1.1
e 07 25.00
IPM 6.59 13 ePc 06 12.10 0.8
e 08 07.90
SNG 9.06 7 eP 06 45.50 -0.3
1.8s 818.18nm 6.6mb X
LEM 9.42 122 ePd 06 51.50 0.7
KKM 18.40 65 ePd 08 51.00 2.3
TSM 19.30 71 eP 09 00.00 0.5
MKS 20.15 100 iPd 09 08.30 -0.3
CHTO 20.58 358 eP 09 14.40 1.3
1.0s 47.75nm 4.8mb
GBA 26.80 306 P 10 26.00 12.6X
1.0s 4.00nm
QCP 26.90 52 eP 10 07.50 -6.8X
KMI 27.02 6 ePd 10 16.40 0.8
1.2s 30.00nm 4.8mb
pP 10 29.60 53kmX
DAV 27.45 71 eP 10 19.00 -0.4
BAG 27.60 48 ePc 10 20.20 -0.7
1.9s 315.79nm 5.7mb
SZP 28.24 46 ePc 10 27.00 0.6
CVP 29.33 48 ePc 10 35.00 -1.3
SWI 31.71 89 ePd 10 59.00 1.6
POO 32.42 310 eP 11 05.50 1.9
WOOL 35.82 146 eP 11 33.10 0.5
i 11 40.10
NDI 37.19 326 eP 11 43.50 -0.7
LZH 37.99 6 eP 11 50.00 -1.0
2.0s 136.00nm 5.5mb
sP 12 09.00
WRA 38.43 120 P 11 54.20 -0.7
1.0s 17.00nm 4.8mb
WB2 38.44 120 iPd 11 53.60 -1.3
0.9s 40.40nm 5.2mb
iS 17 45.30
SSE 38.72 30 Pc 11 58.50 1.5
1.6s 51.00nm 5.1mb
i 12 27.50
ASPA 39.68 126 iPc 12 04.60 -0.6
1.0s 47.30nm 5.2mb
e 12 14.40
i 12 21.10
iPcP 14 30.90
iS 18 05.10
BJI 44.41 18 eP 12 43.00 -0.6
1.5s 42.00nm 5.1mb
KUMJ 45.24 38 P 12 50.80 0.4
SHNJ 46.50 37 eP 13 00.90 0.6
TKSJ 48.21 39 P 13 13.20 -0.6
YONJ 48.65 37 eP 13 16.90 -0.2
CTA 49.05 115 iPc 13 19.70 -0.7
1.2s 117.19nm 5.8mb
ipP 13 28.00 28kmX
e 13 44.00
WKYJ 49.35 40 P 13 21.10 -1.5
STKA 49.56 132 iPd 13 23.50 -0.7
1.2s 95.20nm 5.7mb
FRU 49.87 336 eP 13 27.00 0.6
2.2s 180.00nm 5.7mb
e 15 28.00
e 20 37.00

TSRJ 50.43 39 P 13 31.20 0.4
IIDJ 51.62 40 P 13 39.10 -0.8
ZAK 52.16 3 iPc 13 43.00 -0.6
1.9s 144.00nm 5.6mb
MTMJ 52.24 39 P 13 44.10 -0.5
MAT 52.47 39 eP 13 45.00 -1.2
1.2s 39.06nm 5.2mb
CHJJ 52.67 40 P 13 45.80 -1.9
MAIO 53.22 320 eP 13 51.00 -0.9
NIIJ 53.40 39 eP 13 52.20 -0.8
VLA 53.41 29 iPc 13 55.00 2.0
1.2s 472.00nm 6.4mb
i 14 02.00
IRK 54.11 4 eP 13 58.80 0.8
YAMJ 54.61 39 eP 14 00.90 -1.1
CIT 54.99 11 eP 14 06.00 1.4
TOO 55.10 136 eP 14 15.30 9.7X
BWA 55.81 131 eP 14 12.40 1.6
i 14 20.70
OFUJ 56.18 39 eP 14 12.90 -0.4
CAN 56.62 132 iPd 14 17.10 0.5
i 14 25.50
i 14 33.30
ARMA 56.83 126 iPd 14 18.90 0.6
0.9s 19.00nm 5.1mb
MRRJ 57.85 35 eP 14 24.00 -1.0
HOOJ 59.12 37 eP 14 34.50 0.6
ASAJ 59.80 35 eP 14 38.90 0.3
KUSJ 60.39 37 eP 14 42.50 -0.1
BOD 60.69 9 eP 14 43.50 -0.9
1.4s 91.00nm 5.7mb
YSS 61.64 32 ePc 14 50.60 -0.4
1.2s 140.00nm 6.0mb
e 14 59.00
SVE 66.40 338 iPc 15 21.30 -0.7
1.7s 320.00nm 6.1mb
e 15 37.00
YAK 67.74 15 iPc 15 27.10 -3.3X
1.5s 248.00nm 6.1mb
DZM 67.91 113 iPc 15 32.70 0.4
KIV 68.17 319 eP 15 32.70 -0.9
1.2s 36.00nm 5.3mb
e 24 30.40
PET 73.49 33 eP 16 06.00 0.7
1.3s 80.00nm 5.6mb
e 18 58.00
MOS 76.17 329 eP 16 20.00 -0.6
2.0s 240.00nm 5.9mb
e 16 34.00
OBN 76.44 328 iPd 16 22.50 0.3
i 16 39.50
VRI 79.47 317 eP 16 38.00 -1.1
MLR 79.91 317 eP 16 39.00 -2.6
BCAO 81.20 275 ePd 16 51.00 2.1
0.3s 5.00nm 5.0mb
i 16 59.00
i 17 10.00
UZH 83.00 319 eP 16 57.00 -0.5
e 17 05.50
KAF 83.88 333 iP 17 02.20 0.5
0.9s 22.40nm 5.3mb
NUR 84.24 331 iP 17 04.50 1.0
SPC 84.44 320 eP 17 05.40 0.4
SRO 85.50 318 iP 17 10.00 -0.1
OKC 85.89 320 P 17 12.00 0.0
PTJ 86.88 316 eP 17 17.10 0.0
PRU 88.22 320 eP 17 24.30 1.0
ILT 88.62 22 eP 17 23.00 -1.9
GEC2 88.67 319 P 17 26.00 0.3
1.4s 13.76nm 5.1mb
e 17 35.30
e 17 40.50
e 17 55.90
BRG 88.67 321 iP 17 25.60 0.1
1.7s 30.00nm 5.3mb
e 17 40.50
KHC 88.77 319 eP 17 22.00 -4.1X
1.4s 11.00nm 5.0mb
e 17 26.50
e 17 37.50
CLL 89.30 321 iP 17 28.80 0.4
1.9s 38.00nm 5.4mb
e 17 46.00
MOX 90.13 320 eP 17 33.20 0.8
1.9s 28.00nm 5.2mb
GRF 90.34 320 ePc 17 34.50 1.1
1.9s 43.80nm 5.4mb

e 17 43.10
e 17 48.40
e 18 03.60
MEO 143.16 25 iPKPd 24 03.50 -3.7X
TUL 143.27 21 iPKPc 24 05.50 -1.8
LPB 158.01 213 (PKP) 24 33.00 2.7X
LPAZ 158.23 214 PKP 24 31.10 0.3
i 25 23.50
i 25 47.50
S.D. = 1.0 on 78 of 85 obs.

% JUN 09, 1994 04h 41m 48.94± 1.18s
43.021 N ± 8.3km 18.689 E ± 7.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.9 (TTG).

BRY 0.16 222 iPgd 41 53.04 0.3
iSg 41 55.98
NKY 0.31 132 iPgd 41 55.56 0.2
iSg 42 00.86
HCY 0.59 194 iPgc 42 00.57 -0.3
iSg 42 09.03
PLE 0.60 59 iPgd 42 00.86 -0.3
iSg 42 10.56
TTG 0.73 144 iPgd 42 02.30 -0.9
iSg 42 13.86
BDV 0.74 172 iPgc 42 03.28 -0.3
iSg 42 14.56
IVA 0.90 99 iPgd 42 06.54 0.3
iSg 42 19.77
PVY 1.04 114 iPgc 42 08.95 0.3
iSg 42 24.53
ULC 1.14 158 iPgc 42 10.83 0.6
iSg 42 27.39
S.D. = 0.5 on 9 of 9 obs.

JUN 09, 1994 05h 26m 30.48± 0.12s
13.860 S ± 2.7km 67.264 W ± 3.1km
DEPTH = 630.9km (6 depth phases)
5.2mb (88 obs.)
NORTHERN BOLIVIA (119)

LPAZ 2.56 199 iPd 27 52.80 1.7
S 28 58.70
LPB 2.78 197 iPd 27 53.30 1.4
CCH 3.67 163 iPd 28 00.00 3.2X
ARE 4.83 237 iPd 28 06.00 1.2
iS 29 20.00
ZON 17.65 184 iPc 30 04.00 0.9
BAO 18.72 98 eP 30 13.80 0.7
JACH 18.98 189 iPd 30 15.16 -0.2
ROCH 19.33 190 iP+ 30 17.74 -1.0
PEL 19.45 189 iPd 30 19.00 -0.6
BOG 19.56 339 iPc 30 24.00 2.9
FCH 19.58 188 iPd 30 21.19 0.1
SAN 19.75 188 iPd 30 21.68 -0.6
PCH 19.89 188 iPd 30 23.29 -0.4
LCCH 19.92 191 iPd 30 22.67 -1.1
TACH 19.99 189 iPd 30 23.64 -0.8
CHCH 20.22 188 iPd 30 25.86 -0.8
LNV 20.36 190 iPd 30 26.34 -1.4
CACH 20.39 188 iPd 30 28.01 -0.3
VAO 21.27 118 eP 30 35.20 -1.1
UFRS 21.95 140 eP 30 40.20 -2.0
i 30 40.50 1kmX
e 30 42.90
e 31 13.70
e 34 16.80
e 36 50.90
SOB1 26.24 83 eP 31 20.50 0.3
SVB 27.61 13 iP 31 32.15 0.2
SVV 27.66 13 iP 31 32.94 0.5
SLB 28.19 13 iP 31 37.34 0.3
SLW 28.40 13 eP 31 40.00 1.2
ITR 28.72 83 eP 31 41.90 0.3
BIM 28.85 13 eP 31 42.48 -0.2
MVM 28.93 13 eP 31 43.26 0.0
FDF 29.05 12 eP 31 43.98 -0.4
CRM 29.11 13 eP 31 44.88 0.0
MGG 30.16 11 eP 31 52.00 -1.7
PAG 30.21 11 eP 31 52.90 -1.3
SFG 30.51 12 eP 31 55.00 -1.7
DEG 30.60 12 eP 31 54.83 -2.6
BPA 31.17 10 eP 31 58.80 -3.4X
MGP 31.66 0 P 32 06.30 0.0
CPD 31.72 2 P 32 06.50 -0.4

09d 05h

IMO	31.77	359	P	32 06.50	-0.7
SJG	31.79	2	iP	32 07.00	-0.4
LPR	31.99	3	P	32 08.40	-0.8
OXX	42.32	316	(P)	33 35.00	1.6
IISM	44.11	317	(P)	33 49.00	2.1
PPM	45.00	316	(P)	33 56.00	1.6
CRX	45.95	315	(P)	34 03.00	1.6
MRX	47.19	314	(P)	34 12.00	1.6
HBF	48.19	345	eP	34 17.09	-0.6
SGS	48.47	345	eP	34 19.15	-0.6
JSC	49.69	345	eP	34 28.04	-0.6
LHS	49.77	345	eP	34 28.35	-0.9
PRM	49.80	344	eP	34 28.97	-0.5
CEH	50.73	348	ePd	34 35.09	-1.2
	0.7s	120.36nm			5.4mb
BLA	52.28	347	ePd	34 47.21	-0.3
	0.9s	143.73nm			5.3mb
NAV	52.47	346	ePd	34 48.37	-0.5
CVL	52.62	349	ePd	34 49.21	-0.7
MFTN	53.97	338	iPc	34 57.77	-1.5
GRT	54.07	338	ePc	34 58.39	-1.6
MIAR	54.25	333	iPd	34 59.75	-1.5
	0.7s	164.65nm			5.5mb
LST	54.41	338	eP	35 01.02	-1.4
CRNY	55.20	354	eP	35 06.82	-0.9
LTX	55.49	321	eP	35 08.97	-1.2
LSCT	55.53	355	iPd	35 09.66	-0.4
	0.6s	339.31nm			5.8mb
FVM	55.96	338	iPd	35 11.58	-1.5
	0.4s	639.64nm			6.2mb X
BINY	56.35	352	ePd	35 15.50	-0.2
	0.4s	216.14nm			5.8mb
TUL	56.38	332	iPc	35 15.00	-0.9
SIO	56.47	332	iPc	35 16.00	-0.6
TYS	56.49	338	ePc	35 14.80	-1.9
FNO	56.59	331	iPd	35 16.00	-1.4
MEO	56.78	329	iPd	35 17.60	-1.2
OCO	56.84	331	iPc	35 18.30	-0.8
WMOK	56.85	329	iPd	35 17.93	-1.3
	0.5s	134.24nm			5.4mb
YSNY	57.01	350	ePd	35 19.79	-0.4
	0.8s	314.37nm			5.6mb
STCO	57.83	350	P	35 24.53	-1.1
TYNO	57.84	349	P	35 24.45	-1.3
DLA	57.95	348	P	35 24.80	-1.7
LBNH	57.97	356	eP	35 26.62	0.0
	0.6s	118.99nm			5.3mb
			epP	37 26.21	632km
LDN	58.04	348	P	35 25.70	-1.4
ELF	58.21	348	P	35 26.70	-1.6
ACTO	58.37	349	P	35 27.87	-1.5
WLVO	58.39	351	P	35 28.14	-1.3
RSNY	58.50	354	ePd	35 29.58	-0.6
	0.7s	197.19nm			5.4mb
ACO	58.59	330	iPc	35 30.10	-0.8
LMN	59.47	2	ePd	35 35.90	-0.6
	0.6s	109.00nm			5.3mb
GAC	59.74	353	ePd	35 38.00	-0.3
JFWS	60.30	341	iPd	35 40.74	-1.3
	0.5s	495.52nm			6.0mb
CBM	60.51	359	iPd	35 43.41	0.1
	0.8s	197.55nm			5.4mb
KDS	60.55	67	iPd	35 43.00	-1.1
ALQ	61.14	324	ePd	35 47.77	-0.1
	0.6s	58.22nm			5.0mb
			epP	37 49.80	633km
LIC	64.90	76	P	36 10.73	-1.2
	0.6s	50.50nm			5.1mb
PV08	64.95	325	eP	36 12.33	0.1
PV10	65.03	325	eP	36 12.09	-0.5
TIC	65.04	76	P	36 11.55	-1.2
	0.9s	36.50nm			4.8mb
PV09	65.17	325	ePd	36 13.63	0.1
KIC	65.22	76	Pd	36 12.85	-1.0
	0.6s	78.00nm			5.3mb
SRU	66.37	324	iPd	36 20.89	0.2
PLM	66.63	316	ePd	36 22.86	0.5
RSSD	66.72	332	ePd	36 22.64	-0.1
	0.7s	69.69nm			5.2mb
MSU	66.92	323	iPd	36 24.96	0.8
			epP	38 29.69	628km
EMUT	67.02	325	ePd	36 25.06	0.3
PEC	67.15	316	eP	36 25.77	0.4
	1.0s	72.88nm			5.1mb
ARUT	67.19	322	eP	36 26.72	1.0
CSP	67.52	317	eP	36 28.04	0.3
DAU	67.68	325	eP	36 29.15	0.3
SSK	67.69	316	eP	36 29.35	0.5
GSC	67.75	318	eP	36 29.57	0.5
JAQ	67.78	355	ePd	36 26.80	-1.9
DUG	68.41	324	eP	36 33.56	0.6
	0.7s	55.78nm			5.1mb
			epP	38 38.53	624km
ULM	68.60	341	iPd	36 35.10	1.4
ABL	69.09	316	ePc	36 37.23	0.0
HVU	69.45	325	ePc	36 39.00	-0.1
TNP	69.70	320	eP	36 41.47	0.7
	0.7s	52.81nm			5.1mb
BCH	69.86	316	ePd	36 41.72	0.1
PTI	69.96	326	eP	36 42.57	0.4
HHAI	70.26	327	ePd	36 43.25	-0.5
BONR	70.31	319	eP	36 45.20	0.8
PKEM	70.38	317	eP	36 45.11	0.7
PHAM	70.44	316	eP	36 45.34	0.5
MEMM	70.54	319	eP	36 46.17	0.9
KVN	70.84	320	eP	36 47.70	0.4
SAO	71.66	317	ePd	36 52.53	0.6
	0.9s	30.00nm			4.8mb
CMB	71.69	318	ePd	36 52.40	0.3
	0.7s	10.00nm			4.4mb
ARN	72.05	317	eP	36 54.98	0.8
COE	72.09	317	eP	36 54.53	0.2
MHC	72.12	317	ePd	36 55.69	1.0
	0.9s	90.00nm			5.3mb
STAN	72.50	317	ePd	36 57.64	1.0
	1.1s	240.00nm			5.7mb
JEGM	72.75	317	ePd	36 58.55	0.5
BKS	72.80	317	iPd	36 59.41	1.0
	0.7s	120.00nm			5.5mb
TIO	72.81	51	iPd	37 00.00	1.3
ORV	73.27	319	ePd	37 01.85	0.9
	1.1s	200.00nm			5.6mb
NTYM	73.37	318	eP	37 02.12	0.6
MIN	73.78	320	iPd	37 03.64	-0.4
	1.0s	30.00nm			4.8mb
LMEM	73.87	320	ePd	37 05.04	0.5
WDC	74.50	319	ePd	37 07.00	-0.8
	0.7s	60.00nm			5.2mb
LBFM	74.53	320	eP	37 08.64	0.4
YBH	75.26	320	ePd	37 11.71	-0.3
	0.7s	50.00nm			5.1mb
KMPM	75.42	319	eP	37 13.62	0.7
IFR	75.62	50	iP	37 16.00	1.7
ARC	75.64	319	ePd	37 15.26	1.3
	1.1s	120.00nm			5.3mb
NEW	76.03	328	ePc	37 15.46	-0.6
	0.7s	19.02nm			4.7mb
SPA	76.23	180	iPc	37 17.00	-0.1
	0.8s	105.42nm			5.4mb
VGB	76.30	324	eP	37 18.17	0.6
DPW	76.34	327	eP	37 18.29	0.5
			epP	39 28.46	632km
PLAT	76.38	47	iP	37 20.00	1.8
MOMI	76.50	47	eP	37 21.00	2.1
GIBL	76.58	46	iP	37 20.50	1.2
EJIF	76.74	47	P	37 22.20	2.1
	1.1s	56.00nm			5.0mb
EPRU	77.16	47	eP	37 24.07	1.7
FRB	77.37	359	ePd	37 22.20	-0.6
	0.7s	39.00nm			5.0mb
SHW	77.52	324	eP	37 25.03	0.8
EHOR	77.55	46	eP	37 25.23	0.8
LON	77.61	325	eP	37 24.92	0.3
ELOJ	78.00	47	eP	37 28.32	1.4
EMEL	78.02	49	eP	37 27.90	1.0
RMW	78.02	326	eP	37 26.60	-0.2
EPLA	78.07	43	eP	37 28.22	1.0
ELUQ	78.11	46	eP	37 28.85	1.4
ERON	78.19	47	eP	37 28.80	0.8
BMW	78.25	324	ePd	37 29.07	1.1
EGUA	78.28	47	eP	37 28.55	0.3
ECOG	78.48	47	eP	37 30.32	0.9
ERUA	78.55	41	eP	37 30.70	1.1
GMW	78.62	325	ePd	37 30.24	0.4
EBAN	78.73	46	eP	37 31.65	1.0
EMON	78.97	40	eP	37 32.65	0.9
PAB	78.99	45	iPd	37 33.00	1.0
	0.9s	67.23nm			5.1mb
MCW	79.30	326	iPd	37 34.12	0.8
			epP	39 46.52	638km
ENIJ	79.31	48	eP	37 33.68	0.0
EHUE	79.41	47	eP	37 34.38	0.1
GUD	79.64	44	eP	37 36.52	1.1
	0.5s	0.11nm			2.6mb X
EVIA	79.84	46	eP	37 37.56	1.0
ETOR	81.14	44	eP	37 44.59	1.5
ECHE	81.34	46	eP	37 45.40	1.3
ECRI	81.65	42	eP	37 46.86	1.3
EROQ	82.82	45	eP	37 52.36	1.0
EGRA	82.92	44	eP	37 54.88	3.1X
GDH	83.46	5	iPc	37 54.10	0.2
	1.0s	80.00nm			5.3mb
ENSF	83.61	43	P	37 56.54	1.1
EPF	83.71	43	eP	37 56.50	0.7
	0.6s	24.60nm			5.0mb
SALF	84.16	44	P	37 59.12	1.0
DCN	84.21	31	eP	37 58.40	0.5
PAND	84.30	44	P	37 59.60	0.7
LESF	84.34	43	P	37 59.46	0.6
YKA	84.56	340	eP	37 59.50	0.0
	0.7s	125.90nm			5.7mb
DLF	84.57	32	eP	37 59.50	-0.1
	0.8s	101.00nm			5.5mb
LFF	84.79	41	eP	38 00.90	0.0
	0.7s	57.10nm			5.3mb
VDCF	84.88	44	P	38 02.09	0.6
MFF	84.95	40	eP	38 01.50	-0.2
	0.9s	38.35nm			5.0mb
LPO	84.97	42	eP	38 01.80	0.0
	0.7s	33.20nm			5.1mb
LPF	85.04	38	eP	38 01.40	-0.7
	0.6s	26.60nm			5.1mb
PERF	85.19	44	P	38 02.98	0.0
GRR	85.31	38	eP	38 03.00	-0.4
	0.7s	59.75nm			5.4mb
RJF	85.44	41	eP	38 03.70	-0.4
	0.6s	18.85nm			4.9mb
CAF	85.64	42	eP	38 04.90	-0.2
	1.0s	52.80nm			5.2mb
FLN	85.70	38	eP	38 04.80	-0.4
	0.6s	36.05nm			5.2mb
LDF	85.84	38	eP	38 05.30	-0.6
	0.7s	57.75nm			5.4mb
LSF	85.85	40	eP	38 05.50	-0.5
	1.0s	41.80nm			5.1mb
TCF	86.29	41	eP	38 07.50	-0.7
	0.6s	15.60nm			4.9mb
MAF	86.49	41	eP	38 08.60	-0.5
	0.6s	19.05nm			5.0mb
BGF	86.80	41	eP	38 10.10	-0.5
	0.8s	69.60nm			5.4mb
COLF	86.93	42	P	38 11.49	0.3
HYF	86.96	40	eP	38 10.90	-0.4
	0.6s	85.15nm			5.7mb
BCAO	86.98	85	iPc	38 12.00	-0.1
	0.6s	22.00nm			5.1mb
			i	40 29.00	648kmX
AVF	87.22	40	eP	38 11.70	-0.8
	0.7s	27.65nm			5.1mb
EKA	87.30	31	Pd	38 11.48	-1.2
	0.8s	27.00nm			5.0mb
AKU	87.34	18	iPd	38 14.50	1.9
	0.9s	23.53nm			4.9mb
SSF	87.42	40	eP	38 12.50	-0.9
	0.8s	25.40nm			5.0mb
SMF	87.47	41	eP	38 13.20	-0.5
	0.8s	58.05nm			5.4mb
CDR	87.60	44	ePd	38 14.40	0.1
LBF	87.69	40	eP	38 13.70	-1.0
	0.6s	10.80nm			4.8mb
LOR	87.72	40	eP	38 13.90	-0.9
	0.5s	18.90nm			5.1mb
LRG	87.92	44	eP	38 16.00	0.2
	0.8s	38.80nm			5.2mb
LMR	87.98	45	eP	38 16.10	0.0
	0.7s	43.90nm			5.3mb
FRF	88.15	44	eP	38 16.80	-0.1
	0.7s	24.25nm			5.1mb
CALN	88.39	44	P	38 18.61	0.5
REVF	88.71	44	P	38 19.33	-0.1
TOUF	88.72	44	P	38 18.68	-1.1
AURF	88.73	44	P	38 19.28	-0.4
SBF	88.79	44	eP	38 19.90	0.0
	0.6s	20.30nm			5.1mb
LPL	88.91	43	eP	38 21.10	0.5
	0.7s	35.85nm			5.3mb
LPG	88.92	43	eP	38 21.30	0.6
	1.0s	65.00nm			5.4mb
SAOF	88.92	44	P	38 20.69	0.3
DOU	89.27	38	P	38 21.90	0.1
PGF	89.42	46	eP	38 22.50	-0.4

0.8s 15.70nm 5.0mb
DIX 89.55 42 ePc 38 24.50 0.9
HAU 89.56 40 eP 38 22.50 -0.8
0.8s 18.25nm 5.0mb
LOMF 89.63 41 P 38 23.45 -0.2
BSF 89.78 40 eP 38 23.60 -0.8
0.7s 19.60nm 5.1mb
MMK 89.91 42 ePd 38 25.90 0.7
MOF 90.00 40 P 38 24.85 -0.5
RES 90.05 353 eP 38 25.50 0.6
0.9s 11.00nm 4.8mb
WLF 90.05 39 iPc 38 25.95 0.6
1.4s 19.20nm 4.8mb
ECH 90.14 40 P 38 25.87 -0.1
CDF 90.29 40 eP 38 26.10 -0.6
0.6s 14.60nm 5.1mb
ENN 90.31 37 eP 38 26.50 -0.1
1.0s 29.00nm 5.2mb
WLS 90.34 40 P 38 26.39 -0.5
TMA 90.52 42 ePd 38 27.70 -0.2
FEL 90.56 41 P 38 27.63 -0.4
LANF 90.81 40 P 38 29.04 0.0
SLE 90.83 41 iPd 38 29.20 0.1
VDL 91.04 42 ePc 38 30.60 0.3
WTS 91.28 36 eP 38 31.50 0.5
0.9s 19.80nm 5.1mb
WIT 91.49 36 eP 38 33.00 1.1
OSS 91.54 42 ePd 38 32.70 0.1
MOTA 92.37 42 iPd 38 36.00 -0.4
SQTA 92.40 42 iPc 38 36.30 -0.2
WATA 92.67 42 iPc 38 37.30 -0.5
WTTA 92.69 42 iPc 38 37.50 -0.4
0.7s 26.40nm 5.4mb
GRF 93.16 40 iPd 38 40.20 0.4
1.0s 42.90nm 5.5mb
MOX 93.69 39 iPd 38 42.30 0.1
1.1s 9.00nm 4.8mb
KBA 93.75 43 iPc 38 42.00 -0.8
0.6s 10.10nm 5.1mb
WET 94.03 40 iPd 38 44.10 0.3
INK 94.33 340 ePd 38 44.50 -0.2
0.6s 13.00nm 5.3mb
GEC2 94.47 41 e(P) 38 45.60 -0.3
0.7s 7.30nm 5.0mb
KHC 94.47 41 eP 38 46.00 0.2
0.8s 5.00nm 4.8mb
e 39 31.50 182kmX
eSg 40 04.00
CLL 94.72 38 iPd 38 46.90 0.1
0.9s 26.00nm 5.4mb
DAG 94.78 10 iPc 38 46.40 -0.2
0.5s 14.79nm 5.5mb
HVAR 94.85 47 iPd 38 47.20 -0.3
BALM 94.94 332 eP 38 47.79 0.0
MBC 95.07 349 eP 38 48.00 0.1
0.7s 3.00nm 4.6mb
BRG 95.17 39 iP 38 49.70 0.9
1.3s 18.00nm 5.1mb
PRU 95.30 40 eP 38 49.60 0.2
NB2 96.52 29 P 38 54.70 0.0
1.4s 21.60nm 5.2mb
KLU 96.73 332 eP 38 55.61 -0.1
HFS 97.45 30 eP 38 58.40 -0.5
0.8s 14.10nm 5.3mb
FBA 98.46 335 ePd 39 02.78 -0.6
STKA 126.77 211 ePKP 44 25.40 -0.4
e 46 42.90
MAIO 127.58 55 ePKP 44 27.00 -0.3
ASPA 137.35 209 ePKP 44 35.20 -10.9X
iSKP 47 17.90
KUSJ 139.95 323 ePKP 44 42.90 -7.3X
WB2 140.24 213 iPKPc 44 43.50 -7.9X
0.4s 19.80nm
iSKP 47 26.20
WRA 140.25 213 PKP 44 44.00 -7.4X
0.6s 4.90nm
ASAJ 140.49 326 ePKP 44 46.10 -5.0X
HOOJ 141.22 323 ePKP 44 46.90 -5.5X
POO 142.42 78 ePKP 44 54.00 -1.2
MRRJ 142.46 325 ePKP 44 52.40 -2.1X
NANU 143.70 184 iPKPc 44 55.80 -1.4
NDI 143.92 60 iPKPd 44 57.20 -0.3
OFUJ 144.20 320 PKP 44 57.50 -0.1
MBL 144.51 191 iPKPc 44 58.00 -0.7
0.4s 31.00nm
GBA 145.73 86 PKPd 45 00.00 -0.8
0.7s 39.00nm

YAMJ 145.76 320 ePKP 45 02.50 2.2X
KAKJ 146.84 317 PKP 45 02.20 0.2
HYB 146.92 79 ePKP 45 02.50 -0.2
0.8s 128.60nm
NIIJ 146.98 320 PKP 45 02.50 0.3
CHJJ 147.71 318 PKP 45 07.40 3.9X
MTN 147.81 215 ePKP 45 04.00 -0.2
0.4s 73.00nm
e 45 07.50
MAT 147.91 319 ePKP 45 04.00 0.2
MTMJ 148.14 320 PKP 45 04.70 0.4
IIDJ 148.75 318 PKP 45 09.50 4.3X
GUMO 148.80 273 ePKP 45 05.10 -0.6
0.8s 198.90nm
e 45 09.80
PJG 148.80 273 ePKP 45 05.00 -0.7
e 45 09.80
TSRJ 149.95 320 PKP 45 07.70 0.8
WKYJ 151.03 318 PKP 45 15.60 7.0X
YONJ 151.71 322 ePKP 45 10.00 0.5
TKSJ 152.16 320 PKP 45 11.00 0.8
BJI 153.75 354 ePKP 45 12.50 0.4
1.2s 24.00nm
e 45 20.50
e 45 36.00
e 49 12.50
LZH 156.47 18 ePKP 45 16.00 -0.1
1.4s 39.00nm
pP 45 49.50
S.D. = 0.9 on 282 of 296 obs.

JUN 09, 1994 05h 39m 33.94± 0.57s
46.897 N ± 6.5km 0.521 E ± 5.7km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 2.7 (LDG).

MFF 0.55 238 Pg 39 44.50 -0.4
Sg 39 50.80
LSF 0.95 133 Pg 39 52.70 0.2
Sg 40 03.90
TCF 1.31 117 Pg 39 59.40 0.7
Sg 40 15.60
HYF 1.49 75 Pg 40 01.50 0.0
LPF 1.55 318 Pn 40 00.80 -1.5
Pg 40 02.70
Sg 40 23.40
MAF 1.56 115 Pn 40 02.30 -0.2
Pg 40 03.70
Sg 40 23.00
BGF 1.63 101 Pn 40 02.40 -1.1
Pg 40 04.60
Sg 40 24.80
RJF 1.74 156 Pg 40 05.60 0.7
Sg 40 28.30
LDF 1.75 346 Pg 40 06.40 1.2
Sg 40 28.30
GRR 1.76 328 Pg 40 06.70 1.4
Sg 40 29.80
AVF 1.95 92 Pg 40 09.10 1.1
Sg 40 35.70
FLN 1.99 340 Pn 40 07.90 -0.6
Pg 40 11.60
Sg 40 36.90
SSF 2.05 84 Pn 40 07.80 -1.7
Pg 40 13.30
Sg 40 37.30
CAF 2.25 151 Pg 40 16.70 4.3X
Sg 40 45.70
SMF 2.30 95 Pg 40 16.60 3.5X
Sg 40 45.10
LOR 2.31 80 Pg 40 17.80 4.5X
Sg 40 45.60
LBF 2.37 87 Pg 40 18.30 4.2X
Sg 40 47.20
MOX 8.23 59 iPd 42 37.60 60.7X
1.5s 13.00nm
KHC 9.03 71 eP 42 31.50 43.5X
e 42 40.50
NAI 57.55 135 iPc 49 41.50 14.4X
1.0s 4566.00nm
S.D. = 1.1 on 13 of 20 obs.

& JUN 09, 1994 05h 44m 42.34s
59.844 N 153.777 W
DEPTH = 162.2km
SOUTHERN ALASKA (2)
<AEIC>.

PDB 0.22 255 eP 45 03.07 0.3
INE 0.42 59 eP 45 04.07 0.5
AUL 0.49 159 eP 45 04.35 -1.0
AUH 0.51 160 eP 45 04.77 -0.7
AUP 0.52 159 eP 45 04.97 -0.5
AUE 0.53 157 eP 45 04.38 -1.0
AUI 0.54 161 eP 45 04.39 -1.1
RS2 0.80 39 eP 45 06.24 -1.1
eS 45 25.74
RSO 0.80 39 eP 45 06.32 -1.0
REF 0.84 39 eP 45 06.60 -1.0
CDD 0.92 176 eP 45 06.58 -1.4
eS 45 25.99
RDT 1.00 42 eP 45 07.82 -0.8
HOM 1.10 99 eP 45 09.03 -0.3
NNL 1.26 80 eP 45 11.42 0.6
CNPM 1.33 103 eP 45 10.78 -0.7
eS 45 31.72
SYI 1.43 149 eP 45 11.15 -1.3
BKG 1.44 31 eP 45 12.12 -0.5
BRLK 1.46 92 eP 45 12.25 -0.6
eS 45 34.00
SVW 1.56 325 eP 45 12.11 -1.8
SPU 1.59 32 eP 45 13.56 -0.6
CKN 1.59 29 eP 45 13.94 -0.2
CP2 1.61 27 eP 45 14.40 -0.2
NCG 1.76 26 eP 45 16.05 0.0
SLKM 1.90 68 eP 45 17.18 -0.3
SEW 2.19 81 eP 45 20.29 -0.5
eS 45 49.02
PMS 2.51 54 P 45 24.30 -0.4
S 45 55.20
PWA 2.64 45 P 45 26.40 0.3
KNK 3.06 57 eP 45 32.07 0.6
GHO 3.07 49 eP 45 29.96 -1.6
CUT 3.08 32 eP 45 31.20 -0.5
MTU 3.09 85 eP 45 31.48 -0.3
SML 3.31 51 eP 45 32.85 -1.9
eS 46 12.70
SCM 3.73 55 eP 45 39.51 -0.7
FID 3.74 73 eP 45 38.97 -1.3
VZW 3.78 68 eP 45 40.33 -0.4
VLZ 3.90 67 eP 45 42.15 -0.1
eS 46 27.15
CVA 4.07 77 eP 45 45.17 0.8
KLU 4.20 63 eP 45 46.07 -0.2
RND 4.28 31 eP 45 47.06 -0.2
GLB 5.16 68 eP 45 58.57 -0.3
NEA 5.23 23 eP 45 58.80 -1.0
WRH 5.35 27 eP 45 59.99 -1.4
CCB 5.57 27 eP 46 02.56 -1.6
HDA 5.58 32 eP 46 03.18 -1.3
BALM 5.79 73 eP 46 07.18 0.0
45 obs. associated

& JUN 09, 1994 05h 53m 07.45s
67.133 N 136.650 W
DEPTH = 10.0km (geophysicist)
NORTHERN YUKON TERRITORY, CANADA(677)
<PGC-P>. ML 3.5 (PGC).

INK 1.68 44 ePd 53 36.30 -0.6
DAWY 3.28 202 ePn 53 58.52 -1.5
eSg 54 48.70
DWY 3.30 202 ePn 53 59.00 -1.2
ePg 54 05.00
eLg 54 50.00
HYT 6.35 184 ePn 54 41.00 -2.4
YKA 10.45 106 eP 55 31.90 -8.2
0.3s 0.30nm 4.2mb
MBC 10.57 23 eP 55 37.50 -4.3
RES 15.24 42 eP 56 39.00 -4.8
7 obs. associated

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* JUN 09, 1994 06h 18m 54.01± 0.97s
8.745 N ±10.8km 126.177 E ±13.4km
DEPTH = 94.9 ± 7.7 km
4.2mb (3 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

BIP 0.52 172 iPc 19 08.00 -1.6
iS 19 17.00
CGP 1.49 259 ePc 19 21.00 0.7
iS 19 42.00
CTB 2.49 232 eP 19 34.50 1.0

09d 06h

MAP 2.67 306 iPd 19 39.00 3.0X
eS 20 04.00
PLP 2.68 334 ePc 19 37.00 0.9
iS 20 10.50
WRA 29.62 164 P 24 53.30 0.7
0.5s 0.70nm 3.6mb
WARB 34.72 179 eP 25 40.00 3.1X
0.4s 6.00nm 4.9mb
ODAN 40.87 301 P 26 29.63 1.0
RAMN 41.56 301 P 26 34.41 0.1
JIRN 42.14 302 P 26 39.09 -0.1
GUN 42.48 302 P 26 40.93 -1.0
DMN 43.03 301 P 26 46.23 -0.1
GKN 43.55 302 P 26 49.69 -0.7
KOLN 44.35 301 P 26 56.47 -0.5
DANN 44.39 302 P 26 56.09 -1.3
PYUN 44.97 301 P 27 01.19 -0.7
GBA 48.00 280 P 27 44.00 18.4X
YKA 95.18 24 eP 32 09.30 1.5
0.8s 0.80nm 4.2mb
S.D. = 1.1 on 15 of 18 obs.
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* JUN 09, 1994 06h 26m 41.89± 1.95s
42.371 N ± 9.1km 19.986 E ±13.2km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.4 (TTG).

PVY 0.22 358 iPgc 26 46.57 -0.2
iSg 26 51.31
IVA 0.50 353 iPgc 26 52.05 -0.1
iSg 26 59.98
TTG 0.54 276 iPgc 26 52.19 -0.6
iSg 27 02.57
ULC 0.68 234 iPgc 26 55.28 -0.2
iSg 27 07.01
NKY 0.85 302 iPgc 26 57.93 -0.5
iSg 27 13.49
BDV 0.86 265 iPgc 26 58.76 0.3
iSg 27 14.20
PLE 1.05 336 iPgc 27 02.23 0.4
iSg 27 18.72
HCY 1.10 274 iPgc 27 03.14 0.5
iSg 27 21.73
BRY 1.19 297 iPgd 27 04.49 0.3
iSg 27 23.99
HVAR 2.73 288 ePn 27 32.50 6.0X
iSn 28 04.80
S.D. = 0.5 on 9 of 10 obs.

? JUN 09, 1994 06h 31m 12.29± 4.27s
33.161 S ±11.3km 69.417 W ±31.5km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.6 (SAN).

FCH 0.75 257 iP+ 31 27.09 -0.1
iS 31 41.95
PCH 1.03 243 iP+ 31 31.71 0.0
iS 31 50.39
PEL 1.06 271 iP+ 31 32.29 -0.1
iS 31 51.00
JACH 1.10 295 iP+ 31 32.41 -0.6
iS 31 50.85
CHCH 1.29 233 iP+ 31 35.77 -0.4
iS 31 56.57
ROCH 1.35 278 iP 31 37.62 0.3
iS 31 59.87
TACH 1.36 248 iPd 31 37.42 0.1
iS 31 59.86
CACH 1.37 226 iP+ 31 37.02 -0.5
iS 31 59.08
LCCH 1.83 260 iPd 31 44.74 0.7
iS 32 13.29
LNV 1.84 244 iPd 31 44.88 0.7
iS 32 13.45
S.D. = 0.5 on 10 of 10 obs.
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* JUN 09, 1994 06h 50m 16.42± 0.96s
36.507 N ±12.5km 78.562 E ±16.0km
DEPTH = 33.0km (normal)
4.1mb (4 obs.)
KASHMIR-XINJIANG BORDER REGION (324)

NDI 7.88 189 ePn 52 13.00 1.4
eSn 53 18.00
PYUN 9.18 155 P 52 27.78 -2.0
DANN 9.24 150 P 52 29.60 -1.1
KOLN 9.70 152 P 52 35.74 -1.2
GKN 9.91 147 P 52 40.32 0.5
KKN 10.39 145 P 52 45.82 -0.5
DMN 10.46 146 P 52 46.84 -0.6
GUN 10.57 142 P 52 49.66 0.6
PKI 10.63 145 P 52 50.76 0.9
JIRN 10.93 142 P 52 54.60 0.6
RAMN 11.72 142 P 53 04.30 -0.3
TAPN 11.98 137 P 53 08.76 0.6
ODAN 12.20 140 P 53 11.60 0.6
NB2 48.05 323 P 58 53.50 -0.8
0.7s 0.90nm 3.9mb
WRA 76.97 127 P 02 08.60 1.0
0.6s 1.50nm 4.2mb
WB2 76.98 127 eP 02 07.90 0.3
0.5s 2.80nm 4.5mb
YKA 80.77 6 eP 02 30.70 3.1X
0.8s 0.90nm 3.8mb
S.D. = 1.0 on 16 of 17 obs.

% JUN 09, 1994 07h 14m 44.35± 0.75s
45.009 N ± 5.4km 7.087 E ± 8.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.1 (GEN).

RSP 0.19 40 P 14 48.88 0.3
S 14 52.45
BHB 0.21 143 P 14 48.97 0.0
S 14 52.54
RRL 0.23 248 P 14 49.66 0.2
S 14 53.51
LSD 0.45 6 P 14 53.28 -0.3
S 14 58.95
PZZ 0.50 179 P 14 54.42 -0.2
S 15 00.60
S.D. = 0.4 on 5 of 5 obs.

JUN 09, 1994 07h 52m 47.02± 0.78s
17.590 N ± 8.1km 120.818 E ± 7.8km
DEPTH = 10.0km (geophysicist)
3.2mb (1 obs.)
LUZON, PHILIPPINE ISLANDS (249)

SZP 0.35 264 ePc 52 54.00 -0.2
PIP 0.76 346 iPd 53 02.80 1.0
iS 53 19.00
CVP 0.96 83 iPc 53 05.50 0.1
iS 53 18.50
BBP 3.04 21 eP 53 35.00 -0.9
GQP 3.99 157 ePc 53 50.50 1.0
eS 54 38.00
WRA 39.59 160 P 00 19.40 -1.0
0.7s 0.40nm 3.2mb
S.D. = 1.2 on 6 of 6 obs.

& JUN 09, 1994 08h 09m 48.81s
60.031 N 152.686 W
DEPTH = 108.8km
SOUTHERN ALASKA (2)
<AEIC>.

INE 0.19 279 P 10 03.50 0.6
S 10 15.90
RED 0.39 354 P 10 04.40 -0.8
RSO 0.43 356 P 10 05.00 -0.6
RS2 0.43 355 P 10 02.70 -2.9
REF 0.46 359 P 10 05.10 -0.6
S 10 17.50
RDT 0.56 14 eP 10 05.45 -0.8
eS 10 18.90
HOM 0.65 125 P 10 06.40 -0.4
S 10 20.70
NNL 0.70 88 P 10 07.40 0.1
AUL 0.75 211 P 10 07.20 -0.6
XLV 0.76 139 P 10 06.80 -1.0
S 10 21.20
AUE 0.76 208 P 10 07.00 -0.8
AUP 0.77 209 P 10 07.10 -0.9
AGU 0.77 210 P 10 07.30 -0.8
AUH 0.77 210 P 10 07.20 -0.8
AUI 0.79 209 P 10 07.10 -1.0
S 10 21.50
PDB 0.80 253 P 10 07.40 -0.8
S 10 21.90
CNPM 0.89 124 P 10 08.40 -0.7
S 10 23.40
BRLK 0.95 106 eP 10 08.87 -0.8
eS 10 23.71
NKA 1.01 45 P 10 11.30 1.0
BKG 1.06 11 P 10 10.30 -0.7
S 10 27.20
MCNL 1.19 225 P 10 11.20 -1.1
S 10 28.30
SPU 1.20 15 iP 10 11.65 -0.8
eS 10 29.33
CKT 1.20 11 eP 10 11.69 -0.8
CDD 1.21 204 P 10 11.00 -1.5
S 10 28.70
CKN 1.22 12 eP 10 12.15 -0.5
BGL 1.25 7 P 10 12.50 -0.5
CP2 1.26 10 eP 10 12.27 -1.0
CRP 1.27 12 eP 10 12.81 -0.5
SLKM 1.32 68 P 10 12.30 -1.5
NCG 1.40 10 P 10 14.00 -0.9
SYI 1.43 174 eP 10 13.77 -1.3
SEW 1.62 86 P 10 15.70 -1.7
SVW 1.81 308 P 10 18.50 -1.3
S 10 42.10
PMS 1.96 50 P 10 20.80 -1.0
S 10 45.00
PWA 2.13 39 P 10 22.70 -1.2
KDC 2.29 177 P 10 23.20 -2.8
PLRM 2.34 47 P 10 25.60 -1.1
PMR 2.34 47 eP 10 24.49 -2.2
KNK 2.50 54 P 10 26.70 -2.1
GHO 2.54 45 P 10 27.40 -2.0
CUT 2.65 25 P 10 29.10 -1.7
SML 2.77 48 P 10 30.20 -2.3
HIN 3.11 81 P 10 33.00 -4.0
FID 3.16 74 eP 10 35.65 -2.1
SCM 3.18 53 eP 10 36.17 -1.8
VZW 3.20 69 P 10 35.60 -2.7
MID 3.27 98 P 10 38.00 -1.1
HUR 3.30 25 P 10 38.40 -1.2
TTA 3.32 333 P 10 37.50 -2.4
VLZ 3.32 68 P 10 37.00 -2.8
CVA 3.49 78 P 10 40.10 -2.0
TRF 3.62 17 P 10 42.00 -2.0
KLU 3.63 63 P 10 41.40 -2.7
KTH 3.63 13 P 10 43.30 -0.9
RND 3.85 27 P 10 45.40 -1.7
MCK 4.12 24 eP 10 49.36 -1.3
SDG 4.26 51 eP 10 51.64 -1.0
PAX 4.54 46 eP 10 56.90 0.3
GLB 4.58 68 P 10 54.20 -2.9
NEA 4.86 19 P 10 58.40 -2.5
WRH 4.95 24 P 10 59.50 -2.5
MLY 5.10 9 P 11 02.60 -1.6
HDA 5.14 29 P 11 02.30 -2.5
CCB 5.16 24 P 11 02.20 -2.8
BALM 5.21 74 P 11 03.50 -2.2
MDM 5.36 21 P 11 05.00 -2.8
FBA 5.39 23 P 11 05.70 -2.4
IL1 5.47 27 eP 11 06.47 -2.8
ILB 5.47 27 eP 11 06.51 -2.7
GLM 5.55 24 P 11 07.80 -2.6
CHX 5.80 85 P 11 12.10 -1.8
IM3 6.00 356 eP 11 14.25 -2.2
BCA3 6.03 55 eP 11 15.43 -1.6
BM3 8.23 22 eP 11 43.50 -3.5
74 obs. associated

% JUN 09, 1994 08h 19m 11.53± 0.86s
39.139 N ± 7.1km 27.575 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.78 198 ePg 19 26.60 -0.1
eSg 19 39.80
DST 0.94 60 iPn 19 29.60 0.1
EZN 1.19 306 ePn 19 34.00 0.4
EDC 1.23 10 ePn 19 34.00 -0.3
BNT 1.24 12 ePn 19 33.80 -0.8
KCT 1.26 28 iPn 19 35.80 0.8
S.D. = 0.7 on 6 of 6 obs.

JUN 09, 1994 08h 54m 28.28± 0.50s
4.899 S ± 5.2km 151.726 E ± 7.2km
DEPTH = 144.8 ± 4.9 km
5.1mb (14 obs.)
NEW BRITAIN REGION, P.N.G. (192)

RAB 0.83 32 iP 54 50.00 -1.4
iS 55 06.00
KVG 2.47 338 eP 55 10.90 1.7
PMG 6.37 225 eP 56 01.00 0.0
eS 56 48.00
CTA 16.01 199 iPc 58 11.00 4.3X
MTN 21.81 247 eP 59 10.00 0.2
0.3s 53.00nm 5.4mb
NOUC 22.17 142 iP 59 14.00 0.8
DZM 22.24 141 iPc 59 14.30 0.3
WB2 22.58 227 iPd 59 17.90 0.7
0.6s 86.70nm 5.3mb
iS 03 17.80
ASPA 25.37 221 eP 59 43.40 -0.3
0.8s 40.20nm 5.0mb
i 00 27.70
WARB 31.99 226 iPc 00 43.00 0.1
0.4s 8.00nm 4.9mb
MBL 34.91 240 eP 01 07.40 -0.6
0.5s 34.00nm 5.4mb
MEEK 38.29 232 iPc 01 36.20 -0.3
0.3s 28.00nm 5.5mb
NANU 39.14 240 iPd 01 43.30 -0.1
0.4s 7.00nm 4.8mb
TAPN 69.54 301 P 05 24.15 0.2
ODAN 69.67 301 P 05 24.75 0.0
0.6s 22.00nm 5.2mb
RAMN 70.37 301 P 05 28.95 -0.1
JIRN 70.92 301 P 05 32.43 0.0
GUN 71.26 301 P 05 34.39 0.0
0.7s 27.00nm 5.2mb
PKI 71.56 301 P 05 35.95 -0.3
KKN 71.73 301 P 05 37.11 0.0
DMN 71.83 301 P 05 38.05 0.3
0.7s 27.00nm 5.1mb
GKN 72.34 301 P 05 40.45 -0.1
0.8s 36.00nm 5.2mb
KOLN 73.16 301 P 05 45.25 -0.2
0.8s 29.00nm 5.1mb
DANN 73.18 301 P 05 45.25 -0.4
0.9s 26.00nm 5.0mb
PYUN 73.77 301 P 05 48.53 -0.5
0.8s 27.00nm 5.0mb
GEC2 123.57 328 PKP 13 10.30 0.1
0.6s 0.74nm
S.D. = 0.6 on 25 of 26 obs.

JUN 09, 1994 09h 03m 03.58± 0.63s
35.478 N ± 5.4km 3.830 W ± 6.5km
DEPTH = 27.5 ± 5.0 km
STRAIT OF GIBRALTAR (385)
mbLg 3.5 (MDD). MD 3.4 (RBA).

EMEL 0.74 104 iP 03 18.79 1.1
eS 03 29.90
TAF 1.34 119 ePg 03 19.00 -7.6X
i 03 23.00
iSg 03 30.00
EGUA 1.37 9 eP 03 25.61 -1.4
eS 03 44.80
EMAL 1.37 339 iP 03 25.34 -1.6
eS 03 41.40
ERON 1.54 1 eP 03 28.46 -1.1
eS 03 50.30
EJIF 1.65 307 eP 03 29.84 -1.2
eS 03 49.90
ELOJ 1.69 351 eP 03 30.78 -0.9
eS 03 53.20
PLAT 1.69 293 iP 03 33.50 1.8
ECOG 1.81 7 eP 03 34.13 0.7
eS 03 57.00
ALJ 1.87 310 iP 03 35.00 0.7
EPRU 1.87 323 eP 03 35.00 0.7
eS 03 56.30
LIJA 1.91 318 iP 03 39.00 4.1X
ENIJ 1.99 41 eP 03 35.24 -0.7
eS 04 00.70
CNIL 2.01 297 iP 03 40.00 3.7X
ELUQ 2.11 351 eP 03 38.61 0.9
eS 04 01.30
GIBL 2.18 309 eP 03 41.00 2.2
IFR 2.23 209 iPg 03 39.50 -0.1
i 03 45.00
iSg 04 06.00
EHUE 2.54 23 eP 03 45.25 1.4
eS 04 14.70
EHOR 2.60 334 eP 03 44.43 -0.3
eS 04 13.30
EBAN 2.68 1 eP 03 46.63 0.8
eS 04 16.10
EVIA 3.33 18 eP 03 56.29 1.2
eS 04 32.60
AVE 3.68 235 ePn 04 00.00 0.0
i 04 10.00
iSn 04 43.00
i 04 48.00
PAB 4.08 354 ePn 04 06.00 0.2
ePb 04 18.50
eSn 04 53.00
eSb 05 05.00
EPLA 4.91 339 eP 04 16.78 -0.7
eS 05 11.30
GUD 5.16 357 eP 04 20.07 -1.1
eS 05 18.80
TIO 5.37 213 iPn 04 22.80 -1.4
e 05 15.00
i 05 19.00
iSn 05 23.50
S.D. = 1.2 on 23 of 26 obs.

JUN 09, 1994 09h 54m 55.07± 0.80s
35.597 N ± 7.5km 3.751 W ± 8.8km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.2 (MDD).

EMEL 0.71 114 iPd 55 08.84 -0.3
eS 55 20.70
EGUA 1.24 7 eP 55 16.51 -1.7
eS 55 35.50
TAF 1.35 125 iPg 55 19.00 -0.9
iSg 55 30.00
i 55 33.50
i 55 35.00
ERON 1.42 358 eP 55 19.38 -1.6
eS 55 41.00
ELOJ 1.58 348 eP 55 24.60 1.3
eS 55 45.00
EJIF 1.63 302 eP 55 23.00 -0.9
ECOG 1.68 5 eP 55 26.00 1.2
eS 55 48.20
EPRU 1.82 319 eP 55 26.80 0.2
ENIJ 1.85 42 eP 55 29.00 1.8
IFR 2.37 209 iPg 55 35.50 0.8
iSg 55 56.00
S.D. = 1.4 on 10 of 10 obs.

? JUN 09, 1994 10h 33m 04.27± 7.51s
13.805 N ±16.2km 60.258 W ±68.6km
DEPTH = 33.0km (normal)
WINDWARD ISLANDS (95)

SLB 0.76 272 eP 33 18.54 -0.1
eS 33 27.90
MVM 0.97 320 iPc 33 21.50 -0.1
SVV 1.05 243 eP 33 23.09 0.4
eS 33 36.24
BIM 1.06 312 iPc 33 22.96 0.1
S 33 36.97
SVB 1.10 241 iP 33 23.12 -0.3
eS 33 36.39
S.D. = 0.4 on 5 of 5 obs.

? JUN 09, 1994 10h 52m 50.39± 4.51s
31.002 S ±29.7km 177.408 E ±57.5km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
NORTH OF NEW ZEALAND (176)

PUZ 7.09 175 eP 54 35.10 0.6
eS 55 50.00
MNG 9.72 189 eP 55 09.40 -1.6
KIW 10.05 191 P 55 17.10 1.6
MTW 10.25 188 P 55 17.20 -1.1
CAW 10.26 190 P 55 18.40 0.0
MRW 10.44 191 P 55 22.30 1.5
BLW 10.46 188 eP 55 20.50 -0.7
TCW 10.50 193 eP 55 22.10 0.5
MOW 10.54 189 eP 55 21.80 -0.5
KHZ 11.81 194 P 55 39.10 -0.3
WB2 40.18 275 iPd 00 25.40 0.0
0.6s 2.50nm 4.1mb
S.D. = 1.1 on 11 of 11 obs.

% JUN 09, 1994 10h 53m 22.79± 1.02s
42.265 N ± 7.5km 19.548 E ± 6.9km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.5 (TTG).

TTG 0.27 308 iPgc 53 28.80 0.3
iSg 53 33.10
ULC 0.37 217 iPgc 53 30.62 0.1
iSg 53 36.45
PVY 0.46 43 iPgc 53 32.04 -0.1
iSg 53 38.92
BDV 0.53 272 iPgd 53 33.38 -0.2
iSg 53 41.59
HCY 0.80 284 iPgc 53 38.13 -0.2
iSg 53 50.01
BRY 0.98 311 iPgc 53 41.44 0.0
iSg 53 55.91
S.D. = 0.3 on 6 of 6 obs.

% JUN 09, 1994 11h 02m 28.95± 1.05s
39.148 N ± 7.7km 27.704 E ±12.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.82 205 ePg 02 44.90 0.0
eSg 02 57.20
EDC 1.20 6 ePn 02 51.00 -0.4
KCT 1.21 24 iPn 02 51.70 0.2
BNT 1.22 8 ePn 02 51.70 0.1
EZN 1.26 303 ePn 02 52.50 0.1
S.D. = 0.3 on 5 of 5 obs.

% JUN 09, 1994 11h 29m 03.60± 0.87s
39.142 N ± 7.4km 27.576 E ± 8.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.78 198 ePg 29 18.70 -0.2
eSg 29 31.70
DST 0.94 60 ePg 29 22.00 0.5
eSg 29 36.00
EZN 1.18 306 ePn 29 26.00 0.3
EDC 1.22 10 ePn 29 26.00 -0.3
KCT 1.26 28 iPn 29 26.70 -0.3
S.D. = 0.5 on 5 of 5 obs.

JUN 09, 1994 11h 46m 41.44± 0.32s
4.181 S ± 5.1km 150.990 E ± 7.3km
DEPTH = 10.0km (geophysicist)
5.0mb (18 obs.) 4.7Msz (2 obs.)
NEW BRITAIN REGION, P.N.G. (192)

RAB 1.17 91 iPd 47 02.00 -1.3
iS 47 18.40
KVG 1.59 354 eP 47 08.50 -1.2
CTA 16.47 196 iPd 50 36.00 1.7
i 50 39.50
i 50 45.00
i 50 48.50
eS 53 13.00
i 54 15.00
SWI 19.98 279 ePc 51 22.50 5.5X
BKM 21.57 130 iPc 51 35.00 1.6
WB2 22.55 225 iPc 51 42.40 -0.8
0.5s 33.30nm 5.1mb
eS 55 56.30
DZM 23.25 141 iPc 51 49.90 -0.3
ASPA 25.44 219 iPc 52 10.20 -1.0
1.0s 23.20nm 4.8mb
i 52 20.60
i 52 41.40
eS 56 55.60
ARMA 26.11 179 eP 52 18.10 0.7
1.2s 61.00nm 5.2mb
STKA 28.93 197 eP 52 41.80 -1.1
2.1s 31.10nm 4.7mb
WARB 31.98 224 eP 53 09.00 -1.1
ADE 32.68 199 e(P) 53 15.10 -1.0
TOO 33.61 188 eP 53 22.20 -2.0
0.9s 21.00nm 5.1mb
PPR 35.00 293 ePd 53 35.00 -1.4
BAG 36.37 305 ePc 54 02.00 13.8X
TKSJ 41.19 338 P 54 28.60 0.7
MAT 42.24 345 eP 54 34.00 -2.5

09d 11h

```
       1.6s     33.33nm          4.8mb
              eS      01 00.00
YONJ   42.48 339 P     54 39.10    0.6
SSE    45.15 323 P     55 01.20    1.0
       1.8s     84.00nm          5.4mb
     Z  20s      0.90um          4.7Msz
              S       01 40.00
MRRJ   47.25 350 eP    55 16.40   -0.2
KUSJ   47.40 354 eP    55 17.30   -0.5
ASAJ   48.66 352 eP    55 28.10    0.5
BJI    54.39 327 eP    56 11.00    0.2
       2.0s     32.00nm          5.0mb
     Z  24s      0.97um          4.8MszX
     N  18s      0.78um
              eS      03 48.00
KMI    55.15 305 ePd   56 18.60    1.6
       1.2s     20.00nm          5.0mb
              pP      56 29.00   34kmX
CHTO   56.09 296 eP    56 24.30    0.7
LZH    59.54 316 Pc    56 48.50    0.7
       2.0s     83.00nm          5.5mb
              pP      57 00.00   39kmX
CSY    68.09 196 eP    57 45.80    2.6
       1.6s      3.10nm          4.2mb
SVW    76.96  24 ePc   58 36.86    1.1
       0.7s     33.20nm          5.5mb
TTA    77.86  22 iPc   58 41.37    0.6
       0.9s      8.78nm          4.8mb
SLKM   78.88  26 eP    58 46.28   -0.1
PMR    79.88  25 eP    58 51.63    0.0
       1.2s     11.63nm          4.7mb
IMA    80.48  20 eP    58 55.20    0.2
       1.6s     24.40nm          5.0mb
KLU    81.20  26 eP    58 59.07    0.3
TOA    81.36  25 eP    58 59.30   -0.3
       1.0s     34.80nm          5.4mb
FBA    81.99  22 eP    59 01.81   -0.9
       0.7s      1.37nm          4.2mb
BALM   82.59  27 eP    59 06.14    0.1
INK    88.53  21 eP    59 35.50    0.3
YKA    95.72  28 eP    00 09.10    0.5
       1.1s      1.40nm          4.3mb
     Z  19s      0.27um          4.7Msz
              LR      45 16.00
   S.D. = 1.1  on  36 of  38 obs.
-------------------------------------
% JUN 09, 1994  11h 59m 17.44± 1.05s
  39.112 N ± 8.6km   27.480 E ±17.5km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                         (366)
    ML 2.7 (ISK).

IZM     0.73 193 ePg   59 31.90    0.0
              eSg     59 44.70
DST     1.02  61 ePn   59 36.40   -0.3
EDC     1.27  13 ePn   59 41.00    0.0
BNT     1.29  15 ePn   59 40.70   -0.6
KCT     1.32  31 ePn   59 42.70    0.9
   S.D. = 0.8  on   5 of   5 obs.
-------------------------------------
  JUN 09, 1994  12h 22m 11.57± 1.40s
  60.138 N ± 6.0km    4.241 E ±11.0km
   DEPTH =   5.0km  (geophysicist)
 SOUTHERN NORWAY                (535)
    MD 2.2 (BER). ML 2.0 (NAO).

EGD     0.51  74 iPd   22 21.48   -0.3
       0.7s     51.10nm
              e       22 35.95
ASK     0.59  53 eP    22 23.34    0.0
       0.5s     55.20nm
              e       22 36.09
BER     0.60  65 eP    22 24.91    1.4
SUE     0.96  15 eP    22 30.43    0.2
KMY     1.06 151 eP    22 32.43    0.5
              eS      22 47.70
ODD1    1.22 100 eP    22 34.67   -0.1
              eS      22 49.39
BLS5    1.33 122 eP    22 36.64    0.0
              eS      22 54.71
HYA     1.41  42 eP    22 37.59   -0.3
       0.5s     33.40nm
              eS      22 57.48
FOO     1.52  15 iPc   22 39.42    0.1
              eS      23 01.20
NRA0    3.67  77 Pn    23 08.65   -1.5
              Pg      23 15.87
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                    Sn      23 50.97 .
                    Lg      24 08.92
     S.D. = 0.8  on  10 of  10 obs.
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* JUN 09, 1994  12h 52m 36.39± 0.67s
  11.104 S ±14.1km  112.485 E ±17.0km
  DEPTH =  33.0km  (normal)
  4.5mb (  5 obs.)
 SOUTH OF JAWA, INDONESIA       (282)

LEM     6.42 311 iPc   54 11.00   -0.3
NANU   11.76 166 iPc   55 23.80   -1.1
       0.4s     32.00nm          5.8mb X
              eS      57 29.00
MBL    12.24 146 eP    55 27.00   -4.3X
              iS      57 32.00
MEEK   16.50 160 eP    56 26.90   -0.1
              eS      59 19.50
WARB   20.09 140 eP    57 11.40    1.2
       0.4s      6.00nm          4.3mb
WB2    22.80 115 eP    57 36.10   -1.5
       0.4s      8.10nm          4.6mb
              i       57 38.30
              i       57 48.80
              eS      01 29.60
ASPA   23.91 124 iPd   57 49.50    1.1
       0.9s      9.00nm          4.3mb
              i       58 00.70
              eS      02 08.50
STKA   33.89 132 eP    59 18.80    0.4
       1.2s      8.80nm          4.6mb
KMI    37.24 345 eP    59 46.40   -0.7
       1.0s     10.00nm          4.6mb
              pP      59 58.60   45kmX
GBA    42.56 304 P     00 32.00    1.0
   S.D. = 1.1  on   9 of  10 obs.
-------------------------------------
% JUN 09, 1994  12h 54m 51.66± 1.00s
  40.003 N ± 6.1km   27.352 E ± 9.2km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                         (366)
    ML 2.9 (ISK).

EDC     0.52  49 iPg   55 02.00   -0.2
              eSg     55 11.00
BNT     0.56  51 iPg   55 02.70   -0.3
MFT     0.78 356 iPg   55 06.70   -0.3
              iSg     55 17.70
KCT     0.81  72 iPg   55 07.70    0.3
              iSg     55 21.70
DST     1.06 112 ePn   55 11.40   -0.3
CTT     1.41  35 iPn   55 18.00    0.7
IZM     1.60 183 ePn   55 20.20    0.0
   S.D. = 0.5  on   7 of   7 obs.
-------------------------------------
* JUN 09, 1994  13h 16m 27.83± 2.93s
  37.604 S ± 9.7km  179.863 W ±26.1km
  DEPTH =  10.0km  (geophysicist)
  3.7mb (  2 obs.)
 EAST OF NORTH ISLAND, N.Z.     (688)
    ML 4.0 (WEL).

HBZ     1.46 270 P     16 54.10   -0.1
PUZ     1.56 252 P     16 57.60    1.9
              S       17 13.30
TAZ     2.94 257 P     17 15.80    0.3
PATZ    3.16 255 P     17 19.40    0.7
TTH     3.24 232 P     17 22.00    2.4
HATZ    3.43 247 P     17 22.90    0.4
WAHZ    3.63 234 P     17 26.60    1.4
KUZ     3.63 282 P     17 23.40   -1.8
NGZ     3.89 245 P     17 29.30    0.1
MNG     4.71 229 P     17 40.30   -0.3
              S       18 29.80
WCZ     4.94 288 P     17 43.00   -0.8
AMW     5.02 221 P     17 44.70   -0.2
MTW     5.05 224 P     17 45.00   -0.4
KIW     5.20 230 P     17 46.70   -0.8
BLW     5.21 222 P     17 47.30   -0.3
CAW     5.26 227 P     17 47.00   -1.4
MOW     5.37 223 P     17 49.30   -0.6
MRW     5.55 228 P     17 50.60   -1.9
              S       18 49.40
OUZ     5.79 292 P     17 55.10   -0.6
ASPA   41.73 276 eP    24 19.60    0.9
       2.0s      5.70nm          4.0mb
WRA    43.37 281 P     24 33.20    1.1
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       0.7s      0.50nm          3.4mb
   S.D. = 1.2  on  21 of  21 obs.
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  JUN 09, 1994  14h 17m 08.55± 0.29s
  23.354 N ± 4.1km  121.615 E ± 6.7km
  DEPTH =  33.0km  (normal)
  4.7mb ( 17 obs.)
 TAIWAN                         (244)

BBP     2.92 174 ePd   17 54.50    0.8
              iS      17 58.00
PIP     5.09 191 iPd   18 25.00    0.4
CVP     5.62 178 ePc   18 34.00    1.9
HKC     6.95 263 iP    18 50.10   -0.5
              iS      20 01.30
BAG     6.98 188 eP    18 51.00   -0.3
SSE     7.72 357 Pn    19 01.50    0.1
     Z  20s      0.90um
              Sn      20 22.50
PPR    13.78 192 ePd   20 34.00   10.1X
BJI    17.26 346 eP    21 12.50    3.9X
       1.4s     24.00nm          4.1mb
     Z  16s      0.53um          3.6Msz
              eS      24 26.00
KMI    17.31 280 ePc   21 13.40    3.9X
       1.2s     20.00nm          4.1mb
              pP      21 26.80
MAT    19.44  44 eP    21 36.00    0.7
LZH    19.94 314 eP    21 42.00    1.2
       1.8s     77.00nm          4.7mb
              pP      21 50.00   31kmX
YAMJ   21.59  43 eP    21 57.90    0.4
CHTO   21.62 262 eP    21 58.80    0.8
       1.2s     21.53nm          4.4mb
OFUJ   23.16  43 eP    22 12.60   -0.4
WRA    44.79 163 P     25 20.10   -1.0
       0.7s      1.60nm          4.0mb
WB2    44.79 163 iPc   25 19.80   -1.3
       0.5s      3.20nm          4.5mb
ASPA   48.24 165 eP    25 47.50   -0.8
       0.4s      4.90nm          4.9mb
WARB   49.49 174 eP    25 57.00   -0.9
MAIO   54.58 299 iPc   26 37.00    0.8
IMA    66.77  26 eP    28 00.10    1.4
       1.1s      6.20nm          4.6mb
CP2    67.98  31 (P)   28 07.32    0.8
KAF    72.07 331 iP    28 30.20   -0.9
       0.6s      6.00nm          4.8mb
NUR    73.30 329 eP    28 37.80   -0.5
INK    73.84  22 eP    28 41.50    0.1
HFS    78.48 331 eP    29 06.60   -1.0
       0.7s     12.00nm          5.0mb
     Z  17s      0.12um          4.3MszX
              LR      00 58.00
NB2    79.14 332 P     29 10.10   -1.2
       0.8s      6.70nm          4.7mb
BRG    82.63 323 eP    29 29.80    0.0
PRU    82.71 322 eP    29 30.50    0.2
CLL    82.95 323 iP    29 31.30   -0.1
       1.1s     18.00nm          5.1mb
YKA    83.58  23 eP    29 33.70   -0.8
       0.8s      1.00nm          4.0mb
KHC    83.67 321 eP    29 34.00   -1.3
       1.2s      9.00nm          4.8mb
GEC2   83.73 321 P     29 35.40   -0.3
       0.8s      4.53nm          4.7mb
              e       29 38.60
              e       29 45.10
MOX    84.04 323 iPc   29 37.40    0.3
       1.3s     15.00nm          5.0mb
GRF    84.74 322 ePc   29 41.50    0.9
       1.0s     11.30nm          5.0mb
   S.D. = 0.9  on  31 of  34 obs.
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? JUN 09, 1994  14h 37m 47.46± 5.79s
  36.542 S ±61.0km   73.144 W ±27.6km
  DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE    (135)

LNV     2.94  29 ePd   38 33.57    0.6
CACH    3.19  41 eP+   38 36.73    0.1
CHCH    3.31  39 iP+   38 38.34    0.2
LCCH    3.32  23 iP    38 38.02   -0.3
PCH     3.63  37 iP+   38 42.78    0.0
SAN     3.69  34 eP    38 43.15   -0.5
PEL     3.95  32 iP+   38 47.63    0.4
ROCH    3.97  27 iP+   38 47.66   -0.1
```

FCH 3.97 37 eP+ 38 47.86 0.0
JACH 4.39 29 iP+ 38 53.20 -0.4
CCH 20.07 20 eP 42 20.00 -1.2
LPB 20.43 14 P 42 27.80 2.7
LPAZ 20.66 14 P 42 26.10 -1.6
S.D. = 1.1 on 13 of 13 obs.

& JUN 09, 1994 15h 35m 32.21s
63.308 N 149.898 W
DEPTH = 114.3km
CENTRAL ALASKA (1)
<AEIC>.

TRF 0.23 309 eP 35 47.92 1.0
eS 36 00.76
HUR 0.35 160 eP 35 48.46 -0.5
eS 36 00.79
RND 0.48 78 eP 35 49.43 -0.3
KTH 0.52 299 iP 35 49.64 -0.4
eS 36 03.06
MCK 0.61 45 eP 35 50.17 -0.4
BWN 0.89 12 iP 35 52.86 -0.1
CUT 0.92 191 iP 35 52.84 -0.4
DHY 1.17 100 eP 35 55.91 -0.1
NEA 1.32 16 iP 35 56.74 -0.9
WRH 1.42 34 iP 35 58.06 -0.6
GHO 1.61 163 iP 36 00.84 -0.2
CCB 1.63 34 iP 36 00.46 -0.7
PWA 1.66 180 P 36 01.70 0.1
HDA 1.71 48 eP 36 01.44 -0.8
eS 36 23.19
PLRM 1.76 168 eP 36 02.16 -0.6
PMR 1.76 168 ePd 36 01.63 -1.2
MLY 1.77 348 iP 36 02.15 -0.9
MDM 1.81 23 iP 36 02.83 -0.7
FBA 1.85 29 eP 36 02.61 -1.3
DDM 1.87 73 eP 36 04.98 0.7
SCM 1.90 140 eP 36 04.08 -0.6
IL1 1.98 41 iP 36 04.61 -1.0
ILB 1.98 41 iP 36 04.59 -1.0
eS 36 28.64
GLM 2.01 32 iP 36 05.32 -0.8
DJE 2.02 67 eP 36 05.37 -0.7
KNK 2.02 160 eP 36 05.40 -0.7
PAX 2.04 98 eP 36 06.27 -0.2
PMS 2.08 175 P 36 06.40 -0.5
TOA 2.10 123 P 36 06.90 -0.3
SDG 2.14 110 eP 36 07.36 -0.4
NCG 2.18 210 eP 36 07.16 -1.2
CGLM 2.24 207 eP 36 08.90 -0.1
CP2 2.33 209 eP 36 09.49 -0.8
CKN 2.35 208 eP 36 10.18 -0.2
SPU 2.36 206 eP 36 09.81 -0.8
BKG 2.50 207 eP 36 11.62 -0.9
KLU 2.60 133 eP 36 12.38 -1.4
DOT 2.64 80 eP 36 13.05 -1.2
NKA 2.65 194 eP 36 15.89 1.6
VLZ 2.75 141 eP 36 13.79 -1.8
eS 36 47.33
TTA 2.80 265 eP 36 14.74 -1.7
eS 36 43.28
SLKM 2.81 183 eP 36 15.60 -1.0
RDT 2.99 204 eP 36 18.99 0.0
FID 3.03 146 eP 36 18.33 -1.1
TMW 3.11 87 eP 36 19.25 -1.3
REF 3.12 206 eP 36 20.58 -0.3
IM3 3.16 330 eP 36 19.54 -1.6
RS2 3.16 207 eP 36 21.16 -0.2
RSO 3.16 207 eP 36 21.59 0.2
RED 3.20 206 eP 36 21.89 0.0
IMA 3.21 331 eP 36 20.35 -1.7
SEW 3.22 176 eP 36 20.71 -1.3
NNL 3.34 192 eP 36 23.97 0.3
CVA 3.39 143 eP 36 23.34 -1.0
GLB 3.40 121 P 36 23.37 -1.1
eS 37 02.72
SVW 3.47 233 eP 36 23.54 -1.9
BRLK 3.59 188 eP 36 25.85 -1.1
INE 3.59 206 eP 36 26.48 -0.7
BCA3 3.68 90 iP 36 26.83 -1.5
HOM 3.76 194 eP 36 28.90 -0.3
FYU 3.83 29 eP 36 28.88 -1.3
CNPM 3.85 190 eP 36 29.40 -1.1
PDB 4.09 212 eP 36 32.93 -0.8
BALM 4.21 119 eP 36 33.65 -1.9
MCNL 4.66 209 eP 36 40.64 -0.9
BM3 4.68 26 eP 36 40.04 -1.9

CDD 4.75 204 eP 36 41.24 -1.6
SYI 4.87 196 eP 36 42.99 -1.4
CHX 5.30 124 eP 36 49.73 -0.6
69 obs. associated

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* JUN 09, 1994 16h 04m 32.25± 1.18s
5.590 S ±17.8km 150.645 E ±21.5km
DEPTH = 69.1 ± 13.8 km
4.6mb (4 obs.)
NEW BRITAIN REGION, P.N.G. (192)

RAB 2.05 48 iP 05 05.20 0.0
KVG 2.99 3 eP 05 25.50 7.3X
YYYY 4.70 262 eP 05 54.00 11.6X
PMG 5.13 222 eP 05 48.50 0.2
eS 06 50.00
WB2 21.32 227 iPc 09 15.10 -0.4
0.4s 14.70nm 4.7mb
eS 13 00.40
ASPA 24.15 220 iPd 09 43.50 0.4
0.8s 18.60nm 4.6mb
i 09 52.20
STKA 27.49 197 eP 10 10.90 -3.2X
3.1s 21.90nm 4.2mb X
BJI 55.39 328 eP 14 01.00 -0.6
1.0s 6.00nm 4.6mb
SPA 84.44 180 iPc 16 57.70 -0.7
0.8s 1.67nm 4.1mb
GEC2 123.58 327 PKP 23 24.80 1.2
0.5s 1.05nm
e 23 39.00
LPB 135.83 121 PKP 23 43.00 -5.3X
LPAZ 135.91 120 PKP 23 42.40 -6.3X
S.D. = 0.9 on 7 of 12 obs.

JUN 09, 1994 16h 22m 22.09± 0.12s
13.259 N ± 2.3km 124.281 E ± 2.6km
DEPTH = 75.9km (geophysicist)
5.8mb (98 obs.)
LUZON, PHILIPPINE ISLANDS (249)
Mw 6.2 (HRV). Felt (VI RF) in
Cantanduanes and the Bicol
Peninsula area, (V RF) at
Legaspi and (II RF) at Bulusan.
Also felt (IV RF) at Ginagasan,
Northern Samar, (III RF) on
Masbate and (II RF) at Tacloban,
Leyte. Depth from broadband
displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=180 Dip=72 Slip=-165
NP2: 85 76 -19
Principal Axes:
T Plg= 3 Azm=133
P 23 42
Comment: The focal mechanism is
moderately well controlled
and corresponds to strike-
slip faulting with a moderate
normal component. The
preferred fault plane is not
determined.
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 2.9±0.8*10**13 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, 81C
Centroid Location:
Origin Time 16:22:26.8 0.2
Lat 13.31N 0.03 Lon 124.48E 0.03
Dep 70.7 2.2 Half-duration 2.7
Moment Tensor; Scale 10**18 Nm
Mrr=-0.39 0.04 Mtt=-0.26 0.06
Mff= 0.65 0.07 Mrt=-0.93 0.04
Mrf= 0.63 0.04 Mtf= 1.46 0.05
Principal Axes:
T Val= 1.73 Plg= 1 Azm=127
N 0.36 56 219
P -2.09 34 36
Best Double Couple:Mo=1.9*10**18
NP1:Strike=177 Dip=66 Slip=-156
NP2: 76 68 -26

GQP 1.90 290 iPc 22 55.50 2.5
PLP 2.19 162 iPd 23 00.70 3.6X
MAP 2.93 186 iPc 23 10.00 2.6
PGP 3.25 275 iPc 23 13.00 1.2
iS 23 50.00
TGY 3.36 285 iPc 23 15.00 1.6
eS 23 37.00
QCP 3.40 294 iPc 23 04.00 -9.8X
BAG 4.76 312 iPc+ 23 31.00 -2.1
CGP 4.79 175 iPc 23 36.00 2.6
CVP 5.02 332 iPd 23 36.50 0.0
iS 24 15.00
BIP 5.36 159 eP 23 42.00 0.6
eS 24 40.00
SZP 5.64 320 iPc 23 44.00 -1.2
PIP 6.15 325 iPc 23 52.00 -0.3
iS 25 01.00
DAV 6.26 168 ePc 23 56.00 2.1
1.0s 2160.00nm 6.5mb
PPR 6.45 238 iPd 23 59.00 2.6
iS 25 07.00
BBP 7.48 343 iPc 24 08.00 -2.6
KKM 10.70 229 ePc 24 57.00 2.2
TSM 10.93 216 ePd 25 01.70 4.0X
TATO 11.95 348 P 25 13.30 2.0
HKC 13.17 314 iP 25 28.60 1.2
iS 27 31.00
QIZ 15.01 294 iPc 25 51.64 0.3
SWI 15.64 153 ePd 26 02.00 2.5
SSE 17.98 351 iPd 26 28.64 0.2
1.0s 47.00nm 4.7mb X
Z 20s 6.50um 5.8Msz
N 12s 2.40um
E 12s 4.40um
KAGJ 18.85 18 P 26 39.80 0.9
GUMO 20.03 87 iPd 26 52.85 1.4
1.3s 1605.40nm 6.2mb
PJG 20.03 87 eP 26 52.60 1.1
TT 42 39.50
GUA 20.08 87 eP 26 53.30 1.3
1.0s 1016.00nm 6.1mb
e 26 56.70
KUMJ 20.10 16 P 26 52.90 0.7
SHNJ 21.68 15 P 27 08.50 0.4
ENH 21.76 323 iPc 27 09.35 0.4
LOE 22.13 284 eP 27 11.00 -1.7
TKSJ 22.46 22 P 27 17.00 1.2
SHK 22.51 18 iPd 27 16.70 0.4
1.8s 1072.73nm 6.0mb
WKYJ 23.26 24 P 27 25.10 1.5
YONJ 23.36 19 P 27 26.00 1.5
KMI 23.48 303 iPc 27 27.48 1.4
0.6s 170.00nm 5.7mb
Z 16s 7.10um 5.2MszX
N 10s 3.40um
E 10s 4.10um
S 31 34.00
sS 32 10.00
NST 23.50 279 eP 27 25.00 -1.0
KGM 23.56 243 ePc 27 27.80 1.2
e 27 50.00
NNT 23.93 271 iPd 27 28.80 -1.5
SNG 24.05 258 eP 27 30.60 -0.8
eS 31 48.00
IPM 24.52 252 ePc 27 36.20 0.2
0.9s 199.90nm 5.5mb
KLM 24.55 248 eP 27 36.00 -0.2
TSRJ 24.57 23 P 27 36.50 0.3
BDT 24.70 282 iPd 27 37.00 -0.6
1.5s 480.40nm 5.7mb
XAN 24.95 329 eP 27 40.08 0.1
CHTO 24.96 286 iPc 27 38.74 -1.3
IIDJ 25.31 27 P 27 42.60 -0.7
WWKK 25.50 130 e(P) 27 35.00 -10.2X
LEM 25.93 221 iPd 27 51.00 1.7
MTMJ 26.21 25 P 27 50.30 -1.3
CHJJ 26.27 28 P 27 50.30 -1.8
MAJO 26.34 26 iPd 27 50.79 -1.9
1.3s 214.53nm 5.5mb
MAT 26.34 26 iPd 27 50.50 -2.2
2.2s 630.77nm 5.8mb
eS 32 38.00
MTN 26.81 165 eP 27 55.50 -1.7
0.4s 263.00nm 6.1mb
KAKJ 26.95 29 eP 27 54.60 -3.6X
NIIJ 27.27 26 eP 27 57.80 -3.3X
BJI 27.61 346 Pd 28 04.00 -0.3
1.6s 336.00nm 5.7mb
Z 18s 2.66um 4.9Msz
N 10s 2.23um

09d 16h

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                 epP   28 21.00  73kmX
                 esP   28 34.00
                 eS    32 39.00
                 esS   33 10.00
                 eSS   34 05.00
YAMJ     28.50  27 eP    28 11.00  -1.2
LZH      29.23 325 ePc   28 19.47   0.4
         2.0s   458.00nm        5.8mb
     Z  32s    14.94um         5.4MszX
                 ed    28 38.67
                 eS    32 58.00
OFUJ     29.97  28 eP    28 24.10  -1.3
VLA      30.47  11 iPc   28 31.00   1.3
         1.5s  1143.00nm        6.4mb
     E  12s     1.50um
                 ipP   28 53.00  97kmX
                 isP   29 00.00
                 i     29 33.00
                 iPPP  29 48.00
                 iS    33 27.00
                 isS   33 56.00
AOMJ     30.64  24 eP    28 31.30   0.0
MDJ      31.58   7 iPd   28 39.71   0.2
                 epPd  28 58.17  79kmX
PMG      31.99 134 ePc   28 41.83  -1.5
         1.0s   240.00nm        6.0mb
                 epP   28 58.63  70kmX
MRRJ     32.50  23 eP    28 46.40  -1.1
RAB      32.67 120 eP    28 49.50   0.2
SAP      33.14  23 eP    28 52.00  -1.1
HOOJ     33.37  26 P     28 55.30   0.2
WRAB     34.44 163 ePc   29 02.46  -2.1
WB2      34.45 163 iPd   29 02.40  -2.2
         0.5s   268.90nm        6.4mb
                 eS    34 18.50
MBL      34.48 187 iPc   29 02.50  -2.4
ASAJ     34.54  24 P     29 05.10  -0.1
KUSJ     34.56  27 P     29 05.70   0.3
LSA      34.74 303 iPc   29 07.98   0.4
                 (pP)  29 26.52  78kmX
                 esPc  29 36.54
HIA      36.10 355 iPd   29 18.23  -0.1
                 epPd  29 36.03  72kmX
NANU     36.62 194 iPd   29 22.20  -0.7
TAPN     36.90 298 Pc    29 25.41  -0.3
         0.6s   184.00nm        6.2mb
YSS      37.04  21 iPd   29 25.85  -0.3
         1.5s   280.00nm        6.0mb
     Z  19s     3.40um          5.2Msz
     N  19s     3.60um
     E  19s     3.00um
                 epPd  29 44.39  76kmX
ODAN     37.05 297 Pc    29 26.55  -0.4
         0.6s  1073.00nm        6.9mb X
RAMN     37.76 297 Pc    29 32.61  -0.3
         0.6s   565.00nm        6.7mb
ASPA     37.89 166 iPc   29 32.80  -0.8
         0.5s   925.80nm        7.0mb X
                 iPcP  31 24.20
                 iScP  35 14.40
                 eS    35 48.50
JIRN     38.28 298 Pc    29 37.13  -0.3
         0.6s   577.00nm        6.7mb
GUN      38.61 298 Pc    29 39.85  -0.3
         0.7s   592.00nm        6.6mb
PKI      38.93 298 Pc    29 41.93  -0.9
         0.6s   255.00nm        6.3mb
KKN      39.10 298 Pc    29 43.27  -0.8
         0.1s   247.00nm        7.1mb X
DMN      39.20 298 Pc    29 44.11  -0.9
         0.6s   202.00nm        6.2mb
WARB     39.27 177 iPc   29 44.20  -0.9
         0.6s   162.00nm        6.1mb
CTA      39.57 146 iPc+  29 48.00   0.3
         1.3s   692.31nm        6.4mb
                 i     30 04.00
                 i     30 08.00
                 e(PP) 31 19.00
                 e     31 47.00
                 eS    35 41.00
                 e(SS) 38 45.00
                 i     39 40.00
CTAO     39.57 146 iPc   29 47.68   0.0
CIT      39.59 350 eP    29 48.00   0.5
     Z  18s     4.90um          5.4Msz
                 e     31 20.00
                 e     31 58.00
                 eS    35 44.00
GKN      39.70 298 Pc    29 47.95  -1.0
         0.7s   242.00nm        6.2mb
MEEK     40.04 188 iPc   29 49.00  -2.5
DANN     40.53 298 Pc    29 55.35  -0.6
         0.6s   357.00nm        6.4mb
KOLN     40.54 297 Pc    29 55.35  -0.6
         0.9s   533.00nm        6.4mb
ZAK      40.80 339 iPd   29 57.00  -0.4
         1.4s   104.00nm        5.5mb
                 e     30 18.00
                 e     32 00.00
                 eS    36 00.00
PYUN     41.14 298 Pc    30 00.57  -0.2
         0.8s   550.00nm        6.4mb
IRK      42.09 342 eP    30 08.00   0.0
         2.8s   313.00nm        5.6mb
     Z  24s     3.10um          5.1MszX
     N  20s     2.81um
     E  16s     2.11um
                 e     30 26.00
                 e     30 35.10
                 eS    36 14.00
                 e     39 20.00
WMQ      43.68 321 iPc   30 22.43   1.2
                 (pP)  30 41.30  77kmX
                 esPc  30 48.59
WOOL     44.17 183 iPd   30 22.80  -2.3
                 e     30 46.20
                 eS    36 46.10
HYB      44.22 281 iPc   30 25.80   0.0
         0.7s   162.80nm        6.0mb
                 eS    36 54.00
BOD      45.16 352 eP    30 32.80   0.1
         1.7s   206.00nm        5.7mb
GBA      45.51 276 P     30 36.00   0.0
NDI      46.24 297 iP    30 40.00  -1.7
                 eS    37 18.00
STKA     47.85 160 iPc   30 53.60  -0.6
         0.9s   328.90nm        6.3mb
                 eS    37 40.00
RKG      48.06 188 iPd   30 54.90  -0.9
         1.0s   181.00nm        6.0mb
PET      48.15  27 iPd   30 57.00   0.7
         1.5s   600.00nm        6.3mb
                 epP   31 17.00  81kmX
                 esP   31 24.00
                 e     32 19.00
                 e     32 52.00
                 eS    37 50.00
                 esS   38 24.00
POO      48.66 283 iPc   31 04.00   3.2X
         0.5s    77.46nm        6.0mb
                 iS    38 30.00
YAK      48.84   3 iPd   31 00.99  -0.4
         1.3s   439.00nm        6.3mb
                 ipPd  31 19.61  75kmX
                 iS    37 51.00
                 ePS   38 10.00
                 e     40 39.00
ADE      49.88 164 iPc   31 09.50  -0.3
MA2      50.23  17 iPd   31 11.92  -0.3
                 epPd  31 30.95  76kmX
                 (sP)  31 37.74
AAA      50.38 316 iP    31 14.00   0.3
                 iS    38 24.00
ARMA     50.78 149 iPc   31 16.70  -0.2
         0.7s   128.00nm        6.1mb
                 epP   31 38.00  87kmX
                 eS    38 14.40
FRU      51.83 315 iPc   31 25.20   0.6
         3.0s   970.00nm        6.3mb
                 e     31 45.00
                 (S)   38 43.00
                 e     39 20.00
                 e     41 06.00
BWA      52.68 155 iPc   31 31.90   0.9
                 ipP   31 55.30  96kmX
BKM      53.17 124 iPd   31 35.00   0.2
RIV      53.37 152 eP    31 35.30  -0.6
                 eS    39 04.00
CAN      53.69 155 iPc   31 38.10  -0.3
                 ipP   32 01.10  94kmX
CNB      53.84 155 iPc   31 39.30  -0.2
         1.1s   297.00nm        6.2mb
                 ipP   32 02.70  95kmX
NOUC     54.16 130 iPc   31 41.70  -0.3
DZM      54.24 130 iPc   31 43.00   0.2
TOO      54.35 159 iPc   31 42.70  -0.5
         1.0s   417.00nm        6.4mb
                 epP   32 04.50  88kmX
                 eS    38 23.00
SMY      55.74  34 eP    31 53.70   0.6
         1.1s   319.90nm        6.3mb
ADK      60.70  38 iPd   32 27.07  -0.6
         1.6s   411.30nm        6.3mb
                 epPd  32 45.86  72kmX
MAIO     62.00 304 iPc   32 36.40  -0.6
         0.9s    40.49nm        5.5mb
                 eS    40 59.00
ASH      63.03 306 Pc    32 44.50   0.9
     Z  16s     2.84um          5.5MszX
                 i     33 05.00
                 e     33 15.00
                 S     41 11.00
                 PS    41 35.00
                 i     41 49.00
                 e     42 32.00
                 eSSS  48 07.00
SVE      64.65 327 iPd   32 54.00   0.2
         1.9s   200.00nm        5.7mb
     Z  15s     2.10um          5.5MszX
     N  15s     1.00um
     E  15s     1.50um
                 i     33 14.00
                 iS    41 26.00
                 ePS   42 00.00
KAT      64.74 307 iPc   32 55.50   0.8
                 ipP   33 16.00  79kmX
                 iS    41 30.00
                 ePS   41 46.00
                 e     42 36.50
                 eSS   45 37.00
ILT      65.70  20 iPd   32 59.80  -0.5
                 i     33 20.20
                 isP   33 36.00
                 e     35 24.00
                 iS    41 38.00
                 e     42 48.00
BAK      69.68 308 iPc   33 28.00   2.3
                 iS    42 30.00
ANM      69.70  26 eP    33 26.00   0.6
MSZ      69.94 148 eP    33 27.40   0.3
         0.8s   142.00nm        5.9mb
DHR      70.17 293 ePc   33 30.00   1.1
                 eS    42 30.00
DIW      70.71 142 P     33 31.10  -0.8
THZ      70.71 144 P     33 31.00  -1.0
         0.8s    30.00nm        5.3mb
SDN      70.80  36 eP    33 31.10  -1.1
         0.9s   101.70nm        5.7mb
BWZ      70.86 147 P     33 32.10  -0.6
         1.0s   225.00nm        6.0mb
                 e     33 53.50
LTZ      71.00 145 P     33 32.70  -1.0
         1.0s   199.00nm        6.0mb
                 e     33 53.40
TCW      71.18 142 P     33 34.00  -0.7
KIW      71.34 142 P     33 34.80  -0.9
                 e     33 55.40
MRW      71.44 142 P     33 34.70  -1.6
MAK      71.49 311 iP+   33 38.00   1.4
     Z  14s     1.50um          5.4MszX
     N  14s     1.00um
     E  14s     0.90um
                 e     34 07.00
                 iS    42 50.00
                 ePS   43 28.00
                 eSSS  50 38.00
KHZ      71.49 144 P     33 35.60  -1.0
         1.0s   133.00nm        5.8mb
MNG      71.54 141 P     33 35.90  -1.0
                 e     34 00.00
CAW      71.59 142 P     33 36.00  -1.2
ODZ      71.60 147 P     33 36.60  -0.6
         1.4s    58.00nm        5.3mb
MTW      71.88 142 P     33 37.40  -1.5
MOW      71.89 142 P     33 38.20  -0.8
BLW      71.99 142 eP    33 38.40  -1.2
AMW      72.12 142 P     33 39.90  -0.5
TAB      72.52 306 iP+   33 44.00   0.9
                 i     34 06.00
GRO      72.76 312 iPc+  33 46.00   1.8
         2.0s   240.00nm        5.8mb
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        Z  16s      1.50um            5.4MszX
        N  18s      3.50um
        E  20s      2.00um
                  i      34 06.00
                  ipP    34 16.00 119kmX
                  i      36 22.00
                  iS     43 04.00
                  isS    43 46.00
MTA        73.49 310 iPc    33 48.60   0.2
           1.0s     40.00nm        5.3mb
        N  21s      0.50um
        E  21s      1.00um
                  i      34 10.60
                  e      36 30.00
                  eS     43 11.60
                  e      43 39.00
                  ePPS   43 52.00
                  eSS    47 52.00
TTA        73.61  28 ePd    33 49.60   0.8
           1.3s    126.20nm        5.7mb
GNI        73.65 308 iPc    33 51.31   1.7
                  ePcP   33 59.75
                  epP    34 13.16  83kmX
SVW        73.71  30 ePd    33 50.50   1.1
           1.2s     83.10nm        5.5mb
OPA        73.95  71 P      33 52.50   1.1
BRW        73.99  19 P      33 51.50   0.7
                  pP     34 12.30  78kmX
HON        74.01  71 P      34 00.00   8.3X
        Z  20s      0.97um         5.1Msz
DHH        74.20  71 P      33 54.10   1.2
MJMA       74.55 293 ePc    33 54.79  -0.2
PYA        74.63 312 iPc+   33 55.00  -0.1
           1.5s    130.00nm        5.6mb
        Z  16s      1.50um         5.4MszX
                  ipP    34 16.00  79kmX
                  i      36 40.00
                  iPPP   38 34.00
                  iS     43 20.00
                  isS    43 58.00
IMA        74.75  25 iPc    33 56.40   1.0
           1.8s    350.70nm        6.0mb
AUP        74.78  32 P      33 55.10  -0.5
KIV        74.90 312 iPc    33 56.90   0.2
                  e      34 16.90
                  e      36 46.80
                  eS     43 26.00
                  e      43 54.80
KDC        75.29  33 ePd    33 58.70   0.3
           1.3s    237.70nm        6.0mb
CP2        75.35  30 P      33 59.00   0.0
                  pP     34 20.00  79kmX
KMSA       76.06 288 iPc    34 02.60  -1.0
QASM       76.09 294 ePc    34 03.60  -0.1
SLKM       76.36  31 P      34 03.40  -1.1
                  pP     34 24.10  77kmX
PMR        76.83  29 P      34 20.00  13.0X
        Z  20s      0.67um         4.9Msz
PMR        76.83  29 ePd    34 06.80  -0.2
           1.1s     88.80nm        5.6mb
        Z  20s      1.10um         5.2Msz
SOC        77.08 312 iPc+   34 08.50  -0.3
        Z  15s      1.00um         5.3MszX
        N  15s      0.50um
        E  15s      1.30um
                  e      34 30.00
                  e      37 09.00
                  ePPP   38 57.00
                  eS     43 48.00
                  ePS    44 18.00
COL        77.22  26 iPd    34 08.77  -0.4
                  epPd   34 29.30  77kmX
FBA        77.22  26 iPc    34 08.90  -0.3
           1.4s    129.00nm        5.7mb
MOS        77.29 325 eP     34 09.00  -0.7
           2.0s    320.00nm        5.9mb
        Z  18s      1.50um         5.4Msz
                  e      34 26.00
                  ipP    34 31.00  83kmX
                  eS     43 48.00
                  esS    44 27.00
LVZ        77.68 337 eP     34 11.60  -0.1
                  e      34 31.90
                  eS     43 52.60
                  e      44 20.00
OBN        77.93 324 iPd    34 12.80  -0.4
           1.3s    107.00nm        5.6mb
        Z  18s      2.20um         5.5Msz
        N  18s      1.30um
        E  18s      1.30um
                  i      34 19.00
                  ipP    34 33.70  78kmX
                  isP    34 43.00
                  iS     43 56.00
                  e      44 17.00
                  iSP    44 52.00
                  iPS    45 00.00
                  iSS    49 00.00
ABHA       78.04 286 ePc    34 16.50   1.6
TOA        78.19  29 ePd    34 15.60   1.0
           1.9s    825.60nm        6.3mb
KLU        78.37  29 P      34 15.50  -0.2
                  pP     34 37.50  83kmX
ANN        78.65 314 eP     34 16.00  -1.4
           1.7s    140.00nm        5.6mb
                  e      34 38.00
                  eS     44 03.00
                  ePPS   45 05.00
TAIF       79.73 290 iPc    34 12.60 -11.3X
GAZ        79.81 306 eP     34 24.50   0.6
CSY        79.98 186 iPd    34 26.60   2.6
           0.6s     42.70nm        5.5mb
BALM       80.14  30 P      34 25.40   0.1
                  pP     34 47.30  82kmX
PUL        80.65 329 eP     34 27.00  -0.8
           1.8s    130.00nm        5.6mb
        Z  19s      2.00um         5.5Msz
        E  19s      1.80um
                  ipP    34 50.00  87kmX
                  e      37 40.00
                  iS     44 25.00
                  e      45 16.00
                  e      45 50.00
SDF        80.87 337 iP     34 28.80  -0.1
SIM        80.88 314 eP     34 30.00   0.6
        Z  24s      2.40um         5.5MszX
                  i      34 51.00
                  eS     44 30.00
BHL        81.61 303 P      34 37.00   3.5X
                  S      44 37.00
KAF        82.09 332 iP     34 34.70  -0.6
           0.7s     19.40nm        5.1mb
INK        82.24  22 ePd    34 36.50   0.5
           1.0s     33.00nm        5.2mb
MBC        83.23  12 ePd    34 41.40   0.4
           1.0s     31.00nm        5.2mb
NUR        83.25 331 iP     34 41.40   0.1
           0.8s     25.80nm        5.2mb
                  i      35 02.00
                  eS     44 53.00
CSS        83.30 304 eP     34 43.00   0.9
MNK        83.32 324 eP     34 40.00  -1.8
        Z  26s      2.70um         5.5MszX
                  eS     44 46.00
                  eSS    50 18.00
AAE        83.64 278 P      34 46.50   1.9
KIS        84.07 317 iPc+   34 45.00  -0.7
        Z  20s      2.20um         5.5Msz
                  e      35 06.00
                  e      38 08.00
                  iS     44 59.00
PPCY       84.10 304 eP     34 47.00   0.8
SIT        84.56  33 P      34 49.30   1.4
           1.2s    275.78nm        6.2mb
        Z  20s      0.61um         5.0Msz
                  pP     35 11.20  81kmX
EYL        84.59 310 eP     34 45.00  -3.7X
HRT        84.90 311 eP     34 49.00  -1.1
CFR        84.97 315 eP     34 50.00  -0.3
KHL        85.57 308 eP     34 52.00  -1.6
ELL        85.63 307 eP     34 54.00   0.0
PTT        85.74 317 eP     34 55.00   0.9
VRI        85.78 316 iPd    34 53.00  -1.4
KCT        86.00 310 iP     34 54.60  -1.0
HLW        86.01 300 eP     34 56.80   1.0
                  e      45 16.00
                  e      46 00.00
ISR        86.09 315 eP     34 58.00   2.0
EDC        86.34 310 eP     34 56.00  -1.2
MLR        86.41 316 eP     34 57.00  -0.6
BUC        86.58 315 eP     35 00.00   1.7
BUC1       86.65 315 eP     34 58.00  -0.6
UPP        86.79 331 iP     34 58.40  -0.6
                  i      35 20.70
                  iS     45 27.00
CMP        87.08 316 ePc    35 04.00   3.2X
ALN        87.54 311 eP     35 02.00  -1.0
DAG        87.56 352 iPc    35 01.30  -1.1
           1.2s     56.25nm        5.6mb
        Z  18s      0.82um         5.2Msz
NAI        87.83 268 iPKP+  35 06.00   0.8
        Z  24s      0.66um         5.0MszX
                  iPKKP  45 28.00
                  iPKKP  45 48.00
                  iPPS   46 16.00
                  iSS    59 26.00
UZH        87.91 320 iPc    35 06.50   1.9
           0.8s     75.00nm        5.9mb
                  ipP    35 27.00  74kmX
                  e      35 39.50
                  iS     45 38.00
HFS        88.51 332 eP     35 05.40  -1.9
           0.8s     19.10nm        5.3mb
        Z  19s      1.45um         5.4Msz
                  LR     09 49.00
RES        88.90  10 ePd    35 09.30   0.4
           0.9s     18.00nm        5.3mb
SPC        89.02 320 eP     35 10.10  -0.1
NB2        89.23 333 P      35 09.10  -1.6
           1.1s     47.30nm        5.6mb
SOH        89.52 312 eP     35 11.40  -1.1
PAIG       89.55 311 iP     35 11.26  -1.3
KNT        89.75 312 eP     35 12.36  -1.2
OKC        90.09 322 P      35 15.00   0.1
                  e      35 36.90
                  e      46 00.00
GRG        90.17 312 eP     35 14.20  -1.3
LIT        90.37 311 eP     35 15.36  -1.0
ZST        91.32 320 iP     35 21.10   0.5
                  e      35 27.50
                  ipP    35 43.90  83kmX
VKA        91.78 321 eP     35 22.00  -0.7
           2.5s    317.00nm        6.3mb
                  i      35 45.60
IGT        92.12 311 eP     35 22.96  -1.5
BRG        92.18 324 eP     35 24.70   0.2
           2.2s     40.00nm        5.5mb
        N  23s      2.20um
        E  23s      2.10um
                  e      35 32.80
                  eSKS   46 16.00
PRU        92.19 323 eP     35 25.10   0.5
           2.5s    162.00nm        6.0mb
        Z  22s      1.70um         5.4Msz
        N  23s      1.40um
        E  17s      1.50um
                  e      35 32.20
                  pP     35 46.60  78kmX
                  ePP    39 06.70
                  ePS    47 54.00
CLL        92.54 324 eP     35 25.00  -1.1
           2.0s     58.00nm        5.7mb
                  ipP    35 48.00  84kmX
                  eS     46 22.00
                  sS     46 59.00
PTJ        92.90 318 iP     35 28.40   0.4
ZAG        92.91 318 eP     35 28.00   0.1
KHC        93.11 322 eP     35 29.50   0.6
           1.5s     26.50nm        5.4mb
        Z  20s      1.30um         5.4Msz
        N  20s      0.60um
        E  16s      0.50um
                  e      35 49.50
                  e      35 57.00
                  e      36 30.00
                  e      38 53.50
                  e      39 40.60
                  S      46 30.00
GEC2       93.15 322 P      35 29.10  -0.1
           0.8s      2.48nm        4.7mb X
                  e      35 38.70
                  e      35 50.00
                  e      35 54.70
                  e      36 09.00
                  PP     39 41.30
KMR        93.21 321 iP+    35 30.50   1.2
MOX        93.62 324 iPc    35 31.30   0.1
           1.8s     41.00nm        5.6mb
        Z  22s      1.60um         5.4Msz
LJU        93.76 319 eP     35 32.40   0.5
                  ePP    35 54.50
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09d  16h

                 ePP   39 23.00
                 e     39 47.00
                 eSKS  46 00.00
                 eS    46 30.00
                 eSS   47 10.00
                 eSS   52 56.00
KBA     94.10 320 iPd   35 33.10  -0.5
     1.1s     31.00nm          5.6mb
                 i     35 40.90
                 i     35 57.40
                 i     39 08.30
                 i     39 28.90
VOY     94.18 319 ePc   35 33.80  -0.1
                 ePP   35 55.50
GRF     94.27 323 ePc   35 34.40   0.2
     2.0s     45.80nm          5.6mb
   Z  27s      2.90um          5.6MszX
                 e     35 41.70
                 epP   35 56.70  81kmX
                 esP   36 02.50
                 ePP   39 23.60
                 (pPP) 39 50.80
TRI     94.39 319 eP    35 36.00   1.3
                 e     39 24.00
                 e     48 20.00
MCW     94.61  38 P     35 36.60   0.8
                 pP    35 57.80  77kmX
FUR     94.90 322 eP    35 37.90   0.8
                 e     35 45.00
                 e     35 59.60
WTTA    95.08 321 iPd   35 37.70  -0.5
     1.3s     56.50nm          5.8mb
                 i     35 46.30
                 i     35 59.80
                 i     39 17.80
                 i     39 31.60
WATA    95.08 321 iPc   35 37.70  -0.4
                 i     36 00.00
GMW     95.13  39 P     35 39.50   1.3
                 pP    36 01.90  82kmX
BMW     95.32  40 P     35 40.10   1.0
                 pP    36 02.20  80kmX
SQTA    95.36 321 iPd   35 38.90  -0.5
     1.1s     22.20nm          5.5mb
                 i     36 01.10
MOTA    95.37 321 iPc   35 39.10  -0.4
                 i     36 01.10
OGA     95.62 321 iPc   35 41.00   0.3
RMW     95.76  39 P     35 42.40   1.2
                 pP    36 03.20  75kmX
SHW     96.06  40 P     35 44.30   1.7
LON     96.08  39 P     35 42.90   0.3
                 pP    36 05.30  82kmX
CDF     97.16 323 eP    35 47.30  -0.2
     1.1s     10.25nm          5.3mb
WLF     97.18 325 P     35 46.00  -1.4
                 e     36 09.00
VGB     97.28  40 P     35 48.70   0.7
YBH     97.69  44 eP    35 51.56   1.6
     1.7s    110.00nm          6.1mb
   Z  20s      0.90um          5.3Msz
                 ePP   36 20.62
                 eSKS  46 18.62
                 eSP   48 29.62
                 eSS   54 09.62
                 eLQ   03 14.62
                 eLR   06 51.62
DPW     97.72  37 P     35 50.50   0.5
                 pP    36 13.10  83kmX
BSF     97.73 323 eP    35 49.60  -0.4
     0.7s      5.50nm          5.2mb
DOU     97.83 326 P     35 50.20  -0.1
                 e     47 07.00
HAU     97.90 323 eP    35 50.40  -0.3
   Z  20s      0.73um          5.2Msz
NEW     98.16  36 P     35 52.20   0.3
     1.2s     12.49nm          5.3mb
   Z  19s      0.77um          5.2Msz
                 pP    36 15.00  83kmX
WDC     98.29  45 eP    35 47.11  -5.5X
     1.4s     50.00nm          5.8mb
   Z  21s      0.90um          5.2Msz
                 eSKS  46 12.11
                 eSP   48 31.11
                 eSS   54 10.11
                 eLQ   03 20.11
                 eLR   07 42.11
LBFM    98.41  44 P     35 54.70   1.3
                 pP    36 14.60  71kmX
EKA     98.70 333 P     36 14.00  19.9X
     1.4s     80.80nm
LPG     98.89 321 eP    35 55.80   0.2
     0.8s      9.25nm          5.4mb
LPL     98.89 321 eP    35 55.50   0.0
     0.7s      7.70nm          5.3mb
ORV     99.45  46 eP    35 58.10   0.2
     1.8s     60.00nm          5.9mb
   Z  19s      0.70um          5.2Msz
                 eSKS  46 19.36
                 eSP   48 48.36
                 eSS   54 19.36
                 eLQ   03 40.36
                 eLR   07 43.36
BKS     99.66  47 eP    36 00.37   1.5
   Z  20s      1.30um          5.4Msz
                 ePP   40 02.37
                 eSKS  46 32.37
                 eSP   48 57.37
                 eSS   54 02.37
                 eLQ   03 47.37
                 eLR   07 53.37
LOR     99.72 323 eP    35 58.50  -0.5
   Z  22s      1.48um          5.4Msz
SSF    100.04 323 ePdiff35 59.00  -1.4
AVF    100.27 323 ePdiff36 01.00  -0.4
CMB    100.90  47 Pdiff 36 04.70   0.2
   Z  21s      1.30um          5.4Msz
                 pP    36 27.10
CMB    100.90  47 ePdiff36 09.30   4.8X
   Z  20s      1.20um          5.4MszX
                 ePP   39 59.30
                 eSKS  46 41.30
                 eSP   49 09.30
                 eSS   54 05.30
                 eLQ   03 49.30
                 eLR   08 33.30
TCF    101.21 323 ePdiff36 04.00  -1.6
     1.3s     11.90nm          5.4mb
LRM    102.16  37 ePdiff36 11.50   1.3
                 e     36 34.10
SPA    103.17 180 ePdiff36 20.00   6.0X
     0.6s      2.03nm          5.1mb
   Z  22s      1.06um          5.3MszX
ISA    103.34  48 Pdiff 36 30.00  14.6X
   Z  20s      1.93um          5.6Msz
TPNV   104.32  46 Pdiff 36 20.10   0.2
   Z  19s    404.17um          8.0MszX
DUG    104.99  42 Pdiff 36 23.90   1.1
     1.1s      2.67nm          5.2mb
   Z  20s      1.06um          5.4Msz
ARUT   105.84  44 PKP   40 41.80   2.7X
MSU    106.31  43 Pdiff 36 27.50  -1.3
RSSD   107.95  34 PKP   40 46.20   3.2X
PV09   108.31  42 PKP   40 48.80   4.8X
GOL    109.96  39 PKP   41 00.00  13.0X
   Z  18s      0.49um          5.1Msz
GLD    110.02  39 PKP   41 00.00  13.0X
   Z  19s      1.30um          5.5Msz
TUC    110.54  48 PKP   41 00.00  11.9X
   Z  21s      1.39um          5.5Msz
ALQ    112.10  43 PKP   40 50.80  -0.3
   Z  21s      0.98um          5.4Msz
JFWS   115.77  28 PKP   41 10.00  12.4X
   Z  20s      0.63um          5.2Msz
WMOK   117.17  39 PKP   41 10.00   9.4X
   Z  19s      1.16um          5.5Msz
CBM    119.06  10 PKP   41 10.00   6.3X
   Z  20s      1.02um          5.5Msz
SLM    119.12  31 PKP   41 10.00   5.9X
   Z  21s      1.86um          5.7Msz
FVM    119.53  31 PKP   41 12.90   8.0X
MIAR   120.39  36 PKP   41 20.00  13.3X
   Z  20s      0.77um          5.3Msz
YSNY   120.71  19 PKP   41 20.00  12.9X
   Z  20s      1.14um          5.5Msz
LBNH   120.90  14 PKP   41 20.00  12.6X
   Z  19s      0.95um          5.5Msz
BINY   121.75  18 PKP   41 20.00  10.9X
   Z  19s      0.93um          5.5Msz
HRV    122.63  14 PKP   41 20.00   9.3X
   Z  20s      1.09um          5.5Msz
GPD    123.28  17 PKP   41 12.30   0.3
NAV    124.44  24 PKP   41 13.90  -0.6
MRX    124.54  55 (PKP) 41 27.00  12.0X
BLA    124.68  24 PKP   41 14.80  -0.1
CVL    124.75  22 PKP   41 18.10   3.2X
MYNC   124.90  28 PKP   41 30.00  14.6X
   Z  21s      0.50um          5.2Msz
KIC    125.75 288 PKP   41 17.20  -0.4
     1.1s     45.00nm
TIC    125.90 288 PKP   41 17.54  -0.4
     1.0s     34.50nm
LIC    126.06 288 PKP   41 17.94  -0.3
     0.9s     28.50nm
   Z  21s      0.56um          5.2Msz
CEH    126.35  24 PKP   41 30.00  11.8X
   Z  21s      0.51um          5.2Msz
PPM    126.91  54 (PKP) 41 22.50   2.2X
SJG    147.17  19 ePKPd 41 58.57   1.9
                 epP'df42 20.67
PAG    150.31  12 ePKP  42 05.00   3.4X
BMG    153.45  41 iPKPd 42 16.00   9.7X
CAR    153.90  26 iPKP  42 12.00   5.0X
ITR    162.45 283 (PKP) 42 18.00   1.2
SOB1   164.91 284 ePKP  42 20.20   1.0
LPB    167.60 107 PKPc  42 23.40   1.7
                 i     43 53.80
LPAZ   167.62 106 iPKPc 42 23.50   1.5
                 i     42 47.30
                 i     43 51.60
CCH    169.15 114 ePKP  42 25.00   2.5X
BAO    172.15 252 ePKP  42 23.80   0.0
                 i     42 48.20
SIV    174.15 118 PKP   42 25.20   0.8
     S.D. = 1.1  on 281 of 324 obs.
--------------------------------------
  JUN 09, 1994  16h 37m 46.53± 0.27s
  10.143 S ± 5.5km  113.623 E ± 5.3km
  DEPTH =  33.0km  (normal)
  5.8mb ( 39 obs.)  5.5Msz (  2 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

LEM      6.79 299 ePd   39 27.50   0.8
                 eS    41 09.00
NANU    12.48 172 iPd   40 33.50 -11.3X
TSM     14.95  17 eP    41 23.00   5.7X
MEEK    17.07 165 eP    41 36.00  -8.4X
                 iS    44 30.00
MTN     17.36 101 eP    41 47.00  -1.1
     0.5s    108.00nm          5.2mb
IPM     19.27 319 ePd   42 11.20  -0.3
     0.9s     77.80nm          5.0mb
SWI     19.81  63 ePd   42 18.00   0.6
WARB    20.16 144 eP    42 16.00  -5.0X
     0.4s     16.00nm          4.7mb X
DAV     20.85  35 eP    42 29.00   0.8
                 eS    46 20.20
CGP     21.51  31 eP    42 38.00   3.1X
SNG     21.54 323 eP    42 36.20   1.1
                 eS    46 44.00
BIP     22.16  35 eP    42 45.00   3.6X
WOOL    22.16 161 iPc   42 36.50  -4.8X
                 eS    46 29.30
WB2     22.24 118 eP    42 40.40  -1.8
     0.5s     45.80nm          5.2mb
                 ipP   42 47.60  26kmX
                 eS    46 40.60
MAP     22.79  27 eP    42 49.00   1.4
ASPA    23.56 127 iPc   42 54.00  -1.1
     1.7s    156.60nm          5.3mb
                 eS    47 08.20
QCP     25.70  17 eP    43 09.00  -6.6X
BAG     27.27  15 eP    43 34.00   3.8X
LOE     29.79 337 iPc   43 52.00  -0.7
BDT     30.81 332 eP    44 00.00  -1.7
     1.1s    166.40nm          5.7mb
CHTO    32.21 333 iPc   44 14.60   0.6
     1.4s    168.27nm          5.7mb
PMG     33.05  92 eP    44 22.00   0.6
STKA    33.72 134 iPd   44 25.10  -2.0
     1.2s     91.70nm          5.6mb
KMI     36.62 343 P+    44 54.00   1.9
     1.2s    200.00nm          5.9mb
   Z  14s      6.50um          5.6MszX
   N  12s      2.00um
   E  13s      4.40um
GUMO    38.95  53 eP    45 10.80  -0.7
     0.8s    227.50nm          6.0mb
                 e     45 15.90
PJG     38.95  53 eP    45 10.90  -0.6
GUA     38.96  53 eP    45 11.00  -0.6
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         0.8s   185.07nm           5.9mb
TOO     39.59 139 iPc    45 17.10   0.5
         0.9s    38.00nm           5.2mb
ARMA    40.69 125 eP     45 27.30   1.5
         0.9s    43.00nm           5.2mb
CAN     40.78 134 eP     45 27.50   1.0
                  i      45 34.50
CNB     41.04 133 eP     45 29.00   0.4
SSE     41.64  10 Pd     45 35.30   1.9
         1.0s   122.00nm           5.6mb
                  PcP    47 37.50
GBA     42.97 303 P      45 44.00  -0.5
HYB     44.17 308 eP     45 54.00  -0.3
ODAN    44.74 326 P      45 58.67  -0.4
         1.0s   324.00nm           6.1mb
TAPN    44.95 327 P      45 59.67  -1.1
         1.0s   324.00nm           6.2mb
RAMN    45.25 325 P      46 02.35  -0.8
         0.9s   103.00nm           5.7mb
JIRN    46.03 325 P      46 08.75  -0.7
         0.9s   345.00nm           6.3mb
GUN     46.39 325 P      46 11.73  -0.5
         0.8s   192.00nm           6.1mb
PKI     46.40 325 P      46 10.79  -1.5
         1.1s   140.00nm           5.8mb
DMN     46.60 324 P      46 13.07  -0.7
         0.9s   225.00nm           6.2mb
KKN     46.64 325 P      46 13.07  -1.0
         0.9s   161.00nm           6.0mb
LZH     46.90 349 eP     46 17.00   1.1
         2.0s   139.00nm           5.6mb
                  pP     47 27.50 345kmX
GKN     47.17 324 P      46 17.43  -0.8
         0.9s   174.00nm           6.1mb
KOLN    47.60 323 P      46 20.65  -1.0
         0.7s   139.00nm           6.1mb
DANN    47.94 324 P      46 23.25  -1.2
         0.6s   194.00nm           6.3mb
TKSJ    47.98  23 P      46 24.10  -0.2
PYUN    48.21 323 P      46 23.91  -2.5
         1.1s   320.00nm           6.3mb
POO     48.49 306 eP     46 31.00   2.5
WKYJ    48.80  24 P      46 30.00  -0.7
YONJ    48.84  22 P      46 30.20  -0.7
BJI     49.98   3 eP     46 39.00  -0.5
         2.0s    64.00nm           5.3mb
       Z 18s      1.77um           5.1Msz
      E  18s      2.61um
TSRJ    50.10  24 eP     46 40.60   0.0
IIDJ    50.85  26 eP     46 46.20  -0.1
MTMJ    51.75  25 P      46 52.00  -1.2
NOUC    51.75 110 iPc    46 59.20   5.8X
CHJJ    51.80  26 eP     46 51.90  -1.5
MAT     51.88  25 eP     46 52.00  -2.1
         1.5s    86.11nm           5.5mb
DZM     51.88 110 iPc    46 55.80   1.3
NDI     52.21 319 eP     46 56.00  -0.7
                  eS     54 16.00
NIIJ    52.81  25 eP     47 00.50  -0.5
VLA     55.57  16 iPd    47 21.50   0.4
         1.8s   396.00nm           6.1mb
      E  14s      1.40um
                  i      47 27.00
                  i      49 32.00
                  iS     55 07.00
                  iPS    55 27.00
CSY     56.11 182 iPd    47 24.40  -0.3
         0.9s    13.50nm           5.0mb
MRRJ    58.04  24 eP     47 38.00  -0.6
HOOJ    58.91  25 eP     47 45.10   0.4
ASAJ    60.08  24 eP     47 51.80  -1.0
KUSJ    60.10  26 eP     47 53.30   0.4
ZAK     60.94 352 eP     47 58.40  -0.1
         1.6s    87.00nm           5.6mb
MRW     61.71 131 P      48 02.00  -2.0
CIT     61.89 360 eP     48 06.00   1.0
YSS     62.54  22 ePc    48 08.50  -0.9
         1.0s    50.00nm           5.6mb
                  e      48 15.00
IRK     62.68 354 eP     48 10.50   0.3
                  e      48 27.00
FRU     63.62 329 eP     48 15.20  -1.4
         2.0s   190.00nm           5.9mb
                  e      50 40.00
                  (S)    56 45.00
                  e      58 01.00
MAW     66.40 199 eP     48 32.00  -2.2
ASH      70.35 316 eP     49 00.00   0.8
SBA      72.78 170 iPc    49 13.30   0.2
YAK      73.03   8 iPc    49 14.10  -0.6
          1.5s   270.00nm           6.0mb
                   e      49 34.00
                   e      51 58.00
                   eS     58 39.00
                   e      59 15.00
                   ePS    59 33.00
                   eSSS   06 26.00
PET      73.68  26 eP     49 19.00   0.4
          1.0s   400.00nm           6.4mb
SPA      79.92 180 eP     50 00.00   6.4X
          1.0s     2.50nm           4.2mb X
SMY      81.02  32 eP     50 01.37   2.0
          0.8s    46.12nm           5.5mb
                   epP    50 05.76  14kmX
SLR      81.51 245 eP     49 55.60  -7.2X
       Z  22s      6.61um           6.0Msz
KSR      82.73 245 eP     50 01.50  -7.7X
BLF      82.92 242 eP     50 06.20  -3.9X
KIV      83.61 317 eP     50 17.00   3.8X
       Z  16s      1.10um           5.3MszX
                   e      53 26.70
                   eS     00 33.10
BOSA     83.66 242 eP     50 17.90   4.3X
ANN      87.57 316 eP     50 33.00   0.5
                   eS     01 00.00
OBN      90.92 326 eP     50 50.00   1.9
                   e      01 48.00
ILT      91.17  20 eP     50 50.00   1.0
BCAO     95.77 273 iPc    51 13.40   2.0
          0.7s     9.00nm           5.3mb
SDN      95.92  35 ePd    51 11.40   0.3
          0.9s    81.85nm           6.2mb
KAF      97.63 332 eP     51 19.80   1.1
TTA      99.12  28 ePc    51 27.94   2.4
          0.9s     4.77nm           5.0mb
                   epP    51 33.18  16kmX
KIC     118.96 272 PKP    56 38.49   4.0X
          1.3s    32.00nm
MCW     119.45  39 ePKP   56 35.15   0.7
                   epPKP  56 41.29
GMW     119.85  41 ePKP   56 38.88   3.7X
BMW     119.90  42 ePdiff53 00.12    1.6
                   epPKP  53 04.43
RMW     120.51  40 ePKP   56 39.57   3.0X
LON     120.74  41 ePKP   56 40.29   3.3X
                   epPKP  56 44.50
LBFM    122.34  47 ePKP   56 43.47   3.1X
NEW     123.13  38 ePKP   56 43.40   2.0
ARN     123.64  52 ePKP   56 45.95   3.1X
ISA     126.45  53 ePKP   56 46.79  -1.6
                   epPKP  56 56.47
LRM     127.06  39 ePKP   56 50.20   0.7
GSC     127.86  53 ePKP   56 55.31   4.2X
HHAI    128.24  42 (PKP)  56 55.49   3.9X
                   epPKP  57 00.94
HVU     128.61  44 ePKP   56 56.51   4.1X
                   ipPKP  57 00.18
SRU     131.27  46 ePKP   57 02.11   4.5X
PV08    132.82  46 ePKP   57 05.11   4.3X
                   ipPKP  57 08.92
RSSD    133.06  37 ePKP   57 02.01   1.1
TUC     133.52  55 ePKP   57 07.74   5.8X
                   epPKP  57 11.46
GOL     134.56  43 ePKP   57 06.81   2.9X
JFWS    141.27  28 ePKP   57 18.69   2.8X
                   iSKP   00 57.23
LMN     144.39 358 ePKP   57 20.50  -0.7
          1.0s     8.00nm
ELF     144.59  19 PKP    57 21.45  -0.1
ACTO    144.60  17 PKP    57 21.40  -0.2
WLVO    144.77  15 PKP    57 21.75  -0.1
LDN     144.77  19 PKP    57 21.90   0.0
DLA     144.81  20 PKP    57 22.20   0.2
FVM     144.85  34 ePKP   57 21.60  -0.6
RSNY    145.00  10 ePKP   57 22.40   0.1
MRX     145.11  70 (PKP)  57 31.00   7.9X
TYNO    145.13  17 PKP    57 22.78   0.3
STCO    145.22  16 PKP    57 22.95   0.3
MIAR    145.25  41 ePKP   57 23.79   0.8
                   ipPKP  57 30.87
LBNH    145.69   7 ePKP   57 25.27   1.8
                   ipPKP  57 31.98
LST     146.28  35 ePKP   57 29.64   5.0X
                   epPKP  57 33.32
ITR     146.43 237 ePKP   57 26.40   0.9
III     146.95  72 (PKP)  57 31.00   4.5X
UNM     147.04  70 (PKP)  57 35.00   8.3X
HRV     147.44   7 ePKP   57 28.63   2.3X
                   e      57 34.09
PPM     147.61  70 (PKP)  57 33.00   5.1X
LSCT    148.02  10 ePKP   57 29.61   2.4X
SOB1    148.18 234 ePKP   57 31.90   3.6X
                   e      57 38.50
GPD     148.43  12 ePKP   57 32.53   4.6X
BAO     148.58 216 ePKP   57 33.10   4.1X
GMTN    148.62  11 ePKP   57 34.70   6.5X
CCH     152.65 181 ePKP   57 45.00   9.7X
LPB     153.44 176 PKP    57 42.20   5.6X
LPAZ    153.68 176 PKP    57 37.30   0.1
     S.D. = 1.1  on  96 of 139 obs.
-------------------------------------
? JUN 09, 1994  17h 14m 50.87± 6.08s
  48.606 N ±16.4km     6.434 E ±42.5km
  DEPTH =  10.0km  (geophysicist)
 FRANCE                          (538)
      ML 1.9 (STR).

CDF       0.59 109 Pg      15 02.93   0.0
                   Sg      15 17.35
ECH       0.62 129 Pg      15 03.80   0.4
                   Sg      15 17.61
WLS       0.64 107 Pg      15 03.47  -0.3
                   Sg      15 18.04
MOF       0.89 148 Pg      15 07.80  -0.2
                   Sg      15 23.76
LANF      0.98  67 Pg      15 09.57   0.1
                   Sg      15 28.44
     S.D. = 0.4  on   5 of   5 obs.
-------------------------------------
% JUN 09, 1994  17h 35m 55.46± 0.44s
  40.412 N ± 5.0km    28.417 E ± 3.3km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
      ML 2.9 (ISK).

KCT       0.17 196 iPg     35 59.60   0.3
BNT       0.38 262 iPg     36 02.70  -0.6
                   iSg     36 08.70
EDC       0.43 261 iPg     36 04.00  -0.2
                   eSg     36 11.00
CTT       0.73   1 iPg     36 10.10   0.2
                   eSg     36 20.60
YLV       0.75  78 iPg     36 09.60  -0.5
                   eSg     36 21.10
IZI       0.81  95 iPg     36 11.60   0.4
                   iSg     36 22.10
ISK       0.82  37 iPg     36 11.10  -0.1
                   eSg     36 22.60
MFT       0.94 294 iPg     36 14.10   0.6
                   iSg     36 27.60
HRT       1.04  66 ePg     36 14.60  -0.5
EYL       1.34  83 ePn     36 20.60   0.4
DMK       1.49 341 ePn     36 22.40   0.1
     S.D. = 0.5  on  11 of  11 obs.
-------------------------------------
? JUN 09, 1994  17h 38m 46.72± 3.76s
  39.405 N ±10.9km    26.209 E ±37.9km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
      ML 2.9 (ISK).

EZN       0.43  12 iPg     38 55.60   0.1
                   eSg     39 02.60
IZM       1.30 140 ePn     39 10.80   0.0
EDC       1.58  53 ePn     39 14.00  -0.9
KCT       1.86  62 ePn     39 19.60   0.7
     S.D. = 1.1  on   4 of   4 obs.
-------------------------------------
* JUN 09, 1994  17h 48m 15.83± 2.30s
  11.074 S ±19.8km   113.240 E ±24.1km
  DEPTH =  68.4 ± 26.0 km
  4.9mb (  8 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

LEM       6.98 307 ePc     49 59.00   1.3
NANU     11.63 169 eP      51 00.40  -0.8
          0.3s    17.00nm          5.5mb X
                   eS      53 07.00
MBL      11.86 149 eP      51 02.30  -1.9
                   eS      53 09.00
MEEK     16.29 163 eP      52 03.00   1.2
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09d 17h

eS 54 58.00
WB2 22.15 116 eP 53 07.20 -0.2
1.0s 5.50nm 3.9mb
ASPA 23.32 125 iPc 53 21.50 2.7X
0.7s 18.80nm 4.6mb
eS 57 33.70
BDT 31.46 333 eP 54 32.00 -1.2
STKA 33.36 133 eP 54 52.10 2.4
2.7s 25.90nm 4.6mb
KMI 37.41 344 ePd 55 25.00 0.7
1.0s 10.00nm 4.7mb
ODAN 45.30 327 P 56 29.61 0.6
RAMN 45.80 326 P 56 33.55 0.6
JIRN 46.58 326 P 56 38.97 -0.3
PKI 46.94 325 P 56 41.79 -0.3
GUN 46.95 326 P 56 41.37 -0.8
0.9s 22.00nm 5.1mb
DMN 47.14 325 P 56 43.11 -0.5
0.9s 31.00nm 5.3mb
KKN 47.18 326 P 56 44.17 0.3
1.0s 43.00nm 5.3mb
GKN 47.71 325 P 56 47.83 -0.1
KOLN 48.12 324 P 56 50.35 -0.9
DANN 48.47 325 P 56 53.83 -0.1
0.9s 37.00nm 5.4mb
S.D. = 1.1 on 18 of 19 obs.

% JUN 09, 1994 18h 34m 43.57± 1.04s
38.892 N ± 6.9km 26.922 E ±11.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.0 (ISK).

IZM 0.56 152 iPg 34 55.00 0.0
iSg 35 03.50
EZN 1.04 334 iPn 35 03.20 0.0
DST 1.50 61 ePn 35 10.50 -0.1
EDC 1.62 26 ePn 35 12.00 -0.3
BNT 1.65 27 ePn 35 12.70 0.0
KCT 1.75 39 iPn 35 14.60 0.4
MFT 1.91 8 ePn 35 16.60 0.0
S.D. = 0.3 on 7 of 7 obs.

JUN 09, 1994 20h 36m 50.04± 0.12s
36.945 N ± 3.2km 71.325 E ± 2.0km
DEPTH = 87.1km (10 depth phases)
5.4mb (119 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG.(717)

FRU 6.40 22 iPnd 38 24.00 0.4
iS 39 34.00
AAA 7.65 33 iP 38 40.50 -0.2
MAIO 9.53 270 iPc 39 01.80 -4.7X
0.8s 43.19nm 5.4mb
NDI 9.61 147 iPc 39 07.20 -0.3
0.5s 133.80nm 6.1mb
eS 40 49.00
ASH 10.37 279 eP 39 11.50 -6.2X
0.9s 220.00nm 6.1mb
KAT 12.08 285 eP 39 34.00 -6.5X
PYUN 13.21 129 P 39 53.54 -1.9
0.3s 234.00nm 6.2mb
DANN 13.53 126 P 39 58.48 -1.3
0.5s 342.00nm 6.1mb
KOLN 13.82 128 P 40 02.14 -1.4
0.5s 273.00nm 5.8mb
GKN 14.33 125 P 40 08.20 -1.9
0.8s 1385.00nm 6.3mb
KKN 14.90 124 P 40 15.14 -2.3
0.5s 435.00nm 5.9mb
DMN 14.90 125 P 40 16.10 -1.5
0.7s 432.00nm 5.8mb
PKI 15.13 124 P 40 18.82 -1.7
0.7s 389.00nm 5.7mb
GUN 15.22 122 P 40 19.38 -2.3
JIRN 15.59 122 P 40 25.06 -1.4
0.5s 842.00nm 6.2mb
RAMN 16.33 123 P 40 33.72 -1.9
0.5s 917.00nm 6.2mb
TAPN 16.83 120 P 40 40.58 -1.3
0.5s 269.00nm 5.7mb
ODAN 16.92 122 P 40 41.74 -1.2
0.8s 862.00nm 6.1mb
BAK 17.08 288 eP 40 44.00 -0.5
POO 18.48 172 iPc 41 05.50 3.7X
1.0s 40.00nm 4.6mb
iS 44 26.00

MAK 19.26 296 iP- 41 08.00 -2.1
Z 13s 2.00um
N 13s 2.00um
E 13s 1.00um
iS 44 34.00
TAB 19.85 281 eP 41 18.00 1.4
HYB 20.47 160 eP 41 24.60 1.6
1.0s 120.00nm 5.2mb
eS 44 58.50
GRO 20.57 296 iPd- 41 25.00 1.2
1.0s 490.00nm 5.8mb
N 12s 2.50um
E 14s 2.50um
i 41 52.00 149kmX
eS 45 06.00
MTA 21.03 291 iPd 41 28.60 0.3
0.8s 180.00nm 5.5mb
iPPP 41 58.80
eS 45 16.80
eSS 45 27.00
SVE 21.12 344 iPd 41 28.00 -1.2
1.2s 160.00nm 5.2mb
e 41 55.00 142kmX
ePPP 42 10.00
iS 45 14.00
eSSS 46 02.00
PYA 22.56 297 iP 41 42.00 -1.6
1.0s 100.00nm 5.2mb
i 42 27.00
eS 45 46.00
i 46 12.00
KIV 22.81 297 eP 41 46.20 0.1
e 42 15.50 147kmX
e 42 29.70
eS 45 50.90
GBA 23.88 165 P 41 59.00 2.5
S 46 14.00
MJMA 24.74 251 eP 42 05.00 0.2
eS 46 30.00
SOC 24.91 295 eP 42 07.00 0.8
e 42 27.00 91km
e 42 37.30
eS 46 24.00
QASM 25.96 253 eP 42 16.60 0.5
LZH 26.09 82 Pc 42 19.50 2.2
2.0s 282.00nm 5.4mb
Z 18s 0.69um 4.2Msz
N 10s 0.49um
pP 42 33.50 58kmX
sP 42 40.50
eS 47 00.00
ZAK 26.50 49 iPc 42 21.80 1.0
1.2s 164.00nm 5.4mb
e 42 53.00 150kmX
e 48 08.00
ANN 26.76 298 eP 42 21.50 -1.6
1.0s 40.00nm 4.9mb
e 42 41.00 86km
GAZ 27.14 281 eP 42 28.50 1.8
IRK 27.74 46 eP 42 32.50 0.5
1.4s 64.00nm 5.0mb
e 43 04.00 151kmX
KMSA 28.62 242 ePc 42 39.00 -1.3
MOS 29.48 320 eP 42 46.00 -1.6
1.8s 150.00nm 5.4mb
Z 16s 0.70um 4.4MszX
e 43 07.00 92km
e 43 51.00
OBN 29.75 319 iPc 42 49.20 -0.8
0.7s 90.00nm 5.6mb
Z 16s 0.20um 3.8MszX
i 43 04.50 63kmX
sP 43 17.50
(S) 47 36.00
(sS) 48 06.00
CHTO 30.20 119 eP 42 55.60 1.2
ABHA 31.25 241 eP 43 06.00 2.1
BDT 31.32 121 eP 43 05.50 1.4
1.0s 48.30nm 5.2mb
KIS 32.77 301 iPc+ 43 16.00 -0.5
1.2s 200.00nm 5.8mb
e 48 26.00
KHL 32.93 285 iP 43 18.00 -0.1
ELL 32.96 282 eP 43 19.00 0.6
LOE 33.11 118 eP 43 20.00 0.3
NST 33.19 122 eP 43 23.00 2.6
CIT 33.19 49 eP 43 20.00 -0.2

CFR 33.25 298 eP 43 21.00 0.4
KSL 33.36 281 eP 43 20.90 -0.9
VRI 34.24 299 ePd 43 29.50 0.3
MNK 34.43 314 eP 43 30.00 -0.7
Z 20s 1.40um 4.7Msz
PUL 34.70 324 ePd 43 33.00 0.0
1.2s 180.00nm 5.9mb
Z 18s 0.80um 4.5Msz
i 43 53.00 85km
e 45 16.00
e 48 53.00
MLR 34.80 299 eP 43 35.00 0.8
BOD 34.94 39 eP 43 34.30 -0.8
1.0s 166.00nm 5.9mb
BJI 34.96 71 eP 43 37.00 1.6
1.0s 17.00nm 4.9mb
Z 20s 0.60um 4.3Msz
ALN 35.15 291 iP 43 37.78 0.7
NNT 35.16 126 eP 43 38.70 1.4
PRK 35.26 288 eP 43 38.50 0.5
CMP 35.44 298 ePc 43 42.00 2.5
NPS 36.70 281 eP 43 50.00 -0.2
OUR 36.79 290 iP 43 51.52 0.7
DEV 36.90 300 ePd 43 54.00 2.2
PAIG 37.10 290 iP 43 53.97 0.6
LVZ 37.14 338 eP 43 53.40 -0.2
SOH 37.18 291 eP 43 54.72 0.5
UZH 37.22 304 ePc 43 54.00 -0.4
1.0s 31.00nm 5.2mb
KAF 37.40 327 iP 43 55.60 -0.1
0.6s 29.00nm 5.4mb
KNT 37.46 292 iP 43 56.84 0.3
NUR 37.62 324 iP 43 57.60 0.0
0.5s 47.50nm 5.7mb
i 44 28.00 137kmX
VAM 37.77 282 eP 43 59.50 0.3
GRG 37.86 292 eP 44 00.14 0.2
LIT 37.96 290 eP 44 00.88 0.2
AGG 38.30 288 eP 44 03.40 -0.2
VLI 38.40 285 eP 44 02.90 -1.5
KZN 38.46 291 eP 44 05.00 0.0
SPC 38.57 305 iPc 44 06.80 0.9
FNA 38.66 291 iP 44 06.84 0.2
PVY 39.37 295 iPc 44 13.56 0.9
IVA 39.38 295 iPc 44 13.88 1.2
SDF 39.55 335 iP 44 13.90 0.3
PLE 39.68 296 iPc 44 16.56 1.5
IGT 39.70 290 eP 44 14.52 -0.7
SNG 39.86 131 eP 44 19.00 2.3
SRO 39.92 303 iP 44 17.40 0.6
1.4s 142.40nm 5.7mb
TTG 39.92 295 iPc 44 17.13 0.2
OKC 39.92 306 eP 44 17.30 0.4
e 44 33.60 65kmX
e 45 41.80
ULC 40.01 294 iPc 44 17.22 -0.5
NKY 40.05 295 iPc 44 18.60 0.5
BDV 40.26 294 iPc 44 19.62 -0.2
BRY 40.36 295 iPc 44 21.03 0.3
HCY 40.47 295 iPc 44 21.19 -0.3
KEV 40.49 338 P 44 21.10 -0.1
0.7s 21.02nm 5.1mb
pP 44 42.10 88km
ZST 40.70 304 iP 44 24.40 1.1
UPP 40.88 322 iP 44 24.30 -0.3
SSE 41.36 83 Pd 44 31.00 2.2
1.2s 50.00nm 5.2mb
Z 20s 0.50um 4.4Msz
pP 44 43.00 44kmX
eS 51 29.00
PTJ 41.73 300 eP 44 32.20 0.3
HVAR 41.82 296 iP 44 32.30 -0.2
BSD 41.89 314 iPd 44 32.00 -0.9
0.6s 16.00nm 5.0mb
i 44 52.40 85km
IPM 42.17 133 ePc 44 37.00 1.4
0.9s 72.30nm 5.5mb
PRU 42.24 307 iPc 44 36.60 0.7
1.1s 27.50nm 5.0mb
e 44 56.50 82km
BRG 42.55 308 iPc 44 38.80 0.4
1.2s 40.00nm 5.1mb
i 44 45.00 21kmX
TDS 42.67 291 P 44 40.65 1.1
LJU 42.69 301 eP 44 40.50 0.9
ePP 45 00.60 649kmX
e 46 30.50

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                  e      52 24.00
                  eSS    54 20.00
GRI     42.83 290 P      44 40.66  -0.2
HFS     42.88 322 eP     44 40.40  -0.5
        0.7s   59.40nm        5.5mb
      Z 16s    0.23um         4.2MszX
                  LR     01 06.00
GEC2    42.89 305 P      44 41.20  -0.1
        0.7s    3.24nm        4.3mb X
                  e      44 44.70  12kmX
                  e      44 56.30
                  e      45 02.90
                  e      46 25.40
                  e      46 30.80
                  e      50 01.60
                  e      50 15.20
                  e      50 24.90
FG4     42.92 293 P      44 42.77   1.2
KHC     42.94 305 P      44 42.50   0.9
        1.1s   20.50nm        4.9mb
                  e      44 45.60  10kmX
                  e      44 56.50
                  e      45 16.50
                  e      46 42.50
                  e      47 00.00
                  e      47 37.50
CLL     43.12 309 iPc    44 42.70  -0.3
        1.5s   40.00nm        5.0mb
                  i      45 03.70  88km
VOY     43.13 301 iP     44 44.00   0.7
MGR     43.13 292 P      44 43.77   0.5
SOI     43.30 289 P      44 44.83   0.2
KBA     43.35 302 iPc    44 45.30   0.1
        1.1s   27.00nm        5.0mb
                  i      44 52.60  24kmX
                  i      45 08.20
WET     43.39 305 iPd    44 46.20   0.9
YAK     43.47  36 iPc+   44 41.90  -3.8X
        1.0s  360.00nm        6.2mb
                  e      46 28.00 605kmX
                  e      46 38.00
                  iS     51 05.00
                  e      54 30.00
FVI     43.81 302 P      44 48.83   0.2
RFI     44.01 294 P      44 51.36   1.0
MOX     44.05 308 iPc    44 51.00   0.4
        1.4s   31.00nm        4.9mb
NB2     44.18 323 P      44 50.85  -0.7
ARV     44.27 297 P      44 53.43   1.0
GRF     44.40 306 iPc    44 54.90   1.4
        1.2s   62.10nm        5.3mb
      Z 37s    0.20um         3.8MszX
                  ipP    45 08.50  51kmX
                  isP    45 15.10
WTTA    44.47 303 iPc    44 53.80  -0.5
        1.0s   35.90nm        5.2mb
                  i      44 59.80  20kmX
                  i      45 14.40
WATA    44.50 303 iPc    44 53.70  -0.8
                  i      45 01.90  27kmX
ASS     44.56 297 P      44 49.75  -5.1X
FUR     44.57 304 iPc    44 55.20   0.3
        2.5s  165.00nm        5.4mb
CTI     44.67 301 P      44 55.86   0.1
MNS     44.70 296 P      44 56.38   0.4
SQTA    44.77 303 iPc    44 55.70  -0.8
        1.1s   32.40nm        5.1mb
MOTA    44.82 303 iPc    44 56.00  -1.0
KONO    44.91 321 P      44 56.60  -0.7
        1.0s   44.39nm        5.2mb
                  pP     45 17.70  88km
CRE     44.94 298 P      44 59.00   1.1
SFI     44.95 298 P      44 58.77   1.0
PGD     45.05 298 P      45 00.22   1.3
MUD     45.13 316 eP     45 06.00   6.9X
        1.3s   37.00nm        5.1mb
                  i      46 53.00 604kmX
OSS     45.58 302 ePc    45 02.80  -0.2
VLA     45.90  63 iPd    45 06.00   0.6
        1.2s  578.00nm        6.3mb
                  i      45 27.00  87km
                  i      45 36.00
                  e      46 37.00
                  i      47 33.00
LLS     46.32 303 ePc    45 08.10  -0.8
BOB     46.45 300 P      45 11.01   1.2
SLE     46.49 304 ePc    45 09.50  -0.5
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TMA     46.56 302 ePc    45 09.90  -0.8
ZLA     46.61 304 P      45 10.80  -0.2
HOFF    46.62 306 P      45 11.59   0.6
VAI     46.68 302 P      45 09.98  -1.4
SRBF    46.70 306 P      45 12.16   0.6
LANF    46.72 306 P      45 12.29   0.5
FEL     46.78 304 P      45 11.94  -0.5
STR     46.82 305 P      45 13.02   0.5
WTS     46.88 310 eP     45 13.50   0.5
        0.7s   13.70nm        4.9mb
WLS     47.12 305 P      45 14.99   0.0
PCP     47.13 300 P      45 14.13  -1.0
CDF     47.17 305 iPc    45 15.40   0.0
        0.8s    7.95nm        4.6mb
MMK     47.18 302 P      45 15.80   0.0
ORO     47.27 301 P      45 14.77  -1.5
ECH     47.28 305 P      45 17.57   1.3
PGF     47.30 297 iPc    45 16.10  -0.5
        1.0s   74.00nm        5.5mb
MOF     47.37 304 P      45 16.73  -0.3
FIN     47.44 299 P      45 16.24  -1.3
DIX     47.55 302 ePc    45 18.40  -0.3
MEM     47.59 308 iPd    45 19.05   0.5
        1.1s    9.30nm        4.6mb
BSF     47.60 305 iPc    45 18.40  -0.5
        0.9s   57.35nm        5.5mb
ROB     47.65 300 P      45 19.16  -0.1
WLF     47.66 307 iPc    45 19.84   0.7
        1.1s   19.50nm        4.9mb
LOMF    47.67 304 P      45 18.59  -0.8
HAU     47.86 305 iPc    45 20.30  -0.4
        1.2s   48.20nm        5.3mb
      Z 20s    0.17um         4.0Msz
LSD     47.87 301 P      45 20.54  -0.6
RSP     47.87 301 P      45 18.34  -2.7
EMS     47.88 302 ePc    45 20.90  -0.3
BAG     47.94 102 ePc    45 23.90   2.0
SAOF    47.95 299 P      45 21.78   0.2
ENR     47.98 300 P      45 21.13  -0.7
AUTN    48.04 299 P      45 22.88   0.4
STV     48.05 300 P      45 20.67  -1.7
SBF     48.07 299 iPc    45 22.50   0.0
        1.1s  140.15nm        5.8mb
AURF    48.14 299 P      45 23.38   0.4
LPG     48.14 301 iPc    45 23.30   0.0
        0.9s   25.05nm        5.1mb
PZZ     48.14 300 P      45 21.18  -1.9
LPL     48.15 301 iPc    45 23.20  -0.1
        1.1s   53.50nm        5.4mb
TOUF    48.16 299 P      45 23.71   0.4
CVP     48.19  99 ePc    45 25.30   1.7
RRL     48.25 301 P      45 23.24  -0.9
FOUF    48.35 300 ePc    45 24.68   0.2
DOU     48.57 308 P      45 27.10   0.9
FRF     48.70 299 iPc    45 26.90  -0.3
        0.9s   63.55nm        5.6mb
LMR     48.85 299 iPc    45 28.10  -0.3
LRG     48.93 299 eP     45 28.70  -0.3
        1.6s  174.15nm        5.8mb
      Z 19s    0.15um         4.0Msz
YONJ    49.46  72 P      45 32.70  -0.5
LBF     49.65 304 iPc    45 33.70  -0.9
        1.1s   25.40nm        5.1mb
LOR     49.66 304 iPc    45 33.80  -0.8
        1.2s   26.20nm        5.1mb
      Z 21s    0.17um         4.0Msz
SMF     49.82 304 iPc    45 35.40  -0.5
        0.9s   55.55nm        5.6mb
SSF     49.94 304 iPc    45 36.20  -0.5
        1.2s   48.20nm        5.4mb
AVF     50.11 304 iPc    45 37.60  -0.4
        0.9s   69.45nm        5.7mb
PLDF    50.14 303 P      45 38.13  -0.2
TKSJ    50.35  74 P      45 40.80   0.8
AGO     50.45 303 P      45 40.62   0.0
HYF     50.47 305 iPc    45 40.60  -0.1
        0.9s  109.10nm        5.9mb
BGF     50.51 304 iPc    45 40.50  -0.6
        0.9s   23.10nm        5.2mb
PPR     50.55 110 ePc    45 43.50   1.8
LBL     50.59 302 P      45 41.90   0.1
PYM     50.62 303 P      45 41.73  -0.2
MAF     50.79 303 iPc    45 43.10  -0.1
        1.0s   70.40nm        5.6mb
TCF     51.01 304 iPc    45 44.80  -0.1
        1.0s   70.60nm        5.6mb
KKM     51.17 116 ePd    45 50.00   3.5X
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TSRJ    51.25  71 P      45 47.10   0.3
WKYJ    51.45  73 P      45 48.90   0.5
LSF     51.47 304 iPc    45 47.60  -0.8
        0.9s   36.05nm        5.4mb
CAF     51.48 302 iPc    45 48.50   0.0
        1.0s   38.20nm        5.4mb
RJF     51.75 302 iPc    45 50.60   0.1
        1.1s   32.70nm        5.3mb
      Z 22s    0.10um         3.8Msz
LDF     51.92 307 iPc    45 50.80  -0.9
        1.0s   39.00nm        5.4mb
FLN     52.10 307 iPc    45 52.00  -1.1
        0.7s   22.60nm        5.3mb
      Z 21s    0.10um         3.8Msz
EKA     52.15 316 Pc     45 51.76  -1.6
        0.8s   27.30nm        5.3mb
LPO     52.15 302 iPc    45 53.20  -0.3
        0.9s   13.60nm        5.0mb
YSS     52.31  55 ePc+   45 54.20  -0.4
        1.0s   90.00nm        5.8mb
                  e      46 22.00 117kmX
LFF     52.38 302 iPc    45 55.00  -0.2
        0.8s   39.10nm        5.5mb
GRR     52.45 307 eP     45 54.20  -1.4
        0.8s   34.40nm        5.4mb
MFF     52.48 304 iPc    45 55.00  -0.9
        1.1s   63.75nm        5.6mb
MAJO    52.55  69 P      45 55.50  -1.1
        0.9s   47.37nm        5.5mb
MAT     52.55  69 eP     45 56.00  -0.6
        1.0s   42.00nm        5.4mb
                  (S)    54 21.00
MRRJ    52.58  61 P      45 56.30  -0.4
LPF     52.66 306 eP     45 55.90  -1.3
        1.0s   18.40nm        5.1mb
AOMJ    52.71  63 P      45 58.40   0.8
NIIJ    52.88  68 P      45 58.10  -0.9
ASAJ    53.13  59 P      46 00.20  -0.5
EPF     53.25 300 eP     46 00.40  -1.3
        0.8s   13.70nm        5.0mb
YAMJ    53.30  66 P      46 01.80  -0.2
CHJJ    53.32  69 P      46 01.30  -0.9
HOOJ    54.14  60 eP     46 07.80  -0.3
OFUJ    54.16  65 P      46 07.20  -1.1
DAG     54.40 344 iPd    46 09.20  -0.5
        0.7s  116.44nm        6.0mb
DLF     54.56 314 eP     46 10.00  -1.1
DCN     54.98 314 eP     46 13.30  -0.8
AKU     56.77 330 iP     46 27.70   0.9
        0.9s   33.61nm        5.4mb
EHUE    57.24 295 eP     46 30.29  -0.3
GUD     57.24 299 eP     46 29.98  -0.6
        1.0s    0.08nm        2.8mb X
PAB     57.81 298 iPd    46 34.20  -0.3
BCAO    58.06 249 iPd    46 34.30  -2.2
        0.7s   36.00nm        5.6mb
ELUQ    58.55 296 eP     46 38.68  -1.1
EPLA    58.82 299 eP     46 41.43  -0.1
EHOR    59.15 296 eP     46 43.88   0.1
EPRU    59.50 295 eP     46 44.79  -1.5
PET     60.03  44 eP     46 48.00  -1.6
        1.0s   30.00nm        5.4mb
ILT     63.23  23 iPc    47 09.50  -1.3
BRW     66.81  15 P      47 33.50  -0.3
MBC     66.88   3 ePc    47 34.30   0.1
        0.6s   36.00nm        5.5mb
RES     68.28 356 eP     47 42.50  -0.5
        0.6s    2.00nm        4.2mb X
IMA     71.62  18 iPc    48 03.10  -0.5
        0.8s   74.90nm        5.6mb
INK     73.43   9 ePc    48 14.40   0.5
        1.0s   85.00nm        5.6mb
BFT     73.43 218 iPc    48 23.00   8.2X
        0.7s   66.00nm        5.6mb
TTA     73.52  21 ePc    48 15.10   0.4
        1.2s  110.70nm        5.6mb
MBL     73.70 133 iPc    48 16.50   0.3
        0.5s   35.00nm        5.5mb
FBA     73.97  16 iPc    48 17.20   0.0
        1.0s  288.20nm        6.1mb
SLR     74.36 220 iPd    48 19.20  -0.9
        1.2s   70.00nm        5.4mb
FRB     74.72 343 eP     48 21.50   0.0
        1.0s   22.00nm        5.0mb
KIC     75.07 267 P      48 23.00  -1.4
        1.0s   20.00nm        5.0mb
SVW     75.08  22 ePc    48 24.10   0.4
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         1.0s    57.70nm          5.4mb
KSR      75.18 221 iPc    48 25.60   0.7
         0.7s  1220.00nm          6.9mb X
LBTB     75.18 222 P      48 25.40   0.6
         0.4s    62.38nm          5.8mb
CP2      75.91  20 P      48 28.10  -0.6
PMR      76.46  19 ePc    48 31.10  -0.3
         0.8s    76.00nm          5.6mb
TOA      76.75  17 ePc    48 34.00   0.9
         0.9s   491.50nm          6.4mb
SLKM     77.09  20 P      48 33.90  -1.1
KLU      77.34  17 P      48 36.60   0.2
KDS      77.44 276 eP     48 37.50  -0.1
BOSA     78.17 220 eP     48 42.20   1.0
BLF      78.18 219 iPc    48 41.60   0.1
         0.8s    66.00nm          5.6mb
WIN      78.20 230 eP     48 41.00  -0.8
         0.5s    24.00nm          5.3mb
BALM     78.57  16 P      48 43.50   0.3
KDC      78.75  22 ePc    48 44.30   0.3
         1.0s   215.60nm          6.0mb
FRS      79.14 220 iPc    48 47.00   0.6
         1.2s    40.00nm          5.2mb
YKA      80.79   3 P      48 55.50   0.7
         0.8s    67.00nm          5.6mb
WRA      82.00 122 P      49 02.20   0.4
         1.0s     8.30nm          4.6mb
WB2      82.01 122 iPc    49 01.70  -0.2
         0.4s    22.00nm          5.4mb
WOOL     82.49 138 iPd    49 03.80  -0.3
RKG      82.89 143 iPd    49 06.50   0.4
SIT      83.69  14 eP     49 11.80   1.9
         1.4s   225.70nm          5.9mb
ASPA     84.29 125 iPc    49 12.90  -0.6
         0.7s    24.30nm          5.3mb
JAQ      85.24 341 ePc    49 18.00   0.2
CTA      90.49 115 iPc    49 44.00   0.6
ULM      92.45 352 eP     49 55.00   2.9X
GAC      92.46 337 eP     49 53.00   0.8
MCW      93.83   9 P      49 59.50   1.0
NEW      94.84   6 P      50 03.80   0.6
         0.8s    24.52nm          5.7mb
GMW      94.94  10 P      50 05.20   1.5
DPW      95.13   6 P      50 05.40   0.8
RMW      95.15   9 P      50 05.60   0.9
LON      95.85   9 P      50 08.70   0.8
BMW      95.93  10 P      50 09.00   0.7
SHW      96.35   9 P      50 11.60   1.3
LRM      97.54   3 eP     50 16.90   1.1
RSSD     99.20 357 P      50 24.20   0.9
         1.2s    21.98nm          5.6mb
SPA     126.76 180 iPKPd  55 43.30  -0.8
         0.9s     2.73nm
SIV     133.11 283 PKP    55 58.20   0.7
LPAZ    138.72 289 PKP    56 10.20   1.4
LPB     138.84 289 (PKP)  56 13.00   4.2X
      S.D. = 1.0  on 284 of 295 obs.
---------------------------------------
   JUN 09, 1994  21h 25m 11.81± 0.75s
   26.342 S ± 6.4km   27.458 E ± 8.0km
   DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA         (584)
     ML 3.1 (PRE).

PRY       0.58 179 iPc    25 22.20  -1.3
                   S      25 28.90
KSR       0.69 313 iPd    25 25.70   0.0
                   S      25 34.10
SLR       0.96  51 iPd    25 29.80  -0.8
                   S      25 41.20
SEK       1.98 176 eP     25 48.00   1.5
                   S      26 08.90
BFT       2.42  75 eP     25 53.50   0.7
                   S      26 22.00
BOSA      2.90 218 eP     25 59.60   0.1
                   S      26 32.10
BLF       2.98 202 eP     26 00.50  -0.2
                   S      26 33.20
      S.D. = 1.1  on    7 of    7 obs.
---------------------------------------
   JUN 09, 1994  22h 21m 09.19± 1.18s
   15.827 N ± 7.3km   88.444 W ± 8.1km
   DEPTH =  34.4 ± 12.6 km
   4.5mb ( 13 obs.)
 HONDURAS                         ( 72)
     MD 4.8 (GCG).
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YUP      2.08 219 iP      21 42.49  -0.1
RDG      2.12 248 eP      21 41.92  -1.3
                  eS      22 07.53
BVA      2.41 242 eP      21 46.15  -1.2
IXG      2.54 230 eP      21 49.08  -0.1
TER      2.64 235 eP      21 52.93   2.5
                  eS      22 28.64
TPX      3.79 257 (P)     22 15.50   8.7X
                  (S)     22 50.00
SCX      4.12 283 (P)     22 13.00   1.6
OXX      8.04 280 (P)     23 07.00   0.2
IISM     9.09 292 (P)     23 20.00  -1.1
PPM     10.24 290 (P)     23 36.00  -1.4
III     10.84 285 (P)     23 45.50   0.1
MRX     12.74 289 (P)     24 14.00   3.2X
MIAR    19.20 347 eP      25 32.72  -0.3
        1.1s     20.53nm          4.3mb
LTX     19.42 316 eP      25 35.57  -0.2
JSC     19.48  18 eP      25 35.46  -0.8
LHS     19.80  19 eP      25 39.11  -0.6
MEO     20.96 336 iPd     25 51.20  -0.5
WMOK    21.00 336 eP      25 51.21  -0.9
        0.9s     71.63nm          5.1mb
                  eSg     29 36.48
TUL     21.05 343 iPd     25 52.60   0.0
OCO     21.21 339 iPc     25 55.00   0.7
NAV     22.45  16 eP      26 08.09   1.4
BLA     22.46  17 eP      26 07.87   1.1
        1.4s     80.51nm          5.0mb
ACO     22.86 337 iPd     26 10.70   0.0
CVL     23.76  20 eP      26 20.96   1.6
TUC     26.09 313 (P)     26 42.93   1.2
        0.8s      4.86nm          4.1mb
GOL     28.01 331 eP      26 59.00  -0.3
        1.3s     18.11nm          4.6mb
SRU     30.20 324 eP      27 18.98   0.0
RSNY    30.96  20 eP      27 25.07  -0.2
        1.0s     19.35nm          4.8mb
DAU     31.52 326 eP      27 30.96   0.3
GSC     31.92 313 eP      27 34.11   0.1
DUG     32.24 324 eP      27 37.05   0.3
        1.1s      5.83nm          4.4mb
TPNV    32.40 316 eP      27 39.15   0.9
HVU     33.29 326 eP      27 46.23   0.3
HHAI    34.15 328 (P)     27 51.80  -1.5
LRM     36.04 331 eP      28 10.50   1.0
LBFM    38.46 318 eP      28 29.94   0.1
MCW     43.16 327 (P)     29 08.42   0.1
INK     59.71 342 eP      31 12.50   0.0
        1.0s      2.00nm          4.2mb
MBC     62.56 352 eP      31 30.50  -1.1
        1.0s      3.00nm          4.4mb
EKA     74.48  36 Pc      32 43.80  -2.0
        0.9s      7.30nm          4.7mb
NB2     80.90  29 P       33 21.70   0.5
        0.9s      2.60nm          4.2mb
BRG     85.48  38 iP      33 44.70  -0.1
                  e       35 29.00
KHC     85.83  40 eP      33 47.00   0.3
        1.0s      5.40nm          4.7mb
                  e       34 41.00
GEC2    86.00  40 PKP     33 46.40  -1.2
        1.0s      3.27nm          4.5mb
WRA    139.16 258 PKP     40 28.80  -6.4X
        0.6s      0.30nm
GBA    147.60  26 PKP     40 50.00   0.3
      S.D. = 1.0  on  43 of  46 obs.
---------------------------------------
? JUN 09, 1994  22h 42m 52.28± 2.14s
   16.978 N ±10.3km  145.507 E ±59.5km
   DEPTH = 109.4 ± 20.3 km
   4.7mb (  2 obs.)
 MARIANA ISLANDS                  (216)

GUMO      3.42 190 eP     43 45.70   1.0
                   eS     44 31.20
PJG       3.42 190 Pn     43 44.90   0.1
                   i      43 45.70
GUA       3.47 190 eP     43 44.20  -1.1
         0.3s   114.29nm
                   eS     44 30.10
KAKJ     19.73 347 eP     47 17.20   1.6
CHJJ     19.86 344 eP     47 16.50  -0.5
MAT      20.53 343 (P)    47 23.00  -0.9
MTMJ     20.69 342 eP     47 25.80   0.2
NIIJ     20.99 345 eP     47 31.20   2.8X
OFUJ     22.28 352 P      47 40.70  -0.5
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WB2     38.29 197 iPc     50 03.90   0.1
        0.5s      6.70nm          4.8mb
                  i       50 15.10
ASPA    41.96 196 eP      50 38.30   4.3X
        0.5s      4.80nm          4.5mb
LPAZ   147.78  94 PKP     02 20.70  -3.7X
LPB    147.84  94 PKP     02 24.20   0.0
      S.D. = 1.0  on  10 of  13 obs.
---------------------------------------
* JUN 09, 1994  22h 53m 03.73± 0.71s
   24.375 N ±15.5km   92.282 E ± 7.6km
   DEPTH =  33.0km  (normal)
   4.4mb (  7 obs.)
 INDIA-BANGLADESH BORDER REGION   (315)

ODAN     5.06 300 P       54 21.19   1.6
TAPN     5.07 307 P       54 21.19   1.4
RAMN     5.73 298 P       54 30.43   1.4
        0.1s     23.00nm          5.6mb X
JIRN     6.38 302 P       54 38.69   0.4
        0.3s    138.00nm          6.3mb X
GUN      6.75 303 P       54 43.77   0.4
        0.3s     96.00nm          6.2mb X
PKI      6.96 299 P       54 46.79   0.5
KKN      7.15 300 P       54 48.79  -0.2
        0.2s     59.00nm          6.2mb X
DMN      7.22 298 P       54 49.93   0.1
        0.2s     30.00nm          6.0mb X
GKN      7.76 299 P       54 56.73  -0.7
        0.3s    173.00nm          6.6mb X
KOLN     8.51 295 P       55 06.83  -1.0
        0.2s     37.00nm          6.1mb X
DANN     8.61 299 P       55 07.43  -1.9
        0.1s     23.00nm          6.1mb X
KMI      9.54  83 ePd     55 23.80   1.7
        1.0s     10.00nm          5.0mb X
NDI     14.15 291 eP      56 32.00   8.1X
                  eS      58 57.00
HYB     14.57 244 eP      56 38.50   9.0X
                  e       56 49.00
                  eS      59 12.50
LZH     15.35  38 eP      56 37.50  -2.2
        1.2s     32.00nm          4.4mb
                  pP      56 46.00
BJI     25.44  46 eP      58 36.50   6.5X
SSE     26.40  69 eP      58 41.00   2.0
WRA     60.14 133 P       03 08.40  -2.3
        0.6s      2.50nm          4.5mb
WB2     60.15 133 iPc     03 10.80   0.1
        0.6s      7.00nm          5.0mb
ASPA    62.53 137 eP      03 27.50   0.7
        0.8s      8.10nm          4.9mb
HFS     63.54 327 eP      03 31.70  -1.2
        0.4s      1.50nm          4.4mb
      Z  17s      0.03um          3.5MszX
                  LR      33 30.00
NB2     64.70 328 P       03 39.80  -0.8
        0.6s      0.60nm          3.9mb
GEC2    64.70 314 P       03 40.90   0.0
        0.6s      0.53nm          3.8mb
                  e       03 43.10
                  e       03 52.10
      S.D. = 1.4  on  20 of  23 obs.
---------------------------------------
* JUN 09, 1994  23h 09m 58.82± 0.55s
   10.687 S ±10.4km  113.298 E ±10.5km
   DEPTH =  33.0km  (normal)
   4.8mb (  6 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM      6.80 304 ePc     11 39.00   0.0
                  iS      12 57.10
MBL     12.16 150 eP      12 45.80  -6.9X
                  iS      14 59.00
WARB    19.92 142 eP      14 30.00  -0.8
SWI     20.34  62 ePd     14 35.50   0.3
WOOL    21.76 160 iPd     14 49.50   0.0
WB2     22.27 117 iPd     14 54.50  -0.3
        0.8s     17.70nm          4.6mb
                  eS      18 51.80
ASPA    23.50 126 iPd     15 07.40   0.6
        0.7s     28.20nm          4.9mb
                  eS      19 24.40
NNT     26.76 329 eP      15 33.20  -4.5X
BDT     31.14 333 eP      16 19.00   2.1X
STKA    33.58 133 iPc     16 38.30   0.1
        0.7s     11.60nm          4.9mb
```

KMI 37.05 344 eP 17 10.00 2.0X
1.2s 20.00nm 4.9mb
SSE 42.23 10 eP 18 02.80 12.3X
GBA 42.99 303 P 18 08.00 11.0X
BJI 50.54 3 eP 18 55.50 -0.5
1.0s 6.00nm 4.5mb
MAT 52.51 25 eP 19 07.00 -4.1X
0.8s 7.46nm 4.7mb
ITR 145.87 237 (PKP) 29 37.50 0.6
SOB1 147.60 233 ePKP 29 43.80 4.1X
BAO 147.95 216 ePKP 29 44.40 4.1X
S.D. = 0.5 on 9 of 18 obs.

% JUN 09, 1994 23h 27m 14.67± 0.56s
39.568 N ± 4.5km 28.625 E ± 5.3km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 3.0 (ISK).

DST 0.04 3 iPg 27 16.50 0.5
KCT 0.71 343 iPg 27 29.40 0.5
iSg 27 39.40
BNT 0.96 326 iPg 27 32.40 -0.9
iSg 27 46.40
EDC 0.97 323 iPg 27 33.00 -0.6
eSg 27 47.00
IZI 1.01 40 iPg 27 34.00 -0.3
YLV 1.15 30 ePn 27 36.40 -0.3
KHL 1.43 150 iPn 27 41.50 0.1
HRT 1.48 32 ePn 27 41.50 -0.6
ISK 1.53 12 ePn 27 43.40 0.7
EYL 1.54 49 ePn 27 43.00 0.0
IZM 1.58 223 ePn 27 43.40 0.0
CTT 1.58 355 ePn 27 43.40 0.0
MFT 1.59 320 iPn 27 44.50 0.8
S.D. = 0.6 on 13 of 13 obs.

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* JUN 10, 1994 00h 32m 53.68± 0.88s
23.545 S ± 7.3km 179.808 W ±15.2km
DEPTH = 533.6 ± 10.8 km
4.5mb (4 obs.)
SOUTH OF FIJI ISLANDS (171)

VUN 5.74 343 eP 34 30.10 0.2
MNG 17.48 192 eP 36 27.10 -0.3
THZ 19.16 197 eP 36 44.30 0.7
KHZ 19.62 195 eP 36 47.50 -0.3
LTZ 20.28 197 P 36 53.80 -0.2
MQZ 21.05 195 eP 37 01.00 0.0
BWZ 22.57 199 eP 37 14.80 -0.1
STKA 35.02 248 eP 39 03.60 0.9
3.0s 23.40nm 4.3mb
ASPA 42.27 260 eP 40 01.50 -0.2
0.5s 13.60nm 4.7mb
eS 45 41.20
WB2 42.60 266 iPc 40 03.50 -0.8
0.5s 19.80nm 4.9mb
eS 45 37.40
NANU 59.03 257 iPd 42 04.30 -0.1
FBA 91.57 13 eP 45 02.70 -1.0
0.7s 0.80nm 3.8mb
KAF 137.56 342 iPKP 51 18.60 0.9
NUR 139.33 342 ePKP 51 14.20 -6.7X
NB2 141.76 351 PKP 51 20.10 -5.2X
0.8s 5.10nm
HFS 142.23 349 ePKP 51 21.50 -4.6X
0.3s 13.40nm
EKA 148.15 4 PKP 51 39.00 3.0X
0.5s 3.80nm
OKC 150.23 336 PKP 51 45.40 6.1X
e 51 53.80
CLL 150.56 344 iPKPd 51 46.50 6.7X
0.9s 26.00nm
i 51 55.20
e(Sg) 58 09.00
BRG 150.70 342 iPKPd 51 46.70 6.7X
0.9s 20.00nm
PRU 151.32 341 ePKP 51 47.40 6.4X
MOX 151.52 345 ePKP 51 48.60 7.3X
e 51 59.50
KHC 152.37 341 ePKP 51 50.50 7.9X
1.0s 3.50nm
e 52 04.00
GRF 152.50 344 ePKP 51 52.80 10.1X
e 52 04.10
GEC2 152.58 340 PKP 51 43.30 0.4
0.6s 0.22nm

e 51 50.60
e 51 54.70
S.D. = 0.6 on 14 of 25 obs.

% JUN 10, 1994 00h 33m 09.27± 1.33s
39.581 N ±10.0km 23.404 E ± 9.8km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 2.3 (THE).

PAIG 0.41 32 ePg 33 17.80 0.2
eSg 33 22.28
LIT 0.87 307 ePg 33 26.24 0.1
OUR 0.87 30 iPg 33 25.92 -0.1
eSg 33 36.64
AGG 1.00 237 ePg 33 28.16 -0.1
THE 1.10 342 ePg 33 29.68 -0.3
eSg 33 43.48
SOH 1.24 358 ePb 33 31.60 -0.7
eSb 33 49.04
KNT 1.63 346 iPb 33 38.90 0.9
eSb 33 58.96
S.D. = 0.6 on 7 of 7 obs.

JUN 10, 1994 01h 16m 49.80± 0.46s
11.094 S ± 7.1km 113.146 E ±10.5km
DEPTH = 33.0km (normal)
5.0mb (9 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.64 42 ePd 17 45.30 0.1
eS 18 31.50
e 22 20.00
LEM 6.91 307 iPc 18 31.20 -0.4
NANU 11.63 169 eP 19 36.00 -0.5
0.4s 9.00nm 5.3mb
eS 21 40.00
MBL 11.89 148 eP 19 38.50 -1.6
eS 21 42.00
MEEK 16.30 162 eP 20 40.00 2.1
eS 23 30.00
WOOL 21.43 160 iPc 21 43.80 6.6X
i 21 54.10
WB2 22.22 116 eP 21 50.40 5.1X
0.8s 6.80nm 4.1mb
i 22 00.80
ASPA 23.38 125 eP 22 03.40 6.7X
0.7s 8.70nm 4.4mb
i 22 11.80
STKA 33.41 133 eP 23 34.40 6.7X
1.6s 5.50nm 4.2mb
i 23 42.00
TAPN 45.49 328 P 25 08.72 0.4
0.7s 19.00nm 5.1mb
RAMN 45.76 326 P 25 10.98 0.5
0.9s 19.00nm 5.0mb
JIRN 46.55 326 P 25 17.18 0.4
0.7s 32.00nm 5.4mb
PKI 46.91 326 P 25 19.18 -0.4
DMN 47.10 325 P 25 20.95 -0.1
0.7s 32.00nm 5.4mb
KKN 47.15 326 P 25 21.31 0.0
GKN 47.67 325 P 25 25.19 -0.2
KOLN 48.08 324 P 25 28.57 -0.1
DANN 48.43 325 P 25 31.23 -0.2
0.7s 23.00nm 5.3mb
S.D. = 0.9 on 14 of 18 obs.

JUN 10, 1994 01h 25m 53.23± 0.31s
13.726 S ± 6.1km 67.325 W ± 4.8km
DEPTH = 629.0 ± 5.0 km
4.3mb (40 obs.)
NORTHERN BOLIVIA (119)

LPAZ 2.66 197 P 27 14.50 0.3
LPB 2.89 195 iPd 27 15.30 0.2
0.9s 255.46nm
CCH 3.81 163 iPd 27 21.80 1.5
ARE 4.86 235 iPd 27 26.50 -1.1
iS 28 40.00
BAO 18.80 98 eP 29 37.00 0.3
UFRS 22.09 140 eP 30 04.10 -2.2
e 30 04.30
BIM 28.74 13 iPc 31 05.28 0.7
ITR 28.76 83 eP 31 05.30 0.5
MVM 28.81 13 iPc 31 05.85 0.7
FDF 28.93 12 eP 31 06.53 0.3

CRM 29.00 13 iPc 31 07.61 0.9
HBF 48.04 345 iPd 33 39.37 -0.1
JSC 49.54 345 eP 33 49.58 -0.9
PRM 49.65 344 eP 33 50.98 -0.3
CEH 50.59 348 eP 33 57.23 -0.9
0.3s 9.34nm 4.7mb
NAV 52.33 346 iPd 34 10.37 -0.3
CVL 52.48 349 iPd 34 11.43 -0.3
MIAR 54.10 333 iPd 34 21.53 -1.6
0.6s 17.48nm 4.6mb
ePP 36 32.50
LST 54.27 338 eP 34 22.26 -2.0
LTX 55.35 321 iPd 34 29.57 -2.5
LSCT 55.39 355 iPd 34 32.22 0.2
0.5s 51.17nm 5.1mb
FVM 55.82 338 iPd 34 33.43 -1.6
0.6s 49.79nm 5.0mb
HRV 56.09 356 iPd 34 37.00 0.3
0.7s 31.18nm 4.7mb
BINY 56.21 352 iPd 34 37.77 0.1
0.4s 39.52nm 5.0mb
TUL 56.23 332 iPc 34 36.60 -1.2
WMOK 56.70 329 eP 34 39.70 -1.4
0.4s 17.92nm 4.7mb
ePcP 35 26.63
STCO 57.68 350 P 34 46.95 -0.6
TYNO 57.70 349 P 34 46.95 -0.7
LBNH 57.84 356 iPc 34 49.18 0.6
0.6s 15.75nm 4.4mb
ACTO 58.23 349 P 34 50.90 -0.4
WLVO 58.25 351 P 34 50.90 -0.5
RSNY 58.36 354 iPd 34 52.15 0.0
0.8s 25.30nm 4.5mb
LMN 59.34 2 ePd 34 58.30 -0.2
0.5s 10.00nm 4.3mb
GAC 59.61 353 ePc 35 00.70 0.5
ALQ 61.00 324 iPd 35 09.31 -0.5
0.5s 7.14nm 4.2mb
iPcP 35 44.94
TUC 61.84 319 eP 35 15.74 0.6
0.8s 7.06nm 4.0mb
GLD 63.83 328 (P) 35 28.12 0.3
1.0s 13.49nm 4.3mb
GOL 63.87 328 eP 35 28.03 -0.2
0.4s 4.92nm 4.2mb
PV08 64.81 325 ePd 35 34.16 0.0
iPcP 36 00.95
PV10 64.89 325 eP 35 33.57 -1.0
PV09 65.03 325 eP 35 35.54 0.0
KIC 65.24 76 P 35 36.00 -0.9
0.5s 9.00nm 4.4mb
SRU 66.23 324 iPd 35 42.67 -0.1
RSSD 66.58 332 eP 35 44.44 -0.4
0.5s 5.32nm 4.3mb
iPcP 36 07.35
MSU 66.78 323 iPd 35 46.72 0.6
ePcP 36 09.22
EMUT 66.88 325 ePd 35 46.90 0.1
ARUT 67.05 322 eP 35 48.52 0.7
DAU 67.53 325 ePd 35 51.23 0.4
GSC 67.62 318 iPd 35 51.64 0.5
JAQ 67.64 355 ePd 35 49.00 -1.8
TPNV 68.26 319 iPd 35 55.79 0.7
DUG 68.27 324 ePd 35 55.43 0.4
0.8s 6.33nm 4.1mb
e 38 01.66
ULM 68.45 341 ePd 35 57.00 1.2
HVU 69.30 325 eP 36 00.86 -0.3
TNP 69.56 320 eP 36 03.17 0.3
0.7s 5.54nm 4.1mb
PTI 69.82 326 eP 36 04.38 0.2
BONR 70.17 319 eP 36 07.03 0.5
PHAM 70.31 316 (P) 36 07.79 0.8
MMPM 70.43 319 eP 36 08.55 0.5
LRM 71.88 329 eP 36 16.40 0.2
ORV 73.13 319 eP 36 23.69 0.6
LBFM 74.39 320 ePd 36 30.55 0.2
LNOR 74.99 326 P 36 33.03 -0.3
VIPM 75.47 324 P 36 37.22 1.1
JBO 75.60 325 P 36 37.84 1.2
NEW 75.89 328 eP 36 37.16 -1.1
0.5s 2.05nm 3.9mb
CROR 75.96 324 P 36 40.09 1.3
DPW 76.20 327 eP 36 40.29 0.3
DBO 76.22 321 P 36 40.70 0.5
VBEM 76.35 324 P 36 41.93 1.0
SPA 76.37 180 iPc 36 39.70 -1.0

0.6s 4.47nm 4.2mb
SSOR 76.74 323 P 36 42.94 -0.1
EBG 76.88 326 P 36 44.47 0.9
ASR 76.99 325 P 36 45.03 0.7
WTV 77.02 327 P 36 44.68 0.3
FRB 77.24 359 eP 36 44.50 -0.5
0.5s 3.00nm 4.0mb
LON 77.47 325 ePd 36 46.81 0.0
FMW 77.50 325 P 36 47.28 0.2
RMW 77.88 326 eP 36 48.65 -0.3
BMW 78.11 324 iPd 36 51.05 0.9
JCW 78.38 326 P 36 51.05 -0.5
GMW 78.47 325 eP 36 52.26 0.3
MCW 79.15 326 iPd 36 56.10 0.6
STW 79.31 325 P 36 56.97 0.7
EPF 83.66 43 eP 37 19.40 0.9
0.5s 1.80nm 3.9mb
YKA 84.42 340 P 37 21.60 -0.1
0.7s 16.00nm 4.8mb
LFF 84.73 41 eP 37 23.90 0.3
0.7s 8.50nm 4.5mb
MFF 84.89 40 eP 37 24.40 0.1
LPO 84.91 42 eP 37 24.80 0.4
LPF 84.98 38 eP 37 24.40 -0.2
0.6s 4.70nm 4.3mb
GRR 85.24 38 eP 37 25.40 -0.5
0.6s 6.75nm 4.5mb
CAF 85.58 42 eP 37 27.90 0.2
0.4s 1.45nm 4.0mb
FLN 85.64 38 eP 37 27.70 -0.1
0.5s 6.05nm 4.5mb
LDF 85.77 38 eP 37 28.30 -0.2
0.6s 5.30nm 4.4mb
LSF 85.78 40 eP 37 28.50 -0.1
TCF 86.23 41 eP 37 30.50 -0.3
MAF 86.43 41 eP 37 31.60 -0.1
0.4s 1.70nm 4.1mb
BGF 86.74 41 eP 37 33.10 -0.1
0.8s 8.85nm 4.5mb
AVF 87.15 40 eP 37 34.70 -0.4
0.7s 3.30nm 4.2mb
SSF 87.36 40 eP 37 35.40 -0.6
0.4s 1.60nm 4.1mb
SMF 87.41 41 eP 37 36.20 -0.1
0.7s 5.20nm 4.4mb
LOR 87.66 40 eP 37 36.90 -0.6
0.6s 2.80nm 4.2mb
LMR 87.92 45 eP 37 39.00 0.3
FRF 88.10 44 eP 37 39.10 -0.4
0.3s 1.40nm 4.2mb
LPL 88.85 43 eP 37 44.20 0.9
0.6s 2.05nm 4.2mb
LPG 88.86 43 eP 37 44.30 0.9
0.5s 1.70nm 4.2mb
INK 94.19 340 eP 38 07.00 0.0
0.6s 1.00nm 4.2mb
GEC2 94.41 41 P 38 08.20 -0.3
0.8s 0.93nm 4.0mb
e 38 15.70
e 38 23.20
WB2 140.32 213 ePKP 44 07.00 -7.5X
0.8s 1.80nm
WRA 140.33 213 PKP 44 14.40 -0.1
0.7s 1.10nm
GBA 145.78 86 PKP 44 25.00 1.2
MAT 147.78 319 ePKP 44 30.00 3.5X
0.7s 8.22nm
S.D. = 0.8 on 110 of 112 obs.

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* JUN 10, 1994 01h 40m 24.82± 0.38s
11.199 S ±10.2km 112.221 E ±14.9km
DEPTH = 42.7km (2 depth phases)
5.0mb (11 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 4.37 50 eP 41 58.50 28.0X
eS 42 07.00
e 45 29.60
LEM 6.29 313 iPc 42 02.50 4.8X
NANU 11.73 165 eP 43 11.00 -1.6
0.3s 22.00nm 5.7mb
eS 45 14.00
MEEK 16.50 159 iPd 44 14.00 -0.9
iS 47 05.00
MRWA 18.27 169 eP 44 38.00 1.1
0.3s 9.00nm 4.4mb
eS 47 49.00

BAL 19.76 168 eP 44 57.00 2.8X
WARB 20.19 140 eP 44 59.70 0.9
0.4s 9.00nm 4.5mb
KLB 20.93 167 eP 45 13.00 6.7X
MUN 21.00 171 eP 45 11.00 3.9X
COOL 21.27 158 eP 45 15.00 5.2X
0.3s 32.00nm 5.2mb
eS 48 54.00
WOOL 21.66 158 eP 45 18.10 4.4X
eS 49 05.20
WB2 23.00 115 iPc 45 25.90 -1.1
0.5s 15.40nm 4.7mb
i 45 37.70 47km
iPcP 46 49.10
iS 49 29.70
ASPA 24.07 124 iPc 45 38.40 0.9
0.7s 11.90nm 4.5mb
i 45 48.70 38km
iS 50 01.30
STKA 34.02 132 iPd 47 07.90 1.0
0.6s 12.10nm 5.0mb
GBA 42.40 305 P 48 18.80 1.7
0.4s 5.00nm 4.5mb
ODAN 44.86 328 P 48 37.10 -0.2
TAPN 45.10 329 P 48 39.28 0.1
RAMN 45.35 327 P 48 40.92 -0.2
JIRN 46.14 327 P 48 47.52 0.0
0.6s 35.00nm 5.4mb
PKI 46.48 326 P 48 49.82 -0.4
GUN 46.50 327 P 48 50.54 0.2
0.4s 33.00nm 5.6mb
DMN 46.68 326 P 48 51.48 -0.2
KKN 46.73 327 P 48 51.70 -0.3
GKN 47.24 326 P 48 55.66 -0.3
DANN 48.00 326 P 49 01.54 -0.5
0.6s 26.00nm 5.4mb
LPB 152.45 179 PKP 00 24.30 12.1X
LPAZ 152.69 179 PKP 00 25.20 12.4X
i 00 46.00
S.D. = 0.9 on 18 of 27 obs.

% JUN 10, 1994 01h 46m 41.26± 3.76s
44.260 N ±24.1km 7.128 E ±24.4km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.1 (GEN).

STV 0.14 96 P 46 44.81 0.1
S 46 48.56
ENR 0.21 99 P 46 45.91 0.0
S 46 50.62
PZZ 0.25 356 P 46 46.55 0.0
S 46 51.45
ROB 0.53 86 P 46 52.13 0.0
S 47 00.88
FIN 0.78 93 P 46 56.30 -0.2
S 47 07.92
PCP 1.05 74 P 47 01.22 0.0
S.D. = 0.1 on 6 of 6 obs.

JUN 10, 1994 02h 16m 33.18± 0.63s
44.126 N ± 6.2km 7.040 E ± 6.0km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.2 (LDG), 2.0 (GEN).

ISO 0.06 7 ePg 16 34.64 -0.9
i 16 34.66
eSg 16 35.95
STV 0.24 60 P 16 38.58 0.3
S 16 42.33
ENR 0.29 70 P 16 39.67 0.4
S 16 44.34
PZZ 0.38 7 P 16 40.31 -0.7
S 16 45.39
SBF 0.39 133 Pg 16 41.50 0.3
Sg 16 47.70
ROB 0.62 74 P 16 45.78 0.1
S 16 54.69
FRF 0.63 207 Pg 16 44.50 -1.4
Sg 16 52.50
LRG 0.83 217 Pg 16 49.00 -0.3
Sg 16 59.30
FIN 0.84 84 P 16 49.90 0.4
S 17 01.69
LMR 0.88 206 Pg 16 48.80 -1.3
Sg 17 00.10

CDR 1.03 244 eP 16 55.40 2.8
e 17 05.50
PCP 1.16 68 P 16 55.05 0.2
S.D. = 1.2 on 12 of 12 obs.

JUN 10, 1994 03h 00m 44.59± 0.17s
38.560 N ± 4.5km 70.629 E ± 2.7km
DEPTH = 33.0km (normal)
5.4mb (109 obs.) 4.6Msz (11 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG.(717)

FRU 5.23 34 ePnc 02 04.00 1.4
e 03 14.00
i 03 34.00
AAA 6.71 43 ePn- 02 24.00 0.6
i 02 45.00
e 03 37.00
MAIO 9.14 259 iPd 02 53.40 -3.9X
0.9s 46.46nm 5.7mb
eS 04 35.00
ASH 9.68 270 eP 02 59.00 -5.6X
1.0s 240.00nm 6.4mb
iS 04 46.50
KAT 11.22 278 iPc 03 21.30 -4.3X
NDI 11.27 149 eP 03 28.00 1.6
0.8s 59.70nm 5.8mb
eS 05 34.50
PYUN 14.67 132 P 04 09.36 -2.3
0.6s 364.00nm 6.0mb
DANN 14.94 129 P 04 13.88 -1.5
0.5s 311.00nm 5.9mb
KOLN 15.27 131 P 04 17.98 -1.6
0.6s 273.00nm 5.7mb
GKN 15.73 128 P 04 23.58 -1.9
0.7s 768.00nm 6.0mb
BAK 16.11 283 iP 04 36.00 5.9X
KKN 16.28 127 P 04 30.54 -2.0
0.6s 225.00nm 5.5mb
DMN 16.30 128 P 04 30.76 -2.1
0.5s 259.00nm 5.6mb
PKI 16.52 127 P 04 33.64 -2.0
0.6s 185.00nm 5.4mb
GUN 16.58 125 P 04 34.06 -2.4
JIRN 16.95 125 P 04 39.40 -1.7
0.6s 596.00nm 5.9mb
RAMN 17.70 126 P 04 48.14 -2.3
0.6s 519.00nm 5.8mb
TAPN 18.15 123 P 04 53.98 -2.0
0.4s 126.00nm 5.4mb
ODAN 18.27 125 P 04 55.34 -2.1
0.6s 242.00nm 5.5mb
TAB 19.07 276 iP- 05 07.00 0.0
i 08 45.00
KER 19.37 265 eP 05 10.50 0.0
GRO 19.41 292 iPd- 05 10.00 -0.8
2.0s 600.00nm 5.5mb
Z 14s 18.00um 5.8Msz
N 11s 11.00um
E 16s 18.00um
iS 08 48.00
SVE 19.42 343 iPc 05 08.20 -2.6
1.8s 140.00nm 4.9mb
eS 08 40.00
MTA 19.97 287 iPd 05 15.60 -1.2
1.0s 110.00nm 5.1mb
eS 08 58.20
POO 20.15 171 eP 05 12.50 -6.4X
iS 13 04.00
PYA 21.37 294 iP 05 29.00 -2.2
1.0s 200.00nm 5.5mb
Z 16s 5.00um 5.0MszX
N 16s 3.50um
E 16s 6.50um
i 05 50.00
eS 09 23.00
KIV 21.63 293 iPd 05 32.20 -1.7
0.6s 23.00nm 4.8mb
Z 14s 2.80um 4.8MszX
e 05 39.70
eS 09 30.20
HYB 22.18 160 eP 05 41.00 1.5
1.2s 181.80nm 5.4mb
eS 09 50.00
SOC 23.76 292 eP 05 56.00 1.3
Z 17s 3.00um 4.8MszX
N 19s 2.00um
E 16s 3.00um

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                   e       06 31.00
                   eS      10 11.00
                   eSSS    10 58.00
ANN     25.54 295 iPd      06 12.50   0.8
        1.1s   180.00nm          5.6mb
     Z  16s      2.00um          4.7MszX
     N  17s      2.20um
     E  17s      4.00um
                   eS      10 34.00
                   eSS     11 35.00
GBA     25.58 165 P        06 14.10   1.8
        0.6s    30.00nm          5.1mb
                   S       11 12.10
ZAK     25.91  52 iPc      06 15.80   0.7
        1.4s   276.00nm          5.7mb
                   eS      10 36.00
GAZ     26.34 277 eP       06 20.90   1.7
LZH     26.45  85 eP       06 22.50   2.0
        1.8s   184.00nm          5.4mb
     Z  20s      3.94um          5.0Msz
     E  12s      2.58um
                   sP      06 35.00
                   PP      07 10.00
                   eS      11 03.00
IRK     27.05  49 eP       06 25.00  -0.6
        1.0s    70.00nm          5.2mb
                   e       07 10.30
SIM     27.81 295 eP       06 36.00   3.5X
     Z  18s      1.00um          4.4Msz
OBN     28.19 317 iPc      06 35.00  -0.8
        1.0s   139.00nm          5.6mb
     Z  12s      2.10um          5.0MszX
     N  18s      1.10um
     E  12s      2.00um
                   i       06 39.00
                   e       07 27.00
                   iPPP    07 36.50
                   eS      11 12.00
                   eSSS    13 00.00
BHL     28.48 271 P        06 38.00  -0.9
KMI     30.22 107 ePd      06 54.80   0.1
        1.2s    20.00nm          4.8mb
     Z  16s      1.80um          4.8MszX
     N  11s      0.90um
     E  11s      0.70um
                   S       12 10.00
                   sS      12 16.00
KIS     31.48 299 eP       07 05.00  -0.2
        0.8s   400.00nm          6.3mb
     Z  16s      2.10um          4.9MszX
     E  16s      2.30um
                   e       12 10.00
CHTO    31.49 121 eP       07 07.00   1.4
CFR     32.02 296 eP       07 14.00   4.0X
CIT     32.59  51 eP       07 14.00  -0.9
BDT     32.64 123 eP       07 16.80   1.2
MNK     32.93 312 eP       07 16.00  -1.7
     Z  16s      4.10um          5.2MszX
     E  16s      3.50um
VRI     32.99 297 ePc      07 18.00  -0.4
PUL     33.08 323 ePd      07 12.00  -7.0X
        1.4s   170.00nm          5.8mb
                   e       07 22.00
                   eS      12 34.00
                   e       14 37.00
ISR     33.16 296 eP       07 25.50   5.5X
MLR     33.56 297 eP       07 24.00   0.4
BOD     34.07  41 eP       07 25.40  -2.2
        1.0s   116.00nm          5.8mb
ALN     34.09 288 eP       07 32.10   4.1X
CMP     34.21 296 iPc      07 34.00   4.9X
NST     34.52 123 eP       07 35.00   3.1X
BJI     34.99  73 Pd       07 37.00   1.3
        1.2s    21.00nm          4.9mb
     Z  20s      2.42um          4.9Msz
     N  17s      1.98um
                   epP     07 42.00  17kmX
                   ePP     08 59.00
                   eS      13 06.00
                   eSS     15 20.00
LVZ     35.44 337 eP       07 41.50   2.2
DEV     35.65 298 ePd      07 43.00   1.7
OUR     35.74 288 eP       07 42.38   0.3
KAF     35.75 326 iP       07 41.00  -0.9
        0.8s    30.70nm          5.3mb
UZH     35.88 302 iPc      07 49.00   5.8X
        1.2s    55.00nm          5.4mb
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     Z  15s      3.00um           5.2MszX
     E  15s      2.50um
                   e       08 01.50
                   e       15 38.00
NUR     36.00 323 iP       07 43.30  -0.7
PAIG    36.06 287 eP       07 45.14   0.3
SOH     36.11 289 eP       07 49.86   4.6X
KNT     36.37 290 eP       07 47.74   0.3
NNT     36.56 127 eP       07 52.70   3.4X
GRG     36.78 289 eP       07 54.94   4.0X
LIT     36.91 288 eP       07 51.38  -0.6
AGG     37.29 286 eP       07 57.90   2.7
FNA     37.58 289 eP       08 01.90   4.2X
PHP     38.07 291 eP       08 04.90   3.2X
LSK     38.31 289 eP       08 03.50  -0.3
OKC     38.54 304 P        08 09.80   4.3X
                   (PP)    09 39.20
SRO     38.59 301 iP       08 10.90   4.9X
IGT     38.66 288 eP       08 11.46   4.8X
SRN     38.82 288 eP       08 07.80  -0.2
VLO     39.05 289 eP       08 14.00   4.2X
UPP     39.28 320 iP       08 01.00 -10.6X
ZST     39.36 302 iPc      08 17.40   5.0X
BSD     40.38 313 iPc      08 23.80   3.1X
        0.8s    49.00nm          5.3mb
PTJ     40.45 299 eP       08 25.40   3.8X
HVAR    40.63 294 eP       08 26.40   3.5X
PRU     40.85 305 eP       08 25.20   0.6
        1.1s    69.80nm          5.3mb
     Z  11s      1.00um          4.9MszX
     N  13s      0.50um
     E  10s      0.60um
                   e       08 29.30
                   PP      10 01.20
BRG     41.14 306 iP       08 27.40   0.4
        1.2s   130.00nm          5.5mb
                   i       08 31.90
HFS     41.28 321 eP       08 27.10  -0.9
        0.6s    81.70nm          5.6mb
     Z  16s      1.12um          4.8MszX
                   LR      24 55.00
KHC     41.57 304 P        08 30.50  -0.1
        1.3s    66.00nm          5.2mb
     Z  16s      1.30um          4.9MszX
     N  16s      0.60um
     E  16s      0.50um
                   e       08 35.30
                   e       08 46.00
                   e       08 57.50
                   e       10 08.50
                   e       10 33.00
CLL     41.69 307 eP       08 31.00  -0.5
                   i       08 35.90
                   e       10 18.00
SSE     41.73  84 P        08 34.20   2.2
        0.8s    29.00nm          5.1mb
     Z  20s      0.90um          4.6Msz
     N  14s      0.70um
     E  13s      1.50um
                   S       14 54.00
                   eSS     18 12.00
COP     41.79 314 iPc      08 37.00   4.8X
        0.9s   110.92nm          5.6mb
KBA     42.03 301 iPd      08 36.40   1.8
        1.2s    47.10nm          5.1mb
                   i       10 20.80
                   i       10 35.40
MGR     42.04 290 P        08 38.15   3.6X
SGO     42.10 291 P        08 43.83   8.8X
BHG     42.24 302 iPc      08 40.90   4.8X
SOI     42.28 287 P        08 41.29   4.8X
GMB     42.39 287 P        08 42.47   4.8X
YAK     42.49  37 iPc      08 36.00  -1.9
        1.5s   276.00nm          5.8mb
                   e       10 26.00
                   eS      14 55.00
                   e       18 06.00
FVI     42.50 300 P        08 40.31   2.1
NB2     42.57 322 P        08 37.10  -1.6
        0.9s    65.80nm          5.4mb
MOX     42.64 306 iPc      08 39.60   0.3
     Z  22s      1.20um          4.7Msz
                   i       08 44.20
                   ePP     10 18.90
                   eS      15 00.00
                   eSS     18 00.00
ATN     42.70 287 P        08 40.29   0.4
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RFI     42.87 292 P        08 47.36   6.1X
GRF     43.02 305 ePd      08 43.40   1.0
        0.9s    16.50nm          4.8mb
     Z  18s      0.80um          4.6Msz
                   i(pP)   08 47.80  15kmX
                   ePP     10 28.20
WTTA    43.15 301 iPc      08 43.30  -0.4
        1.0s    35.60nm          5.1mb
                   i       08 47.60
                   i       10 26.00
                   i       10 33.30
WATA    43.17 302 iPc      08 43.30  -0.6
                   i       08 47.40
                   i       10 25.30
                   i       10 35.40
FUR     43.22 303 iPc      08 45.90   1.8
        0.7s    18.00nm          4.9mb
                   i       08 48.60
ASS     43.36 295 P        08 51.11   5.8X
CTI     43.38 300 P        08 45.59   0.1
SQTA    43.44 301 iPc      08 45.40  -0.6
        1.0s    35.80nm          5.1mb
                   i       08 49.80
                   i       10 33.00
MOTA    43.49 302 iPc      08 45.70  -0.8
                   i       08 49.90
                   i       10 27.90
                   i       10 33.90
MNS     43.52 294 P        08 51.18   4.6X
MUD     43.59 315 iPc      08 51.50   4.6X
        1.0s    58.00nm          5.3mb
                   ipP     09 06.00  56kmX
                   i       10 31.00
PGD     43.82 297 P        08 50.83   1.7
OSS     44.26 301 ePc      08 52.50  -0.3
BDI     44.56 297 P        08 59.63   4.6X
VDL     44.76 301 ePc      08 56.40  -0.4
LLS     44.99 301 ePc      08 58.00  -0.7
SLE     45.14 303 ePc      08 59.40  -0.2
BOB     45.18 298 P        09 03.08   3.1X
HOFF    45.24 304 P        09 01.04   0.7
TMA     45.25 300 ePc      08 59.80  -0.9
ZLA     45.27 302 P        09 04.94   4.3X
SRBF    45.32 304 P        09 01.65   0.7
LANF    45.34 305 P        09 01.76   0.6
VAI     45.38 300 P        09 00.39  -1.0
WIT     45.39 310 eP       09 06.50   5.0X
FEL     45.43 303 P        09 01.54  -0.5
WTS     45.43 309 eP       09 02.00   0.2
        0.9s   118.90nm          5.8mb
                   i       09 06.80
                   e       10 53.50
STR     45.45 304 P        09 02.32   0.4
VLA     45.67  64 iPc      09 04.00   0.2
        1.1s   258.00nm          6.1mb
WLS     45.75 304 P        09 04.19  -0.2
CDF     45.80 304 eP       09 04.10  -0.8
        0.9s    34.05nm          5.3mb
PCP     45.86 298 P        09 07.30   1.9
MMK     45.88 300 P        09 09.22   3.5X
ECH     45.92 304 P        09 05.44  -0.3
ORO     45.97 300 P        09 04.90  -1.4
MOF     46.01 303 P        09 06.48  -0.1
PGF     46.09 296 eP       09 06.40  -0.9
        1.1s    63.00nm          5.5mb
MEM     46.17 307 iPc      09 07.88   0.3
        1.0s    31.30nm          5.2mb
                   ic      09 12.20
FIN     46.18 298 P        09 09.96   2.1
ENN     46.19 307 eP       09 12.50   4.7X
        0.9s    25.40nm          5.2mb
BSF     46.24 303 eP       09 07.40  -1.0
        1.0s    95.20nm          5.7mb
DIX     46.24 301 ePc      09 08.40  -0.2
WLF     46.26 306 iPc      09 08.83   0.5
        0.9s    59.00nm          5.5mb
                   ic      09 13.31
ROB     46.39 298 P        09 11.19   1.6
HAU     46.49 303 eP       09 09.40  -0.9
        0.6s    21.10nm          5.3mb
     Z  23s      0.52um          4.4MszX
EMS     46.57 301 P        09 15.14   4.0X
LSD     46.57 300 P        09 11.19  -0.1
RSP     46.59 299 P        09 10.55  -0.6
SAOF    46.70 298 P        09 12.16   0.2
ENR     46.72 298 P        09 12.75   0.5
DOI     46.77 299 P        09 16.45   3.9X
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10d 03h

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AUTN  46.78 298 P      09 13.46   0.6
STV   46.78 298 P      09 12.29  -0.4
SBF   46.81 298 eP     09 12.50  -0.4
      1.1s   155.80nm         5.9mb
LPG   46.84 300 eP     09 12.90  -0.5
      0.8s    34.80nm         5.4mb
LPL   46.85 300 eP     09 12.70  -0.7
      0.8s    38.70nm         5.4mb
PZZ   46.87 299 P      09 12.98  -0.4
TOUF  46.90 298 P      09 13.80   0.0
RRL   46.97 299 P      09 13.89  -0.5
DOU   47.16 307 P      09 16.80   1.3
                e      09 20.20
UCC   47.16 308 P      09 20.00   4.6X
CALN  47.22 298 P      09 16.08  -0.2
SNF   47.27 307 P      09 16.30   0.0
FRF   47.45 298 eP     09 17.00  -0.8
      1.0s    70.00nm         5.6mb
LMR   47.61 297 eP     09 18.20  -0.9
      1.5s    75.75nm         5.5mb
LRG   47.68 297 eP     09 18.90  -0.7
      1.2s    72.60nm         5.6mb
    Z  19s     0.40um         4.4Msz
LBF   48.30 303 eP     09 23.00  -1.5
      1.1s    57.65nm         5.5mb
LOR   48.31 303 eP     09 23.00  -1.5
      0.9s    40.60nm         5.5mb
    Z  23s     0.45um         4.4MszX
SMF   48.48 302 eP     09 24.80  -1.1
      1.0s    91.60nm         5.8mb
SSF   48.59 303 eP     09 25.50  -1.2
      1.0s    54.60nm         5.5mb
AVF   48.77 303 eP     09 27.00  -1.0
      1.1s   171.40nm         6.0mb
BAG   48.82 103 ePc    09 31.00   2.0
PLDF  48.82 301 P      09 28.49  -0.1
HYF   49.11 303 eP     09 30.00  -0.7
AGO   49.12 302 P      09 30.72  -0.1
BGF   49.17 302 eP     09 30.00  -1.1
LBL   49.28 301 P      09 32.54   0.4
PYM   49.29 301 P      09 32.24   0.0
MAF   49.45 302 eP     09 32.70  -0.6
      1.0s   157.60nm         6.0mb
YONJ  49.51  73 P      09 34.90   1.0
TCF   49.67 302 eP     09 34.30  -0.7
      1.0s   148.80nm         6.0mb
LSF   50.13 302 eP     09 37.30  -1.2
      1.1s    98.15nm         5.7mb
CAF   50.18 301 eP     09 38.50  -0.4
      1.0s    68.00nm         5.6mb
NAI   50.40 226 iPc    09 46.00   4.9X
PERF  50.41 297 P      09 44.09   3.4X
RJF   50.43 301 eP     09 40.50  -0.3
      0.9s    52.40nm         5.5mb
    Z  20s     0.35um         4.4Msz
TKSJ  50.44  75 P      09 41.80   0.8
MTHF  50.50 298 P      09 46.08   4.7X
LDF   50.52 306 eP     09 40.10  -1.3
      0.9s    97.60nm         5.8mb
EKA   50.62 315 P      09 40.00  -2.1
      0.7s     4.10nm         4.5mb
FLN   50.70 306 eP     09 41.30  -1.5
      1.0s    97.60nm         5.7mb
    Z  21s     0.90um         4.8Msz
LPO   50.85 301 eP     09 43.20  -0.8
      1.0s    47.60nm         5.4mb
GRR   51.05 306 eP     09 44.30  -1.1
      1.0s   146.40nm         5.9mb
LFF   51.06 301 eP     09 45.00  -0.6
      0.9s   103.50nm         5.8mb
MFF   51.13 303 eP     09 44.60  -1.5
      1.1s   105.50nm         5.7mb
GRBF  51.22 298 P      09 51.12   4.2X
TSRJ  51.26  72 P      09 47.60   0.4
LPF   51.27 305 eP     09 45.40  -1.7
      1.0s    31.60nm         5.2mb
LESF  51.33 298 P      09 51.51   3.8X
WKYJ  51.51  74 P      09 50.60   1.4
YSS   51.85  56 ePc    09 51.30  -0.2
      0.8s    40.00nm         5.4mb
    Z  15s     1.00um         5.0MszX
    N  15s     0.50um
    E  15s     0.60um
              (S)      17 10.00
EPF   51.98 299 eP     09 50.80  -1.9
      0.9s    21.45nm         5.1mb
ENSF  52.06 299 P      09 57.93   4.6X
```

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MTMJ  52.18  70 P      09 54.40   0.1
MRRJ  52.30  62 eP     09 54.40  -0.6
KKM   52.37 116 ePc    09 59.00   3.1X
DAG   52.70 343 iPd    09 56.50  -1.1
      0.8s    48.51nm         5.5mb
ASAJ  52.77  59 P      09 58.10  -0.4
NIIJ  52.80  69 P      09 57.90  -0.9
YAMJ  53.17  67 P      10 02.00   0.4
CHJJ  53.28  70 eP     10 01.80  -0.5
HOOJ  53.84  61 eP     10 06.10  -0.2
OFUJ  53.98  66 eP     10 06.50  -0.9
KAKJ  54.08  69 P      10 07.00  -1.2
ECRI  54.08 299 P      10 08.47   0.2
ECHE  54.18 295 iPc    10 13.65   4.7X
KUSJ  54.54  60 eP     10 10.20  -1.3
TSM   54.76 116 ePd    10 16.00   2.5
AKU   55.10 330 iPc    10 20.40   5.1X
      1.5s    66.67nm         5.4mb
EALH  55.21 294 iPd    10 21.25   4.8X
PLP   55.40 104 ePd    10 20.30   2.2
EVIA  55.66 295 iPd    10 23.69   3.9X
GUD   55.99 298 eP     10 22.00  -0.2
EHUE  56.07 294 iPd    10 26.85   4.1X
ENIJ  56.15 293 iPd    10 27.79   4.5X
EBAN  56.77 295 eP     10 27.44  -0.3
ECOG  57.00 294 iPc    10 31.87   2.4
ERON  57.28 294 iPd    10 33.06   1.5
ELUQ  57.37 294 iPd    10 31.47  -0.6
ELOJ  57.47 294 eP     10 33.84   1.0
BCAO  58.14 248 iPd    10 38.60   1.0
      0.6s    11.00nm         5.1mb
                i      10 43.00
EPRU  58.33 294 eP     10 39.09   0.4
DAV   58.47 108 eP     10 44.00   4.1X
PET   59.27  45 eP     10 43.00  -2.0
      1.0s    60.00nm         5.7mb
    Z  18s     0.40um         4.6Msz
IFR   59.85 291 iPd    10 54.50   5.0X
AVE   61.63 291 iP     11 05.00   3.6X
ILT   61.97  24 iPc    11 01.00  -2.2
      1.2s    23.00nm         5.2mb
                i      11 42.00
                i      13 22.00
                eS     19 24.00
MBC   65.30   3 eP     11 24.00  -0.8
      0.9s    19.00nm         5.2mb
SMY   67.56  40 eP     11 39.26  -0.3
      0.5s    17.11nm         5.4mb
IMA   70.25  18 eP     11 54.69  -1.5
      0.9s    11.97nm         5.0mb
INK   71.92   9 eP     12 06.00   0.0
      0.7s     8.00nm         4.8mb
TTA   72.20  20 ePc    12 07.26  -0.6
      1.0s    10.84nm         4.8mb
FBA   72.58  16 eP     12 09.71  -0.2
      0.8s     3.71nm         4.4mb
FRB   73.01 342 eP     12 12.50   0.1
      1.0s    12.00nm         4.8mb
SVW   73.78  21 eP     12 17.55   0.5
      0.9s    34.16nm         5.3mb
CP2   74.59  20 eP     12 21.78  -0.2
KIC   74.63 266 P      12 22.71   0.1
      0.9s    37.00nm         5.4mb
TIC   74.67 266 P      12 22.95   0.1
      1.1s    27.50nm         5.2mb
LIC   74.93 266 P      12 19.69  -4.7X
      1.2s    39.50nm         5.3mb
    Z  19s     0.26um         4.6Msz
PMR   75.11  18 eP     12 24.27  -0.4
      0.6s     8.64nm         4.9mb
SLKM  75.76  20 eP     12 27.64  -0.8
KLU   75.97  17 eP     12 29.97   0.3
LBTB  76.02 221 eP     12 32.45   2.1
      0.7s    14.69nm         5.1mb
KDS   76.73 276 eP     12 35.00   0.5
KDC   77.46  22 eP     12 37.52  -0.3
      1.1s    41.30nm         5.4mb
YKA   79.21   2 P      12 47.70   0.4
      0.5s     5.40nm         4.8mb
WRA   83.33 122 P      13 11.60   2.0
      0.6s    13.90nm         5.3mb
WB2   83.33 122 iPd    13 10.90   1.2
      0.5s    27.00nm         5.6mb
                i      13 16.90
JAQ   83.53 341 eP     13 10.50   0.3
PMG   85.45 106 eP     13 22.00   1.7
ASPA  85.67 125 iPc    13 22.40   1.1
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       1.0s    25.20nm          5.4mb
GAC    90.76 337 eP     13 52.00   6.6X
RSNY   91.50 336 (P)    13 50.46   1.6
       1.0s     8.78nm          5.1mb
CTA    91.66 114 iP     13 53.20   3.4X
                 i      13 58.00
MCW    92.32   9 eP     13 53.97   1.3
JCW    92.91   8 P      13 56.64   1.3
NEW    93.28   5 eP     13 58.44   1.4
       0.8s     9.20nm          5.3mb
                 e      14 03.60
GMW    93.44   9 eP     13 59.96   2.2
DPW    93.59   6 eP     13 59.87   1.3
                 e      14 04.44
RMW    93.64   8 eP     14 00.10   1.3
                 e      14 05.38
SAW    93.65   7 P      13 59.98   1.2
FMW    94.18   8 P      14 02.68   1.2
EBG    94.32   8 P      14 03.10   1.2
LON    94.34   9 eP     14 03.32   1.3
BMW    94.44  10 eP     14 03.93   1.4
SHW    94.84   9 eP     14 06.48   2.0
ASR    94.96   8 P      14 06.49   1.5
LRM    95.95   2 eP     14 11.00   1.3
CROR   96.18   8 P      14 11.99   1.5
RSSD   97.56 356 eP     14 18.02   1.1
       0.8s     2.74nm          4.8mb
SPA   128.37 180 ePKP   19 50.00   1.5
       0.6s     0.41nm
SIV   132.19 284 PKP    19 58.60   1.5
LPAZ  137.66 290 PKP    20 09.70   1.4
LPB   137.79 290 PKP    20 09.50   1.2
ARE   140.23 293 ePKP   20 16.00   3.5X
     S.D. = 1.2  on 217 of 283 obs.
----------------------------------------
? JUN 10, 1994  03h 18m 00.73± 6.47s
  44.120 N ±27.6km    6.899 E ±35.5km
  DEPTH = 10.0km (geophysicist)
 FRANCE                           (538)
      ML 2.1 (GEN).

ISO     0.13  60 ePg    18 03.67  -0.2
                 i      18 03.69
                 e      18 04.99
STV     0.33  68 P      18 07.59   0.0
                 S      18 11.43
ENR     0.39  74 P      18 08.69  -0.1
                 S      18 13.22
PZZ     0.41  21 P      18 09.24   0.1
                 S      18 14.27
ROB     0.72  76 P      18 14.91   0.0
                 S      18 23.65
FIN     0.95  84 P      18 19.02   0.2
                 S      18 30.86
PCP     1.25  70 P      18 24.18   0.1
                 S      18 39.41
     S.D. = 0.2  on   7 of   7 obs.
----------------------------------------
? JUN 10, 1994  03h 26m 38.15± 6.23s
  40.706 N ±28.6km   20.754 E ±44.7km
  DEPTH =  5.0km (geophysicist)
 GREECE-ALBANIA BORDER REGION     (392)
      ML 2.3 (THE).

FNA     0.48  80 iPg    26 47.98   0.2
                 eSg    26 55.52
GRG     1.28  78 ePb    27 01.88  -0.4
                 eSb    27 22.08
LIT     1.46 114 ePb    27 05.17   0.0
                 eSb    27 26.28
KNT     1.69  74 ePb    27 08.64   0.2
     S.D. = 0.5  on   4 of   4 obs.
----------------------------------------
? JUN 10, 1994  03h 41m 24.95± 6.77s
  39.342 N ±13.7km   26.046 E ±67.2km
  DEPTH = 10.0km (geophysicist)
 TURKEY                           (366)
      ML 2.9 (ISK).

EZN     0.53  24 iPg    41 34.90  -0.8
                 iSg    41 42.90
IZM     1.34 134 ePn    41 49.40  -0.2
MFT     1.73  33 ePn    41 56.00   0.7
KCT     2.00  62 ePn    41 59.40   0.3
     S.D. = 1.1  on   4 of   4 obs.
----------------------------------------
  JUN 10, 1994  04h 12m 22.29± 0.44s
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42.686 N ± 3.9km 18.906 E ± 3.9km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.1 (TTG).

NKY 0.14 28 iPgd 12 26.64 0.9
iSg 12 29.54
BRY 0.34 309 iPgc 12 29.26 -0.2
iSg 12 34.99
TTG 0.37 134 iPgd 12 29.73 -0.1
iSg 12 35.82
HCY 0.38 232 iPgd 12 30.25 0.1
iSg 12 36.64
BDV 0.41 188 iPgd 12 30.87 0.3
iSg 12 37.52
PLE 0.74 29 iPgd 12 36.48 -0.3
iSg 12 47.52
IVA 0.75 75 iPgd 12 36.82 -0.3
iSg 12 47.99
ULC 0.77 160 iPgd 12 37.07 -0.2
iSg 12 48.87
PVY 0.79 96 iPgc 12 37.79 0.0
iSg 12 49.66
HVAR 1.87 286 ePn 12 54.40 -0.2
iSn 13 19.50
S.D. = 0.4 on 10 of 10 obs.

& JUN 10, 1994 05h 36m 44.20s
62.880 N 135.531 W
DEPTH = 10.0km (geophysicist)
SOUTHERN YUKON TERRITORY, CANADA(18)
<PGC-P>. ML 3.5 (PGC).

DAWY 2.10 306 Pn 37 18.62 -1.3
eSg 37 49.37
DWY 2.11 306 Pn 37 18.50 -1.5
Pg 37 23.90
Lg 37 50.60
WHY 2.25 172 Pn 37 21.22 -0.9
Pg 37 24.75
Sg 37 53.82
HYT 2.26 205 Pn 37 22.50 0.1
Pg 37 25.90
Lg 37 54.00
INK 5.51 8 ePn 38 07.17 -1.1
5 obs. associated

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* JUN 10, 1994 05h 47m 10.44± 1.12s
2.762 N ±10.4km 76.048 W ±15.2km
DEPTH = 55.3 ± 15.8 km
3.8mb (1 obs.)
COLOMBIA (103)

PSO 2.01 219 eP 47 43.00 0.0
BOG 2.71 47 iP 47 53.50 0.8
iS 48 30.00
BMG 5.21 35 eP 48 27.00 -0.8
LPAZ 20.48 158 P 51 46.60 -0.4
i 56 56.60
LPB 20.72 158 P 51 49.50 0.3
YKA 66.11 342 P 57 53.90 0.2
0.6s 0.60nm 3.8mb
WB2 145.76 238 iPKPd 06 50.30 4.9X
0.9s 3.40nm
WRA 145.77 238 PKP 06 56.00 10.6X
0.7s 0.60nm
S.D. = 0.9 on 6 of 8 obs.

JUN 10, 1994 06h 25m 57.85± 0.10s
41.527 N ± 2.3km 88.710 E ± 1.9km
DEPTH = 0.0km (geophysicist)
5.8mb (133 obs.)
SOUTHERN XINJIANG, CHINA (321)
Probable underground nuclear
explosion.

FRU 10.54 282 eP 28 32.00 -1.4
eS 30 43.00
ZAK 13.44 44 eP 29 12.20 -0.1
1.0s 97.00nm 5.8mb
eS 31 40.00
DANN 13.75 199 P 29 15.32 -1.6
0.6s 503.00nm 6.6mb
GUN 13.78 191 P 29 16.06 -1.2
0.7s 206.00nm 6.1mb
GKN 13.90 195 P 29 16.64 -2.0
JIRN 13.99 189 P 29 19.08 -0.9
0.3s 205.00nm 6.4mb
KKN 13.99 193 P 29 18.36 -1.5
0.5s 130.00nm 6.0mb
PKI 14.18 192 P 29 21.36 -1.2
0.8s 479.00nm 6.3mb
PYUN 14.19 201 P 29 19.32 -3.2X
DMN 14.20 193 P 29 20.94 -1.7
0.7s 194.00nm 6.0mb
KOLN 14.35 199 P 29 21.78 -2.8
1.0s 443.00nm 6.2mb
RAMN 14.64 187 P 29 26.36 -2.2
ODAN 14.67 185 P 29 27.24 -1.6
0.6s 706.00nm 6.5mb
IRK 15.10 39 ePc 29 35.20 1.1
1.1s 315.00nm 5.7mb
NDI 15.87 220 ePd 29 41.00 -3.3X
0.6s 86.67nm 5.1mb
CIT 19.91 50 eP 30 32.50 -1.4
BJI 20.82 85 P 30 44.00 0.6
0.6s 102.00nm 5.3mb
Z 14s 0.53um 4.1MszX
eLg 36 48.00
BOD 22.99 36 eP 31 04.10 -0.9
1.2s 146.00nm 5.4mb
MAIO 23.26 267 iPc 31 09.50 1.5
ASH 23.56 271 eP 31 13.00 2.3
1.0s 350.00nm 5.9mb
SVE 23.65 320 iPc 31 12.90 1.5
1.3s 240.00nm 5.6mb
CHTO 24.27 156 iPc 31 18.50 0.8
0.9s 37.94nm 5.1mb
BDT 25.77 157 iPc 31 32.50 0.5
1.0s 69.00nm 5.3mb
POO 26.20 213 eP 31 29.00 -7.1X
LOE 26.51 151 eP 31 39.00 0.1
NST 27.59 156 eP 31 50.00 1.3
GBA 29.50 203 Pc 32 04.50 -1.5
0.6s 10.00nm 4.8mb
GRO 31.55 288 iPd 32 26.00 2.1
1.0s 110.00nm 5.7mb
TATO 31.76 111 (P) 32 28.17 2.3
YAK 31.83 36 eP 32 22.00 -4.1X
0.8s 261.00nm 6.2mb
TAB 32.51 278 eP 32 34.00 1.4
PYA 33.28 290 iPd 32 39.00 0.0
i 33 50.00
KER 33.33 271 iPc 32 41.30 1.6
KIV 33.55 290 iPd 32 42.70 1.2
0.4s 22.00nm 5.4mb
Z 17s 0.05um 3.3MszX
SHNJ 34.03 88 eP 32 46.00 0.5
DHR 35.11 257 ePc 32 56.00 1.1
KAGJ 35.20 93 P 32 55.30 -0.4
YONJ 35.35 85 P 32 55.90 -1.0
TKSJ 36.29 87 P 33 04.80 -0.1
OBN 36.34 310 eP 33 03.60 -1.5
0.9s 93.00nm 5.6mb
Z 14s 0.50um 4.4MszX
E 14s 0.20um
e 34 36.00
ePPP 34 44.00
i 35 29.00
eS 38 48.00
CVP 36.95 120 ePc 33 12.80 2.2
TSRJ 37.09 83 P 33 11.50 -0.1
ANN 37.11 293 iPd 33 11.80 0.2
WKYJ 37.35 86 P 33 13.80 -0.1
MTMJ 38.03 81 eP 33 19.40 -0.2
MAJO 38.35 81 eP 33 20.85 -1.3
0.8s 19.74nm 4.9mb
MAT 38.35 81 eP 33 21.00 -1.2
YSS 38.41 63 ePc 33 22.70 0.2
0.8s 40.00nm 5.2mb
Z 13s 0.50um 4.5MszX
E 13s 0.40um
RYD 38.62 258 ePc 33 25.50 0.9
NIIJ 38.67 79 P 33 23.10 -1.7
LVZ 38.91 331 iPc 33 26.30 -0.3
e 34 59.10
MJMA 38.94 260 ePc 33 27.30 0.0
ASAJ 39.05 68 eP 33 27.70 -0.3
CHJJ 39.13 81 eP 33 28.90 0.2
PUL 39.75 318 (P) 33 33.50 -0.1
1.0s 200.00nm 5.7mb
e 35 02.00
KAKJ 39.94 80 eP 33 34.70 -0.7
HOOJ 40.00 70 eP 33 35.80 0.0
QASM 40.11 262 ePc 33 37.60 0.6
KUSJ 40.78 68 eP 33 40.40 -1.8
UQSK 41.15 262 ePc 33 47.60 2.0
KGM 41.48 158 ePc 33 49.10 0.9
MNK 41.68 309 eP 33 47.00 -2.5
KAF 41.72 321 iP 33 49.80 0.1
0.5s 30.30nm 5.3mb
SDF 41.93 329 iP 33 51.90 0.5
BHL 42.10 277 P 33 53.00 -0.3
KIS 42.29 298 iPc 33 55.00 0.5
0.9s 230.00nm 5.9mb
e 35 38.00
e 36 03.00
NUR 42.57 319 iP 33 56.90 0.2
0.4s 43.80nm 5.5mb
FAM 42.84 280 eP 34 00.50 1.3
KKM 42.99 138 ePc 34 03.50 2.7
LFK 43.07 280 eP 34 02.00 0.8
CSS 43.35 280 eP 34 03.50 0.1
PPCY 44.12 280 eP 34 10.00 0.4
MLR 44.67 297 ePc 34 13.00 -1.1
HQL 44.76 272 ePc 34 16.60 1.7
WAJH 45.27 267 ePc 34 21.00 2.0
TAIF 45.27 259 ePc 34 21.00 1.7
DHJN 45.30 252 ePc 34 21.30 1.7
TSM 45.33 137 ePc 34 20.90 1.4
ABHA 45.44 253 ePc 34 23.30 2.6
KSL 45.61 283 iPd 34 20.50 -1.0
UZH 46.09 302 eP 34 24.00 -1.2
1.0s 62.00nm 5.6mb
i 35 59.80
UPP 46.13 319 iPc 34 25.20 -0.1
ALN 46.20 291 eP 34 27.06 0.9
PET 47.01 51 eP 34 31.00 -1.3
OUR 47.87 291 eP 34 39.78 0.5
HFS 48.01 319 iPc 34 39.70 -0.5
0.4s 108.70nm 6.3mb
Z 16s 0.05um 3.6MszX
LR 53 34.00
SOH 48.11 292 eP 34 41.66 0.4
PAIG 48.24 291 eP 34 42.62 0.4
KNT 48.29 293 eP 34 43.06 0.4
OKC 48.31 305 Pd 34 43.30 0.6
e 35 55.70
VAY 48.46 293 iPd 34 44.60 0.7
0.8s 100.00nm 6.0mb
BSD 48.63 313 iPc 34 44.20 -0.8
0.7s 85.00nm 5.9mb
GRG 48.72 293 eP 34 46.18 0.2
NPS 48.88 284 iPc 34 47.50 0.2
SKO 48.97 294 iP 34 48.60 0.7
0.8s 100.00nm 5.9mb
NB2 49.00 321 P 34 47.10 -0.8
0.5s 57.50nm 5.9mb
LIT 49.01 292 eP 34 48.14 0.0
ATH 49.04 288 iPc 34 49.00 0.6
KZN 49.42 292 iPd 34 51.50 0.1
FNA 49.50 293 eP 34 51.82 -0.2
ZST 49.51 303 iP 34 52.80 0.9
AGG 49.57 290 eP 34 51.98 -0.6
PHP 49.77 294 eP 34 54.00 -0.1
COP 49.82 314 iPd 34 55.00 0.9
0.8s 116.42nm 5.9mb
VAM 49.84 285 eP 34 55.00 0.4
VKA 49.97 304 iPc 34 56.70 1.2
KONO 50.13 319 ePc 34 56.28 -0.3
0.6s 69.22nm 5.8mb
VLI 50.15 287 iPd 34 55.00 -2.0
LACI 50.29 295 iPd 34 59.00 1.0
LSK 50.30 292 iPc 34 58.50 0.3
TIR 50.31 294 eP 34 57.60 -0.5
PRU 50.46 306 ePc 34 59.90 0.8
0.7s 57.70nm 5.6mb
BRG 50.51 308 iPc 34 59.80 0.3
1.0s 46.00nm 5.4mb
iPcP 36 18.10
TPE 50.65 293 iP 34 55.00 -5.7X
IGT 50.75 292 eP 35 00.46 -1.0
CLL 50.91 308 iPc 35 02.70 0.1
0.9s 115.00nm 5.8mb
iPcP 36 18.90
KEK 51.04 292 iPd 35 02.70 -1.0
PTJ 51.08 301 iP 35 04.50 0.5
VLS 51.17 290 eP 34 54.30 -10.4X
MUD 51.32 316 iPc 35 05.80 0.3
0.8s 87.00nm 5.7mb
ipP 35 19.60 51kmX

10d 06h

KHC	51.35	306 Pc	35 07.00	1.0
	1.0s	25.00nm		5.1mb
		e	35 30.50	
		e	35 59.00	
GEC2	51.38	305 P	35 06.60	0.3
	0.7s	19.02nm		5.2mb
		PcP	36 21.70	
VBY	51.69	301 iPc	35 08.90	0.4
WET	51.77	306 iPc	35 09.90	0.7
	0.8s	53.00nm		5.5mb
HVAR	51.85	298 iPc	35 08.30	-1.5
HOF	51.94	308 iPc	35 10.70	0.3
	0.8s	39.00nm		5.4mb
MOX	51.97	308 iPc	35 10.90	0.3
	1.0s	54.00nm		5.4mb
		e	35 14.80	
KBA	52.28	303 iPc	35 13.30	0.0
	0.6s	26.90nm		5.4mb
BHG	52.32	304 iPc	35 14.30	1.0
	1.0s	146.00nm		5.9mb
GRF	52.56	307 iPc	35 16.10	1.0
	0.8s	85.20nm		5.7mb
Z	14s	0.10um		4.0MszX
FUR	53.13	305 iPc	35 20.40	1.0
	0.9s	203.00nm		6.1mb
ORI	53.20	294 P	35 21.06	1.1
ILT	53.24	28 iPc	35 18.20	-1.6
	0.9s	74.00nm		5.6mb
		i	36 25.00	
WTTA	53.27	304 iPc	35 20.70	0.1
	0.6s	143.00nm		6.1mb
WATA	53.28	304 iPc	35 20.60	-0.1
FG4	53.36	296 P	35 21.70	0.6
TDS	53.46	294 P	35 21.01	-0.9
SQTA	53.56	304 iPc	35 22.60	0.0
	0.6s	110.00nm		6.0mb
MOTA	53.57	304 iPc	35 22.70	-0.1
SGO	53.76	295 P	35 24.67	0.7
CTI	53.77	303 P	35 23.61	-0.6
MGR	53.78	295 P	35 24.17	0.0
DAG	53.79	344 iPd	35 23.20	-0.6
	0.5s	101.41nm		6.1mb
GRI	53.79	293 P	35 24.75	0.4
OGA	53.82	304 iPc	35 24.40	-0.2
	0.8s	71.00nm		5.7mb
DUI	53.84	297 P	35 25.59	0.9
WIT	53.99	312 eP	35 27.50	2.0
ARV	54.03	299 P	35 26.25	0.2
WTS	54.23	311 iPc	35 27.90	0.6
	0.7s	67.10nm		5.8mb
		ePcP	36 32.50	
AQU	54.23	298 P	35 28.37	0.8
RFI	54.32	297 P	35 28.79	0.7
SOI	54.39	292 P	35 28.82	0.1
ASS	54.40	299 P	35 20.20	-8.6X
OSS	54.44	304 iPc	35 29.30	0.1
GMB	54.48	292 (P)	35 29.71	0.2
SFI	54.56	300 (P)	35 31.05	1.2
CRE	54.62	300 (P)	35 31.17	0.7
PGD	54.66	300 (P)	35 31.97	1.1
MNS	54.70	298 (P)	35 30.83	-0.2
ATN	54.76	292 (P)	35 30.67	-0.8
LANF	54.90	307 P	35 32.33	0.0
VDL	54.95	304 iPc	35 32.80	-0.2
RDP	54.96	298 (P)	35 33.13	0.2
SLE	55.00	306 iPc	35 33.10	0.0
LLS	55.08	305 iP	35 33.40	-0.5
MDI	55.11	303 (P)	35 33.25	-0.6
ZLA	55.18	305 iPc	35 34.20	-0.3
FEL	55.24	306 P	35 34.52	-0.5
ENN	55.24	310 iPc	35 34.70	-0.1
	0.7s	85.30nm		5.9mb
MEM	55.26	310 iPc	35 34.95	0.0
	0.9s	19.00nm		5.1mb
BDI	55.30	301 (P)	35 35.45	0.0
LIBD	55.37	306 P	35 35.71	-0.1
MNO	55.40	293 (P)	35 36.49	0.1
WLS	55.41	307 P	35 35.66	-0.5
CDF	55.46	307 iPc	35 36.10	-0.4
	0.9s	89.10nm		5.8mb
TMA	55.49	304 iPc	35 36.00	-0.9
PII	55.51	301 P	35 36.49	-0.3
WLF	55.58	309 iPd	35 37.89	0.7
ECH	55.61	307 P	35 37.27	-0.3
MEU	55.64	292 (P)	35 38.43	0.5
VAI	55.66	304 (P)	35 36.71	-1.1
BOB	55.72	302 (P)	35 38.75	0.3

BBS	55.73	306 P	35 37.81	-0.6
MOF	55.79	306 P	35 38.63	-0.3
GIB	55.84	293 (P)	35 37.93	-1.4
SMY	55.88	47 eP	35 37.05	-2.3
	0.6s	40.79nm		5.6mb
GUMO	55.89	103 (P)	35 42.70	2.9
	1.1s	275.88nm		6.2mb
BSF	56.00	306 iPc	35 40.10	-0.4
	0.8s	55.05nm		5.6mb
MMK	56.08	304 ePc	35 40.50	-0.7
HAU	56.19	307 iPc	35 41.30	-0.4
	0.5s	30.45nm		5.6mb
LOMF	56.20	306 P	35 41.43	-0.4
ORO	56.26	304 P	35 40.61	-1.8
DOU	56.30	310 Pc	35 42.70	0.3
PCP	56.40	302 P	35 41.92	-1.4
DIX	56.41	304 iPc	35 43.70	0.1
CKI	56.62	302 P	35 43.88	-1.0
EMS	56.71	304 iPc	35 45.50	-0.2
FIN	56.77	302 P	35 44.30	-1.6
LSD	56.85	304 P	35 46.72	-0.1
RSP	56.93	303 P	35 44.89	-2.3
ROB	56.94	302 P	35 45.76	-1.5
PGF	57.04	300 iPc	35 48.10	0.1
	0.6s	143.20nm		6.2mb
LPG	57.09	304 iPc	35 49.00	0.5
	0.6s	333.30nm		6.5mb
LPL	57.09	304 iPc	35 48.90	0.4
	0.6s	375.15nm		6.6mb
DOI	57.24	303 P	35 47.43	-1.9
ENR	57.26	302 P	35 47.87	-1.6
SAOF	57.29	302 P	35 49.82	0.2
STV	57.31	302 P	35 48.05	-1.8
PZZ	57.33	303 P	35 47.87	-2.2
RRL	57.34	303 P	35 49.88	-0.3
AUTN	57.36	302 P	35 50.42	0.0
SBF	57.42	302 iPc	35 50.60	0.0
	0.6s	330.45nm		6.5mb
TOUF	57.47	302 P	35 51.46	0.3
AURF	57.48	302 P	35 51.25	0.2
FOUF	57.52	303 ePc	35 50.92	-0.2
REVF	57.52	302 P	35 51.03	-0.3
CALN	57.82	302 P	35 53.37	-0.1
LOR	58.03	307 iPc	35 53.80	-0.9
	0.6s	104.25nm		6.0mb
FRF	58.07	302 iPc	35 54.70	-0.3
	0.6s	94.85nm		6.0mb
LBF	58.09	307 iPc	35 54.20	-1.0
	0.9s	68.15nm		5.7mb
EKA	58.13	318 Pc	35 53.96	-1.3
	0.6s	46.90nm		5.7mb
LMR	58.27	302 iPc	35 56.20	-0.2
	0.6s	82.25nm		6.0mb
LRG	58.30	302 iPc	35 56.50	-0.2
	0.5s	81.35nm		6.0mb
SMF	58.33	306 iPc	35 56.40	-0.5
	0.7s	228.40nm		6.3mb
SSF	58.34	307 iPc	35 56.10	-0.8
	0.5s	60.05nm		5.9mb
BRW	58.36	20 eP	35 55.45	-1.2
AVF	58.56	307 iPc	35 57.90	-0.5
	0.7s	117.30nm		6.1mb
CDR	58.57	302 ePd	35 58.40	-0.2
HYF	58.76	307 iPc	35 59.50	-0.3
PLDF	58.79	306 P	35 59.60	-0.6
BGF	58.98	307 iPc	36 00.80	-0.6
	0.6s	93.05nm		6.1mb
AGO	59.05	306 P	36 01.77	-0.1
PYM	59.27	306 P	36 03.50	0.0
MAF	59.31	306 iPc	36 03.70	0.0
	0.6s	189.75nm		6.4mb
LBL	59.38	305 P	36 04.26	0.0
TCF	59.49	307 iPc	36 04.90	-0.1
	0.6s	243.15nm		6.5mb
ANM	59.55	29 eP	36 04.31	-0.8
LDF	59.73	310 iPc	36 05.90	-0.6
	0.6s	123.75nm		6.2mb
FLN	59.85	310 iPc	36 06.60	-0.8
	0.5s	80.75nm		6.1mb
LSF	59.92	307 iPc	36 07.10	-0.8
	0.7s	62.60nm		5.9mb
GRR	60.26	310 eP	36 09.20	-0.9
	0.6s	144.30nm		6.3mb
CAF	60.26	305 iPc	36 10.40	0.1
	0.8s	61.50nm		5.8mb
RJF	60.40	306 iPc	36 11.50	0.3
	0.6s	126.60nm		6.2mb

LPF	60.54	310 iPc	36 11.40	-0.7
	0.6s	64.75nm		5.9mb
MFF	60.74	308 iPc	36 12.90	-0.6
	0.7s	67.90nm		5.9mb
LPO	60.92	305 iPc	36 14.90	0.2
	0.5s	130.05nm		6.3mb
PERF	61.00	302 P	36 13.48	-1.9
LFF	61.06	306 iPc	36 16.00	0.3
	0.6s	220.05nm		6.5mb
MBC	61.14	7 ePc	36 15.10	-0.7
	0.5s	33.00nm		5.7mb
VDCF	61.27	303 P	36 16.69	-0.5
TRGS	61.57	303 P	36 19.27	-0.1
GRBF	61.66	303 P	36 19.49	-0.4
PAND	61.82	303 P	36 21.05	-0.1
SALF	61.92	303 P	36 19.50	-2.1
EPF	62.31	304 eP	36 23.50	-0.7
	0.5s	96.80nm		6.3mb
ESEL	62.42	300 iPd	36 25.77	0.9
ENSF	62.43	304 P	36 25.45	0.3
IMA	62.55	24 ePc	36 24.72	-0.8
	0.6s	58.28nm		6.0mb
EGRA	63.16	304 iPc	36 26.93	-2.8
ELIZ	63.39	305 eP	36 31.88	0.6
EROQ	63.45	302 eP	36 31.48	-0.2
TTA	63.86	27 ePc	36 33.90	-0.3
	0.5s	7.09nm		5.2mb
ECRI	64.30	305 eP	36 37.90	0.6
ECHE	65.01	302 iPc	36 42.19	0.2
ETOR	65.01	303 eP	36 41.52	-0.5
FBA	65.13	23 ePc	36 41.65	-0.6
	0.7s	20.62nm		5.5mb
SVW	65.20	29 ePc	36 43.27	0.4
	0.8s	115.11nm		6.2mb
INK	66.02	16 ePc	36 47.40	-0.5
	0.6s	31.00nm		5.7mb
EALH	66.28	300 eP	36 50.71	0.7
CP2	66.30	27 eP	36 49.99	-0.1
GUD	66.42	304 iPc	36 51.23	0.1
	0.7s	0.07nm		3.0mb X
EVIA	66.53	301 iPc	36 52.25	0.5
MTN	66.75	134 eP	36 53.00	-0.2
SDN	67.06	35 eP	36 52.15	-2.5
	0.6s	21.99nm		5.6mb
EHUE	67.06	301 eP	36 55.41	0.2
PMR	67.11	26 eP	36 53.76	-1.2
	0.6s	29.17nm		5.7mb
PAB	67.18	303 iPc	36 55.80	-0.1
	0.9s	50.42nm		5.7mb
AUP	67.20	29 eP	36 54.63	-1.1
ERUA	67.24	307 eP	36 56.50	0.4
ENIJ	67.30	300 eP	36 57.58	1.0
SLKM	67.53	27 ePc	36 56.42	-1.3
EBAN	67.63	302 iPc	36 58.79	0.1
TOA	67.69	25 ePc	36 58.70	0.0
	0.4s	152.00nm		6.6mb
EPLA	67.96	304 iPc	37 01.10	0.4
ECOG	68.01	301 eP	37 00.30	-0.9
KLU	68.22	25 ePc	37 01.11	-1.0
EGUA	68.26	300 eP	37 01.94	-0.7
ELUQ	68.29	301 eP	37 02.83	0.0
ERON	68.31	301 eP	37 02.22	-0.9
NANU	68.44	153 eP	37 04.00	0.3
ELOJ	68.46	301 iPc	37 03.11	-0.8
KDC	68.68	30 ePc	37 03.89	-0.9
	0.5s	25.03nm		5.7mb
MBL	68.72	149 iPc	37 05.40	0.0
	0.4s	6.00nm		5.2mb
EHOR	68.76	302 iPc	37 05.33	-0.3
EPRU	69.26	301 iPc	37 08.36	-0.5
BALM	69.68	24 ePc	37 10.91	-0.2
EJIF	69.72	301 eP	37 11.05	-0.5
GIBL	69.81	302 iPc	37 13.00	0.9
BCAO	72.26	260 iPc	37 26.00	-1.2
	0.2s	180.00nm		6.9mb X
FRB	73.53	350 eP	37 32.50	-1.3
	1.0s	20.00nm		5.1mb
PMG	73.71	119 eP	37 35.70	0.1
	1.0s	64.00nm		5.6mb
WRA	74.33	136 P	37 39.50	0.4
	0.7s	46.40nm		5.6mb
WB2	74.34	136 iPd	37 39.30	0.2
	0.8s	105.80nm		5.9mb
YKA	74.65	11 P	37 40.00	-0.3
	0.5s	25.00nm		5.5mb
MRWA	74.78	155 eP	37 41.30	-0.1
SIT	75.04	23 ePc	37 43.37	0.7

0.7s 21.42nm 5.3mb
BAL 76.29 155 eP 37 50.00 0.0
ASPA 77.20 138 iPc 37 55.70 0.4
0.7s 48.40nm 5.7mb
KLB 77.53 155 eP 37 56.50 -0.4
WOOL 78.42 152 eP 38 01.60 -0.2
NWAO 78.61 156 eP 38 02.20 -0.6
CTA 81.19 127 iPc+ 38 13.00 -3.9X
1.0s 55.00nm 5.6mb
JAQ 84.11 351 ePc 38 31.10 -0.5
MCW 85.96 20 ePc 38 42.13 1.1
BFT 86.12 231 iPc 38 51.00 8.8X
0.7s 44.00nm 5.7mb
JCW 86.64 20 P 38 45.14 0.7
GMW 87.01 21 ePc 38 47.35 1.1
SLR 87.19 232 iPd 38 48.70 1.4
1.2s 70.00nm 5.8mb
RMW 87.35 20 ePc 38 49.06 1.1
ONR 87.36 22 P 38 49.45 1.6
WTV 87.60 19 P 38 49.22 0.1
NEW 87.72 17 ePd 38 50.08 0.4
0.7s 21.63nm 5.6mb
SAW 87.73 19 P 38 50.06 0.4
STKA 87.80 137 eP 38 50.00 0.1
0.6s 30.80nm 5.8mb
DPW 87.85 18 ePc 38 50.70 0.4
FMW 87.88 20 P 38 51.29 0.7
BMW 87.88 21 ePc 38 51.28 0.8
LON 88.01 20 ePc 38 51.46 0.4
KSR 88.11 233 iPc 38 52.10 0.3
0.7s 105.00nm 6.3mb
EBG 88.18 20 P 38 52.65 0.8
LBTB 88.26 234 eP 38 53.75 1.3
0.8s 114.02nm 6.2mb
KIC 88.41 277 P 38 53.57 0.2
0.6s 36.50nm 5.9mb
SHW 88.41 21 eP 38 54.39 1.3
TIC 88.43 277 P 38 53.61 0.2
1.0s 66.00nm 5.9mb
WAH2 88.57 19 P 38 54.36 0.7
ASR 88.62 21 P 38 55.11 1.0
LIC 88.71 277 P 38 54.77 0.0
0.8s 31.50nm 5.6mb
VGB 89.42 20 eP 38 58.79 1.0
CBM 89.55 344 eP 38 58.21 -0.1
0.7s 43.53nm 5.8mb
SSOR 89.58 22 P 38 59.40 0.7
VBEM 89.63 21 P 38 59.93 1.0
LNOR 89.71 18 P 38 59.54 0.4
KDS 89.78 287 eP 38 59.50 -0.3
LMN 89.85 342 ePc 38 59.80 0.0
0.5s 10.00nm 5.3mb
CROR 89.86 21 P 39 01.11 1.2
RNO 90.08 23 P 39 02.52 1.5
HRY 90.26 14 ePc 39 01.90 0.1
SXM 90.92 14 ePc 39 05.40 0.4
BLF 90.94 231 eP 39 03.00 -2.0
0.5s 33.00nm 5.9mb
HBMT 91.00 15 ePc 39 05.60 0.1
LRM 91.01 15 ePc 39 05.50 0.1
BOSA 91.03 232 eP 39 07.30 2.1
LCCM 91.10 14 ePc 39 05.80 0.1
MEMT 91.49 14 ePc 39 07.90 0.3
BGMT 91.65 15 ePc 39 08.40 0.0
MCMT 91.89 15 eP 39 10.20 0.7
e 42 53.10
FRS 91.92 231 iPc 39 10.20 1.0
0.8s 13.00nm 5.3mb
GAC 92.01 349 eP 39 10.00 0.3
ARMA 92.15 130 eP 39 10.30 -0.2
0.9s 11.00nm 5.2mb
LBNH 92.87 346 eP 39 14.12 0.4
0.6s 20.31nm 5.7mb
RSNY 93.00 348 eP 39 14.86 0.6
0.5s 16.30nm 5.7mb
HHAI 93.45 15 eP 39 17.89 1.3
PTI 93.86 15 (P) 39 19.35 0.8
RSSD 93.97 9 eP 39 19.41 0.3
0.6s 53.58nm 6.1mb
WLVO 94.15 351 P 39 19.69 0.1
TOO 94.25 138 iPd 39 21.10 1.2
0.9s 38.00nm 5.8mb
ACTO 94.65 352 P 39 21.95 0.1
ORV 94.75 23 eP 39 21.62 -0.8
POF 94.87 235 eP 39 25.00 2.2
STCO 94.95 351 P 39 23.25 0.0
TYNO 95.14 352 P 39 24.10 0.0
ELF 95.19 353 P 39 24.20 -0.2
LDN 95.33 353 P 39 24.80 -0.2
NTYM 95.47 24 eP 39 26.57 0.8
BINY 95.52 349 eP 39 25.95 0.0
0.6s 14.60nm 5.6mb
DLA 95.54 353 P 39 25.60 -0.4
YSNY 95.59 351 ePc 39 26.42 0.1
0.6s 102.84nm 6.5mb
KVN 96.17 21 (P) 39 28.88 -0.3
DUG 96.34 16 eP 39 30.03 0.1
0.7s 5.33nm 5.2mb
DAU 96.45 15 eP 39 30.92 0.3
MSU 98.09 16 eP 39 38.70 0.7
PV09 98.71 14 (P) 39 40.78 0.0
PV08 98.72 14 eP 39 40.78 -0.1
PV10 98.84 14 eP 39 41.27 -0.1
GSC 100.04 21 (Pdiff39 49.71 3.3X
ALQ 102.64 13 ePdiff39 58.97 0.8
0.9s 3.93nm 5.1mb
LHS 103.75 351 (Pdiff40 03.11 0.3
WMOK 103.80 6 ePdiff40 03.30 0.2
1.0s 9.87nm 5.6mb
MIAR 104.27 2 ePdiff40 05.75 0.6
0.6s 5.55nm 5.6mb
PRM 104.31 352 (Pdiff40 05.72 0.3
ITR 123.23 290 (PKP) 44 58.00 -0.6
SOB1 125.28 291 ePKP 45 02.40 -0.2
SPA 131.33 180 iPKPd 45 12.10 -0.6
0.7s 5.86nm
UFRS 145.75 276 ePKP 45 41.50 1.5
CCH 147.68 311 PKP 45 44.10 0.3
i 45 46.80
LPAZ 147.90 315 PKP 45 44.60 0.1
LPB 148.08 314 PKP 45 44.20 -0.4
ARE 149.76 320 ePKP 45 49.00 2.0
S.D. = 0.9 on 388 of 398 obs.

% JUN 10, 1994 06h 37m 18.69± 1.46s
34.341 S ±15.8km 70.706 W ±12.5km
DEPTH = 90.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CACH 0.24 21 iPd 37 32.27 0.0
iS 37 44.15
CHCH 0.41 6 iP 37 32.98 -0.1
iS 37 45.49
LNV 0.70 303 iPd 37 35.37 0.0
iS 37 49.03
TACH 0.71 344 iPd 37 35.81 0.2
iS 37 50.11
SAN 0.89 2 iPd 37 37.51 0.1
iS 37 52.63
FCH 1.07 19 iPd 37 39.73 -0.1
iS 37 57.39
LCCH 1.12 320 iPd 37 40.02 -0.1
iS 37 58.29
PEL 1.19 1 iPd 37 41.28 0.2
iS 37 59.55
ROCH 1.39 349 iP 37 43.56 -0.1
iS 38 03.59
JACH 1.66 3 iP 37 46.82 -0.2
iS 38 09.36
S.D. = 0.2 on 10 of 10 obs.

? JUN 10, 1994 06h 45m 32.66± 0.81s
35.890 N ± 7.4km 24.334 E ± 9.6km
DEPTH = 5.0km (geophysicist)
3.9mb (2 obs.)
CRETE (370)
MD 3.8 (ATH).

VAM 0.49 193 iPgc 45 42.50 -0.1
NPS 1.22 121 iPgc 45 56.00 0.2
VLI 1.40 307 iPnd 46 11.10 12.3X
KSL 4.26 85 iPgc 46 39.40 -0.3
GEC2 15.12 332 Pn 49 20.20 11.6X
0.7s 1.09nm
e 49 26.70
e 49 29.00
e 49 35.70
HFS 25.22 347 eP 51 00.70 0.2
0.4s 1.70nm 4.2mb
NB2 26.52 346 P 51 12.70 -0.1
0.5s 0.80nm 3.7mb
S.D. = 0.3 on 5 of 7 obs.

* JUN 10, 1994 06h 47m 36.48± 2.18s
16.959 N ±20.4km 98.650 W ± 8.8km
DEPTH = 34.7 ± 11.2 km
4.1mb (9 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

ACX 1.16 266 iP 47 41.64 -14.9X
iS 47 54.46
III 1.61 331 eP 48 01.17 -2.0
iS 48 30.93
OXX 1.85 86 iP 48 06.26 -0.3
iS 48 41.00
IIT 2.08 9 eP 48 14.51 4.6X
iS 48 51.87
PPM 2.10 1 eP 48 13.00 2.6
iS 48 50.69
IIA 2.18 360 eP 48 14.62 3.5X
iS 48 53.70
IISM 2.35 31 iP 48 18.25 4.7X
UNM 2.41 348 (P) 48 15.00 0.3
(S) 48 57.00
CRX 2.62 338 eP 48 16.00 -1.7
LVVM 3.47 37 iP 48 30.08 0.7
iS 49 27.08
MRX 3.64 319 eP 48 25.00 -6.9X
(S) 49 15.00
CGX 5.32 302 (P) 48 56.12 0.2
AGX 5.98 325 (P) 49 25.00 19.9X
MEO 17.75 0 iPd 51 48.50 5.8X
MIAR 18.09 14 eP 51 47.78 0.9
0.9s 4.33nm 3.6mb
TUC 18.82 327 eP 51 57.36 1.4
0.9s 5.55nm 3.8mb
TUL 19.05 7 iPc 51 57.00 -1.5
ALQ 19.22 340 eP 52 02.25 1.5
0.7s 3.25nm 3.7mb
ACO 19.67 359 iPc 52 03.00 -2.6
FVM 22.16 17 eP 52 30.67 -0.3
0.6s 7.32nm 4.3mb
PRM 22.46 38 eP 52 34.26 0.3
PLM 23.14 318 eP 52 43.05 2.2
PV10 23.20 339 eP 52 44.36 2.8X
JSC 23.25 39 eP 52 41.93 0.2
PV08 23.25 340 eP 52 41.33 -0.8
PV09 23.34 339 eP 52 41.95 -1.0
GOL 23.40 347 eP 52 42.41 -1.1
0.9s 6.24nm 4.1mb
GLD 23.42 347 eP 52 43.95 0.4
1.2s 12.08nm 4.3mb
LHS 23.66 39 eP 52 45.92 0.3
PEC 23.68 319 eP 52 47.08 1.2
1.1s 11.43nm 4.3mb
SRU 24.39 337 eP 52 52.41 -0.5
ARUT 24.49 331 eP 52 53.85 -0.1
MSU 24.53 334 eP 52 54.12 -0.2
EMUT 25.11 338 eP 53 01.67 1.7
TPNV 25.27 325 eP 53 01.01 -0.3
CEH 25.64 39 (P) 53 04.99 0.3
DAU 25.80 337 eP 53 07.67 1.2
DUG 26.21 335 eP 53 10.74 0.7
1.2s 5.99nm 4.1mb
RSSD 27.46 352 eP 53 23.63 2.1
PTI 28.35 338 (P) 53 28.91 -0.7
HHAI 28.73 339 eP 53 32.90 0.0
MCMT 30.24 340 ePc 53 53.45 6.9X
LRM 31.00 341 eP 53 51.00 -2.2
YKA 46.84 350 P 56 01.90 -2.8
0.8s 2.20nm 4.2mb
S.D. = 1.4 on 35 of 44 obs.

% JUN 10, 1994 06h 57m 39.53± 0.89s
39.054 N ± 7.4km 27.679 E ± 9.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.73 207 ePg 57 53.80 -0.1
eSg 58 06.50
DST 0.92 53 ePn 57 57.30 0.2
EDC 1.30 6 ePn 58 03.00 -0.6
EZN 1.30 307 ePn 58 04.00 0.4
KCT 1.30 23 iPn 58 04.30 0.7
BNT 1.31 8 ePn 58 03.30 -0.5
S.D. = 0.6 on 6 of 6 obs.

? JUN 10, 1994 07h 10m 52.17± 5.07s
9.127 S ±38.1km 128.559 E ±16.2km
DEPTH = 131.0 ± 33.5 km

10d 07h

4.5mb (2 obs.)
TIMOR SEA (290)

MTN 4.48 146 eP 12 00.20 1.0
iS 13 00.00
WB2 12.12 153 eP 13 39.90 -1.8
0.6s 33.20nm 5.1mb X
iS 16 01.20
MBL 14.62 214 eP 14 13.20 -0.7
eS 16 59.00
ASPA 15.33 161 eP 14 23.50 0.6
0.6s 19.80nm 4.6mb
eS 17 21.00
WARB 17.06 186 eP 14 48.00 3.8X
eS 18 00.00
MEEK 19.80 207 eP 15 19.00 4.3X
eS 19 05.00
CTA 20.27 124 eP 15 19.00 -0.5
MRWA 23.21 209 eP 15 50.00 1.7
STKA 25.67 154 iPd 16 12.50 1.0
0.4s 6.10nm 4.5mb
NWAO 25.89 202 eP 16 12.50 -1.1
LPB 149.64 147 PKP 30 24.60 0.3
LPAZ 149.83 147 PKP 30 24.40 -0.5
S.D. = 1.3 on 10 of 12 obs.

% JUN 10, 1994 07h 31m 30.32± 0.96s
39.147 N ± 8.0km 27.529 E ±15.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.78 196 ePg 31 45.50 0.0
eSg 31 58.30
DST 0.97 61 iPn 31 48.60 -0.1
EDC 1.23 12 ePn 31 53.00 -0.1
BNT 1.24 14 ePn 31 53.30 -0.1
KCT 1.27 30 iPn 31 54.30 0.4
S.D. = 0.3 on 5 of 5 obs.

? JUN 10, 1994 08h 20m 23.83± 3.96s
39.499 N ±29.8km 29.500 E ±17.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

DST 0.68 279 ePg 20 37.20 -0.2
eSg 20 47.70
YLV 1.07 355 ePn 20 43.30 -0.7
KCT 1.16 311 ePn 20 46.30 0.9
EYL 1.18 25 ePn 20 46.30 0.4
BNT 1.49 306 ePn 20 50.30 -0.3
EDC 1.52 304 ePn 20 51.00 0.0
S.D. = 0.7 on 6 of 6 obs.

% JUN 10, 1994 08h 34m 15.31± 0.81s
39.129 N ± 6.7km 27.537 E ± 8.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.76 196 ePg 34 30.00 -0.2
eSg 34 42.30
DST 0.97 60 ePn 34 34.20 0.4
EZN 1.17 307 ePn 34 37.50 0.4
EDC 1.24 12 ePn 34 38.00 -0.4
BNT 1.26 13 ePn 34 38.30 -0.4
KCT 1.29 29 iPn 34 39.30 0.2
S.D. = 0.5 on 6 of 6 obs.

JUN 10, 1994 09h 02m 42.05± 0.42s
6.014 S ± 6.3km 146.513 E ± 5.6km
DEPTH = 115.4 ± 5.6 km
4.7mb (7 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

YYYY 0.59 247 iPc 03 00.80 0.3
LAT 0.81 143 iPc 03 02.60 0.5
MDG 1.05 316 ePd 03 04.60 0.1
PMG 3.43 169 iPc 03 33.90 -0.8
eS 04 13.50
WWKK 3.73 309 eP 03 38.90 0.0
KVG 5.47 52 eP 04 03.30 0.7
RAB 5.91 72 ePc 04 07.60 -1.0
CTA 13.99 181 iPd- 06 01.00 4.5X
1.0s 55.00nm 4.8mb
ipP 06 06.00
SWI 16.06 288 ePd 06 21.50 -1.1
MTN 16.62 245 eP 06 30.00 0.5
0.6s 64.00nm 5.1mb
WB2 18.20 219 eP 06 47.40 -1.4
0.3s 22.10nm 4.9mb
eS 10 22.30
ASPA 21.34 213 iPc 07 21.80 0.4
0.4s 17.10nm 4.8mb
e 07 34.30
eS 11 10.90
ARMA 24.75 169 iPd 07 55.00 0.5
0.5s 11.00nm 4.6mb
STKA 26.14 190 iPc 08 06.90 -0.2
0.3s 4.90nm 4.5mb
WARB 27.61 221 eP 08 21.50 0.9
MBL 29.91 237 iPd 08 40.90 -0.3
0.5s 7.00nm 4.6mb
MEEK 33.58 229 eP 09 13.40 0.2
NANU 34.12 238 eP 09 18.00 0.1
MRWA 36.91 228 eP 09 42.00 0.5
TRI 123.18 322 ePKP 21 13.90 -12.8X
LPB 139.09 124 PKP 21 48.10 -10.3X
LPAZ 139.18 123 PKP 21 50.90 -7.9X
i 22 30.90
S.D. = 0.7 on 18 of 22 obs.

% JUN 10, 1994 09h 05m 07.71± 0.92s
39.171 N ± 7.4km 27.626 E ± 9.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.82 200 ePg 05 23.30 -0.4
eSg 05 36.80
DST 0.89 61 ePn 05 25.60 0.8
EDC 1.19 9 ePn 05 29.00 -0.9
EZN 1.20 303 ePn 05 31.00 1.0
BNT 1.20 11 ePn 05 30.30 0.1
MFT 1.64 351 ePn 05 36.00 -0.7
S.D. = 1.0 on 6 of 6 obs.

JUN 10, 1994 09h 10m 30.02± 1.05s
40.513 N ± 8.0km 21.722 E ± 7.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 2.0 (THE).

FNA 0.38 316 ePg 10 37.74 0.0
GRG 0.68 49 ePg 10 43.62 0.1
iSg 10 55.94
LIT 0.72 125 ePg 10 44.10 -0.1
eSg 10 55.66
VAY 1.03 38 ePn 10 49.50 0.0
KNT 1.10 54 ePb 10 50.98 0.2
eSb 11 06.74
SOH 1.28 76 ePb 10 53.34 -0.4
eSb 11 12.94
PAIG 1.61 111 ePb 10 58.78 0.3
S.D. = 0.3 on 7 of 7 obs.

% JUN 10, 1994 09h 39m 09.25± 1.02s
39.211 N ±10.4km 29.177 E ±18.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

DST 0.58 313 ePg 39 20.00 -1.0
eSg 39 29.60
KHL 0.93 163 ePn 39 27.00 0.0
KCT 1.21 329 ePn 39 32.20 0.3
YLV 1.36 6 ePn 39 34.00 -0.3
BNT 1.50 320 ePn 39 37.20 1.0
S.D. = 1.1 on 5 of 5 obs.

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* JUN 10, 1994 09h 39m 14.97± 1.02s
44.063 N ±20.4km 149.615 E ±15.1km
DEPTH = 33.0km (normal)
4.0mb (6 obs.)
KURIL ISLANDS (221)

KUSJ 3.69 257 eP 40 09.60 -1.5
HOOJ 4.92 252 eP 40 29.30 0.8
ASAJ 5.02 273 eP 40 35.20 5.2X
BJI 25.05 272 eP 44 39.00 1.5
1.8s 24.00nm 4.5mb
IMA 37.42 34 eP 46 27.10 0.6
0.8s 0.70nm 3.6mb
FBA 39.79 36 eP 46 45.90 -0.2
1.0s 0.40nm 3.1mb
WRA 65.21 196 P 49 55.00 -0.2
0.8s 0.60nm 3.7mb
NB2 69.94 340 P 50 24.40 -0.1
0.6s 1.60nm 4.3mb
HFS 70.08 338 eP 50 24.20 -1.0
0.4s 2.00nm 4.5mb
S.D. = 1.1 on 8 of 9 obs.

JUN 10, 1994 10h 46m 52.99± 0.41s
29.498 S ±10.2km 13.682 W ± 7.1km
DEPTH = 10.0km (geophysicist)
5.0mb (21 obs.) 5.2Msz (1 obs.)
SOUTHERN MID-ATLANTIC RIDGE (410)

SOB1 32.51 303 eP 53 25.40 -0.8
BOSA 34.08 98 eP 53 40.40 0.7
BAO 34.41 286 eP 53 38.10 -4.8X
BDFB 34.43 286 eP 53 42.71 -0.3
1.1s 65.64nm 5.5mb
BLF 34.65 99 eP 53 38.50 -6.4X
1.0s 60.00nm 5.4mb
KSR 35.99 94 iPc 53 55.70 -0.7
1.2s 90.00nm 5.5mb
SLR 37.23 95 iPc 54 06.10 -0.6
1.2s 60.00nm 5.2mb
Z 20s 4.00um 5.2Msz
BFT 38.77 95 eP 54 26.50 6.7X
0.5s 16.00nm 5.0mb
BUL 39.32 86 iPc 55 18.10 53.8X
BCAO 45.75 48 iPc 55 17.20 0.7
0.8s 21.00nm 5.2mb
LPB 51.31 272 P 56 03.00 2.8
LPAZ 51.44 272 P 55 59.90 -1.5
ARE 54.30 270 eP 56 22.00 -0.3
SPA 60.67 180 iPc 57 06.10 -0.4
1.0s 5.00nm 4.6mb
EPF 73.31 11 eP 58 26.00 -0.4
0.9s 7.35nm 4.8mb
LPO 75.06 11 eP 58 36.00 -0.5
1.1s 14.15nm 4.9mb
LFF 75.24 11 eP 58 37.20 -0.2
1.0s 30.60nm 5.3mb
CAF 75.45 11 eP 58 37.90 -0.8
1.0s 10.60nm 4.9mb
RJF 75.72 11 eP 58 39.60 -0.6
0.9s 8.20nm 4.8mb
LSF 76.64 11 eP 58 45.20 -0.2
1.0s 16.60nm 5.1mb
MFF 76.73 10 eP 58 45.70 -0.1
0.9s 9.50nm 4.9mb
TCF 76.79 11 eP 58 46.20 -0.1
1.0s 11.80nm 4.9mb
SMF 77.43 12 eP 58 49.50 -0.2
AVF 77.48 12 eP 58 49.90 -0.1
1.2s 15.45nm 5.0mb
SSF 77.77 12 eP 58 51.30 -0.3
1.2s 15.45nm 5.0mb
LPF 78.00 9 eP 58 52.70 -0.1
1.1s 22.45nm 5.2mb
VAY 78.04 27 eP 58 53.80 0.6
SKO 78.15 26 iP 58 54.50 0.7
i 59 04.00
GEC2 81.74 18 P 59 13.00 0.0
0.9s 2.58nm 4.3mb
e 02 19.00
e 02 26.90
ZST 82.12 20 eP 59 15.00 0.1
MLR 82.87 27 ePc 59 18.00 -1.0
VRI 83.49 27 ePd 59 22.00 0.0
SPC 83.98 22 eP 59 25.30 0.6
EKA 84.97 6 P 59 29.00 -0.2
1.0s 8.60nm 4.9mb
NB2 92.47 12 P 00 07.40 2.6
0.8s 1.10nm 4.3mb
INK 128.03 336 ePKP 06 00.50 0.6
TTA 138.70 335 ePKP 06 20.72 0.3
SDN 144.97 327 ePKP 06 31.09 -0.4
e 06 36.39
S.D. = 0.9 on 34 of 38 obs.

? JUN 10, 1994 10h 50m 51.14± 4.66s
40.589 N ±39.2km 23.029 E ±10.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 1.9 (THE).

```
THE       0.06 312 iPg    50 53.42    0.0
                   eSg    50 56.36
SOH       0.34  47 ePg    50 58.17    0.0
                   eSg    51 03.12
KNT       0.58 350 iPg    51 02.89    0.0
                   eSg    51 11.64
GRG       0.60 308 iPg    51 03.32    0.0
                   eSg    51 13.20
     S.D. = 0.0  on    4 of   4 obs.
--------------------------------------
% JUN 10, 1994  10h 54m 02.52± 0.92s
  37.050 N ± 6.1km     5.281 W ± 8.3km
   DEPTH =  10.0km  (geophysicist)
 SPAIN                           (377)
     mbLg 2.9 (MDD).

EPRU      0.09 155 iPc    54 04.43   -0.7
                   eS     54 06.70
EJIF      0.62 194 eP     54 15.58    0.6
                   eS     54 23.60
EHOR      0.77   2 iP     54 17.30   -0.3
                   eS     54 27.00
ELOJ      0.91  83 eP     54 20.45    0.5
                   eS     54 31.40
ELUQ      0.96  57 eP     54 21.15    0.4
                   eS     54 32.40
ERON      1.18  91 eP     54 24.72    0.1
                   eS     54 41.10
ECOG      1.39  80 eP     54 27.82   -0.2
                   eS     54 46.50
EGUA      1.39  98 eP     54 27.56   -0.4
                   eS     54 47.50
     S.D. = 0.6  on    8 of   8 obs.
--------------------------------------
% JUN 10, 1994  11h 42m 20.18± 0.85s
   39.156 N ± 7.1km    27.654 E ± 8.6km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
     ML 2.8 (ISK).

IZM       0.82 202 ePg    42 35.80   -0.2
                   eSg    42 48.80
DST       0.88  59 ePn    42 37.50    0.4
EDC       1.20   8 ePn    42 42.00   -0.5
BNT       1.22  10 ePn    42 42.30   -0.5
KCT       1.22  26 iPn    42 43.20    0.3
EZN       1.23 303 ePn    42 43.50    0.5
     S.D. = 0.6  on    6 of   6 obs.
--------------------------------------
   JUN 10, 1994  12h 31m 02.93± 0.66s
   43.248 N ± 6.5km     3.496 E ± 7.3km
   DEPTH =  10.0km  (geophysicist)
 NEAR SOUTH COAST OF FRANCE      (379)
     ML 1.6 (STR).

PERF      0.89 211 Pg     31 19.48   -0.5
VDCF      1.06 232 Pg     31 22.17   -0.7
LSPF      1.20 256 Pg     31 26.33    1.0
TRGS      1.35 237 Pg     31 27.47   -0.4
GRBF      1.49 255 Pg     31 29.97    0.1
PAND      1.61 244 Pn     31 31.85    0.3
LESF      1.63 263 Pn     31 32.52    0.7
CDR       1.71  75 ePnd   31 33.60    0.7
                   eSn    31 54.80
LBL       1.99 355 Pn     31 36.29   -0.8
                   Pg     31 41.34
PYM       2.53 352 Pn     31 45.00    0.3
                   Pg     31 51.50
PLDF      2.72   2 Pn     31 47.08   -0.5
                   Pg     31 55.56
     S.D. = 0.7  on   11 of  11 obs.
--------------------------------------
% JUN 10, 1994  12h 46m 32.41± 0.87s
   39.144 N ± 7.8km    27.604 E ± 8.8km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
     ML 2.8 (ISK).

IZM       0.79 200 ePg    46 47.70   -0.1
                   eSg    47 01.20
DST       0.92  60 ePn    46 49.50   -0.5
EZN       1.20 305 ePn    46 55.00    0.2
EDC       1.22   9 ePn    46 54.00   -1.1
KCT       1.25  28 iPn    46 56.20    0.6
YLV       1.97  43 ePn    47 07.00    0.8
     S.D. = 0.9  on    6 of   6 obs.
--------------------------------------

*  JUN 10, 1994  13h 17m 01.95± 0.68s
   27.852 N ± 7.6km   140.865 E ±12.8km
   DEPTH =  33.0km  (normal)
   5.2mb (  6 obs.)
 BONIN ISLANDS REGION            (212)

WKYJ      7.79 326 P      19 03.70    7.7X
CHJJ      8.33 349 eP     19 02.50   -0.8
TKSJ      8.46 318 P      19 12.30    7.1X
MAT       8.95 346 eP     19 12.00    0.0
                   eS     21 24.00
BJI      23.73 307 eP     22 12.00    0.1
TAPN     46.79 282 P      25 31.92    1.2
ODAN     47.19 282 P      25 33.76    0.0
WB2      47.93 188 eP     25 38.60   -0.7
          0.9s     41.30nm         5.5mb
WRA      47.93 188 P      25 39.50    0.2
          0.8s     21.10nm         5.2mb
JIRN     48.03 283 P      25 41.16    0.6
          0.8s     22.00nm         5.3mb
GUN      48.24 284 P      25 42.54    0.4
          0.7s     18.00nm         5.2mb
DANN     49.96 285 P      25 53.72   -1.6
KOLN     50.23 284 P      25 57.16   -0.1
PYUN     50.68 285 P      25 59.82   -0.8
          1.0s     29.00nm         5.2mb
STKA     59.40 179 iPc    27 02.90   -0.6
          1.1s     10.50nm         4.9mb
GBA      60.42 270 P      27 12.00    1.2
LRM      81.12  43 eP     29 16.70    1.0
     S.D. = 0.9  on   15 of  17 obs.
--------------------------------------
% JUN 10, 1994  13h 33m 02.48± 1.55s
   43.721 N ±11.5km     7.328 E ± 6.5km
   DEPTH =  10.0km  (geophysicist)
 NEAR SOUTH COAST OF FRANCE      (379)
     ML 1.1 (STR).

REVF      0.03  57 Pg     33 04.67    0.1
                   Sg     33 07.04
AURF      0.17 360 Pg     33 06.09   -0.2
                   Sg     33 09.84
MVIF      0.22 324 Pg     33 07.69    0.4
AUTN      0.28  15 Pg     33 08.60    0.1
TOUF      0.30 349 Pg     33 08.64   -0.1
SAOF      0.31  32 Pg     33 08.91   -0.1
CALN      0.32 276 Pg     33 09.01   -0.2
                   Sg     33 14.17
     S.D. = 0.3  on    7 of   7 obs.
--------------------------------------
?  JUN 10, 1994  13h 46m 37.41± 1.35s
   10.596 N ±12.5km    61.684 W ±11.6km
   DEPTH =  10.0km  (geophysicist)
 TRINIDAD                        ( 98)
     MD 2.8 (TRN).

TCE       0.12 326 iPd    46 40.43    0.0
                   iS     46 42.80
TRN       0.28  79 iPc    46 42.81   -0.5
                   eS     46 47.79
TPP       0.36 140 iP     46 44.55   -0.3
                   eS     46 49.91
TBH       0.62 100 eP     46 50.58    0.7
                   eS     46 59.60
     S.D. = 0.9  on    4 of   4 obs.
--------------------------------------
   JUN 10, 1994  13h 50m 59.38± 0.75s
   52.734 N ± 4.2km   159.838 E ± 3.8km
   DEPTH =  42.7 ±  6.8 km
   5.0mb ( 69 obs.)  4.1Msz (  4 obs.)
 OFF EAST COAST OF KAMCHATKA     (219)

PET       0.77 292 iPnd   51 16.50    2.6
                   eS     51 27.00
SKR       3.11 230 ePn    51 47.00   -0.2
        Z  14s     3.00um
        E  14s     5.50um
                   iS     52 20.60
SMY       8.66  84 ePc    53 02.70   -2.2
                   S      54 32.02
MGD       8.91 329 ePn    53 10.00    1.5
YSS      12.43 249 ePn    53 59.00    2.9X
        Z  19s     0.90um
        N  19s     0.40um
                   e      56 20.00
KUSJ     13.97 232 eP     54 10.70   -5.7X
ASAJ     14.28 240 eP     54 21.20    0.7

ADK      14.38  84 eP     54 26.62    4.9X
          0.8s     11.21nm         4.5mb
HOOJ     15.19 234 eP     54 28.40   -4.1X
MRRJ     16.28 238 eP     54 45.70   -0.6
AOMJ     18.01 235 eP     55 03.90   -4.0X
ILT      18.38  26 iPc    55 12.50    0.3
          0.9s     18.00nm         4.2mb
OFUJ     18.54 230 eP     55 13.10   -1.3
YAK      18.54 312 eP     55 11.60   -2.7
          1.0s    252.00nm         5.4mb
YAMJ     20.03 231 eP     55 30.40   -0.8
NIIJ     21.26 232 P      55 43.20   -0.7
ANM      21.30  43 eP     55 44.13    0.1
KAKJ     21.56 228 eP     55 47.50    0.6
MAT      22.20 232 eP     55 53.00   -0.3
          1.2s    206.25nm         5.4mb
                   (S)    59 55.00
CHJJ     22.23 230 P      55 54.60    1.0
MTMJ     22.36 233 P      55 55.80    0.8
TSRJ     24.08 234 P      56 12.80    1.2
TTA      25.11  49 eP     56 21.53    0.2
          0.8s     10.18nm         4.4mb
SVW      25.25  53 eP     56 22.71    0.0
          0.8s     17.17nm         4.7mb
WKYJ     25.33 233 P      56 24.30    0.6
YONJ     25.62 237 P      56 26.80    0.5
BOD      26.09 300 eP     56 29.80   -0.6
          1.0s     34.00nm         4.9mb
TKSJ     26.28 235 P      56 32.50    0.1
IMA      26.41  42 eP     56 33.09   -0.4
          0.7s      3.44nm         4.1mb
BRW      26.63  30 eP     56 37.97    2.7X
SHNJ     27.67 239 eP     56 45.60    0.6
CIT      27.87 287 eP     56 45.00   -1.8
SLKM     27.93  54 (P)    56 46.13   -1.1
PMR      28.35  52 e(P)   56 45.90   -5.0X
          1.2s     11.00nm         4.4mb
FBA      28.79  45 eP     56 54.42   -0.4
          0.6s      0.78nm         3.5mb X
KUMJ     29.06 238 eP     56 58.80    1.2
TOA      29.69  50 e(P)   56 55.20   -7.9X
          1.6s     37.50nm         4.9mb
KAGJ     30.11 236 P      57 09.10    2.1
BJI      32.18 264 eP     57 22.00   -3.0X
          1.6s     12.00nm         4.5mb
       Z  20s      0.48um          4.2Msz
ZAK      34.47 289 eP     57 42.60   -2.2
          1.3s     22.00nm         4.9mb
                   e      00 19.30
MOY      35.21 292 eP     57 50.10   -1.0
          1.1s     28.00nm         5.1mb
LZH      42.18 270 eP     58 48.50   -1.0
          1.0s     32.00nm         5.0mb
                   pP     59 07.50   78kmX
YKA      43.53  42 P      59 00.30    0.3
          0.6s      1.50nm         3.9mb X
CVP      45.84 235 ePc    59 18.50   -0.4
          1.0s     74.00nm         5.6mb
DAG      50.77 360 eP     59 55.00   -1.4
          0.9s     26.89nm         5.3mb
LRM      54.24  59 eP     00 24.10    1.0
FRU      54.90 296 iP     00 36.00    8.2X
CMB      55.09  71 (P)    00 28.53   -0.7
          0.8s      3.79nm         4.5mb
LOE      57.13 255 eP     00 42.00   -1.9
CHTO     57.68 258 ePc    00 46.90   -0.9
          1.0s     20.75nm         5.2mb
DUG      57.87  65 eP     00 49.58    0.5
          0.8s      3.46nm         4.5mb
TPNV     58.21  70 eP     00 51.45   -0.1
CSP      59.45  73 (P)    01 00.46    0.3
RSSD     59.74  56 eP     01 01.91   -0.2
          0.9s     16.86nm         5.2mb
KAF      59.76 337 iP     00 59.70   -2.0
          0.4s      6.00nm         5.1mb
SRU      59.89  64 eP     01 03.18    0.0
PV09     61.08  64 eP     01 10.68   -0.8
PV10     61.22  64 eP     01 12.98    0.6
PV08     61.29  63 eP     01 13.11    0.2
NUR      61.55 337 iP     01 12.10   -1.8
          0.4s      5.20nm         5.0mb
UPP      63.72 340 iP     01 27.60   -0.7
NB2      63.85 344 P      01 27.70   -1.5
          0.4s      9.80nm         5.2mb
HFS      64.24 342 eP     01 29.90   -1.8
          0.4s     20.60nm         5.5mb
ALQ      65.14  65 eP     01 38.43    0.3
```

10d 14h

0.6s 1.59nm 4.3mb
WMOK 69.42 60 eP 02 04.50 -0.3
1.0s 12.86nm 4.9mb
KIV 69.59 317 eP 02 04.80 -1.0
1.7s 10.00nm 4.5mb
Z 19s 0.10um 4.1Msz
e 04 38.10
HYB 71.09 274 eP 02 13.30 -1.9
EKA 71.38 350 Pc 02 15.34 -1.0
0.9s 22.50nm 5.1mb
KIS 72.18 327 eP 02 20.00 -1.2
Z 20s 0.25um 4.5Msz
CBM 72.60 32 (P) 02 23.63 -0.1
0.7s 7.57nm 4.8mb
CLL 72.63 339 iPc 02 23.30 -0.5
1.1s 71.00nm 5.5mb
i 02 39.10
OKC 72.79 335 Pc 02 24.50 -0.2
SPC 72.82 334 eP 02 25.50 0.3
BRG 72.83 338 iP 02 24.70 -0.3
1.0s 18.00nm 5.0mb
e 02 34.50
WTS 73.21 343 eP 02 27.50 0.3
0.7s 27.40nm 5.3mb
PRU 73.52 337 iPc 02 29.10 0.1
0.9s 27.10nm 5.2mb
e 02 45.10
MOX 73.56 340 iPc 02 29.40 0.1
1.1s 32.00nm 5.2mb
GRF 74.54 339 iPc 02 35.70 0.7
0.9s 32.70nm 5.3mb
Z 19s 0.10um 4.1Msz
e(pP) 02 47.40 39kmX
e(sP) 02 51.20
KHC 74.55 338 Pc 02 35.50 0.4
1.0s 28.50nm 5.2mb
e 02 46.50
e 02 57.50
ENN 74.55 343 eP 02 35.00 0.1
0.8s 25.60nm 5.2mb
e 02 47.00
ZST 74.56 335 iP 02 35.60 0.5
SRO 74.60 334 iP 02 35.50 0.2
MEM 74.69 343 iPc 02 35.94 0.2
0.9s 23.20nm 5.1mb
WET 74.69 338 iPc 02 36.40 0.5
0.8s 35.00nm 5.4mb
GBA 74.71 272 Pc 02 34.80 -1.6
0.6s 17.00nm 5.1mb
GEC2 74.79 338 P 02 36.20 -0.3
0.5s 9.43nm 5.0mb
e 02 37.70
e 02 48.30
DOU 75.43 344 P 02 40.40 0.4
WB2 75.68 205 iPc 02 41.20 -0.6
0.7s 5.00nm 4.6mb
WRA 75.69 205 P 02 41.70 -0.1
0.7s 2.40nm 4.3mb
KBA 76.53 337 iPc 02 47.30 0.8
0.8s 89.10nm 5.8mb
CDF 76.56 342 eP 02 46.80 0.2
0.9s 22.30nm 5.2mb
WATA 76.69 338 iPc 02 47.70 0.3
WTTA 76.75 338 iPc 02 48.40 0.7
0.7s 18.00nm 5.2mb
MOTA 76.79 339 iPc 02 48.20 0.3
SQTA 76.88 339 iPc 02 49.10 0.7
0.8s 27.40nm 5.4mb
i 03 00.70
PTJ 76.99 335 iPc 02 48.70 -0.3
ZAG 77.04 335 iPc 02 46.70 -2.4
HAU 77.13 342 eP 02 49.80 0.2
BSF 77.21 342 eP 02 50.10 -0.1
0.9s 15.55nm 5.0mb
ZLA 77.23 341 ePc 02 50.60 0.3
FLN 77.51 347 eP 02 51.50 -0.1
1.1s 31.00nm 5.2mb
OSS 77.62 339 ePc 02 53.20 0.6
LLS 77.69 340 ePc 02 53.40 0.4
GRR 77.92 347 eP 02 53.70 -0.2
0.9s 25.05nm 5.2mb
VDL 77.96 340 ePc 02 55.20 0.8
CEH 77.97 45 (P) 02 54.28 -0.1
0.3s 22.87nm 5.7mb
LOR 78.29 344 eP 02 56.20 0.2
1.1s 17.85nm 5.0mb
LPF 78.30 347 eP 02 55.50 -0.5

0.8s 13.85nm 5.0mb
JSC 78.37 48 (P) 02 57.39 0.8
TMA 78.45 340 ePc 02 57.40 0.3
LBF 78.54 343 eP 02 58.20 0.8
0.5s 2.85nm 4.5mb
SSF 78.55 344 eP 02 57.70 0.3
0.8s 9.25nm 4.8mb
MMK 78.69 340 ePc 02 59.40 0.9
DIX 78.77 341 ePc 02 59.90 0.9
AVF 78.84 344 eP 02 59.40 0.4
1.0s 20.40nm 5.1mb
SMF 78.89 343 eP 02 59.70 0.4
0.9s 14.10nm 4.9mb
SKO 79.06 330 iP 02 59.90 -0.4
VAY 79.30 329 iP 03 01.60 0.1
0.8s 40.00nm 5.4mb
ASPA 79.37 204 iPc 03 02.00 -0.1
0.7s 4.70nm 4.6mb
HVAR 79.39 334 iPc 03 00.90 -1.1
LPL 79.45 341 eP 03 03.80 1.2
1.0s 32.40nm 5.2mb
LPG 79.46 341 eP 03 04.10 1.3
1.2s 41.95nm 5.3mb
TCF 79.51 344 eP 03 03.20 0.5
1.0s 11.60nm 4.8mb
MAF 79.52 344 eP 03 03.60 0.9
0.8s 14.65nm 5.0mb
MFF 79.57 346 eP 03 02.70 -0.3
0.6s 5.60nm 4.7mb
PLDF 79.58 343 P 03 04.09 0.9
AGO 79.59 344 P 03 04.15 1.0
LSF 79.66 345 eP 03 04.00 0.5
0.8s 16.80nm 5.1mb
PYM 79.90 344 P 03 05.76 0.9
RJF 80.58 345 eP 03 09.30 0.9
CAF 80.86 344 eP 03 11.20 1.3
0.9s 18.65nm 5.0mb
SBF 80.89 340 eP 03 11.90 1.8
LFF 81.06 345 eP 03 12.00 1.1
LPO 81.24 345 eP 03 12.90 1.0
0.8s 17.35nm 5.1mb
EPF 82.99 345 eP 03 21.70 0.7
0.6s 7.60nm 4.9mb
WARB 83.75 210 eP 03 26.00 1.1
0.7s 4.00nm 4.6mb
PAB 87.08 348 eP 03 56.00 14.4X
S.D. = 1.0 on 126 of 137 obs.

JUN 10, 1994 14h 28m 01.54± 0.69s
43.195 N ± 6.9km 3.575 E ± 7.3km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)

MTHF 0.81 252 Pg 28 17.54 0.3
PERF 0.88 216 Pg 28 18.23 -0.2
LSPF 1.25 259 Pg 28 25.21 0.5
TRGS 1.37 240 Pg 28 25.77 -1.1
GRBF 1.54 257 Pg 28 29.13 0.0
PAND 1.64 246 Pg 28 31.08 0.4
CDR 1.67 73 ePn 28 31.30 0.4
eSn 28 51.30
LBL 2.05 353 Pn 28 36.55 0.0
Pg 28 40.68
PYM 2.59 351 Pn 28 44.54 0.3
Pg 28 51.11
PLDF 2.77 1 Pn 28 46.17 -0.7
Pg 28 55.21
S.D. = 0.6 on 10 of 10 obs.

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* JUN 10, 1994 15h 47m 29.92± 0.86s
36.994 N ± 8.6km 26.746 E ±10.4km
DEPTH = 10.0km (geophysicist)
DODECANESE ISLANDS (369)
ML 3.6 (ISK), 3.6 (ATH).

IZM 1.46 16 iPn 47 56.10 -0.2
NPS 1.96 208 ePn 48 04.00 0.5
PRK 2.28 351 ePb 48 12.80 4.7X
KSL 2.45 110 ePb 48 16.00 5.5X
ELL 2.55 95 ePn 48 16.00 3.9X
KHL 2.57 58 ePn 48 12.00 -0.4
VAM 2.60 233 ePg 48 19.00 6.3X
ATH 2.60 293 ePb 48 16.00 3.3X
EZN 2.85 353 ePn 48 17.60 1.4
VLI 3.07 266 ePn 48 19.00 -0.3
EDC 3.46 14 ePn 48 25.00 0.1
KCT 3.49 21 ePn 48 26.10 0.8

RDO 4.25 348 ePn 48 35.30 -0.8
S.D. = 0.9 on 8 of 13 obs.

& JUN 10, 1994 16h 25m 40.09s
34.958 N 116.932 W
DEPTH = 0.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS), 2.7 (GS).

HOD 0.28 245 P 25 46.06 0.3
GSC 0.36 17 iP 25 47.14 -0.1
XMS 0.66 329 P 25 53.36 0.1
BTL 0.70 185 P 25 54.09 0.0
CSP 0.75 208 eP 25 53.98 -1.0
DTP 0.81 293 P 25 55.91 -0.4
RAY 0.92 174 P 25 58.22 -0.3
SSK 0.97 220 ePd 25 58.37 -1.3
SRTC 0.99 318 P 25 59.50 -0.3
CPM 1.01 143 P 26 00.15 0.0
PEC 1.08 190 eP 26 00.04 -1.3
eS 26 13.59
GRP 1.10 98 P 26 00.82 -1.0
TPC 1.12 139 P 26 01.63 -0.4
DBM 1.17 271 P 26 02.29 -0.7
WWPM 1.22 310 P 26 03.35 -0.5
POB 1.27 180 P 26 04.27 -0.3
WORM 1.30 305 P 26 02.94 -2.2
PNMC 1.35 136 P 26 06.25 0.2
BMTC 1.38 278 P 26 05.49 -1.0
ISA 1.44 300 eP 26 05.82 -1.7
TJR 1.49 273 P 26 08.22 0.0
ARVC 1.57 277 P 26 09.82 0.6
PLM 1.60 178 eP 26 08.92 -1.0
WLHM 1.64 317 P 26 10.96 0.4
SADC 1.68 239 P 26 12.77 1.9
BRGC 1.89 160 P 26 16.13 2.2
TPNV 2.06 15 eP 26 16.18 -0.4
BCH 2.60 276 eP 26 22.25 -1.9
28 obs. associated

? JUN 10, 1994 16h 46m 17.52± 8.79s
12.002 S ±54.5km 113.463 E ±79.7km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
NORTHWEST OF AUSTRALIA (588)

NANU 10.69 170 eP 48 50.50 -0.9
0.3s 5.00nm 5.2mb
eS 50 54.00
MBL 10.96 147 eP 48 55.00 -0.2
eS 51 00.00
MEEK 15.35 162 eP 49 54.40 1.0
eS 52 46.00
WARB 18.79 141 eP 50 45.00 8.3X
eS 54 10.00
WB2 21.56 114 eP 51 05.30 -1.1
0.6s 4.90nm 4.1mb
ASPA 22.62 124 iPd 51 18.10 1.2
0.5s 3.50nm 4.1mb
S.D. = 1.5 on 5 of 6 obs.

JUN 10, 1994 17h 32m 27.51± 0.76s
51.088 N ± 4.6km 157.507 E ± 4.3km
DEPTH = 63.4 ± 7.0 km
4.9mb (54 obs.)
NEAR EAST COAST OF KAMCHATKA (218)

SKR 0.99 245 iPnd- 32 45.60 -0.2
iS 32 59.00
MGD 9.79 340 ePnd 34 49.00 1.0
e 36 49.00
SMY 10.39 74 eP 34 53.32 -2.8
YSS 10.53 253 iPnc 35 00.00 2.0
Z 19s 0.60um
E 19s 0.50um
KUSJ 11.82 232 P 35 11.40 -3.9X
ASAJ 12.20 241 iPd 35 21.80 1.3
HOOJ 13.05 234 eP 35 33.00 1.4
AOMJ 15.88 235 eP 36 05.60 -2.7
OFUJ 16.37 229 eP 36 15.40 1.0
YAMJ 17.87 230 eP 36 34.30 1.3
YAK 18.66 317 iPd 36 41.40 -1.0
1.2s 47.00nm 4.6mb
NIIJ 19.10 231 P 36 46.40 -1.5
KAKJ 19.38 227 P 36 49.40 -1.4
MAT 20.04 231 eP 36 57.00 -0.8
0.7s 24.66nm 4.6mb

(S) 40 38.00
CHJJ 20.06 229 P 36 57.10 -0.9
MTMJ 20.21 232 P 36 59.50 -0.1
ILT 20.50 26 iPc 37 03.60 1.5
1.0s 36.00nm 4.7mb
i 37 13.00
TSRJ 21.94 233 P 37 17.30 0.3
WKYJ 23.18 232 P 37 29.90 0.7
YONJ 23.51 237 P 37 33.50 1.1
TKSJ 24.15 234 P 37 39.70 1.2
SHNJ 25.58 239 P 37 53.70 1.7
BOD 25.69 302 eP 38 07.40 14.5X
1.0s 32.00nm
KUMJ 26.95 237 P 38 05.40 0.7
CIT 27.02 289 eP 38 05.00 -0.2
TTA 27.28 46 eP 38 07.03 -0.5
0.7s 3.15nm 4.0mb
SVW 27.41 50 (P) 38 07.57 -1.0
0.9s 10.98nm 4.5mb
KAGJ 27.98 235 P 38 14.80 0.8
FBA 30.98 43 eP 38 39.92 -0.5
0.8s 1.97nm 3.9mb X
ZAK 33.67 290 eP 39 04.00 0.0
1.4s 16.00nm 4.7mb
e 39 19.80
e 41 42.00
MOY 34.52 294 eP 39 12.00 0.7
LZH 40.73 270 eP 40 03.00 -0.6
1.0s 29.00nm 5.0mb
Z 20s 0.37um 4.2Msz
YKA 45.72 40 P 40 43.80 0.3
0.8s 6.80nm 4.6mb
KMI 48.89 259 eP 41 07.00 -2.0
1.0s 20.00nm 5.1mb
pP 41 17.00 34kmX
SVE 52.65 317 eP 41 53.00 16.1X
LOE 55.29 254 eP 41 56.00 -0.7
ORV 55.35 68 eP 41 56.96 0.1
CHTO 55.92 257 iPc 42 01.60 0.4
0.9s 54.77nm 5.6mb
TAPN 56.74 273 P 42 07.18 -0.2
0.8s 44.00nm 5.6mb
ODAN 57.29 273 P 42 10.64 -0.5
0.8s 24.00nm 5.4mb
JIRN 57.48 275 P 42 11.94 -0.7
0.7s 27.00nm 5.5mb
GUN 57.50 275 P 42 12.98 0.2
RAMN 57.73 274 P 42 12.64 -1.6
0.7s 80.00nm 5.9mb
KKN 57.96 276 P 42 15.44 -0.4
0.6s 44.00nm 5.7mb
PKI 58.04 275 P 42 15.44 -1.1
0.9s 46.00nm 5.6mb
DMN 58.20 276 P 42 16.72 -0.8
0.8s 50.00nm 5.7mb
GKN 58.22 276 P 42 16.74 -0.8
0.9s 77.00nm 5.8mb
DANN 58.52 277 P 42 18.52 -1.3
1.0s 69.00nm 5.8mb
KOLN 59.03 277 P 42 21.74 -1.5
0.9s 36.00nm 5.5mb
PYUN 59.18 278 P 42 23.66 -0.7
0.9s 109.00nm 6.0mb X
DUG 59.90 62 eP 42 29.65 0.6
1.0s 5.56nm 4.6mb
TPNV 60.16 67 ePc 42 31.22 0.3
KAF 60.69 336 iP 42 32.70 -1.2
GSC 60.97 69 eP 42 36.29 0.0
ARUT 61.20 65 eP 42 38.77 0.8
SRU 61.92 62 eP 42 42.93 0.1
NUR 62.48 336 eP 42 45.70 -0.2
PV10 63.26 61 eP 42 52.31 0.5
PV08 63.34 61 eP 42 52.54 0.2
NB2 65.00 343 P 43 00.90 -1.6
1.0s 2.90nm 4.2mb
HFS 65.35 341 eP 43 03.40 -1.2
0.3s 0.60nm 4.0mb
HYB 69.74 273 eP 43 31.70 -1.1
CTA 71.55 191 eP 43 43.00 -0.5
EKA 72.73 349 P 43 48.00 -2.1
0.6s 3.00nm 4.4mb
GBA 73.31 271 Pd 43 54.00 0.0
WB2 73.60 203 eP 43 54.00 -1.5
0.7s 9.60nm 4.8mb
ipP 44 10.20 58kmX
WRA 73.60 203 P 43 55.50 0.0
0.8s 5.90nm 4.6mb

PRU 74.47 336 eP 44 07.50 7.2X
YSNY 74.84 39 eP 44 02.11 -0.5
0.6s 7.05nm 4.8mb
KHC 75.50 336 eP 44 06.50 0.2
1.0s 7.00nm 4.5mb
e 44 33.60
e 44 47.00
e 45 21.00
GRF 75.56 338 eP 44 06.90 0.4
Z 25s 0.10um 4.0MszX
GEC2 75.74 336 P 44 07.80 0.1
1.3s 1.92nm 3.9mb X
e 44 09.60
e 44 12.70
e 44 18.10
LBNH 75.83 34 eP 44 08.99 0.8
0.8s 4.60nm 4.5mb
ASPA 77.28 202 iPc 44 16.60 0.2
0.7s 9.70nm 4.9mb
KBA 77.46 336 iPc 44 17.70 0.3
0.8s 9.50nm 4.8mb
i 44 50.50
CDF 77.65 340 eP 44 17.90 -0.4
FLN 78.76 345 eP 44 24.20 0.0
0.9s 14.10nm 4.9mb
LDF 78.86 345 eP 44 24.70 -0.1
1.2s 22.90nm 5.0mb
GRR 79.18 346 eP 44 27.30 0.8
1.0s 31.80nm 5.2mb
LOR 79.43 342 eP 44 27.90 -0.1
1.0s 13.20nm 4.8mb
LPF 79.56 346 eP 44 29.00 0.4
1.0s 20.60nm 5.0mb
HYF 79.67 343 eP 44 29.80 0.6
LBF 79.68 342 eP 44 29.00 -0.4
0.9s 5.10nm 4.5mb
SSF 79.70 342 eP 44 29.40 0.0
0.9s 9.00nm 4.7mb
AVF 79.99 342 eP 44 31.10 0.2
0.9s 14.10nm 4.9mb
SMF 80.03 342 eP 44 31.50 0.3
1.0s 19.40nm 5.0mb
LPL 80.51 340 eP 44 34.90 0.9
1.0s 14.60nm 4.9mb
LPG 80.53 340 eP 44 35.10 0.9
0.9s 10.95nm 4.8mb
MAF 80.69 343 eP 44 35.60 0.9
1.1s 26.35nm 5.1mb
TCF 80.69 343 eP 44 35.20 0.5
1.1s 27.10nm 5.1mb
MFF 80.80 345 eP 44 35.90 0.7
1.0s 25.80nm 5.1mb
LSF 80.85 343 eP 44 36.10 0.6
0.9s 20.15nm 5.1mb
RJF 81.77 343 eP 44 41.10 0.8
1.3s 41.15nm 5.2mb
SBF 81.92 339 eP 44 41.30 0.1
0.8s 17.05nm 5.1mb
CAF 82.03 343 eP 44 42.90 1.2
1.2s 33.90nm 5.2mb
LFF 82.26 344 eP 44 43.90 1.1
1.1s 38.10nm 5.3mb
LPO 82.43 343 eP 44 44.80 1.1
1.0s 37.80nm 5.3mb
LRG 82.55 339 eP 44 44.80 0.4
LMR 82.64 339 eP 44 45.10 0.3
STKA 83.79 194 eP 44 51.10 0.5
1.0s 8.50nm 4.7mb
EPF 84.18 343 eP 44 53.20 0.4
1.0s 9.60nm 4.8mb
TOO 88.91 190 iPd 45 17.40 1.8
0.6s 9.00nm 5.2mb
SYO 146.16 215 ePKPd 51 59.70 0.3
S.D. = 1.0 on 99 of 103 obs.

% JUN 10, 1994 17h 36m 19.58± 1.02s
40.719 N ± 9.1km 29.915 E ± 7.9km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).
HRT 0.21 299 iPg 36 24.00 0.0
EYL 0.24 130 iPg 36 24.50 0.0
eSg 36 27.00
IZI 0.51 222 iPg 36 29.70 -0.1
iSg 36 37.30
ISK 0.74 298 ePg 36 34.50 0.2

eSg 36 44.50
CTT 1.20 291 ePn 36 42.00 -0.5
EDC 1.61 257 ePn 36 49.00 0.3
S.D. = 0.4 on 6 of 6 obs.

? JUN 10, 1994 18h 09m 31.67± 3.34s
31.532 S ±12.7km 117.911 E ±31.4km
DEPTH = 10.0km (geophysicist)
WESTERN AUSTRALIA (590)
KLB 0.14 245 iPd 09 34.90 -0.1
eS 09 36.80
BAL 1.38 311 eP 09 57.00 0.0
eS 10 14.40
NWAO 1.51 202 eP 09 58.70 0.0
eS 10 18.00
MUN 1.52 252 eP 09 59.00 0.1
eS 10 19.00
S.D. = 0.2 on 4 of 4 obs.
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* JUN 10, 1994 18h 49m 14.90± 2.92s
40.275 N ±13.7km 29.794 E ±21.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).
IZI 0.25 284 iPg 49 20.00 -0.3
eSg 49 24.00
HRT 0.55 350 iPg 49 26.50 0.3
KCT 1.10 269 iPg 49 37.00 1.4
iSg 49 52.00
DST 1.12 234 ePg 49 36.00 0.1
BNT 1.43 274 ePn 49 40.00 -1.0
EDC 1.48 273 ePn 49 41.00 -0.5
S.D. = 1.1 on 6 of 6 obs.
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* JUN 10, 1994 19h 08m 30.79± 1.34s
42.786 N ±12.7km 15.987 E ±10.5km
DEPTH = 10.0km (geophysicist)
ADRIATIC SEA (382)
ML 3.1 (TTG).
HVAR 0.52 41 iPgd 08 41.20 -0.1
i 08 45.20
BRY 1.88 86 iPgc 09 01.69 -1.8
iSg 09 23.64
HCY 1.88 99 iPnd 09 02.60 -0.7
iSn 09 25.35
BDV 2.16 102 iPnc 09 07.78 0.5
iSn 09 34.14
NKY 2.22 88 iPnd 09 08.13 -0.1
iSn 09 34.73
TTG 2.44 97 iPnd 09 11.99 0.7
iSn 09 41.17
ULC 2.55 108 iPnd 09 13.38 0.4
iSn 09 44.93
PLE 2.56 77 iPnd 09 13.14 0.1
iSn 09 42.93
VBY 2.77 349 iPn 09 17.10 1.1
i 09 24.90
IVA 2.88 87 iPnd 09 17.96 0.3
iSn 09 50.97
PVY 2.95 92 iPnd 09 18.94 0.3
iSn 09 53.22
PTJ 3.11 360 ePn 09 20.80 -0.1
iSn 09 55.90
TRI 3.33 332 e(Pn) 09 21.20 -2.7
e 09 26.40
e(Sn) 10 02.30
i(Sg) 10 19.10
LJU 3.42 343 ePn 09 26.80 1.6
eSn 10 04.50
e 10 21.00
VOY 3.57 336 iPn 09 28.50 1.0
eSn 10 08.30
KBA 4.68 337 iPnd 09 43.80 0.5
iSn 10 34.70
GEC2 6.27 346 Pn 10 04.40 -1.2
0.4s 0.21nm 3.3mb X
e 10 08.50
e 10 10.30
e 10 12.70
e 10 14.80
S.D. = 1.2 on 17 of 17 obs.

JUN 10, 1994 19h 11m 16.65± 0.34s
10.391 S ± 5.5km 112.726 E ± 6.5km

10d 19h

DEPTH = 28.6km (8 depth phases)
5.3mb (33 obs.) 4.5Msz (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.48 55 ePc 12 13.30 3.0
eS 12 55.00
LEM 6.17 305 ePd 12 50.00 1.6
eS 14 13.00
MKS 8.43 53 ePd 13 30.40 10.5X
NANU 12.40 168 eP 14 08.00 -6.1X
0.4s 24.00nm 5.7mb
eS 16 18.00
MBL 12.70 148 eP 14 11.60 -6.6X
eS 16 19.00
KKM 16.69 12 eP 15 10.50 0.2
MEEK 17.09 162 eP 15 11.20 -4.0X
eS 18 08.00
MTN 18.19 99 eP 15 32.00 3.1X
IPM 18.89 321 ePd 15 36.70 -0.9
MRWA 18.98 171 eP 15 34.50 -4.0X
0.5s 21.00nm 4.6mb
BAL 20.45 170 eP 15 53.00 -1.7
WARB 20.49 142 eP 15 55.00 -0.2
0.6s 16.00nm 4.6mb
eS 19 32.00
SWI 20.71 64 ePc 15 57.50 0.1
SNG 21.21 325 eP 16 06.00 3.5X
e 43 10.00
MUN 21.72 172 eP 16 08.00 0.4
COOL 21.84 160 eP 16 08.00 -0.8
0.5s 22.00nm 4.8mb
e 16 14.00 22km
WOOL 22.23 159 iPd 16 12.70 0.1
eS 20 07.70
WB2 22.90 117 iPd 16 20.00 0.6
0.8s 16.00nm 4.6mb
e 16 31.20 44kmX
ASPA 24.12 126 iPd 16 32.10 0.8
0.8s 39.30nm 5.0mb
eS 21 01.00
PLP 24.64 30 ePd 16 38.00 1.8
PGP 25.10 19 ePc 16 42.50 1.8
NNT 26.22 330 eP 16 52.00 0.9
e 23 31.70
BAG 27.74 16 eP 17 05.00 -0.2
NST 28.74 334 eP 17 15.00 1.0
LOE 29.68 338 iPc 17 21.50 -1.0
e 24 00.00
BDT 30.63 334 eP 17 30.00 -0.8
1.0s 37.30nm 5.2mb
CHTO 32.05 335 ePd 17 43.80 0.5
1.0s 18.75nm 5.0mb
STKA 34.19 133 eP 17 55.40 -6.5X
0.5s 3.00nm 4.5mb
i 18 02.70 25km
KMI 36.62 345 eP+ 18 24.00 1.3
1.2s 30.00nm 5.0mb
Z 14s 1.90um 5.0MszX
N 13s 0.90um
E 13s 1.30um
pP 18 33.80 33km
eS 24 08.00
TOO 39.99 138 eP 18 53.50 2.8X
0.7s 11.00nm 4.7mb
SSE 42.04 11 Pd 19 08.20 0.8
Z 20s 0.50um 4.4Msz
pP 19 17.00 30km
i 19 29.00
eS 25 24.00
GBA 42.36 304 P 19 12.00 1.7
HYB 43.63 309 eP 19 21.00 0.3
ODAN 44.45 327 P 19 27.43 0.0
0.6s 62.00nm 5.7mb
TAPN 44.68 328 P 19 29.49 0.2
0.6s 59.00nm 5.7mb
RAMN 44.95 326 P 19 31.35 -0.1
0.5s 29.00nm 5.4mb
JIRN 45.74 326 P 19 37.69 -0.1
0.6s 114.00nm 6.0mb
PKI 46.10 326 P 19 40.07 -0.5
GUN 46.10 326 P 19 40.67 0.0
0.7s 156.00nm 6.1mb
DMN 46.29 325 P 19 41.81 -0.3
0.6s 109.00nm 6.0mb
KKN 46.34 326 P 19 41.75 -0.6
0.9s 192.00nm 6.0mb
GKN 46.86 325 P 19 45.89 -0.6
0.7s 58.00nm 5.7mb
LZH 46.98 350 eP 19 47.50 0.2
1.5s 132.00nm 5.7mb
pP 19 57.00 32km
sP 20 02.50
KOLN 47.27 324 P 19 49.33 -0.5
0.6s 111.00nm 6.1mb
DANN 47.62 325 P 19 52.21 -0.4
0.6s 139.00nm 6.2mb
PYUN 47.88 324 P 19 53.91 -0.6
0.9s 195.00nm 6.1mb
POO 47.93 307 eP 19 50.00 -4.9X
TKSJ 48.56 24 eP 20 03.20 3.8X
WKYJ 49.39 25 eP 20 03.50 -2.5
YONJ 49.40 22 P 20 05.00 -0.9
BJI 50.28 3 eP 20 12.00 -0.5
1.0s 6.00nm 4.6mb
Z 20s 0.60um 4.6Msz
N 17s 0.79um
e 20 21.00 30km
TSRJ 50.69 25 eP 20 17.90 2.2
NDI 51.82 320 eP 20 25.50 1.0
MTMJ 52.35 26 P 20 27.20 -1.2
CHJJ 52.41 27 eP 20 26.80 -2.0
MAT 52.48 26 eP 20 27.00 -2.4
0.7s 5.48nm 4.6mb
YAMJ 54.64 26 eP 20 44.10 -1.1
OFUJ 56.11 27 eP 20 54.50 -1.3
MRRJ 58.62 24 eP 21 24.30 10.8X
ASAJ 60.67 24 eP 21 26.70 -0.8
ZAK 61.08 353 eP 21 30.50 0.3
1.2s 38.00nm 5.4mb
e 29 52.00
e 31 18.00
CIT 62.14 1 eP 21 37.00 -0.4
IRK 62.83 354 eP 21 49.90 8.0X
1.5s 25.00nm 5.1mb
Z 14s 0.37um 4.7MszX
N 14s 0.25um
YSS 63.11 23 eP 21 41.90 -1.9
e 21 51.00 29km
FRU 63.38 329 eP 21 54.00 8.2X
1.8s 50.00nm 5.3mb
MAIO 68.28 316 eP 22 26.00 8.6X
ASH 69.92 317 eP 22 36.00 8.7X
0.9s 85.00nm 5.8mb
YAK 73.39 8 eP 22 46.80 -0.8
1.4s 105.00nm 5.7mb
SVE 79.47 334 ePc 23 31.80 10.0X
e 23 41.00 29km
SPA 79.67 180 iPd 23 24.00 1.0
1.0s 2.50nm 4.2mb X
PYA 82.97 317 iP 23 50.00 9.5X
KIV 83.19 317 eP 23 51.70 9.9X
Z 17s 0.10um 4.2MszX
e 33 58.30
OBN 90.63 326 eP 24 27.00 9.5X
1.0s 31.00nm 5.6mb
e 28 02.00
BCAO 94.90 274 iPd 24 49.00 10.8X
0.7s 12.00nm
KAF 97.43 332 eP 24 58.10 9.6X
TTA 99.74 28 (P) 25 03.84 4.7X
1.3s 2.84nm 4.6mb
GEC2 103.68 318 Pdiff 25 26.50 9.4X
1.3s 1.36nm 4.6mb
e 25 41.10
LRM 127.81 39 ePKP 30 32.80 11.1X
ALQ 136.77 49 (PKP) 30 43.89 4.9X
RSNY 145.40 9 ePKP 30 55.02 1.3
FVM 145.55 33 ePKP 30 55.89 1.7
e 31 04.17
ITR 145.55 237 ePKP 30 55.30 0.4
e 30 57.70
e 31 05.60
MIAR 146.01 41 ePKP 30 58.49 3.4X
i 31 07.14
LBNH 146.04 6 ePKP 30 59.52 4.7X
YSNY 146.55 15 ePKP 31 01.02 5.3X
BINY 147.41 12 (PKP) 31 01.44 4.4X
HRV 147.79 6 (PKP) 31 03.26 5.6X
BAO 147.86 217 ePKP 31 03.50 4.8X
BDFB 147.86 217 ePKP 31 03.54 4.9X
LSCT 148.40 9 ePKP 31 04.03 5.4X
MOCB 148.52 183 PKP 31 06.40 6.4X
NAV 150.55 22 ePKP 31 07.19 5.0X
e 31 18.29
CVL 150.75 18 ePKP 31 08.30 6.0X
LPB 153.24 178 PKP 30 58.00 -9.1X
LPAZ 153.48 178 iPKPd 30 54.40 -13.3X
S.D. = 1.2 on 56 of 95 obs.

JUN 10, 1994 19h 17m 52.29± 0.31s
10.291 S ± 6.7km 113.502 E ± 7.5km
DEPTH = 33.0km (normal)
5.4mb (25 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 2.83 48 ePd 17 39.90 -56.2X
eS 18 16.20
e 25 50.00
LEM 6.76 300 ePc 19 31.50 -0.5
MKS 7.77 50 iPc 20 05.00 19.1X
NANU 12.36 171 eP 20 41.50 -7.3X
eS 22 50.00
MBL 12.40 151 eP 20 42.70 -6.7X
iS 22 48.00
KKM 16.45 10 eP 21 51.00 8.5X
MEEK 16.96 164 eP 21 44.00 -4.8X
iS 24 38.00
MTN 17.46 100 eP 21 56.00 1.0
eS 24 56.00
MRWA 18.97 173 eP 22 10.00 -3.6X
0.4s 23.00nm 4.8mb
eS 25 25.00
IPM 19.30 319 ePc 22 19.20 1.6
0.8s 26.10nm 4.5mb
SWI 19.98 63 ePc 22 24.00 -1.0
WARB 20.11 144 eP 22 26.00 -0.3
eS 25 56.00
BAL 20.43 172 eP 22 28.00 -1.6
KLB 21.56 170 eP 22 44.00 2.9X
COOL 21.69 162 eP 22 41.00 -1.4
0.6s 62.00nm 5.2mb
e 22 45.00
MUN 21.73 174 eP 22 49.00 6.3X
eS 26 30.00
WOOL 22.06 161 iPd 22 45.30 -0.7
eS 26 31.80
WB2 22.27 118 iPc 22 48.90 0.6
0.5s 40.50nm 5.1mb
e 22 59.60
iS 26 46.40
NWAO 22.79 172 eP 22 59.00 5.8X
ASPA 23.57 127 iPd 23 01.70 0.7
0.6s 29.00nm 5.0mb
iS 27 20.40
NST 29.00 333 eP 23 33.50 -17.8X
BDT 30.89 332 eP 24 08.50 0.4
1.0s 42.80nm 5.2mb
CHTO 32.29 334 eP 24 21.90 1.4
STKA 33.71 134 eP 24 32.80 0.1
0.7s 43.90nm 5.5mb
KMI 36.73 344 eP- 25 01.00 2.2
1.2s 40.00nm 5.2mb
ARMA 40.70 125 eP 25 34.00 2.3
0.7s 7.00nm 4.5mb
SSE 41.80 10 P 25 46.00 5.5X
1.2s 17.00nm 4.7mb
ODAN 44.79 326 P 26 04.79 -0.4
0.7s 50.00nm 5.5mb
TAPN 45.01 327 P 26 07.07 0.1
0.7s 57.00nm 5.6mb
RAMN 45.30 325 P 26 09.31 0.0
0.9s 89.00nm 5.7mb
JIRN 46.08 326 P 26 15.43 -0.2
0.7s 70.00nm 5.7mb
GUN 46.45 326 P 26 18.21 -0.2
0.8s 106.00nm 5.9mb
PKI 46.45 325 P 26 17.55 -0.9
0.7s 32.00nm 5.4mb
DMN 46.65 325 P 26 19.59 -0.4
0.8s 124.00nm 5.9mb
KKN 46.69 325 P 26 19.85 -0.4
0.8s 49.00nm 5.5mb
LZH 47.02 349 eP 26 23.00 0.4
1.4s 38.00nm 5.2mb
Z 15s 1.02um 4.9MszX
N 14s 0.97um
pP 26 36.00 48kmX
GKN 47.22 324 P 26 24.01 -0.3
0.8s 68.00nm 5.7mb
KOLN 47.65 323 P 26 27.23 -0.5
0.7s 75.00nm 5.8mb

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DANN    47.99 324 P       26 29.97  -0.6
        0.7s     79.00nm         5.9mb
TKSJ    48.16  23 P       26 30.80  -0.6
PYUN    48.25 323 P       26 32.25  -0.2
        1.0s    104.00nm         5.8mb
POO     48.48 306 eP      26 30.00  -4.2X
WKYJ    48.98  24 P       26 37.30  -0.5
YONJ    49.02  22 P       26 36.30  -1.7
BJI     50.13   3 eP      26 45.50  -0.9
MAT     52.06  25 eP      26 59.00  -2.2
              (S)         34 02.00
MAIO    68.74 315 eP      28 56.00   0.7
GRM     81.88 238 iPc     30 13.50   3.3X
BOSA    83.49 242 eP      30 18.80   0.3
OBN     90.98 326 eP      30 55.00   0.9
              e           31 03.00
SDN     96.11  35 eP      31 17.86   0.2
        0.7s     18.17nm         5.7mb
KAF     97.70 332 iP      31 31.80   7.1X
        0.8s     4.90nm          5.1mb
FVM    145.04  34 ePKP    37 28.69   0.4
RSNY   145.17  10 ePKP    37 27.17  -1.1
MIAR   145.44  41 ePKP    37 30.92   1.9
ITR    146.25 237 ePKP    37 31.90   0.9
YSNY   146.25  16 ePKP    37 31.90   1.7
BAO    148.39 216 ePKP    37 38.30   3.8X
BDFB   148.39 216 ePKP    37 39.93   5.5X
MOCB   148.65 182 PKP     37 34.00  -1.2
CCH    152.50 181 ePKP    37 52.00  11.1X
LPB    153.30 177 PKP     37 52.60  10.5X
LPAZ   153.54 176 PKP     37 46.40   3.7X
     S.D. = 1.1  on  43 of  63 obs.
-------------------------------------
   JUN 10, 1994  19h 42m 44.71± 1.10s
   42.887 N ± 9.5km    3.804 E ± 9.4km
   DEPTH =  10.0km  (geophysicist)
  PYRENEES                        (378)
      ML 2.7 (STR).

PERF     0.79 240 Pg      43 01.16   1.0
MTHF     0.93 274 Pg      43 01.53  -1.0
VDCF     1.10 255 Pg      43 05.19  -0.2
LSPF     1.40 273 Pg      43 10.20   0.0
TRGS     1.41 255 Pg      43 10.02  -0.5
CDR      1.64  61 ePn     43 18.40   4.8X
GRBF     1.67 269 Pg      43 13.90  -0.3
PAND     1.70 258 Pg      43 14.64  -0.2
LESF     1.86 275 Pg      43 18.78   1.9X
SALF     1.93 267 Pg      43 18.82   0.9
LBL      2.38 350 Pn      43 24.65   0.2
                  Pg      43 31.52
PYM      2.92 349 Pn      43 32.52   0.4
                  Pg      43 40.36
                  Sg      44 17.33
PLDF     3.08 358 Pn      43 34.18  -0.2
AGO      3.20 352 Pn      43 36.41   0.4
GEC2     9.12  46 Pn      44 58.80  -0.5
                  e       45 00.20
     S.D. = 0.6  on  13 of  15 obs.
-------------------------------------
   JUN 10, 1994  20h 11m 06.58± 0.46s
   47.679 N ± 4.5km   15.187 E ± 4.6km
   DEPTH =  10.0km  (geophysicist)
  AUSTRIA                         (546)
      ML 3.5 (GRF), 3.1 (VIE), 2.9
      (FUR). Felt (IV) at Wildalpen.

KMR      0.80 298 iPg+    11 20.80  -1.4
                  iSg     11 32.00
VKA      0.96  52 iPgd    11 24.80   0.0
                  iSg     11 38.70
                  i       11 39.80
ZST      1.39  67 iPn     11 32.00   0.1
                  iSn     11 51.80
KBA      1.39 245 iPgc    11 30.10  -2.0
                  i       11 32.70
                  i       11 48.80
                  iSg     11 51.00
BHG      1.56 272 iPgc    11 36.60   2.2
LJU      1.70 196 ePn     11 37.30   0.9
                  eSn     12 02.40
KHC      1.81 324 Pg      11 37.40  -0.6
                  e       11 59.00
                  eSg     12 01.00
PTJ      1.86 163 iPn     11 38.10  -0.7
                  iSn     12 05.00
VOY      1.87 209 iPn     11 39.90   0.9
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                  iSn     12 06.00
SRO      2.11  85 eP      11 46.40   4.0X
WET      2.12 315 iPnc    11 43.10   0.5
VBY      2.18 179 ePn     11 42.60  -0.7
TRI      2.20 207 eP      11 49.10   5.4X
PRU      2.35 350 Pn      11 46.10   0.3
       0.4s     33.60nm
                  Pg      11 48.70
                  i       11 52.80
                  eSn     12 09.60
                  eSg     12 16.40
WTTA     2.44 262 iPgd    11 47.60   0.3
                  i       11 49.90
                  iSg     12 22.00
WATA     2.47 263 iPnd    11 48.00   0.3
                  iPg     11 51.10
                  iSg     12 22.50
FUR      2.67 282 iPgc    11 55.10   4.6X
SQTA     2.74 262 iPnc    11 51.80   0.3
                  iPg     11 57.50
                  iSg     12 31.30
MOTA     2.79 265 iPnc    11 51.90  -0.3
                  i       12 33.10
OKC      2.91  41 e(Pn)   11 54.10   0.3
                  Sg      12 43.80
BRG      3.30 346 iPg     12 07.20   7.9X
                  eSg     12 50.50
GRF      3.31 309 e(Pn)   11 59.30  -0.2
                  ePg     12 07.30
                  eSg     12 49.80
HOF      3.42 322 ePn     12 09.00   8.0X
MOX      3.78 323 ePn     12 06.10  -0.1
                  ePg     12 15.80
                  iSg     13 03.70
CLL      3.90 339 iPg     12 19.20  11.4X
                  iSg     13 09.80
     S.D. = 1.0  on  19 of  25 obs.
-------------------------------------
* JUN 10, 1994  20h 14m 10.64± 0.53s
  27.910 N ± 8.1km  140.847 E ±13.2km
  DEPTH =  33.0km  (normal)
  4.8mb ( 15 obs.)  4.0Msz (  1 obs.)
 BONIN ISLANDS REGION             (212)

MAT      8.89 346 eP      16 21.00   1.2
       0.7s     10.27nm          5.1mb
                  eS      18 21.00
CVP     20.24 244 eP      18 47.00   1.1
       1.0s     63.00nm          4.9mb
BAG     21.95 243 eP      19 08.00   4.6X
BJI     23.69 307 eP      19 19.50  -0.6
       2.0s     32.00nm          4.5mb
     Z  20s     0.48um           4.0Msz
                  eS      23 40.00
LZH     32.27 294 eP      20 39.50   0.9
       1.4s     45.00nm          5.2mb
LOE     37.44 262 eP      21 32.00   9.2X
MTN     41.59 194 iPd     21 58.10   0.9
       0.4s     15.00nm          5.1mb
WB2     47.98 188 iPc     22 47.90  -0.5
       0.7s     66.80nm          5.8mb
                  e       22 57.20
ASPA    51.71 188 iPc     23 16.30  -0.6
       1.0s     16.10nm          4.9mb
                  i       24 29.50
NDI     55.41 287 iPd     23 44.50   0.3
STKA    59.46 179 eP      24 11.50  -1.0
       2.0s     22.00nm          4.9mb
GBA     60.40 270 Pd      24 20.00   0.6
YKA     71.99  28 P       25 32.40  -0.2
       1.0s      3.30nm          4.3mb
DAG     74.81 355 eP      25 49.50   0.6
       1.0s     22.00nm          5.1mb
OBN     75.18 325 eP      25 50.50  -0.8
       1.0s     17.00nm          5.0mb
KAF     76.23 334 iP      25 56.10  -1.0
       0.6s      3.60nm          4.6mb
NUR     77.80 333 iP      26 05.20  -0.7
LRM     81.08  43 ePd     26 26.20   1.9
HFS     82.21 336 eP      26 28.10  -1.4
       0.4s      1.90nm          4.5mb
     Z  16s      0.04um          3.9MszX
                  LR      01 29.00
NB2     82.41 338 P       26 29.50  -1.1
       0.8s      3.40nm          4.5mb
GEC2    90.20 328 P       27 07.80  -1.4
       0.6s      0.87nm          4.2mb
```

```
LPAZ   150.84  73 PKP     33 58.50   1.7
LPB    150.99  73 PKP     34 03.90   7.1X
     S.D. = 1.1  on  20 of  23 obs.
-------------------------------------
? JUN 10, 1994  21h 15m 58.70± 1.37s
  54.756 N ±13.3km  161.860 E ±43.3km
  DEPTH =  33.0km  (normal)
  4.6mb ( 10 obs.)
 NEAR EAST COAST OF KAMCHATKA     (218)

MAT     24.40 231 eP      21 15.00   0.0
KAF     58.36 337 iP      25 52.40   0.0
       0.4s      5.80nm          5.0mb
NUR     60.16 337 iP      26 04.40  -0.5
       0.5s      4.50nm          4.9mb
NB2     62.23 344 P       26 18.10  -0.9
       0.6s      2.20nm          4.5mb
HFS     62.68 343 eP      26 20.60  -1.3
       0.5s      1.90nm          4.5mb
     Z  16s      0.04um          3.7MszX
                  LR      51 28.00
CLL     71.16 340 iPd     27 16.20   0.7
       1.3s     15.00nm          4.9mb
BRG     71.38 339 eP      27 16.90   0.1
PRU     72.10 339 eP      27 28.50   7.4X
       1.0s      3.50nm          4.3mb
GRF     73.05 341 eP      27 28.10   1.3
       0.9s      6.60nm          4.6mb
GEC2    73.36 339 P       27 29.40   0.7
       0.6s      1.49nm          4.2mb
WRA     78.03 206 P       27 55.00  -0.3
       0.7s      0.60nm          3.7mb
ASPA    81.71 206 iPc     28 14.90   0.0
       0.8s      6.90nm          4.7mb
     S.D. = 0.8  on  11 of  12 obs.
-------------------------------------
   JUN 10, 1994  21h 39m 50.45± 0.15s
   27.995 N ± 3.0km  140.700 E ± 3.5km
   DEPTH =  28.2km  ( 65 depth phases)
   5.4mb ( 96 obs.)  5.0Msz ( 27 obs.)
  BONIN ISLANDS REGION            (212)
       Mw 5.8 (HRV).
       CENTROID, MOMENT TENSOR    (HRV)
       Data Used: GDSN
       L.P.B.: 48S, 96C
       Centroid Location:
       Origin Time         21:39:55.0 0.2
       Lat 27.79N 0.03 Lon 140.66E 0.02
       Dep  15.0 FIX Half-duration  1.9
       Moment Tensor;   Scale 10**17 Nm
         Mrr=-4.81 0.08  Mtt= 0.00 0.09
         Mff= 4.80 0.11  Mrt= 1.35 0.25
         Mrf= 1.14 0.32  Mtf=-0.30 0.08
        Principal Axes:
         T  Val=  4.94   Plg= 6  Azm=268
         N         0.36       15       0
         P        -5.30       74     155
       Best Double Couple:Mo=5.1*10**17
       NP1:Strike=342 Dip=41 Slip=-113
       NP2:        191     53      -72

WKYJ     7.59 326 P       41 43.60   1.5
IIDJ     7.83 343 P       41 51.60   6.2X
CHJJ     8.16 350 P       41 51.40   1.5
                  S       43 22.80
KAKJ     8.20 357 eP      41 50.20  -0.2
                  S       43 21.50
TKSJ     8.26 318 P       41 55.10   3.8X
TSRJ     8.52 333 P       42 00.00   5.1X
MAT      8.78 347 eP      42 01.00   2.5
                  eS      43 44.00
MTMJ     8.91 345 P       42 04.60   4.2X
KAGJ     9.11 293 eP      42 01.60  -1.5
NIIJ     9.33 352 eP      42 04.90  -1.2
                  eS      43 53.70
YONJ     9.46 321 P       42 11.90   4.0X
SHK      9.46 316 eP      42 14.00   6.0X
KUMJ     9.66 300 P       42 10.50  -0.2
YAMJ    10.17 357 eP      42 16.20  -1.4
                  eS      44 11.10
SHNJ    10.24 309 eP      42 20.80   2.1
OFUJ    11.09   4 eP      42 26.70  -3.5X
AOMJ    12.54 359 eP      42 49.90   0.2
MRRJ    14.40   1 eP      43 13.10  -1.2
HOOJ    14.51   8 eP      43 15.30  -0.4
                  eS      45 47.20
GUMO    14.85 164 eP      43 21.10   0.8
```

10d 21h

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            1.1s   416.90nm          5.7mb
                     eS    46 15.00
PJG        14.85 164 Pn    43 21.50   1.2
                     e     43 23.40
SAP        15.04   2 eP    43 27.00   4.4X
KUSJ       15.42  11 eP    43 25.60  -1.9
                     eS    46 06.60
ASAJ       16.17   5 eP    43 35.10  -2.1
VLA        16.69 337 iPc   43 47.00   3.2X
            0.8s   212.00nm          5.3mb
                     iS    46 54.00
SSE        17.26 285 Pc    43 55.00   4.0X
            1.2s    83.00nm          4.7mb
         Z  12s     5.00um           5.0MszX
         N  10s     2.30um
         E  10s     4.40um
                     i     44 05.50
                     sP    44 54.00
                     i     46 32.00
                     S     47 16.00
                     i     48 24.00
BBP        18.66 250 ePc   44 11.00   2.7
YSS        19.05   4 ePc-  44 12.20  -0.8
         Z  13s     5.10um
         N  13s     4.10um
         E  13s     4.00um
                     eS    47 44.00
CVP        20.16 243 ePd   44 27.00   1.6
BAG        21.87 242 eP+   44 43.00  -0.1
            1.4s   116.28nm          5.1mb
                     e     48 40.00
GQP        22.03 234 ePc   44 46.00   1.6
PLP        22.31 224 ePd   44 49.60   2.3
QCP        22.56 238 eP    44 42.00  -7.7X
QVP        22.62 238 eP    44 59.00   8.7X
TGY        23.00 237 ePd   44 58.00   3.8X
PGP        23.38 236 eP    45 02.00   4.2X
BJI        23.53 307 eP    44 58.50  -0.5
            1.8s   382.00nm          5.6mb
         Z  12s     4.53um           5.2MszX
         N  11s     3.19um
                     epP   45 09.00  40kmX
                     eS    49 14.00
MAP        23.58 225 ePd   45 02.00   2.3
CGP        24.62 221 eP    45 11.00   1.2
HKC        24.65 263 eP    45 13.70   3.7X
                     S     49 32.00
DAV        25.25 217 eP    45 14.50  -1.3
PET        28.32  23 eP    45 46.00   2.4
            1.0s    60.00nm          5.3mb
         Z  14s     3.60um           5.1MszX
         N  14s     3.30um
         E  14s     3.30um
                     e     46 38.00 268kmX
                     e     52 00.00
SWI        30.09 199 ePc   45 58.50  -1.3
CIT        31.39 327 eP    46 10.60  -0.4
KKM        31.88 231 ePd   46 17.00   1.3
KVG        31.92 161 e(P)  46 12.70  -3.3X
LZH        32.12 294 Pd    46 19.00   1.2
            1.2s   349.00nm          6.2mb
         Z  30s     8.31um           5.2MszX
         E  20s     0.70um
                     pP    46 29.00  36km
                     sP    46 34.00
                     eS    51 23.00
KMI        33.99 274 P-    46 35.00   0.8
            1.4s    60.00nm          5.3mb
         Z  20s     2.20um           4.9Msz
         N  13s     0.90um
         E  13s     1.30um
                     pP    46 44.20  31km
                     S     52 00.00
                     sS    52 22.00
YAK        34.80 351 iPc   46 38.90  -1.5
            2.0s   428.00nm          6.0mb
         Z  12s     3.20um           5.3MszX
         N  11s     2.40um
                     eS    52 15.00
SMY        34.95  36 (P)   46 40.47  -1.4
            0.6s    23.53nm          5.3mb
         Z  20s     1.04um           4.6Msz
BOD        35.15 336 eP    46 42.70  -0.8
            1.2s    67.00nm          5.4mb
ZAK        36.07 319 eP    46 51.00  -0.3
            1.2s    52.00nm          5.3mb
                     eS    52 28.00
                     e     55 24.00
IRK        36.31 322 eP    46 54.00   0.6
         Z  11s     1.99um           5.1MszX
         N  11s     1.17um
         E  11s     2.01um
                     e     48 31.00 536kmX
                     e     55 35.00
LOE        37.32 262 eP    47 03.00   0.7
CHTO       39.24 266 ePc   47 19.20   0.8
            1.1s    79.51nm          5.4mb
                     eS    53 21.00
NST        39.43 261 eP    47 22.80   2.9
ADK        39.67  41 eP    47 21.29  -0.2
            0.9s    47.92nm          5.2mb
BDT        39.78 263 iPc   47 24.50   1.7
            1.0s   220.80nm          5.9mb
NNT        41.15 257 eP    47 36.00   1.9
MTN        41.64 194 eP    47 37.00  -1.0
KGM        44.06 241 eP    48 00.50   2.6
IPM        44.31 246 eP    48 02.00   2.0
            0.9s    47.40nm          5.3mb
LEM        47.11 228 iPd   48 23.10   0.8
WB2        48.05 188 iPc   48 26.80  -2.6
            1.0s   437.90nm          6.4mb X
                     i     48 36.90  34km
                     iS    54 14.00
                     iScP  55 48.30
WRA        48.05 188 P     48 24.10  -5.3X
            0.6s   123.00nm          6.1mb
WRA        48.05 188 P     48 48.00  18.6X
            1.1s    51.80nm
CTA        48.10 173 iPc   48 28.00  -1.8
            1.5s   111.11nm          5.7mb
                     e     48 50.00  91kmX
                     e     49 10.00
                     eS    55 24.00
ANM        49.76  27 eP    48 43.04   1.0
                     epP   48 51.59  29km
SDN        49.84  40 eP    48 42.21  -0.6
            0.9s   176.09nm          6.1mb
                     epP   48 50.86  29km
ASPA       51.78 188 iPc   48 55.70  -2.2
            0.8s   100.70nm          5.8mb
                     eS    56 21.00
AAA        52.80 305 iP+   49 07.50   2.0
         Z  12s     1.20um           5.2MszX
         N  12s     0.60um
         E  12s     1.20um
                     e     50 18.00 334kmX
                     e     51 06.00
                     eS    56 47.00
                     eSS   00 14.00
MBL        52.87 205 eP    49 05.00  -1.0
SVW        53.23  33 eP    49 08.34   0.0
            0.7s    34.05nm          5.4mb
                     epP   49 17.39  30km
TTA        53.34  31 eP    49 08.82  -0.4
            1.0s    10.24nm          4.8mb
KDC        54.49  37 (P)   49 16.96  -0.6
            0.9s    28.45nm          5.3mb
                     epP   49 25.83  29km
FRU        54.55 304 eP    49 20.00   1.7
            2.0s   220.00nm          5.8mb
                     e     57 03.00
IMA        54.89  27 ePd   49 19.59  -1.0
            1.6s    47.09nm          5.3mb
NDI        55.26 287 iPd   49 24.00   0.4
                     eS    57 08.00
WARB       55.54 195 eP    49 24.70  -0.8
NOUC       55.60 151 iPc   49 25.90  -0.1
HON        55.61  82 P     49 40.00  13.7X
         Z  21s     1.72um           5.1Msz
DZM        55.64 151 iPc   49 25.20  -1.2
NANU       55.83 208 eP    49 27.00  -0.6
PMR        56.39  33 eP    49 30.59  -0.7
            1.1s    24.92nm          5.2mb
         Z  22s     0.36um           4.4Msz
FBA        57.18  29 eP    49 37.54   0.6
            0.8s     8.26nm          4.8mb
                     epP   49 45.47  26km
HYB        57.77 274 eP    49 43.50   1.8
            1.2s   121.20nm          5.8mb
                     e     49 51.50  26km
                     eS    57 44.00
KLU        57.92  33 eP    49 41.38  -0.9
MEEK       58.32 203 eP    49 44.00  -1.3
VUN        58.55 137 eP    49 46.00  -1.0
ARMA       59.02 169 eP    49 48.20  -2.0
            0.9s    26.00nm          5.4mb
STKA       59.55 179 iPd   49 52.10  -1.5
            1.0s   106.10nm          5.9mb
                     i     50 00.10  26km
BALM       59.67  33 eP    49 53.41  -1.0
                     epP   50 02.01  28km
GBA        60.27 270 P     49 59.00   0.0
COOL       61.45 199 eP    50 05.00  -1.8
POO        61.49 277 iPc   50 06.50  -0.8
            1.2s   121.88nm          5.9mb
                     iS    58 32.00
WOOL       61.50 199 iPc   50 05.50  -1.5
MRWA       61.61 205 eP    50 07.00  -0.8
SVE        61.71 322 ePd   50 06.00  -2.2
            1.6s   120.00nm          5.8mb
         Z  13s     1.70um           5.4MszX
         N  13s     1.30um
         E  13s     1.15um
                     e     50 15.50  31km
                     e     50 54.00
                     eS    58 28.00
BWA        62.51 173 eP    50 11.70  -2.1
                     i     50 13.90   7kmX
                     i     50 20.90
                     i     50 32.60
BAL        62.61 203 eP    50 13.50  -1.0
ADE        62.65 182 eP    50 13.10  -1.6
CAN        63.46 172 eP    50 18.60  -1.4
                     i     50 26.70  26km
                     i     50 35.00
CNB        63.50 172 eP    50 19.70  -0.6
            1.0s    47.00nm          5.6mb
SIT        63.78  37 eP    50 23.03   1.1
            0.9s     9.87nm          4.9mb
                     epP   50 30.80  25km
NWAO       64.56 202 eP    50 26.80  -0.4
            0.7s    23.00nm          5.4mb
TOO        65.37 176 iPd   50 32.00  -0.4
            0.7s    48.00nm          5.7mb
MAIO       67.39 300 eP    50 46.00   0.4
                     eS    59 46.00
ASH        67.73 302 eP    50 49.00   1.4
                     e     53 15.00 779kmX
                     e     00 20.00
KAT        68.87 304 eP    50 55.00   0.4
         Z  11s     1.00um           5.3MszX
         N  11s     1.00um
         E  11s     0.70um
                     e     51 05.00  32km
                     e     53 32.00
                     ePS   00 35.00
LVZ        70.14 337 (P)   51 00.80  -1.2
                     e     51 11.10  33km
YKA        71.98  28 P     51 12.20  -0.9
            0.6s    11.00nm          5.1mb
BAK        73.03 307 iPd   51 21.00   1.3
SDF        73.13 338 iP    51 21.00   1.2
MCW        73.52  43 eP    51 22.99   0.5
                     epP   51 32.49  31km
ONR        73.66  45 P     51 25.97   2.7
GMW        74.01  44 eP    51 26.11   0.8
                     epP   51 35.20  29km
BMW        74.17  46 eP    51 27.01   0.7
                     epP   51 35.92  29km
JCW        74.27  44 P     51 27.67   0.9
RMW        74.65  44 eP    51 29.65   0.6
                     epP   51 38.75  29km
DAG        74.71 355 eP    51 27.00  -1.8
            1.1s   283.54nm          6.2mb
GRO        74.75 311 iPd-  51 31.00   1.4
            1.0s   110.00nm          5.8mb
                     eS    01 24.00
RNO        74.88  48 P     51 32.61   2.1
SHW        74.91  46 eP    51 31.63   0.9
                     epP   51 40.82  29km
LON        74.94  45 eP    51 32.13   1.3
                     epP   51 39.65  24km
FMW        74.95  45 P     51 32.22   1.2
OBN        75.03 325 iP    51 29.70  -1.3
            1.0s   119.00nm          5.9mb
         Z  14s     1.20um           5.3MszX
         N  12s     0.70um
         E  14s     1.00um
                     i     51 38.50  28km
                     e     01 44.00
                     ePS   02 06.00
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SSOR 75.33 47 P 51 34.57 1.5
ASR 75.33 45 P 51 33.72 0.6
DBO 75.54 49 P 51 34.51 0.2
EBG 75.65 44 P 51 35.55 0.8
WTV 75.68 43 P 51 35.77 0.8
PUL 75.71 331 eP 51 34.00 -0.7
e 51 42.00 26km
e 54 20.00
ePPP 56 16.00
eS 01 12.00
ePS 01 44.00
VBEM 75.80 46 P 51 36.27 0.4
SAW 76.02 43 P 51 37.52 0.7
MTA 76.03 310 iPc 51 37.20 0.3
1.0s 50.00nm 5.5mb
KAF 76.09 334 iP 51 35.60 -1.3
0.7s 32.50nm 5.5mb
VGB 76.12 46 eP 51 37.85 0.4
epP 51 46.72 28km
PYA 76.20 313 iPc 51 38.00 0.1
1.0s 100.00nm 5.8mb
Z 20s 1.00um 5.1Msz
i 51 54.00 57kmX
ePPP 56 12.00
eS 01 24.00
CROR 76.22 46 P 51 38.63 0.5
KIV 76.47 313 iPd 51 39.80 0.2
Z 21s 1.20um 5.2Msz
i 51 49.00 29km
iS 01 23.80
YBH 76.49 50 eP 51 40.56 0.9
1.1s 80.00nm 5.7mb
TAB 76.50 306 iP- 51 40.00 0.1
VIPM 76.66 47 P 51 42.09 1.4
DPW 76.67 43 eP 51 40.83 0.3
epP 51 49.70 28km
JBO 76.74 45 P 51 42.22 1.3
WDC 77.10 51 eP 51 43.27 0.3
1.0s 33.53nm 5.3mb
epP 51 52.28 29km
NEW 77.13 42 eP 51 43.06 0.0
1.2s 65.28nm 5.5mb
Z 18s 0.37um 4.7Msz
epP 51 52.56 30km
LBFM 77.21 50 eP 51 44.36 0.5
epP 51 53.54 29km
LNOR 77.53 45 P 51 46.02 0.7
NUR 77.67 333 iP 51 44.40 -1.2
0.6s 15.20nm 5.2mb
ORV 78.27 51 eP 51 49.60 0.2
1.4s 100.00nm 5.7mb
BKS 78.50 53 eP 51 52.81 2.1
1.1s 70.00nm 5.6mb
SOC 78.56 313 eP 51 51.00 0.1
1.0s 120.00nm 5.9mb
e 54 54.00
eS 02 02.00
eSP 02 44.00
ARN 79.23 53 eP 51 54.93 0.1
epP 52 04.25 30km
ANN 79.47 315 eP 51 56.00 0.2
1.2s 80.00nm 5.6mb
SAO 79.56 54 P 52 10.00 13.5X
Z 18s 0.56um 4.9Msz
CMB 79.73 52 eP 51 57.99 0.5
1.5s 110.00nm 5.6mb
MNK 80.17 326 eP 51 57.00 -2.3
PHAM 80.74 54 eP 52 04.84 2.0
epP 52 12.68 25km
UPP 80.82 335 iP 52 01.00 -1.7
i 52 03.00 6kmX
i 52 10.50
iS 02 10.00
KVN 80.84 51 eP 52 03.78 0.2
epP 52 13.02 29km
LRM 81.11 43 ePc 52 05.60 0.7
i 52 14.70 29km
BONR 81.22 52 eP 52 05.71 0.0
epP 52 15.29 30km
BCH 81.27 55 (P) 52 05.56 -0.2
epP 52 15.15 30km
TNP 81.91 51 eP 52 09.27 0.1
1.3s 55.68nm 5.4mb
epP 52 18.37 29km
ABL 82.05 55 eP 52 10.70 0.7
epP 52 19.34 27km
HFS 82.08 336 eP 52 07.70 -1.6
0.5s 12.10nm 5.2mb
Z 15s 0.36um 4.9MszX
LR 24 38.00
ISA 82.20 54 eP 52 10.01 -0.5
1.3s 24.86nm 5.1mb
Z 19s 1.04um 5.2Msz
NB2 82.29 338 P 52 09.00 -1.5
0.9s 34.75nm 5.4mb
HHAI 82.46 45 (P) 52 14.90 3.1X
epP 52 23.24 26km
GDH 82.48 5 eP 52 15.00 3.8X
e 03 40.00
PTI 82.69 45 eP 52 15.10 2.0
epPc 52 23.70 27km
HVU 83.00 46 eP 52 15.85 1.1
epP 52 24.40 27km
TPNV 83.14 52 ePc 52 15.97 0.5
epP 52 24.12 26km
GAZ 83.33 309 eP 52 16.20 0.0
KIS 83.37 320 eP 52 15.00 -1.2
1.0s 220.00nm 6.3mb
Z 14s 0.90um 5.3MszX
e 52 23.50 27km
e 02 34.00
BNN 83.40 311 iP 52 18.80 2.0
GSC 83.56 53 eP 52 17.59 0.0
DUG 83.80 48 eP 52 18.96 0.1
1.0s 50.29nm 5.7mb
Z 20s 0.79um 5.1Msz
epP 52 28.59 30km
PEC 84.00 55 eP 52 19.62 -0.2
0.7s 17.96nm 5.4mb
epP 52 28.35 28km
PLM 84.49 55 (P) 52 23.05 0.6
ARUT 84.64 50 eP 52 22.88 -0.2
epP 52 32.60 31km
DAU 84.70 47 eP 52 24.19 0.7
epP 52 33.02 28km
CFR 84.82 319 eP 52 25.00 1.5
MSU 85.11 49 ePd 52 25.72 0.2
epP 52 35.63 31km
BSD 85.12 332 iPc 52 22.50 -2.4
0.8s 35.00nm 5.6mb
i 52 32.00 30km
AKU 85.20 351 iP 52 27.10 2.0
1.3s 61.54nm 5.7mb
VRI 85.24 320 ePd 52 27.50 1.8
COP 85.72 334 iPc 52 28.30 0.5
0.8s 32.84nm 5.6mb
ipP 52 36.00 24km
SRU 85.88 48 eP 52 28.95 -0.3
epP 52 38.36 30km
MLR 85.91 320 eP 52 30.00 0.8
UZH 85.96 324 eP 52 28.00 -1.2
1.0s 31.00nm 5.5mb
e 52 42.50 50kmX
BUC 86.46 319 ePd 52 30.00 -1.7
SPC 86.66 325 eP 52 32.40 -0.5
e 12 37.20
RSSD 87.01 41 eP 52 36.02 1.2
1.5s 55.20nm 5.6mb
PV09 87.12 48 eP 52 35.98 0.5
epP 52 45.16 29km
PV10 87.25 48 eP 52 36.47 0.4
epP 52 45.79 29km
OKC 87.27 327 Pd 52 35.00 -0.6
e 52 43.50 27km
PV08 87.39 47 eP 52 37.75 0.9
BRG 88.51 329 iP 52 41.80 0.3
1.4s 19.00nm 5.2mb
i 52 49.50 24km
eSKS 03 09.00
SRO 88.53 325 eP 52 41.60 -0.1
CLL 88.62 330 iPc 52 41.90 -0.1
1.7s 48.00nm 5.5mb
GOL 88.83 45 eP 52 44.99 1.3
1.8s 48.44nm 5.5mb
Z 20s 0.68um 5.0Msz
e 52 53.55 27km
PRU 88.86 329 eP 52 42.60 -0.6
1.4s 25.80nm 5.4mb
Z 14s 0.70um 5.2MszX
pP 52 50.60 25km
sP 52 54.30
ZST 88.88 326 eP 52 42.40 -0.9
GLD 88.90 45 eP 52 46.12 2.2
1.4s 37.82nm 5.5mb
Z 20s 0.75um 5.1Msz
e 52 54.19 25km
TUC 89.39 53 eP 52 48.02 1.8
1.0s 13.50nm 5.2mb
Z 19s 0.56um 5.0Msz
MOX 89.71 330 iPc 52 47.20 0.0
1.8s 29.00nm 5.2mb
ePP 56 14.30
eS 03 37.00
eSS 09 50.00
KHC 89.91 328 P 52 48.00 -0.3
1.0s 12.50nm 5.1mb
Z 12s 0.70um 5.3MszX
N 12s 0.50um
E 12s 0.30um
e 52 56.40 26km
e 53 19.00
GEC2 90.06 328 P 52 46.70 -2.3
0.8s 6.09nm 4.9mb
e 52 56.10 29km
e 53 08.70
e 06 48.20
WET 90.22 329 iPc 52 49.90 0.2
VAY 90.40 318 iP 52 50.00 -0.6
GRF 90.58 330 eP 52 51.50 0.2
1.1s 23.70nm 5.4mb
Z 35s 1.00um 5.0MszX
e(pP) 52 58.60 22km
e(PP) 56 29.50
SKO 90.64 319 eP 52 51.50 -0.2
i 53 05.50 47kmX
ALQ 90.90 49 eP 52 53.85 0.5
1.0s 17.02nm 5.3mb
Z 21s 0.77um 5.1Msz
epP 53 02.90 28km
PTJ 91.01 325 eP 52 47.60 -5.9X
BHG 91.24 328 iPc 52 54.90 0.5
EKA 91.42 340 Pc 52 54.94 -0.1
0.8s 8.90nm 5.2mb
KBA 91.48 327 iPc 52 55.10 -0.6
0.9s 8.40nm 5.1mb
LJU 91.63 326 (P) 52 56.00 -0.2
() 57 00.00
(ScS) 03 56.00
FUR 91.67 329 iPc 52 56.80 0.4
1.0s 60.00nm 5.9mb
i 53 04.50 24km
WTTA 92.16 328 iPc 52 58.50 -0.4
0.8s 7.20nm 5.2mb
WLF 92.76 332 iPc 53 01.42 0.1
1.7s 10.30nm 5.0mb
ic 53 09.40 25km
SLE 93.22 330 ePc 53 03.10 -0.4
CDF 93.26 331 eP 53 02.50 -1.3
0.9s 17.70nm 5.5mb
OSS 93.28 328 ePc 53 04.00 0.0
ZLA 93.48 330 ePc 53 04.50 -0.2
LLS 93.67 329 ePc 53 05.40 -0.4
VDL 93.74 329 ePc 53 06.10 -0.1
BSF 93.91 331 eP 53 05.10 -1.7
0.8s 9.25nm 5.3mb
HAU 93.97 331 eP 53 05.30 -1.7
0.8s 7.95nm 5.2mb
TMA 94.30 329 ePc 53 08.00 -0.7
MMK 94.75 329 ePc 53 10.90 0.0
DIX 94.98 329 ePc 53 11.80 -0.2
LOR 95.59 332 eP 53 12.90 -1.5
0.9s 7.85nm 5.1mb
Z 22s 0.52um 5.0Msz
LPL 95.72 329 eP 53 13.80 -1.5
0.7s 10.05nm 5.4mb
LPG 95.72 329 eP 53 13.90 -1.5
0.7s 11.45nm 5.4mb
LBF 95.77 332 eP 53 13.50 -1.8
0.7s 4.30nm 5.0mb
SSF 95.90 332 eP 53 14.50 -1.3
0.9s 12.30nm 5.3mb
WMOK 96.03 46 eP 53 16.50 -0.2
1.2s 12.94nm 5.2mb
Z 21s 0.76um 5.2Msz
epP 53 25.59 28km
LDF 96.08 335 eP 53 15.20 -1.4
0.7s 4.20nm 5.0mb
HYF 96.09 333 eP 53 15.80 -0.9
SMF 96.09 332 eP 53 15.30 -1.4
1.1s 17.60nm 5.4mb
LTX 96.11 52 eP 53 17.47 0.2

10d 21h

```
AVF     96.18 332 eP     53 15.80  -1.3
        1.1s    25.90nm          5.6mb
GRR     96.52 335 eP     53 17.00  -1.6
LPF     96.89 335 eP     53 19.20  -1.1
MAF     96.96 332 eP     53 19.60  -1.1
TCF     97.05 332 eP     53 19.80  -1.3
        1.3s    11.20nm          5.2mb
LSF     97.36 333 eP     53 21.00  -1.5
        1.8s     5.25nm          4.8mb
MFF     97.74 334 eP     53 23.00  -1.1
RJF     98.13 332 eP     53 24.90  -1.1
        0.5s     2.05nm          4.9mb
     Z  22s      0.50um          5.0Msz
CAF     98.21 332 eP     53 25.50  -0.9
LFF     98.75 332 eP     53 27.80  -0.9
        0.6s     3.95nm          5.1mb
FVM     98.77  38 P      53 40.00  11.1X
     Z  21s      0.66um          5.1Msz
MIAR    99.36  43 P      53 40.00   8.3X
     Z  20s      0.39um          4.9Msz
CBM    101.01  20 Pdiff  53 50.00  11.3X
     Z  19s      0.42um          5.0Msz
YSNY   101.10  28 Pdiff  53 50.00  10.7X
     Z  21s      0.57um          5.1Msz
LBNH   102.16  23 Pdiff  53 50.00   6.1X
     Z  20s      0.31um          4.8Msz
BINY   102.38  27 Pdiff  54 00.00  15.0X
     Z  20s      0.44um          5.0Msz
HRV    103.81  24 Pdiff  54 00.00   8.8X
     Z  21s      0.42um          5.0Msz
LSCT   103.91  26 Pdiff  54 00.00   8.3X
     Z  19s      0.35um          4.9Msz
MYNC   104.32  37 Pdiff  54 00.00   6.2X
     Z  20s      0.40um          5.0Msz
CEH    106.21  33 PKP    58 20.00   6.1X
     Z  21s      0.43um          5.0Msz
BCAO   115.69 291 ePKPd  58 41.00   8.4X
        0.2s     4.00nm
                  i      59 34.00
SPA    117.83 180 ePKP   58 33.00  -2.2X
        0.7s     1.17nm
LBTB   122.46 257 PKP    58 45.87   0.6
ARE    148.16  76 ePKP   59 34.00   1.1
LPAZ   150.94  72 iPKPc  59 37.80   0.3
LPB    151.09  73 PKP    59 36.10  -1.4
PEL    152.55 109 iPKP+  59 39.80   1.1
CCH    153.14  73 PKP    59 41.50   1.2
MOCB   155.16  80 PKP    59 43.60   0.5
ITR    160.85 357 (PKP)  59 50.00   0.5
BDFB   165.29  35 ePKP   59 54.75   0.9
                  eppKP  00 03.22
BAO    165.30  35 PKPd   59 54.90   1.1
     S.D. = 1.2  on 241 of 276 obs.
-------------------------------------
  JUN  10, 1994  21h 53m 59.09± 1.04s
  27.864 N ± 5.2km  140.670 E ± 7.3km
  DEPTH =  95.0 ±  9.9 km
  4.8mb ( 10 obs.)
 BONIN ISLANDS REGION            (212)

WKYJ     7.69 327 P      55 50.00  -0.2
CHJJ     8.28 351 P      55 52.70  -5.6X
                  eS     57 26.00
KAKJ     8.33 357 eP     55 58.90   0.0
                  eS     57 26.90
TKSJ     8.34 319 P      56 00.10   1.1
MAT      8.90 347 (P)    56 03.00  -3.7X
                  eS     57 44.00
MTMJ     9.03 345 eP     56 08.20  -0.3
NIIJ     9.45 352 P      56 08.30  -5.9X
YONJ     9.54 322 P      56 24.00   8.6X
GUMO    14.73 164 eP     57 23.70  -0.2
        1.0s   168.60nm          5.2mb
PJG     14.73 164 eP     57 23.50  -0.4
KUSJ    15.55  11 eP     57 39.50   5.5X
ASAJ    16.30   5 eP     57 43.30  -0.2
CVP     20.08 244 eP     58 28.40   1.1
BAG     21.79 243 eP     58 44.00  -0.7
BJI     23.59 307 eP     59 01.00  -0.9
        1.8s    29.00nm          4.4mb
     Z  11s      1.86um          4.8MszX
LZH     32.15 294 eP     00 20.00   0.2
        1.5s    53.00nm          5.1mb
LOE     37.28 262 eP     01 05.00   1.5
CHTO    39.20 266 eP     01 20.20   0.5
MTN     41.51 194 eP     01 38.00  -0.5
LEM     47.00 228 iPc    02 25.00   2.2
WB2     47.92 188 iPc    02 28.70  -1.0
        0.6s   142.60nm          6.0mb X
WRA     47.92 188 P      02 48.00  18.3X
        1.0s     4.70nm
ASPA    51.64 188 iPc    02 57.10  -1.1
        1.0s    21.70nm          5.1mb
                  iPcP   04 10.90
NDI     55.27 287 iPd    03 25.00   0.1
STKA    59.41 179 eP     03 52.50  -1.3
        0.7s    19.00nm          5.3mb
GBA     60.24 270 P      04 00.00   0.1
TOO     65.25 176 eP     04 32.50   0.0
        0.7s    16.00nm          5.1mb
GMW     74.12  44 eP     05 27.28   0.6
KAF     76.20 334 iP     05 36.00  -2.2
        0.6s     1.90nm          4.1mb
LBFM    77.31  50 (P)    05 45.50   0.4
NUR     77.77 333 eP     05 45.10  -1.8
ORV     78.37  51 (P)    05 50.44  -0.2
LRM     81.22  43 eP     06 06.80   0.7
HFS     82.18 336 eP     06 08.60  -1.8
        0.5s     1.50nm          4.1mb
NB2     82.40 338 P      06 10.30  -1.3
        1.7s    15.80nm          4.6mb
TPNV    83.24  52 eP     06 16.82   0.2
DUG     83.91  48 eP     06 20.26   0.4
        1.3s     8.44nm          4.5mb
SRU     85.98  48 eP     06 31.02   0.7
PV09    87.23  48 eP     06 36.74   0.2
PV10    87.36  48 eP     06 38.30   1.2
LPAZ   151.01  73 PKP    13 39.10   1.4
LPB    151.15  73 (PKP)  13 37.00  -0.6
MOCB   155.21  80 PKP    13 45.10   1.9
     S.D. = 1.1  on  37 of  43 obs.
-------------------------------------
% JUN  10, 1994  21h 57m 57.24± 0.86s
  40.702 N ± 7.6km   29.864 E ± 6.6km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
     ML 2.8 (ISK).

HRT      0.19 309 iPg    58 01.00  -0.5
EYL      0.26 121 iPg    58 02.90   0.1
                  eSg    58 05.90
IZI      0.47 219 iPg    58 06.40  -0.4
                  eSg    58 11.90
ISK      0.71 301 ePg    58 11.30   0.1
                  eSg    58 21.30
CTT      1.17 293 ePn    58 19.50   0.3
KCT      1.24 249 ePn    58 20.80   0.6
EDC      1.57 258 ePn    58 25.00  -0.1
     S.D. = 0.5  on   7 of   7 obs.
-------------------------------------
? JUN  10, 1994  22h 05m 26.30±11.21s
  32.905 S ±33.3km   72.575 W ±85.2km
  DEPTH =  33.0km  (normal)
 OFF COAST OF CENTRAL CHILE      (134)
     MD 4.3 (SAN).

LCCH     1.02 124 iP+    05 43.13  -1.1
                  iS     05 53.14
ROCH     1.32  93 iPd    05 47.90  -0.8
                  iS     06 01.67
LNV      1.43 137 iPd    05 50.19   0.1
                  iS     06 05.15
TACH     1.56 119 iP+    05 51.73  -0.4
                  iS     06 07.94
PEL      1.61  99 iP+    05 52.92   0.2
                  iS     06 09.99
JACH     1.68  83 iP+    05 54.18   0.2
                  iS     06 13.46
SAN      1.70 109 iP     05 54.39   0.3
                  iS     06 11.79
PCH      1.87 113 iPd    05 56.81   0.2
                  iS     06 17.21
CHCH     1.91 123 iP     05 57.40   0.3
                  iS     06 17.12
FCH      1.96 103 iP     05 58.61   0.4
                  iS     06 20.30
CACH     2.05 127 iPd    05 59.87   0.7
                  iS     06 22.47
     S.D. = 0.6  on  11 of  11 obs.
-------------------------------------
* JUN  10, 1994  23h 15m 36.23± 0.67s
  27.923 N ± 5.8km  141.096 E ±12.6km
  DEPTH =  33.0km  (normal)
  5.1mb ( 12 obs.)
 BONIN ISLANDS REGION            (212)

CHJJ     8.29 348 P      17 37.70   0.5
TSRJ     8.75 331 P      17 47.20   3.8X
MAT      8.93 345 (P)    17 47.00   1.0
NIIJ     9.46 350 P      17 53.40   0.2
BJI     23.85 307 eP     20 46.50  -0.8
        2.0s    32.00nm          4.5mb
TAPN    46.98 282 P      24 06.82   0.3
        0.5s     9.00nm          5.0mb
ODAN    47.37 282 P      24 09.74   0.2
        0.6s    28.00nm          5.4mb
WB2     48.03 189 eP     24 14.40   0.1
        0.8s    17.50nm          5.1mb
WRA     48.03 189 P      24 14.90   0.6
        0.8s     8.70nm          4.8mb
RAMN    48.03 282 P      24 15.50   0.8
        0.6s    28.00nm          5.5mb
JIRN    48.21 283 P      24 16.16  -0.1
        0.7s    25.00nm          5.4mb
GUN     48.42 284 P      24 18.08   0.2
PKI     48.91 283 P      24 20.94  -0.6
KKN     48.97 284 P      24 22.14   0.3
DANN    50.13 285 P      24 30.98   0.0
        0.7s    19.00nm          5.3mb
KOLN    50.41 284 P      24 32.80  -0.2
        1.2s    31.00nm          5.2mb
PYUN    50.85 285 P      24 35.90  -0.4
        0.6s    32.00nm          5.4mb
ASPA    51.76 188 eP     24 43.20   0.4
        1.4s     7.90nm          4.5mb
APO     81.91 337 eP     27 52.00  -1.5
        0.5s     1.10nm          4.1mb
NB2     82.49 338 P      27 55.60  -1.0
        0.6s     0.40nm          3.7mb X
LPAZ   150.63  73 PKP    35 30.40   8.3X
     S.D. = 0.7  on  19 of  21 obs.
-------------------------------------
* JUN  10, 1994  23h 33m 48.87± 0.70s
  27.867 N ± 8.9km  140.922 E ±12.0km
  DEPTH =  33.0km  (normal)
  4.8mb (  5 obs.)
 BONIN ISLANDS REGION            (212)

CHJJ     8.32 349 P      35 50.10   0.0
BJI     23.76 307 eP     38 58.00  -1.1
        1.4s    12.00nm          4.2mb
TAPN    46.84 282 P      42 19.30   1.3
ODAN    47.23 282 P      42 21.64   0.6
RAMN    47.89 282 P      42 26.60   0.3
WB2     47.95 188 iPd    42 25.80  -0.6
        0.6s    14.40nm          5.2mb
WRA     47.95 188 P      42 26.20  -0.2
        0.7s     8.10nm          4.9mb
JIRN    48.08 283 P      42 28.32   0.5
GUN     48.29 284 P      42 29.24  -0.2
        0.9s    32.00nm          5.4mb
PKI     48.77 283 P      42 33.90   0.7
KKN     48.83 284 P      42 33.72   0.3
GKN     49.33 284 P      42 36.50  -0.8
DANN    50.00 285 P      42 42.50  -0.1
KOLN    50.28 284 P      42 44.26  -0.3
PYUN    50.72 285 P      42 47.98   0.1
GBA     60.47 270 P      43 58.00  -0.1
LRM     81.07  43 eP     46 03.70   1.3
                  e      46 21.10
HFS     82.27 336 eP     46 06.40  -1.6
        0.4s     0.60nm          4.0mb
LPAZ   150.79  73 PKP    53 38.40   3.4X
LPB    150.93  73 ePKP   53 43.00   8.1X
     S.D. = 0.8  on  18 of  20 obs.
-------------------------------------
? JUN  10, 1994  23h 34m 02.92± 4.06s
  33.013 N ±40.4km   92.671 W ±15.4km
  DEPTH =   5.0km  (geophysicist)
 ARKANSAS                        (502)
     mbLg 3.2 (GS). Felt (III) at El
     Dorado. Felt throughout Union
     County.

MIAR     1.70 334 eP     34 33.05  -0.4
                  S      34 55.31
TUL      3.87 319 iPd    35 19.50  15.1X
GRT      4.20  39 (P)    35 08.65  -0.4
LST      4.26  34 (P)    35 11.69   1.9X
FVM      5.29  20 (P)    35 25.15   0.7
WMOK     5.37 290 eP     35 25.77   0.1
```

S.D. = 0.9 on 4 of 6 obs.

% JUN 10, 1994 23h 58m 19.75± 3.76s
42.283 N ±13.7km 20.180 E ±25.6km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.1 (TTG).

PVY 0.35 334 iPgd 58 26.85 -0.1
iSg 58 31.70
IVA 0.62 341 iPgd 58 32.01 -0.3
iSg 58 40.58
TTG 0.70 282 iPgc 58 32.45 -1.0
iSg 58 43.49
ULC 0.76 246 iPgc 58 34.52 -0.1
iSg 58 46.16
BDV 1.00 270 iPgd 58 39.20 0.4
iSg 58 53.73
NKY 1.02 302 iPgd 58 39.10 0.0
iSg 58 54.42
PLE 1.20 331 iPgd 58 42.54 0.4
iSg 58 59.69
HCY 1.26 278 iPgc 58 43.46 0.4
iSg 59 02.14
BRY 1.36 298 iPgc 58 45.19 0.4
iSg 59 04.96
S.D. = 0.6 on 9 of 9 obs.

JUN 11, 1994 01h 00m 39.34± 0.33s
52.891 N ± 6.2km 159.891 E ± 6.0km
DEPTH = 37.7km (9 depth phases)
4.6mb (26 obs.) 3.9Msz (1 obs.)
OFF EAST COAST OF KAMCHATKA (219)

PET 0.76 280 iPn 00 56.20 2.6
SMY 8.62 85 (P) 02 42.28 -2.1
MGD 8.80 329 ePn 02 44.00 -2.9
KUSJ 14.09 232 eP 03 52.30 -5.9X
ASAJ 14.38 239 eP 04 02.00 -0.1
HOOJ 15.31 233 eP 04 08.80 -5.4X
ILT 18.23 26 eP 04 57.80 7.2X
YAK 18.46 312 iPc 04 55.30 1.7
0.8s 57.00nm 4.8mb
NIIJ 21.39 231 P 05 23.10 -2.5
KAKJ 21.69 228 P 05 28.90 0.3
MAT 22.32 232 iPd 05 33.80 -1.2
0.7s 35.62nm 4.9mb
eS 09 40.00
CHJJ 22.36 229 P 05 35.10 -0.2
MTMJ 22.48 232 P 05 34.20 -2.4
IIDJ 23.33 230 P 05 45.10 0.3
TSRJ 24.20 234 P 05 53.90 0.7
TTA 24.98 49 eP 06 01.49 0.9
1.0s 4.82nm 4.0mb
e 06 10.98 34km
WKYJ 25.45 233 P 06 06.40 1.2
WKYJ 25.45 233 P 06 06.70 1.5
YONJ 25.74 237 P 06 07.70 -0.1
IMA 26.27 42 eP 06 14.60 1.9
0.8s 4.66nm 4.1mb
e 06 25.50 41km
TKSJ 26.40 235 P 06 15.00 1.1
TKSJ 26.40 235 P 06 15.30 1.4
KUMJ 29.17 237 P 06 38.90 -0.1
KAGJ 30.22 236 P 06 48.90 0.5
ZAK 34.45 289 eP 07 24.00 -1.1
NVS 43.13 305 iPd 08 35.20 -2.1
1.0s 30.00nm 5.0mb
YKA 43.40 42 P 08 53.00 13.7X
0.9s 2.00nm
BRVK 50.45 308 eP 09 32.00 -2.9
1.0s 6.00nm 4.6mb
Z 18s 0.10um 3.9Msz
TNP 56.78 69 eP 10 24.20 2.1
0.6s 4.07nm 4.6mb
TPNV 58.13 70 eP 10 30.67 -0.8
e 10 41.56 37km
RSSD 59.62 56 eP 10 41.77 -0.1
0.6s 5.03nm 4.8mb
e 10 53.19 39km
KAF 59.62 337 iP 10 39.70 -1.6
0.4s 1.90nm 4.6mb
SRU 59.79 64 eP 10 42.40 -0.6
e 10 52.97 35km
PV10 61.12 64 eP 10 52.78 0.6
e 11 03.17 34km
PV08 61.19 63 eP 10 52.23 -0.6
e 11 03.61 39km
NUR 61.42 337 iP 10 52.50 -1.1
0.3s 1.50nm 4.6mb
NB2 63.70 344 P 11 07.50 -1.3
0.9s 5.60nm 4.7mb
HFS 64.11 342 eP 11 09.90 -1.5
0.5s 4.70nm 4.8mb
LTX 70.83 67 eP 11 54.05 -0.1
EKA 71.24 350 Pc 11 55.20 -0.8
0.9s 5.30nm 4.6mb
CLL 72.50 339 iPd 12 03.60 0.0
1.1s 18.00nm 5.0mb
BRG 72.70 338 eP 12 04.50 -0.3
SPC 72.70 334 eP 12 04.80 -0.2
PRU 73.39 337 iPd 12 09.40 0.6
MOX 73.42 340 eP 12 09.10 0.1
1.3s 11.00nm 4.7mb
GRF 74.41 339 eP 12 15.60 0.9
1.0s 9.90nm 4.7mb
Z 28s 0.10um 3.9MszX
e(pP) 12 31.30 56kmX
KHC 74.42 338 P 12 15.50 0.7
1.0s 8.90nm 4.7mb
e 12 27.00 38km
e 12 39.00
ZST 74.43 335 eP 12 15.20 0.3
SRO 74.47 334 eP 12 15.10 0.0
GEC2 74.65 338 P 12 15.50 -0.8
0.6s 2.07nm 4.3mb
e 12 28.00 42km
GBA 74.73 272 P 12 14.00 -3.1X
WRA 75.84 205 P 12 21.79 -1.4
0.8s 1.10nm 3.9mb
e 12 28.89 23kmX
WRA 75.84 205 P 12 28.90 5.7X
0.8s 1.10nm 3.9mb
KBA 76.40 337 iPc 12 27.30 1.0
0.8s 24.60nm 5.3mb
CDF 76.42 342 eP 12 26.40 0.1
0.9s 4.10nm 4.4mb
WTTA 76.61 338 iPc 12 27.60 0.1
PTJ 76.86 335 eP 12 28.40 -0.4
HAU 76.99 342 eP 12 29.70 0.3
BSF 77.07 342 eP 12 29.80 -0.2
LOR 78.14 344 eP 12 35.90 0.1
SSF 78.40 344 eP 12 37.60 0.4
AVF 78.69 344 eP 12 39.20 0.5
0.8s 2.30nm 4.2mb
LPL 79.31 341 eP 12 43.60 1.2
0.8s 3.65nm 4.4mb
LPG 79.32 341 eP 12 44.00 1.4
1.2s 10.70nm 4.7mb
TCF 79.37 344 eP 12 43.00 0.5
MAF 79.38 344 eP 12 43.30 0.8
0.7s 2.75nm 4.3mb
MFF 79.43 346 eP 12 43.60 0.9
LSF 79.52 345 eP 12 43.70 0.4
ASPA 79.52 204 P 12 43.79 0.3
e 12 59.59 56kmX
LFF 80.92 345 eP 12 52.80 2.1
S.D. = 1.2 on 64 of 70 obs.

& JUN 11, 1994 01h 48m 55.55s
38.884 N 119.767 W
DEPTH = 1.7km
CALIFORNIA-NEVADA BORDER REGION (40)
<GM-P>. MD 2.9 (GM).

ASMM 0.72 265 P 49 08.63 -1.3
AODM 0.80 251 P 49 09.80 -1.7
AFDM 0.94 274 P 49 12.64 -1.7
ARJM 0.95 258 P 49 12.64 -1.8
ADWM 0.96 243 P 49 12.85 -1.7
CMB 0.98 210 eP 49 12.90 -2.0
ALAM 0.98 252 P 49 13.21 -1.8
APRM 1.13 270 P 49 15.88 -1.6
AASM 1.14 247 P 49 16.42 -1.3
ABJM 1.14 285 P 49 16.29 -1.5
AVRM 1.18 277 P 49 16.62 -1.7
AFRM 1.24 266 P 49 18.34 -1.0
AOHM 1.26 293 P 49 17.85 -1.8
KVN 1.31 82 eP 49 18.21 -2.5
eS 49 35.14
ABRM 1.36 281 P 49 20.00 -1.5
MEMM 1.38 152 eP 49 20.58 -1.2
MMPM 1.40 155 eP 49 20.60 -1.7
OHCM 1.41 289 P 49 20.38 -1.9
OWYM 1.45 294 P 49 21.31 -1.6
BONR 1.48 128 eP 49 21.04 -2.5
ORV 1.50 297 eP 49 21.53 -2.1
OBHM 1.52 301 P 49 22.79 -1.2
MGL 1.67 304 P 49 25.34 -0.7
OSUM 1.67 284 P 49 25.30 -0.6
MTUM 1.80 148 eP 49 25.21 -2.8
GARM 1.94 273 P 49 30.39 0.5
LRDM 2.05 321 P 49 33.56 2.0
ARN 2.07 223 eP 49 32.00 0.2
TNP 2.15 111 eP 49 31.70 -1.5
NTYM 2.32 259 (P) 49 36.52 1.1
TPNV 3.39 124 eP 49 50.01 -0.7
31 obs. associated

& JUN 11, 1994 01h 56m 11.11s
59.908 N 152.850 W
DEPTH = 107.7km
SOUTHERN ALASKA (2)
<AEIC>.

INE 0.19 325 eP 56 25.98 0.9
eS 56 37.90
OPT 0.32 217 eP 56 26.26 -0.7
eS 56 37.45
RED 0.51 4 eP 56 27.49 -0.7
eS 56 39.96
RSO 0.56 5 eP 56 27.94 -0.7
RS2 0.56 5 eP 56 28.01 -0.6
REF 0.59 7 eP 56 28.15 -0.7
eS 56 41.12
AUL 0.61 210 eP 56 28.04 -0.7
AUE 0.61 206 eP 56 27.89 -0.8
AUP 0.62 208 eP 56 27.82 -1.1
AGU 0.62 208 eP 56 28.25 -0.8
AUH 0.62 209 eP 56 28.21 -0.7
AUI 0.65 207 eP 56 28.25 -0.8
HOM 0.66 112 eP 56 28.77 -0.4
PDB 0.69 260 eP 56 28.46 -0.9
eS 56 42.08
DFR 0.69 7 eP 56 28.75 -0.8
eS 56 42.39
RDT 0.70 18 eP 56 28.77 -0.8
eS 56 42.18
XLV 0.73 128 eP 56 28.96 -0.8
eS 56 43.42
NNL 0.79 80 eP 56 30.69 0.4
CNPM 0.90 114 iP 56 30.74 -0.7
eS 56 45.98
BRLK 1.00 97 eP 56 30.36 -2.1
eS 56 47.40
CDD 1.06 203 eP 56 31.82 -1.3
NKA 1.16 43 eP 56 35.27 1.2
BKG 1.20 14 iP 56 33.96 -0.8
CKL 1.32 11 eP 56 35.71 -0.4
SYI 1.32 170 eP 56 35.78 -0.2
CKT 1.34 13 eP 56 35.38 -0.9
SPU 1.34 17 iP 56 35.32 -0.9
eS 56 54.39
CKN 1.36 14 eP 56 35.84 -0.7
BGL 1.38 9 eP 56 36.16 -0.7
CP2 1.39 12 eP 56 36.08 -1.0
CRP 1.41 14 eP 56 36.58 -0.6
eS 56 56.29
SLKM 1.44 64 eP 56 36.29 -1.2
CGLM 1.46 16 P 56 36.60 -1.2
SEW 1.72 82 eP 56 39.70 -1.1
SVW 1.82 312 eP 56 40.20 -2.1
PMS 2.11 49 P 56 44.80 -1.1
KDC 2.17 175 eP 56 43.84 -2.9
PWA 2.28 39 P 56 46.90 -1.2
PLRM 2.49 46 eP 56 49.44 -1.4
PMR 2.49 46 eP 56 48.17 -2.7
LTI 2.52 85 eP 56 49.79 -1.5
MTU 2.62 86 eP 56 51.26 -1.4
KNK 2.64 53 eP 56 50.69 -2.2
GHO 2.68 44 eP 56 51.36 -2.2
CUT 2.80 25 eP 56 53.57 -1.5
SML 2.92 47 eP 56 54.24 -2.5
HIN 3.21 78 eP 56 58.68 -2.0
FID 3.28 72 eP 56 59.12 -2.4
SCM 3.32 52 eP 56 59.54 -2.7
VZW 3.32 67 eP 57 00.69 -1.5
MID 3.34 95 P 57 00.80 -1.5
TTA 3.39 335 eP 56 59.27 -3.9
HUR 3.45 25 eP 57 02.77 -1.1
VLZ 3.45 66 eP 57 02.87 -0.9

11d 01h

CVA 3.60 77 eP 57 04.44 -1.4
KLU 3.76 62 eP 57 05.50 -2.7
RND 3.99 27 eP 57 09.55 -1.8
DHY 4.12 37 eP 57 11.18 -2.0
MCK 4.26 24 eP 57 13.34 -1.7
BWN 4.57 19 eP 57 17.40 -1.7
PAX 4.69 46 eP 57 18.98 -1.9
GLB 4.70 67 eP 57 19.51 -1.6
NEA 5.01 19 eP 57 22.58 -2.6
WRH 5.09 24 eP 57 23.54 -2.8
MLY 5.23 10 eP 57 25.86 -2.5
HDA 5.29 29 eP 57 26.52 -2.6
CCB 5.31 24 eP 57 26.23 -3.1
BALM 5.32 73 eP 57 27.78 -1.8
MDM 5.50 21 eP 57 29.32 -2.7
FBA 5.53 23 eP 57 28.79 -3.6
IL1 5.61 27 eP 57 30.25 -3.3
ILB 5.61 27 eP 57 30.60 -3.0
GLM 5.69 24 eP 57 31.82 -2.8
CHX 5.89 83 eP 57 35.47 -2.0
IM3 6.11 357 eP 57 38.16 -2.2
BCA3 6.17 54 eP 57 38.50 -2.8
IMA 6.20 357 eP 57 38.71 -3.0
BM3 8.37 22 eP 58 07.46 -3.8
78 obs. associated

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* JUN 11, 1994 03h 38m 34.78± 1.25s
16.988 N ±15.6km 101.500 W ± 7.2km
DEPTH = 25.1km (4 depth phases)
3.9mb (1 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

ACX 1.58 94 iP 39 01.20 -0.2
iS 39 28.30
III 2.38 54 iP 39 13.80 0.7
iS 39 51.50
MRX 2.72 6 iP 39 18.20 0.5
iS 39 58.00
CRX 2.96 35 (P) 39 28.00 6.5X
UNM 3.21 43 (P) 39 34.30 9.3X
CGX 3.28 326 (P) 39 34.00 8.1X
PPM 3.43 52 iP 39 28.20 -0.1
(S) 40 19.00
IISM 4.40 63 (P) 39 48.80 7.2X
OXX 4.57 88 (P) 39 52.70 8.4X
LTX 12.45 351 eP 41 43.76 10.4X
ALQ 18.42 347 eP 42 49.75 -0.6
0.8s 1.87nm 3.3mb X
TUL 19.52 14 iPd 43 07.00 3.7X
PV10 22.31 344 eP 43 30.45 -1.8
PV08 22.40 345 eP 43 33.53 0.3
e 43 40.83 26km
GSC 22.78 326 (P) 43 36.84 0.1
ARUT 23.23 335 eP 43 42.39 1.2
e 43 49.15 24km
MSU 23.40 339 eP 43 42.84 0.0
e 43 49.97 26km
TPNV 23.78 330 eP 43 46.80 0.4
EMUT 24.14 342 eP 43 49.95 -0.2
BCH 24.56 321 (P) 43 54.77 0.7
DUG 25.12 339 eP 43 58.84 -0.6
0.9s 2.69nm 3.9mb
BONR 25.58 328 eP 44 04.25 0.4
LRM 30.17 345 eP 44 44.70 -0.7
e 44 51.80 24km
S.D. = 0.8 on 16 of 23 obs.

JUN 11, 1994 04h 09m 06.17± 0.70s
40.865 N ± 6.2km 15.289 E ± 9.1km
DEPTH = 10.0km (geophysicist)
SOUTHERN ITALY (390)
MD 3.3 (ROM).

SGO 0.31 177 P 09 11.71 -0.8
MGR 0.75 164 P 09 19.03 -1.9
DUI 1.01 322 P 09 26.64 1.3
RFI 1.08 294 P 09 26.95 0.5
ORI 1.19 132 P 09 30.19 1.8
TDS 1.45 146 P 09 33.83 1.4
BRT 1.45 89 P 09 32.93 0.5
HVAR 2.47 20 iPn 09 46.80 -0.2
iSn 10 17.90
VBY 4.64 360 ePn 10 18.90 1.0
i 11 11.50
SKO 4.76 75 ePn 10 19.00 -0.6
PTJ 5.06 5 ePn 10 22.50 -1.4
iSn 11 18.90
LJU 5.21 354 eP 10 48.00 22.1X
eSn 11 23.50
VOY 5.26 349 ePn 10 28.00 1.2
iSn 11 25.00
GEC2 8.06 353 Pn 11 02.60 -3.5X
KHC 8.35 352 ePn 11 07.50 -2.7
e 11 17.00
e 11 38.50
eSg 12 39.00
S.D. = 1.5 on 13 of 15 obs.

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* JUN 11, 1994 04h 15m 23.69± 0.91s
13.025 N ±10.1km 143.091 E ±16.4km
DEPTH = 208.8 ± 9.5 km
4.4mb (5 obs.)
SOUTH OF MARIANA ISLANDS (210)

PJG 1.82 72 iPc 16 01.50 0.1
GUMO 1.82 72 eP 16 01.40 0.0
eS 16 28.00
GUA 1.85 74 iPc 16 01.60 -0.1
eS 16 28.20
WB2 33.87 195 iPc 21 48.10 -0.5
0.5s 13.20nm 4.8mb X
ASPA 37.56 194 iPd 22 19.50 -0.1
0.3s 8.60nm 4.8mb X
DZM 41.73 146 iPd 22 54.30 0.3
WARB 42.13 202 eP 22 58.40 1.3
0.2s 4.00nm 4.6mb
ARMA 43.97 169 iPc 23 11.20 -0.8
0.8s 6.00nm 4.1mb
STKA 44.67 182 iPd 23 16.30 -1.1
0.7s 9.80nm 4.4mb
TOO 50.38 178 iPc 24 02.50 0.9
0.4s 26.00nm 5.1mb X
iScP 31 13.20
PYUN 57.72 295 P 24 55.18 -0.2
0.9s 44.00nm 5.2mb
YKA 84.15 27 P 27 31.80 -0.4
0.5s 1.30nm 3.9mb
TPNV 90.60 52 eP 28 04.27 0.4
S.D. = 0.7 on 13 of 13 obs.

JUN 11, 1994 04h 40m 29.49± 0.70s
47.756 N ± 8.0km 15.204 E ± 6.4km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 3.2 (GRF), 2.6 (VIE). Felt
(III) at Wildalpen.

VKA 0.91 55 iPgc 40 46.30 -0.5
i(Sg) 41 01.30
ZST 1.35 70 e(Pn) 40 54.20 -0.1
i(Sn) 41 14.00
KBA 1.43 242 iPgc 40 54.90 -0.8
iSg 41 14.80
KHC 1.75 322 ePg 41 00.00 -0.1
e 41 02.30
e 41 19.50
eSg 41 23.00
PTJ 1.93 164 ePn 41 03.00 0.3
iSn 41 29.00
WET 2.08 313 ePn 41 03.20 -1.7
PRU 2.28 349 ePn 41 09.50 1.8
iPg 41 11.00
Sg 41 38.70
WTTA 2.47 260 iPgc 41 11.60 1.0
iSg 41 43.60
WATA 2.49 262 iPgc 41 13.90 3.0X
iSg 41 45.30
SQTA 2.76 260 iPnd 41 14.80 0.1
iSg 41 52.90
BRG 3.23 346 ePg 41 29.20 8.0X
eSg 42 12.30
GRF 3.27 308 ePg 41 30.50 8.7X
e(Sn) 42 11.40
eSg 42 11.90
S.D. = 1.2 on 9 of 12 obs.

JUN 11, 1994 05h 12m 17.10± 0.46s
49.178 N ± 3.6km 6.968 E ± 5.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (STR), 2.2 (UCC).

RUP 0.53 7 eP 12 27.50 -0.3
LANF 0.58 109 Pg 12 28.27 -0.7
HOFF 0.70 110 Pg 12 31.68 0.8
WLF 0.72 313 iPd 12 30.37 -0.9
iS 12 39.83
KTD 0.74 79 eP 12 31.90 0.2
CDF 0.79 165 Pg 12 31.68 -0.9
Sg 12 42.42
ABH 0.80 28 eP 12 32.40 -0.2
ECH 0.97 172 Pg 12 35.08 -0.5
Sg 12 49.21
MOF 1.33 175 Pg 12 41.98 0.2
BSF 1.35 185 Pg 12 42.19 0.1
FEL 1.48 152 eP 12 45.30 1.5
MEM 1.56 337 iPd 12 45.69 0.8
iS 13 04.55
ENN 1.73 337 ePg 12 48.00 0.7
0.6s 20.30nm
eSg 13 12.00
GEC2 4.44 92 Pn 13 25.40 -0.7
0.5s 1.13nm
S.D. = 0.8 on 14 of 14 obs.

? JUN 11, 1994 07h 04m 25.29± 2.32s
51.373 N ±21.9km 15.867 E ±11.5km
DEPTH = 10.0km (geophysicist)
POLAND (548)

BRG 1.31 248 iPg 04 50.80 1.3
iSg 05 10.90
PRU 1.62 212 ePn 04 53.30 -0.7
0.4s 13.70nm
Pg 04 55.80
i 05 00.00
eSn 05 12.60
eSg 05 19.20
CLL 1.80 269 iPn 04 55.80 -0.7
eSg 05 24.00
OKC 2.11 136 Pg 05 01.50 0.4
(Sg) 05 28.00
KHC 2.68 214 Pn 05 09.90 0.6
Pg 05 15.40
e 05 30.40
eSn 05 44.40
Sg 05 53.30
MOX 2.78 256 ePg 05 18.40 7.7X
iSg 05 58.60
GEC2 2.89 210 Pn 05 11.50 -0.8
0.4s 1.17nm
Pg 05 18.60
S.D. = 1.1 on 6 of 7 obs.

% JUN 11, 1994 07h 29m 15.64± 0.70s
40.217 N ± 5.9km 23.519 E ± 6.1km
DEPTH = 5.0km (geophysicist)
GREECE (364)

PAIG 0.31 157 ePg 29 21.90 -0.1
eSg 29 26.42
OUR 0.37 72 iPg 29 23.30 0.2
eSg 29 28.06
SOH 0.62 348 iPg 29 27.70 -0.3
eSg 29 35.30
LIT 0.80 262 ePg 29 31.50 -0.1
iSg 29 42.14
KNT 1.06 334 ePg 29 35.74 -0.3
eSg 29 48.98
GRG 1.13 311 ePg 29 37.82 0.6
eSg 29 53.14
S.D. = 0.4 on 6 of 6 obs.

% JUN 11, 1994 08h 19m 24.19± 3.63s
39.596 N ±27.9km 29.504 E ±19.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

DST 0.68 271 ePg 19 37.30 -0.4
eSg 19 48.80
IZI 0.74 358 ePg 19 38.80 0.0
EYL 1.09 27 ePn 19 45.00 0.2
HRT 1.23 6 ePn 19 46.60 -0.5
BNT 1.43 302 ePn 19 50.50 0.3
EDC 1.47 301 iPn 19 51.00 0.3
S.D. = 0.4 on 6 of 6 obs.

JUN 11, 1994 08h 45m 52.44± 0.21s
15.509 S ± 6.0km 173.928 W ± 5.6km
DEPTH = 128.8km (3 depth phases)

4.9mb (27 obs.)
TONGA ISLANDS (173)

BKM 17.22 260 iPc 49 52.50 5.9X
DZM 19.69 248 iPc 50 13.90 -0.1
NOUC 19.82 248 iPc 50 15.20 -0.1
KUZ 23.07 202 P 50 50.00 2.7
KHZ 28.90 199 eP 51 42.00 0.9
LTZ 29.65 201 eP 51 45.20 -2.6
WHZ 33.89 203 eP 52 26.30 1.5
ARMA 34.85 239 iPd 52 33.00 -0.3
0.4s 16.00nm 5.2mb
CTA 38.12 257 iP 53 01.00 0.2
CNB 38.28 232 iPd 53 02.00 0.0
1.0s 40.00nm 5.2mb
CAN 38.56 232 eP 53 04.30 0.0
BWA 38.70 234 eP 53 03.30 -2.1
TOO 42.00 231 iPc 53 32.90 0.3
0.8s 64.00nm 5.4mb
STKA 43.54 240 iPc 53 45.10 0.0
0.6s 30.30nm 5.2mb
WB2 49.31 257 iPc 54 29.90 -0.7
0.5s 89.00nm 5.8mb
WRA 49.32 257 P 54 30.10 -0.5
0.6s 22.70nm 5.2mb
ASPA 49.60 252 P 54 32.70 0.0
MTN 53.22 265 iPd 54 59.90 0.0
WARB 56.14 249 eP 55 20.50 -0.6
0.7s 64.00nm 5.7mb
WOOL 60.38 243 iPd 55 49.70 -0.7
COOL 60.86 243 eP 55 52.00 -1.8
MBL 62.75 254 eP 56 05.50 -0.9
KLB 63.73 242 eP 56 12.00 -0.8
NWAO 64.12 241 eP 56 15.00 -0.3
BAL 64.69 243 eP 56 18.50 -0.5
MUN 65.03 242 eP 56 21.00 -0.2
MRWA 65.40 245 eP 56 23.50 -0.1
NANU 66.53 252 eP 56 31.00 0.1
ADK 67.15 358 eP 56 32.64 -1.4
0.9s 10.42nm 4.7mb
KAKJ 67.27 321 P 56 35.30 0.1
CHJJ 67.89 320 P 56 39.10 0.0
IIDJ 68.20 319 P 56 40.90 -0.2
OFUJ 68.33 324 eP 56 41.60 -0.1
YAMJ 68.66 322 eP 56 44.50 0.7
NIIJ 68.66 321 P 56 44.20 0.4
MAT 68.69 320 iPc 56 43.30 -0.8
WKYJ 68.92 317 P 56 45.90 0.3
MTMJ 68.97 320 P 56 46.00 0.1
TSRJ 69.47 318 P 56 49.00 0.2
KUSJ 69.57 329 eP 56 48.80 -0.4
HOOJ 69.77 328 eP 56 51.20 0.7
TKSJ 69.81 316 P 56 51.50 0.6
KAGJ 70.44 312 P 56 55.30 0.5
YONJ 70.91 316 P 56 58.00 0.4
MRRJ 70.97 326 eP 56 58.00 0.3
KUMJ 71.22 313 P 56 59.40 0.0
ASAJ 71.34 328 eP 57 01.30 1.3
SDN 71.48 8 eP 56 58.97 -1.6
0.9s 45.88nm 5.3mb
BCH 71.73 44 eP 57 02.81 0.2
e 57 40.66 155kmX
KKM 72.40 282 ePd 57 08.00 1.1
PLM 72.95 47 eP 57 09.52 -0.4
CMB 73.18 42 eP 57 11.05 0.1
0.7s 9.80nm 4.7mb
e 57 48.93 155kmX
ORV 73.39 40 eP 57 11.62 -0.5
YSS 73.39 331 iP 57 24.00 12.1X
0.9s 70.00nm
GSC 74.03 46 eP 57 15.48 -0.5
KVN 75.23 42 eP 57 23.05 0.1
TNP 75.26 43 eP 57 23.02 -0.2
0.9s 14.79nm 4.8mb
TPNV 75.29 44 eP 57 23.17 -0.2
BMW 76.71 33 eP 57 30.88 0.0
epP 58 07.34 147kmX
TUC 76.85 51 eP 57 33.26 1.2
0.7s 3.67nm 4.3mb
e 58 06.10 131km
GMW 77.63 33 eP 57 35.88 0.0
ARUT 77.64 45 eP 57 36.52 0.1
e 58 15.52 158kmX
RMW 78.08 33 eP 57 38.36 -0.1
SLKM 78.12 12 (P) 57 37.48 -0.9
e 58 16.38 157kmX
CP2 78.45 11 eP 57 39.31 -1.1

MSU 78.86 45 eP 57 43.80 0.6
DUG 79.29 43 eP 57 45.08 -0.2
0.9s 4.14nm 4.2mb
e 58 17.86 130km
PMR 79.33 12 eP 57 43.84 -1.0
1.2s 21.60nm 4.8mb
TTA 79.43 8 eP 57 45.88 0.4
1.0s 13.25nm 4.7mb
KLU 79.91 13 eP 57 47.58 -0.5
e 58 14.28 103kmX
HVU 80.12 42 eP 57 49.26 -0.5
SRU 80.28 45 eP 57 50.90 0.2
e 58 22.96 126km
BALM 80.35 15 eP 57 50.11 -0.4
DAU 80.42 43 eP 57 51.48 -0.1
PV09 80.94 46 eP 57 54.29 0.0
PV10 80.95 46 eP 57 53.93 -0.4
NEW 81.09 34 eP 57 53.17 -1.3
0.7s 2.25nm 4.0mb
LTX 81.10 56 eP 57 54.81 -0.2
ALQ 81.26 50 eP 57 56.47 0.6
0.6s 3.36nm 4.3mb
PV08 81.32 46 eP 57 56.34 0.0
LRM 82.42 38 eP 58 01.30 -0.4
FBA 82.60 11 eP 58 01.51 -0.4
0.6s 5.71nm 4.6mb
ILT 83.25 358 iPc 58 05.60 0.5
1.6s 36.00nm 5.0mb
GOL 84.10 46 eP 58 10.66 0.2
0.8s 5.47nm 4.5mb
GLD 84.22 46 eP 58 11.35 0.4
1.4s 12.21nm 4.6mb
BJI 85.18 314 eP 58 17.00 1.6
1.5s 28.00nm 4.9mb
RSSD 86.88 43 eP 58 23.46 -0.6
0.9s 4.81nm 4.5mb
e 59 00.59 146kmX
YAK 88.99 337 iPc 58 32.30 -1.1
1.2s 31.00nm 5.3mb
NST 90.32 286 eP 58 43.30 2.8X
YKA 90.40 24 P 58 39.20 -0.7
1.0s 7.10nm 4.7mb
CIT 91.68 324 eP 58 48.00 1.9
BDT 91.79 287 eP 58 49.00 1.8
1.0s 48.30nm 5.7mb
ZAK 97.28 320 eP 59 12.30 0.7
1.2s 10.00nm 5.2mb
NB2 134.38 357 PKP 04 55.20 -1.2
1.0s 2.20nm
HFS 135.10 355 ePKP 04 56.70 -1.0
0.5s 1.50nm
WTS 143.60 359 ePKP 05 12.00 -1.3
1.0s 12.80nm
CLL 143.86 353 iPKPd 05 11.80 -2.0
0.9s 18.00nm
BRG 144.16 351 iPKP 05 12.90 -1.5
0.9s 10.00nm
e 05 18.60
UZH 144.38 341 iPKPc 05 13.00 -1.8
1.0s 93.00nm
OKC 144.38 347 PKPc 05 13.30 -1.5
SPC 144.47 344 iPKP 05 15.00 -0.2
MOX 144.67 354 ePKP 05 14.70 -0.6
1.5s 28.00nm
Z 19s 0.30um 5.1Msz
ENN 144.83 0 ePKP 05 15.00 -0.5
0.8s 16.10nm
PRU 144.93 350 iPKPc 05 15.30 -0.4
0.9s 36.70nm
e 05 25.90
MEM 144.99 0 iPKPc 05 15.45 -0.3
CFR 145.05 332 ePKP 05 16.00 0.0
SNF 145.06 2 PKPc 05 15.70 -0.2
VRI 145.12 334 ePKPc 05 16.50 0.3
GRF 145.65 354 iPKPc 05 18.20 1.2
Z 17s 0.20um 5.0MszX
KHC 145.91 351 PKP 05 18.50 1.0
1.1s 33.50nm
Z 14s 0.30um 5.2MszX
e 05 28.50
e 06 04.50
WLF 145.94 360 iPKPc 05 18.94 1.6
WET 146.00 352 iPKPc 05 19.00 1.4
ZST 146.16 347 ePKP 05 18.10 0.3
i 05 20.10
GEC2 146.17 351 PKP 05 17.60 -0.4
1.0s 12.57nm

SRO 146.23 345 ePKP 05 18.10 0.2
FLN 146.40 8 iPKPc 05 19.70 1.5
0.8s 36.25nm
LANF 146.59 358 PKP 05 20.64 2.1
LDF 146.62 7 iPKPc 05 20.20 1.6
0.8s 25.25nm
GRR 146.72 8 iPKPc 05 21.20 2.5
0.9s 46.50nm
LPF 147.04 9 iPKPc 05 21.80 2.6
0.8s 58.55nm
FUR 147.15 354 iPKPc 05 22.50 3.0X
i 05 24.00
WLS 147.17 358 PKP 05 22.36 2.8X
CDF 147.17 359 iPKPc 05 22.40 2.8X
0.9s 32.25nm
ECH 147.37 359 PKP 05 22.61 2.8X
HAU 147.60 360 iPKPc 05 23.60 3.4X
0.8s 37.05nm
FEL 147.69 358 PKP 05 23.59 3.1X
BSF 147.76 359 iPKPc 05 23.80 3.2X
0.6s 7.60nm
KBA 147.95 351 iPKPc 05 23.70 2.7
0.4s 10.10nm
MOTA 147.98 354 iPKPc 05 24.30 3.3X
WTTA 148.00 353 iPKPc 05 24.60 3.5X
0.5s 26.60nm
SQTA 148.09 353 iPKPc 05 24.70 3.6X
HYF 148.21 4 iPKPc 05 25.40 4.2X
LOMF 148.25 359 PKP 05 25.32 4.0X
LOR 148.28 3 iPKPc 05 25.40 4.1X
0.9s 33.25nm
SSF 148.47 3 iPKPc 05 26.10 4.5X
1.0s 62.80nm
MFF 148.57 8 iPKPc 05 25.80 4.1X
1.2s 44.05nm
LBF 148.57 3 iPKPc 05 26.20 4.4X
0.8s 36.65nm
AVF 148.73 4 iPKPc 05 26.30 4.3X
0.9s 28.65nm
OSS 148.73 355 ePKPc 05 26.80 4.5X
SMF 148.90 3 iPKPc 05 26.90 4.6X
0.9s 23.25nm
BGF 148.93 4 iPKPc 05 27.10 4.8X
0.8s 34.40nm
VDL 148.99 355 ePKPc 05 27.60 4.9X
VBY 149.11 347 ePKP 05 26.50 3.9X
i 05 27.40
LSF 149.12 6 iPKPc 05 27.20 4.6X
0.8s 27.95nm
TCF 149.14 5 iPKPc 05 27.40 4.7X
0.8s 13.85nm
MAF 149.24 5 iPKPc 05 28.00 5.2X
1.0s 47.60nm
TMA 149.41 356 ePKPc 05 28.20 4.9X
DIX 149.50 358 ePKPc 05 29.40 5.8X
MMK 149.51 357 ePKPc 05 29.30 5.8X
EMS 149.52 359 ePKPc 05 29.20 5.7X
RJF 150.05 6 iPKPc 05 29.80 5.7X
1.2s 39.55nm
LPL 150.08 359 iPKPc 05 31.00 6.6X
0.8s 23.65nm
LPG 150.10 359 iPKPc 05 31.20 6.7X
0.9s 32.90nm
LSD 150.13 358 PKP 05 30.82 6.3X
LFF 150.32 8 iPKPc 05 30.50 6.1X
0.8s 35.45nm
RSP 150.43 358 PKP 05 30.91 6.1X
CAF 150.48 6 iPKPc 05 31.00 6.2X
0.6s 9.30nm
SKO 150.49 336 iPKPc 05 30.80 6.0X
0.9s 50.00nm
VAY 150.58 334 iPKP 05 30.40 5.5X
LPO 150.63 7 iPKPc 05 31.10 6.2X
0.7s 18.10nm
RRL 150.68 359 PKP 05 31.82 6.5X
PCP 150.99 356 PKP 05 30.54 5.0X
HVAR 151.03 344 iPKP 05 31.20 5.6X
PZZ 151.09 358 PKP 05 31.59 5.8X
ROB 151.27 357 PKP 05 31.87 5.9X
FIN 151.34 357 PKP 05 31.64 5.6X
ENR 151.35 358 PKP 05 31.41 5.2X
EPF 152.14 9 ePKP 05 34.50 7.2X
0.8s 7.10nm
S.D. = 1.0 on 118 of 168 obs.

? JUN 11, 1994 08h 49m 22.88± 1.03s
38.967 N ±12.1km 27.741 E ±18.8km

11d 08h

DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.68 214 ePg 49 36.40 0.0
eSg 49 47.10
DST 0.94 47 ePn 49 40.80 0.0
EDC 1.38 4 ePn 49 48.00 -0.2
BNT 1.39 6 ePn 49 48.50 0.1
S.D. = 0.2 on 4 of 4 obs.

? JUN 11, 1994 08h 52m 46.51± 1.12s
39.144 N ± 8.7km 27.459 E ±17.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.76 192 ePg 53 01.40 0.0
eSg 53 12.10
DST 1.02 63 iPn 53 05.80 0.0
EDC 1.24 14 ePn 53 10.00 0.4
BNT 1.26 16 ePn 53 09.50 -0.5
S.D. = 0.6 on 4 of 4 obs.

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* JUN 11, 1994 09h 00m 13.24± 1.32s
38.316 N ± 9.0km 20.471 E ±12.6km
DEPTH = 5.0km (geophysicist)
GREECE (364)
MD 3.1 (ATH).

VLS 0.17 146 iPgc 00 16.50 -0.2
IGT 1.22 355 ePg 00 34.60 -1.8
eSg 00 50.56
KEK 1.49 340 ePb 00 40.00 -0.7
SRN 1.60 347 ePn 00 43.60 1.3
AGG 1.62 64 iPb 00 42.92 0.4
eSb 01 05.04
LSK 1.83 3 ePn 00 47.50 1.8
KZN 2.23 26 ePg 00 56.50 5.1X
KBN 2.32 6 ePn 01 03.50 10.8X
LIT 2.37 41 ePn 00 53.88 0.4
eSn 01 23.04
VLI 2.53 128 ePg 01 02.00 6.4X
PAIG 2.97 56 ePn 01 01.96 0.1
eSn 01 35.76
GRG 3.03 29 iPn 01 01.96 -0.8
iSn 01 36.80
SOH 3.35 41 ePn 01 06.80 -0.6
PHP 3.36 360 ePn 01 19.70 12.2X
VAY 3.41 28 ePn 01 10.40 2.3X
SKO 3.73 11 ePn 01 17.50 4.8X
S.D. = 1.2 on 10 of 16 obs.

JUN 11, 1994 09h 37m 56.99± 0.33s
29.070 N ± 5.5km 52.537 E ± 3.6km
DEPTH = 18.4km (6 depth phases)
4.8mb (47 obs.) 4.2Msz (4 obs.)
SOUTHERN IRAN (353)
Some damage in the Firuzabad
area.

TEH 6.72 352 eP 39 36.00 -1.3
MAIO 9.29 37 eP 40 14.00 0.9
eS 42 46.00
ASH 10.10 27 eP 40 23.00 -1.1
e 42 26.00
KAT 10.57 16 eP 40 31.00 0.5
e 42 27.00
MTA 14.08 336 iPc 41 19.80 2.2
MAK 14.51 345 eP 41 20.00 -3.2X
HRI 14.97 290 Pn 41 25.40 -4.1X
SDOM 14.98 282 Pn 41 30.90 1.5
HMDT 14.99 286 Pn 41 29.20 -0.3
JVI 15.09 285 Pn 41 30.00 -0.9
MML 15.10 287 Pn 41 30.20 -0.8
ARVI 15.14 280 Pn 41 32.40 0.8
GAZ 15.16 306 eP 41 30.00 -1.7
BHL 15.19 293 P 41 28.00 -4.2X
S 44 34.00
GRO 15.28 341 eP 41 35.00 1.8
1.5s 100.00nm 4.9mb
Z 18s 1.50um 4.8MszX
N 16s 1.50um
E 14s 1.50um
PRNI 15.30 279 Pn 41 34.30 0.7
MBH 15.41 277 Pn 41 35.20 0.1
SAGI 15.59 279 Pn 41 37.10 -0.3
RMN 15.62 280 Pn 41 37.80 -0.1
PYA 16.74 336 iPc 41 53.00 1.0
1.3s 70.00nm 4.6mb
Z 14s 1.00um 3.6Msz
iS 45 08.00
SOC 17.76 328 eP 42 05.00 0.3
0.8s 100.00nm 5.0mb
Z 13s 1.10um 3.5MszX
E 11s 1.40um
eS 45 22.00
ELL 20.45 298 eP 42 36.00 -0.3
KSL 20.55 296 eP 42 36.00 -1.1
KHL 21.21 302 iP 42 43.00 -1.0
NDI 21.61 85 iPd 42 47.80 -0.2
1.2s 75.00nm 5.0mb
HRT 22.04 308 iP 42 53.10 0.9
POO 22.11 114 eP 42 51.50 -1.5
FRU 22.46 46 eP 43 02.00 5.7X
1.8s 50.00nm 4.7mb
e 43 17.00 65kmX
IZM 22.93 301 eP 42 57.10 -3.9X
NPS 23.57 292 eP 43 10.00 2.7
PRK 23.91 302 eP 43 12.00 1.5
ALN 24.61 306 eP 43 17.38 0.2
VAM 24.74 292 eP 43 22.00 3.4X
RDO 25.05 306 eP 43 23.00 1.5
KIS 25.70 321 eP 43 31.00 3.5X
Z 19s 0.50um 4.1Msz
e 43 37.00 21km
e 44 15.00
ePPP 44 21.00
eS 48 03.00
eSS 49 17.00
OUR 25.92 303 eP 43 30.38 0.8
VLI 25.93 295 eP 43 29.50 -0.3
PAIG 26.03 302 eP 43 31.50 0.8
HYB 26.51 110 eP 43 36.00 0.7
SOH 26.52 304 eP 43 36.10 0.9
MLR 26.59 315 eP 43 40.00 4.0X
AGG 26.82 300 eP 43 37.62 -0.4
KNT 26.95 305 eP 43 38.70 -0.4
LIT 26.95 302 eP 43 38.38 -0.8
CMP 27.05 314 ePd 43 32.00 -8.1X
VAY 27.23 305 iP 43 42.00 0.3
GRG 27.25 304 iP 43 42.06 0.1
BRVK 27.30 24 eP 43 41.00 -1.2
1.3s 23.00nm 4.7mb
Z 16s 0.51um 4.2MszX
N 14s 0.65um
E 14s 0.71um
eS 48 28.00
KZN 27.54 302 eP 43 48.00 3.4X
FNA 27.95 303 eP 43 48.70 0.4
SKO 28.23 305 iP 43 51.00 0.2
Z 16s 0.60um 4.3MszX
LR 55 43.00
SVE 28.31 9 eP 43 53.00 1.7
Z 14s 0.80um 4.5MszX
N 14s 0.50um
E 14s 0.20um
eS 48 44.00
OBN 28.43 341 ePd 43 52.50 0.1
0.8s 21.00nm 4.9mb
Z 20s 0.50um 4.1Msz
N 18s 0.30um
E 18s 0.40um
epP 44 07.00 60kmX
e 44 42.00
e 44 58.00
MOS 28.71 342 eP 43 57.00 2.1
e 44 49.00 267kmX
SRO 32.33 315 eP 44 30.90 3.8X
ZST 33.23 315 eP 44 37.60 2.7
OKC 33.27 318 eP 44 37.40 2.2
KBA 35.26 312 iPd 44 51.60 -1.0
0.7s 11.40nm 4.9mb
i 44 56.40 16km
PRU 35.46 317 eP 44 57.00 2.9
GEC2 35.57 315 P 44 53.80 -1.4
0.5s 0.78nm 3.9mb
e 45 01.90 27km
e 45 05.10
KHC 35.75 315 Pc 44 55.90 -0.7
1.0s 12.50nm 4.8mb
e 45 00.00 14km
e 45 11.50
e 46 16.50
BRG 36.15 318 eP 45 02.20 2.3
1.0s 9.00nm 4.6mb
WTTA 36.43 311 iPc 45 01.40 -1.1
0.8s 23.00nm 5.1mb
i 45 05.90 15km
i 45 14.20
NUR 36.59 337 iP 45 02.10 -1.3
0.4s 10.00nm 5.0mb
CLL 36.86 318 eP 45 09.00 3.1X
1.1s 13.00nm 4.7mb
KAF 37.27 340 iP 45 09.20 0.1
0.5s 4.10nm 4.5mb
GRF 37.38 315 eP 45 10.40 0.1
TMA 38.02 309 P 45 17.70 1.8
LLS 38.09 310 P 45 15.56 -1.0
ZLA 38.62 311 P 45 20.87 0.0
SBF 38.67 305 eP 45 21.20 -0.1
0.9s 36.85nm 5.1mb
UPP 38.78 333 iP 45 21.40 -0.4
DIX 39.02 308 P 45 23.59 -0.8
EMS 39.34 308 P 45 26.86 -0.1
LPG 39.38 307 eP 45 26.30 -1.1
0.7s 12.80nm 4.7mb
LPL 39.39 307 eP 45 26.50 -1.0
0.8s 19.90nm 4.9mb
BSF 39.75 311 eP 45 28.90 -1.4
HAU 40.08 311 eP 45 31.50 -1.4
LVZ 40.30 350 (P) 45 36.20 1.8
BCAO 40.47 239 iPc 45 37.00 0.6
0.7s 12.00nm 4.7mb
HFS 40.56 331 eP 45 35.30 -1.3
0.4s 9.20nm 4.8mb
Z 17s 0.21um 4.1MszX
LR 01 25.00
SDF 41.47 345 iP 45 45.00 1.1
LBF 41.50 309 eP 45 43.40 -1.1
1.1s 10.25nm 4.5mb
SMF 41.54 309 eP 45 44.00 -0.9
0.8s 19.35nm 4.9mb
LOR 41.62 310 eP 45 44.80 -0.7
0.7s 5.20nm 4.4mb
SSF 41.83 309 eP 45 46.40 -0.8
AVF 41.90 309 eP 45 47.10 -0.6
1.0s 8.20nm 4.4mb
NB2 42.08 331 P 45 47.40 -1.7
0.8s 7.80nm 4.5mb
BGF 42.21 308 eP 45 49.50 -0.9
MAF 42.37 308 eP 45 51.50 -0.2
TCF 42.62 308 eP 45 53.20 -0.6
0.8s 6.30nm 4.4mb
RJF 43.02 306 eP 45 57.00 0.0
1.1s 19.05nm 4.7mb
Z 23s 0.15um 3.8MszX
LZH 43.39 67 eP 45 59.50 -0.8
1.5s 34.00nm 4.9mb
Z 15s 0.49um 4.5MszX
N 16s 0.78um
pP 46 09.50 34kmX
CHTO 43.39 93 ePd 46 00.30 0.0
1.0s 15.75nm 4.7mb
ZAK 43.45 46 eP 46 00.50 0.2
2.0s 22.00nm 4.6mb
LFF 43.55 306 eP 46 01.10 -0.1
1.0s 25.80nm 5.0mb
MFF 44.27 308 eP 46 06.20 -0.9
0.9s 12.60nm 4.8mb
LDF 44.44 311 eP 46 07.10 -1.3
0.7s 10.05nm 4.8mb
KMI 44.60 83 eP 46 09.60 -0.7
0.8s 10.00nm 4.8mb
pP 46 14.60 17km
sP 46 19.60
FLN 44.69 311 eP 46 09.70 -0.8
0.8s 14.65nm 4.9mb
GRR 44.90 311 eP 46 11.60 -0.6
LPF 44.99 310 eP 46 11.60 -1.3
0.6s 8.20nm 4.8mb
NST 45.70 96 eP 46 20.30 1.5
EKA 47.27 320 Pc 46 28.83 -1.9
1.0s 4.90nm 4.5mb
BJI 52.54 60 eP 47 10.00 -1.4
Z 18s 0.59um 4.7Msz
KIC 58.43 259 P 47 54.27 0.0
0.9s 18.50nm 5.2mb
TIC 58.53 259 P 47 54.87 -0.1
0.9s 13.50nm 5.0mb
LIC 58.74 259 P 47 56.31 -0.1

```
     0.8s    25.00nm          5.4mb
   Z  20s     0.21um          4.3Msz
LBTB  59.68 208 eP    48 03.48   0.7
     0.9s    11.82nm          5.0mb
BLF   63.09 206 eP    48 25.80   0.0
ILT   76.11  18 eP    49 44.50  -0.4
IMA   83.05  10 eP    50 21.56  -0.9
     0.7s     1.25nm          4.2mb
TTA   85.53  13 (P)   50 34.40  -0.5
     1.5s     7.33nm          4.7mb
PWA   87.80  10 eP    50 41.70  -4.2X
YKA   88.18 354 P     50 47.80   0.1
     0.8s     1.90nm          4.5mb
WRA   92.66 111 P     51 10.50   1.3
     0.5s     0.30nm          4.0mb
WB2   92.67 111 eP    51 17.10   7.8X
     0.8s     3.00nm          4.8mb
ASPA  94.15 115 P     51 16.89   0.9
     0.7s     3.00nm          4.8mb
LPAZ 124.30 269 PKP   56 59.40   1.7
LPB  124.37 269 PKP   57 04.60   7.0X
   S.D. = 1.1  on 105 of 120 obs.
-------------------------------------
  JUN 11, 1994  10h 05m 44.52± 0.67s
  37.831 N ± 6.9km  142.942 E ± 8.2km
  DEPTH =  10.0km  (geophysicist)
  4.3mb (  6 obs.)
 OFF EAST COAST OF HONSHU, JAPAN (229)

OFUJ   1.60 322 P     06 12.30  -0.6
YAMJ   2.32 279 eP    06 22.80  -0.6
                eS    06 51.20
KAKJ   2.75 235 iPd   06 29.00  -0.4
                S     07 03.30
NIIJ   3.19 261 P     06 35.60   0.0
AOMJ   3.38 325 eP    06 41.00   2.7
                eS    07 19.80
CHJJ   3.63 242 P     06 41.40  -0.5
                S     07 22.30
MAT    3.99 253 (P)   06 47.00  -0.1
                (S)   07 36.00
MTMJ   4.28 255 P     06 52.30   1.0
HOOJ   4.55   3 eP    06 52.40  -2.6
                eS    07 48.00
IIDJ   4.68 241 P     06 58.10   1.2
MRRJ   4.81 343 eP    07 01.80   3.2X
KUSJ   5.43  14 eP    07 05.90  -1.5
                eS    08 05.60
TSRJ   6.04 250 P     07 16.50   0.5
ASAJ   6.29 358 eP    07 20.20   0.7
WKYJ   6.96 241 P     07 28.20  -0.8
YONJ   8.07 254 P     07 44.10  -0.5
TKSJ   8.17 245 P     07 45.40  -0.6
WB2   58.03 190 iPc   15 39.10  -0.8
     0.7s     8.40nm          4.9mb
WRA   58.03 190 P     15 39.50  -0.4
     0.6s     3.80nm          4.6mb
ASPA  61.76 189 eP    16 05.20  -0.3
     1.6s     5.20nm          4.5mb
NB2   73.92 338 P     17 21.20   0.0
     0.5s     1.40nm          4.3mb
PV10  79.33  50 eP    17 54.72   2.4
                pP    18 02.64  25kmX
GEC2  82.67 329 PKP   18 17.60   8.1X
     1.1s     1.16nm          4.0mb
GEC2  82.67 329 P     18 09.50   0.0
     0.8s     0.59nm          3.8mb
LPAZ 145.24  60 PKP   25 26.60   1.4
LPB  145.43  61 ePKP  25 29.00   3.7X
   S.D. = 1.2  on  23 of  26 obs.
-------------------------------------
* JUN 11, 1994  10h 30m 56.42± 0.86s
  7.349 N ±10.2km  127.305 E ±12.2km
  DEPTH =  33.0km  (normal)
  4.2mb (  5 obs.) 4.4Msz (  1 obs.)
 PHILIPPINE ISLANDS REGION       (248)

BIP    1.36 310 iPc   31 17.50  -1.8
                iS    31 29.50
DAV    1.74 262 ePc   31 24.90   0.2
     1.0s  1560.00nm
CGP    2.81 293 iPc   32 22.00  42.0X
                iS    32 34.00
CTB    3.08 267 ePd   31 43.50  -0.4
MAP    4.42 312 iPc   32 04.00   1.1
PLP    4.43 329 ePd   32 03.00  -0.1
KKM   11.09 264 ePc   33 38.00   2.0
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                e     35 28.00
BAG   11.15 324 eP    33 26.90 -10.0X
NST   27.85 290 eP    36 49.90   4.7X
                e     38 37.00
WB2   27.99 166 eP    36 46.80   0.4
     0.8s     3.50nm          4.1mb
ASPA  31.49 168 eP    37 24.50   6.9X
     1.1s     4.70nm          4.2mb
WARB  33.34 181 eP    37 33.50  -0.2
LZH   35.75 327 eP    38 02.00   7.5X
     1.6s    22.00nm          4.8mb
   Z  18s     0.59um          4.4Msz
   E  14s     0.48um
MRWA  37.95 196 eP    38 11.30  -1.5
WOOL  38.60 188 eP    38 14.10  -4.2X
MUN   40.52 195 eP    38 33.00  -1.1
NWAO  41.18 193 eP    38 39.10  -0.5
STKA  41.32 161 eP    38 41.70   1.0
     1.1s     6.50nm          4.3mb
BALM  83.80  29 (P)   43 37.45  13.7X
GEC2  99.61 322 P     44 37.10  -1.0
     0.8s     0.56nm          4.2mb
LPAZ 162.49 122 PKP   50 59.50   2.1
   S.D. = 1.3  on  14 of  21 obs.
-------------------------------------
* JUN 11, 1994  10h 32m 45.97± 1.25s
  7.352 N ±15.2km  127.243 E ±13.9km
  DEPTH =  33.0km  (normal)
  4.5mb (  3 obs.) 4.3Msz (  1 obs.)
 PHILIPPINE ISLANDS REGION       (248)

BIP    1.31 311 iPd   33 08.00  -0.1
                iS    33 24.00
DAV    1.68 261 eP    33 14.00   0.6
CGP    2.75 294 eP    34 17.00  48.3X
CTB    3.02 267 ePc   33 32.50  -0.1
LEM   24.12 235 iPc   38 04.60   4.5X
WB2   28.01 166 eP    38 37.50   1.3
     0.8s     5.70nm          4.3mb
ASPA  31.51 168 eP    39 13.50   6.2X
     1.0s     8.50nm          4.5mb
BJI   34.03 345 ePKP  39 53.00  24.0X
   Z  20s     0.60um          4.3Msz
MRWA  37.94 196 eP    40 02.00  -0.3
WOOL  38.60 188 eP    40 06.90  -0.9
MUN   40.50 195 eP    40 23.00  -0.6
NWAO  41.17 193 eP    40 29.00   0.0
STKA  41.35 161 eP    40 30.50   0.0
     1.5s    14.70nm          4.5mb
   S.D. = 0.7  on   9 of  13 obs.
-------------------------------------
? JUN 11, 1994  10h 47m 57.39± 6.76s
  41.835 N ±42.5km   27.475 E ±34.8km
  DEPTH =   5.0km  (geophysicist)
 TURKEY                          (366)
   ML 3.0 (ISK).

DMK    0.21  94 iPg   48 01.80   0.1
                iSg   48 05.60
CTT    0.99 133 iPg   48 16.60  -0.1
                eSg   48 29.50
ISK    1.42 122 iPn   48 24.50   0.7
EDC    1.52 169 ePn   48 25.00  -0.2
KCT    1.72 157 ePn   48 28.50   0.4
HRT    1.94 121 ePn   48 30.50  -0.8
   S.D. = 0.7  on   6 of   6 obs.
-------------------------------------
  JUN 11, 1994  10h 55m 22.88± 0.34s
  7.252 N ± 5.2km  127.112 E ± 8.1km
  DEPTH =  37.3km  (  3 depth phases)
  4.6mb ( 15 obs.)
 PHILIPPINE ISLANDS REGION       (248)

DAV    1.53 264 ePd   55 50.30   2.1
     0.8s  1110.45nm
CGP    2.68 297 eP    56 09.00   4.5X
CTB    2.89 269 ePc   56 08.00   0.4
MAP    4.35 315 iPc   56 30.00   1.7
                eS    57 05.00
PLP    4.42 332 ePd   56 29.00  -0.3
PPR    8.66 287 ePd   57 21.50  -7.3X
KKM   10.89 264 ePc   58 04.00   4.5X
BAG   11.12 326 eP    58 03.20   0.5
KNA   22.91 176 eP    00 27.00   2.3
KAGJ  24.07   8 eP    00 35.80  -0.1
KUMJ  25.39   7 eP    00 48.40  -0.1
LOE   26.74 295 eP    01 05.00   3.9X
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SHNJ  27.00   7 eP    01 02.60  -0.7
TKSJ  27.36  13 P     01 06.50  -0.1
NST   27.71 290 eP    01 12.50   2.6
WB2   27.95 165 eP    01 10.40  -1.7
     0.7s     5.40nm          4.3mb
WKYJ  27.96  15 eP    01 05.00  -7.1X
YONJ  28.41  11 P     01 16.00  -0.1
ASPA  31.44 168 eP    01 42.50  -0.7
     0.6s     3.30nm          4.3mb
CTA   33.06 146 iPc   01 59.00   1.7
WARB  33.24 181 eP    01 58.50  -0.3
OFUJ  34.30  20 eP    02 08.60   0.8
MEEK  34.68 193 eP    02 10.00  -1.3
     0.5s    11.00nm          5.0mb
LZH   35.73 327 eP    02 36.00  15.7X
     1.5s    19.00nm
   Z  16s     0.34um          4.2MszX
   E  12s     0.26um
MRWA  37.81 196 eP    02 37.00  -0.6
WOOL  38.48 187 iPd   02 42.50  -0.8
BAL   38.94 194 eP    02 46.00  -1.2
KLB   39.65 193 eP    02 52.60  -0.4
MUN   40.37 194 eP    02 58.80  -0.2
NWAO  41.05 193 eP    03 04.50   0.0
STKA  41.29 161 eP    03 05.90  -0.6
     1.2s    21.10nm          4.7mb
ARMA  44.23 149 eP    03 31.10   0.5
     1.1s    21.00nm          4.9mb
CAN   47.11 155 eP    03 54.50   1.2
ZAK   47.36 339 eP    03 54.00  -1.1
                e     05 25.00 472kmX
DZM   48.32 128 iPc   04 15.60  12.5X
GBA   49.19 282 Pd    04 07.50  -2.3
     0.6s     6.00nm          4.8mb
PET   52.35  24 eP    04 34.00   0.7
YAK   54.69   2 eP    04 48.40  -1.9
     1.0s    50.00nm          5.5mb
MAIO  67.72 306 eP    06 17.00  -2.1
ILT   70.38  19 eP    06 46.80  12.1X
CSY   74.35 187 eP    07 02.80   4.7X
     0.8s    14.30nm          5.0mb
IMA   79.03  24 eP    07 25.29   0.6
     0.8s     2.35nm          4.2mb
CP2   79.18  29 (P)   07 26.83   1.2
SLKM  80.12  30 eP    07 30.78   0.3
FBA   81.40  25 eP    07 36.94  -0.1
     0.8s     0.69nm          3.7mb
BALM  83.97  29 eP    07 51.66   1.1
                e     08 03.80  40km
OBN   84.40 325 eP    07 51.00  -1.6
     0.9s    19.00nm          5.2mb
                e     08 02.00  35km
KAF   88.67 332 iP    08 11.20  -2.2
     0.6s     2.80nm          4.8mb
HFS   95.09 333 eP    08 39.60  -3.6X
     0.4s     0.50nm          4.3mb
YKA   96.15  24 P     08 48.00   0.0
     0.9s     1.10nm          4.3mb
GEC2  99.57 322 PKP   09 02.40  -1.5
     0.9s     1.11nm          4.4mb
                e     09 13.90  37km
LPB  162.50 123 PKP   15 25.50   2.4
LPAZ 162.60 122 PKP   15 25.50   2.1
   S.D. = 1.3  on  43 of  53 obs.
-------------------------------------
  JUN 11, 1994  11h 19m 32.46± 0.19s
  7.297 N ± 3.3km  126.923 E ± 4.2km
  DEPTH =  37.1km  ( 15 depth phases)
  5.1mb ( 41 obs.)  4.8Msz ( 11 obs.)
MINDANAO, PHILIPPINE ISLANDS     (259)
     Mw 5.2 (HRV).
     CENTROID, MOMENT TENSOR     (HRV)
     Data Used: GDSN
     L.P.B.: 22S, 31C
     Centroid Location:
     Origin Time         11:19:36.8 0.5
     Lat  7.30N 0.07 Lon 127.73E 0.06
     Dep  15.0 FIX Half-duration  1.2
     Moment Tensor;   Scale 10**16 Nm
       Mrr= 6.88 0.43  Mtt=-0.70 0.54
       Mff=-6.18 0.69  Mrt=-0.67 1.26
       Mrf= 3.77 0.94  Mtf=-2.75 0.50
      Principal Axes:
       T  Val=  8.11   Plg=71  Azm=240
       N       -0.07     14        16
       P       -8.04     13       109
     Best Double Couple:Mo=8.1*10**16
```

11d 11h

```
       NP1:Strike=217 Dip=34 Slip= 115
       NP2:          7     59       74
BIP      1.14 324 iPc   19 53.00   0.9
                  iS    20 08.00
DAV      1.35 261 iPc   20 00.50   5.3X
CGP      2.49 298 iPc   20 15.00   3.5X
                  iS    21 26.00
CTB      2.70 268 ePc   20 13.50  -1.0
MAP      4.18 316 iPc   20 40.00   4.4X
                  eS    21 20.00
PLP      4.30 334 iPc   20 38.80   1.7
                  iS    20 45.50
PPR      8.47 287 iPc   21 38.50   2.8
       1.0s    83.00nm         5.8mb
PGP      8.51 317 ePc   21 46.00   9.6X
TGY      8.96 319 ePc   21 52.00   9.4X
TSM      9.49 252 ePc   21 54.50   4.7X
KKM     10.71 264 eP    22 12.50   5.9X
       1.9s   488.10nm         6.4mb X
BAG     10.98 326 ePc   22 13.00   2.6
CVP     11.48 335 eP    22 21.00   4.0X
GUMO    18.72  69 eP    23 48.70  -1.7
                  e     23 51.50
PJG     18.72  69 eP    23 48.60  -1.8
KNA     22.97 175 eP    24 37.50   2.6
KAGJ    24.05   8 P     24 46.20   0.9
KGM     24.10 259 ePc   24 49.10   3.2X
SSE     24.28 348 Pc    24 44.00  -3.4X
       1.0s     0.50nm         3.0mb X
     Z  20s     1.80um         4.6Msz
     E  12s     0.80um
                  sP    25 12.60
                  S     26 12.00
                  sS    29 19.00
KUMJ    25.37   8 P     24 58.20   0.3
IPM     25.90 265 ePc   25 03.10   0.1
SNG     26.10 271 eP    25 18.50  13.7X
LOE     26.55 295 eP    25 11.00   2.0
SHNJ    26.98   8 P     25 12.10  -0.6
TKSJ    27.36  13 P     25 16.40   0.2
NST     27.51 290 eP    25 17.50  -0.3
WKYJ    27.96  15 P     25 22.60   0.9
WRA     28.03 165 P     25 21.20  -1.3
       1.3s     4.70nm         4.0mb X
WB2     28.04 165 eP    25 20.20  -2.3
       0.9s     7.00nm         4.3mb
                  i     25 33.60  54kmX
                  eS    30 27.80
YONJ    28.40  11 P     25 25.90   0.3
BDT     28.98 293 eP    25 32.00   1.0
KMI     29.12 310 P+    25 32.00  -0.5
       1.0s    20.00nm         4.8mb
     Z  15s     1.80um         4.8MszX
     N  14s     0.70um
     E  14s     0.90um
                  pP    25 39.00  24kmX
                  PP    26 40.00
                  S     30 50.00
                  PcS   31 47.00
                  SS    32 53.00
MBL     29.12 194 eP    25 32.00  -0.2
TSRJ    29.31  15 P     25 33.70  -0.1
CHTO    29.51 296 ePc   25 35.60  -0.2
       1.2s    23.96nm         4.8mb
IIDJ    29.81  18 P     25 38.30   0.0
CHJJ    30.68  19 P     25 44.80  -1.1
MTMJ    30.80  17 P     25 45.90  -1.2
MAT     30.88  18 eP    25 45.00  -2.7
       1.2s    18.75nm         4.7mb
     Z  20s     1.42um         4.6Msz
                  eS    30 44.00
ASPA    31.52 168 P     25 53.70   0.2
NIIJ    31.77  18 P     25 55.10  -0.4
CTA     33.20 145 iPc   26 08.50   0.3
                  i     26 11.00   9kmX
                  i     26 20.00
WARB    33.28 180 eP    26 08.30  -0.5
BJI     34.00 345 eP    26 13.50  -1.3
       8.0s     0.36nm         2.4mb X
     Z  18s     0.59um         4.4Msz
     N  12s     0.35um
                  ePcP  28 53.00
                  eS    31 40.00
                  eSS   33 48.00
OFUJ    34.32  21 eP    26 16.10  -1.5
MEEK    34.68 193 iPd   26 20.70  -0.2
```

```
       0.7s    41.00nm         5.5mb
AOMJ    35.23  18 eP    26 27.50   2.1
LZH     35.59 327 eP    26 27.50  -1.2
       1.5s    32.00nm         5.0mb
     Z  16s     1.85um         4.9MszX
     E  13s     0.88um
                  pP    26 34.50  24kmX
                  sP    26 44.50
                  PP    28 08.00
                  eS    32 40.00
MRRJ    37.15  17 eP    26 42.80   1.2
MRWA    37.80 196 eP    26 47.50   0.3
       0.4s     9.00nm         5.0mb
HOOJ    37.82  20 eP    26 48.90   1.7
COOL    38.36 188 eP    26 51.90   0.0
WOOL    38.50 187 iPc   26 52.60  -0.4
                  i     27 05.60  49kmX
BAL     38.94 194 eP    26 57.10   0.4
KUSJ    38.94  21 eP    26 58.00   1.4
ASAJ    39.17  18 eP    27 00.30   1.8
KLB     39.65 192 eP    27 02.50  -0.1
MUN     40.37 194 eP    27 09.20   0.6
       0.7s    44.00nm         5.3mb
NWAO    41.05 192 eP    27 15.00   0.9
STKA    41.40 161 eP    27 16.20  -0.8
       0.9s    33.30nm         5.1mb
                  i     27 25.80  32km
TAPN    42.16 303 P     27 23.71   0.0
ODAN    42.25 302 P     27 24.13  -0.3
RAMN    42.95 302 P     27 30.13   0.0
ADE     43.48 166 eP    27 33.80  -0.2
JIRN    43.53 303 P     27 34.65  -0.3
GUN     43.87 303 P     27 37.49  -0.2
PKI     44.15 302 P     27 38.95  -1.0
KKN     44.33 303 P     27 40.61  -0.7
ARMA    44.36 149 eP    27 42.00   0.7
       0.8s    23.00nm         5.0mb
GKN     44.94 303 P     27 45.25  -0.9
KOLN    45.74 302 P     27 51.45  -1.0
DANN    45.78 303 P     27 52.33  -0.6
CIT     45.90 349 eP    27 54.00   0.8
BWA     46.21 155 eP    27 56.80   0.9
                  ipP   28 09.00  44km
PYUN    46.35 302 P     27 56.87  -0.5
CAN     47.22 155 eP    28 04.80   0.9
                  ipP   28 15.80  38km
ZAK     47.26 340 eP    28 02.70  -1.1
       1.4s    14.00nm         4.8mb
                  e     29 35.00 481kmX
                  eS    35 00.00
HYB     48.19 287 eP    28 11.80   0.1
DZM     48.50 128 iPc   28 17.70   3.7X
IRK     48.53 342 eP    28 13.00  -0.8
       1.4s    21.00nm         5.0mb
     Z  18s     0.53um         4.6Msz
GBA     49.00 282 P     28 17.50  -0.4
       0.7s    14.00nm         5.1mb
BOD     51.39 351 eP    28 34.50  -1.1
NDI     51.40 301 iPc   28 34.20  -1.9
       0.8s     8.96nm         4.8mb
PET     52.39  24 eP    28 44.00   0.9
       1.0s    93.00nm         5.7mb
                  eS    36 12.00
                  e     39 48.00
POO     52.75 288 eP    28 45.50  -0.9
YAK     54.65   2 iPc   28 59.00  -0.6
       1.5s   221.00nm         6.0mb
     Z  18s     0.80um         4.8Msz
     N  18s     0.80um
                  i     29 09.00  33km
                  e     30 09.00
FRU     57.88 317 eP    29 19.00  -4.2X
SMY     59.32  31 eP    29 33.10   0.2
       0.3s     6.20nm         5.2mb
ADK     63.94  35 eP    30 03.21  -0.8
       0.9s    13.54nm         5.0mb
BRVK    64.54 326 iPc   30 06.50  -1.4
       1.0s    18.00nm         5.1mb
     Z  18s     0.30um         4.5Msz
     N  18s     0.17um
     E  18s     0.31um
MAIO    67.54 306 eP    30 27.00  -0.6
ILT     70.40  19 iPd   30 44.90   0.4
       1.3s    33.00nm         5.2mb
                  eS    39 56.00
SVE     71.05 328 iPc   30 48.50  -0.1
       1.0s    60.00nm         5.6mb
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     Z  18s     0.80um         5.0Msz
     N  18s     0.30um
     E  18s     0.40um
                  e     31 08.00  73kmX
                  eS    40 08.00
SDN     74.14  35 eP    31 05.67  -1.1
       1.0s    25.30nm         5.2mb
CSY     74.37 187 iPc   31 13.10   5.2X
       0.9s    24.10nm         5.2mb
                  i     31 25.30  41km
KER     77.53 303 iPd   31 25.70  -0.9
SVW     77.59  29 eP    31 27.77   1.5
       0.9s    26.35nm         5.3mb
                  e     31 39.59  39km
TTA     77.66  27 eP    31 27.48   0.8
       1.6s    14.81nm         4.8mb
GRO     78.67 313 iPc   31 34.00   1.5
BRW     78.75  19 eP    31 33.68   1.2
                  e     31 45.65  40km
KDC     78.84  33 eP    31 34.50   1.4
       0.9s    13.10nm         4.9mb
IMA     79.07  24 eP    31 34.79   0.3
       0.7s     4.91nm         4.6mb
CP2     79.23  29 eP    31 36.06   0.6
SLKM    80.17  30 eP    31 40.09  -0.2
PYA     80.57 313 iPc   31 42.50  -0.3
       1.0s   100.00nm         5.8mb
                  i     31 54.00  38km
PMR     80.74  29 ePc   31 43.50   0.2
       0.6s     7.40nm         4.8mb
FBA     81.44  25 eP    31 46.61  -0.3
       0.9s     1.96nm         4.1mb
TOA     82.15  28 eP    31 52.10   1.4
       0.6s    10.00nm         5.0mb
KLU     82.28  29 eP    31 52.33   0.9
                  e     32 04.15  39km
MOS     83.63 325 eP    31 58.00  -0.3
     Z  16s     0.70um         5.1MszX
BALM    84.03  29 eP    32 01.85   1.4
                  e     32 11.29  30km
LVZ     84.15 338 (P)   32 08.60   7.7X
                  e     42 20.60
OBN     84.26 325 ePc   32 00.00  -1.5
       1.1s    47.00nm         5.5mb
     Z  18s     0.90um         5.2Msz
     E  18s     0.70um
                  i     32 12.00  39km
KAF     88.54 332 iP    32 21.40  -1.0
       0.6s     6.30nm         5.1mb
NUR     89.70 331 iP    32 27.00  -0.9
       0.5s     5.70nm         5.1mb
DAG     93.78 353 eP    32 45.00  -1.5
       0.9s    25.21nm         5.6mb
UZH     94.11 320 eP    32 49.00   0.5
                  e     33 00.70  38km
HFS     94.97 333 eP    32 50.30  -1.9
       1.0s    18.90nm         5.5mb
NB2     95.69 334 P     32 54.00  -1.6
       0.6s     1.80nm         4.7mb
VAY     95.87 313 iP    32 55.00  -1.7
YKA     96.19  24 P     32 57.80   0.0
       0.8s     3.30nm         4.9mb
OKC     96.35 322 eP    32 58.80   0.0
SKO     96.51 314 eP    32 54.00  -5.7X
PRU     98.48 323 P     33 08.50   0.2
     Z  18s     0.40um         5.0Msz
                  e     33 19.50  35km
BRG     98.50 324 e(P)  33 08.90   0.5
     Z  21s     1.00um         5.3Msz
     N  21s     0.60um
     E  21s     0.60um
                  e     33 25.50  58kmX
KHC     99.38 322 eP    33 13.00   0.5
       1.0s     3.50nm         4.8mb
     Z  16s     0.30um         4.9MszX
                  e     33 24.00  35km
GEC2    99.42 322 P     33 12.80   0.0
       0.8s     4.23nm         5.0mb
                  e     33 24.30  37km
                  PP    36 18.00
GRF    100.57 323 ePdiff33 19.20   1.4
     Z  19s     0.50um         5.0Msz
GOL    112.82  41 ePKP  38 07.85   0.1
WMOK   119.93  43 ePKP  38 19.37  -1.8
FVM    123.08  35 ePKP  38 26.78  -0.3
                  e     38 39.19
MIAR   123.47  40 ePKP  38 28.57   0.7
```

e 38 41.11
BINY 126.48 21 ePKP 38 33.34 -0.3
e 38 45.79
KIC 129.91 285 PKP 38 41.22 0.3
0.8s 13.50nm
TIC 130.10 285 PKP 38 41.48 0.2
0.8s 13.50nm
LIC 130.22 284 PKP 38 41.72 0.2
0.5s 26.00nm
PEL 149.54 150 iPKP+ 39 20.30 4.9X
MOCB 161.57 140 PKP 39 33.80 2.1
LPB 162.68 123 (PKP) 39 47.00 14.1X
LPAZ 162.78 123 iPKPc 39 34.80 1.6
SIV 168.34 139 PKP 39 38.10 1.0
S.D. = 1.1 on 123 of 141 obs.

? JUN 11, 1994 11h 58m 50.03± 1.34s
39.165 N ± 9.6km 27.376 E ±19.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.77 187 ePg 59 05.10 0.0
eSg 59 17.10
DST 1.07 65 ePn 59 10.10 0.0
EDC 1.24 17 ePn 59 13.00 0.0
KCT 1.32 35 iPn 59 14.50 0.1
S.D. = 0.1 on 4 of 4 obs.

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* JUN 11, 1994 11h 59m 52.99± 1.46s
20.507 S ±15.6km 168.707 E ±25.0km
DEPTH = 33.0km (normal)
4.7mb (1 obs.)
LOYALTY ISLANDS (188)

DZM 2.62 233 iPc 00 33.50 -0.5
iS 01 05.10
NOUC 2.75 234 iPc 00 35.50 -0.2
iS 01 08.90
BKM 2.86 351 iP 00 37.00 -0.3
ASPA 32.36 258 eP 06 22.80 1.0
0.7s 7.50nm 4.7mb
KHC 145.21 331 ePKP 19 29.00 0.2
1.0s 3.50nm
e 19 42.00
GEC2 145.36 331 PKP 19 28.90 -0.2
0.7s 1.28nm
e 19 32.00
e 19 37.20
S.D. = 0.7 on 6 of 6 obs.

% JUN 11, 1994 12h 02m 55.34± 0.78s
31.489 S ± 8.0km 117.954 E ± 7.5km
DEPTH = 10.0km (geophysicist)
WESTERN AUSTRALIA (590)

KLB 0.19 238 iPd 02 59.30 -0.3
eS 03 01.10
BAL 1.38 309 eP 03 21.10 0.4
eS 03 39.00
NWAO 1.56 203 eP 03 23.30 0.2
eS 03 42.70
MUN 1.57 251 eP 03 23.40 0.2
eS 03 43.40
COOL 2.80 78 eP 03 41.00 0.0
eS 04 18.00
MRWA 2.83 323 eP 03 41.00 -0.4
eS 04 15.00
S.D. = 0.4 on 6 of 6 obs.

? JUN 11, 1994 12h 05m 56.62± 1.23s
40.594 N ±11.7km 21.688 E ± 8.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)

FNA 0.30 309 iPg 06 02.98 0.0
eSg 06 08.04
GRG 0.65 56 iPg 06 09.50 -0.2
eSg 06 19.96
LIT 0.79 129 iPg 06 11.94 0.0
iSg 06 24.73
KNT 1.08 58 ePg 06 17.08 0.2
S.D. = 0.2 on 4 of 4 obs.

% JUN 11, 1994 12h 45m 09.72± 1.45s
33.641 S ±11.4km 118.120 E ±13.0km
DEPTH = 10.0km (geophysicist)
WESTERN AUSTRALIA (590)
NWAO 1.03 314 eP 45 29.90 0.7
eS 45 43.60
RKG 1.31 225 eP 45 33.70 -0.2
iS 45 50.00
KLB 2.07 351 eP 45 46.60 1.7X
eS 46 13.80
MUN 2.31 315 eP 45 49.20 0.8
eS 46 18.50
COOL 3.76 44 eP 46 09.50 0.5
eS 46 52.00
MRWA 4.77 337 eP 46 21.50 -1.8
eS 47 15.50
S.D. = 1.5 on 5 of 6 obs.

% JUN 11, 1994 13h 10m 55.44± 0.93s
35.301 N ± 8.5km 3.947 W ± 8.9km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.0 (MDD).

EMEL 0.81 90 eP 11 11.80 0.7
eS 11 23.50
EGUA 1.56 11 eP 11 21.93 -1.3
eS 11 40.50
EJIF 1.69 313 eP 11 27.00 1.9
ERON 1.72 4 eP 11 24.26 -1.4
eS 11 46.60
ELOJ 1.85 355 eP 11 27.30 -0.3
EPRU 1.96 328 eP 11 29.00 -0.1
ECOG 2.00 9 eP 11 30.30 0.6
eS 11 50.00
IFR 2.03 209 iPg 11 29.50 -0.7
iSg 11 51.50
ENIJ 2.18 40 eP 11 33.00 0.7
S.D. = 1.2 on 9 of 9 obs.

% JUN 11, 1994 13h 42m 58.94± 0.89s
33.178 S ± 9.5km 70.349 W ±19.2km
DEPTH = 100.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.2 (SAN).

FCH 0.16 162 iP+ 43 13.46 -0.3
iS 43 26.42
PEL 0.28 277 iP 43 13.83 0.1
iS 43 25.02
PCH 0.46 197 iP+ 43 14.68 -0.1
iS 43 27.08
JACH 0.54 337 iP 43 15.46 0.1
iS 43 27.94
ROCH 0.59 290 iP 43 15.96 0.0
iS 43 28.77
CHCH 0.79 198 iPd 43 17.61 0.1
iS 43 31.75
CACH 0.96 193 iP 43 19.73 0.4
iS 43 35.38
LNV 1.18 229 iP 43 21.38 -0.2
iS 43 38.04
S.D. = 0.3 on 8 of 8 obs.

? JUN 11, 1994 14h 13m 05.23±11.02s
43.264 N ±44.1km 128.489 W ±76.3km
DEPTH = 10.0km (geophysicist)
OFF COAST OF OREGON (30)

TKO 4.18 58 P 14 09.75 -0.8
FBO 4.41 74 P 14 13.55 -0.2
HBO 4.52 81 P 14 15.50 0.1
NLO 4.57 50 P 14 16.22 0.2
SSOR 4.63 68 P 14 16.83 -0.1
GT2 4.85 65 P 14 20.19 0.1
BMW 4.93 48 P 14 20.76 -0.4
RVW 5.01 53 P 14 22.05 -0.1
BPO 5.10 72 P 14 23.79 0.1
VLMM 5.15 62 P 14 24.40 0.1
LVP 5.16 55 P 14 24.70 0.2
TDH 5.22 65 P 14 25.12 -0.2
MTMW 5.26 56 P 14 25.81 -0.1
VBEM 5.28 68 P 14 26.20 0.0
ERK 5.33 53 P 14 26.92 0.1
SHW 5.33 55 eP 14 27.00 0.1
VLL 5.35 63 P 14 27.36 0.1
STD 5.36 54 P 14 27.46 0.1
REMW 5.36 55 P 14 27.87 0.4
CDFW 5.40 56 P 14 27.89 0.0
TDL 5.43 53 P 14 27.98 -0.3
VFP 5.44 65 P 14 28.92 0.4
LMW 5.56 50 P 14 29.91 -0.2
GULW 5.59 59 P 14 30.91 0.3
ASR 5.70 57 P 14 32.06 0.0
LON 5.88 51 eP 14 34.38 -0.1
GLK 5.89 54 P 14 35.26 0.5
REMR 5.90 51 P 14 35.12 0.2
WPW 6.00 53 P 14 36.53 0.2
FMW 6.06 50 P 14 37.22 0.0
GL2 6.10 61 P 14 37.06 -0.6
GSM 6.15 48 P 14 38.69 0.3
RMW 6.30 46 eP 14 40.16 -0.4
HTW 6.55 44 P 14 44.07 0.1
S.D. = 0.3 on 34 of 34 obs.

& JUN 11, 1994 14h 23m 00.06s
36.574 N 121.054 W
DEPTH = 9.6km
CENTRAL CALIFORNIA (39)
<GM-P>. MD 3.6 (GM). ML 3.6
(BRK), 3.5 (GS).

LRV 0.15 169 P 23 03.78 0.2
BTW 0.28 159 P 23 06.01 0.1
BSLM 0.31 310 P 23 07.32 0.8
SAO 0.37 301 iPc 23 07.47 -0.1
BSRM 0.39 284 P 23 07.55 -0.4
MOP 0.41 150 P 23 08.69 0.1
HSFM 0.43 304 P 23 08.89 0.1
PRCM 0.47 132 P 23 09.51 -0.1
BCWM 0.49 237 P 23 09.42 -0.6
OCR 0.50 313 P 23 10.43 0.2
PCL 0.51 338 P 23 10.71 0.3
PTV 0.54 150 P 23 10.71 -0.2
PSAM 0.56 166 P 23 10.88 -0.6
PDRM 0.60 113 P 23 12.60 0.4
GHS 0.61 329 P 23 12.38 0.0
HCOM 0.61 301 P 23 11.96 -0.4
HGWM 0.65 313 P 23 12.68 -0.4
HSPM 0.65 326 P 23 13.18 0.0
PARM 0.66 119 P 23 13.64 0.4
PCRM 0.69 134 P 23 13.46 -0.3
PWMM 0.69 101 P 23 14.47 0.7
PANM 0.80 171 P 23 15.31 -0.4
JHLM 0.82 311 P 23 15.23 -0.8
ARN 0.86 334 ePc 23 16.69 -0.1
eS 23 29.67
CTM 0.86 138 P 23 17.19 0.4
JSTM 0.87 317 P 23 16.36 -0.4
WKR 0.88 150 P 23 17.03 0.1
MHC 0.90 329 eP 23 17.20 -0.2
eS 23 32.35
JUCM 0.91 298 P 23 16.71 -0.7
PHAM 0.91 144 eP 23 16.59 -0.9
PKEM 0.92 124 eP 23 18.03 0.4
eS 23 31.00
GHC 0.93 142 P 23 17.90 0.0
PADM 0.95 171 P 23 17.71 -0.4
PSRM 0.95 139 P 23 18.22 0.0
MHR 0.96 325 P 23 18.59 0.1
PMCM 1.01 147 P 23 19.46 0.2
PMRM 1.03 140 P 23 19.97 0.4
JBLM 1.05 302 P 23 18.76 -1.2
PAGM 1.06 142 P 23 19.86 -0.3
CSTL 1.12 342 P 23 21.54 0.4
MSJ 1.15 326 P 23 20.87 -0.7
LT3 1.16 307 P 23 20.54 -1.2
JJRM 1.20 310 P 23 21.52 -0.9
PMGM 1.22 159 P 23 21.62 -1.2
STAN 1.22 313 eP 23 21.69 -1.1
eS 23 40.45
CCYM 1.28 320 P 23 22.60 -1.2
BGH 1.28 307 P 23 23.02 -0.9
MOYM 1.38 16 P 23 24.68 -0.7
JCHM 1.42 312 P 23 25.25 -0.6
YEG 1.44 142 P 23 25.98 -0.4
JEGM 1.47 310 eP 23 24.89 -1.7
SAC 1.48 313 P 23 25.79 -1.0
CMB 1.55 20 eP 23 27.33 -0.5
BKC 1.59 328 P 23 28.13 -0.2
BCH 1.59 150 iPd 23 27.26 -1.3
eS 23 50.75
BKS 1.61 324 eP 23 27.03 -1.5
eS 23 47.18
CVPM 1.61 325 P 23 27.85 -0.8
HMR 1.69 340 eP 23 29.69 0.0
AGC 1.69 320 P 23 27.61 -2.2
AASM 1.85 359 P 23 31.81 -0.3

11d 14h

ADWM 1.87 5 P 23 32.40 0.0
MMPM 1.92 57 eP 23 34.37 0.9
eS 23 59.33
GVR 1.94 332 P 23 33.36 0.0
SNT 1.95 326 P 23 32.54 -1.1
ALAM 1.99 2 P 23 33.86 -0.3
MEMM 2.01 57 eP 23 36.11 1.7
eS 24 03.12
MTUM 2.14 68 eP 23 37.41 0.9
eS 24 05.72
NTYM 2.22 325 ePd 23 35.59 -1.8
AFRM 2.23 354 P 23 38.54 1.0
ASMM 2.26 7 P 23 40.02 1.8
NBPM 2.28 337 P 23 37.59 -0.7
ISA 2.28 113 ePn 23 36.75 -1.7
APRM 2.30 357 P 23 38.91 0.2
MRCM 2.31 61 eP 23 40.41 1.4
eS 24 11.09
FTR 2.57 320 P 23 40.80 -1.6
ORV 3.00 353 eP 23 48.94 0.4
KVN 3.40 43 ePn 23 56.05 1.5
LCMM 3.59 354 P 23 51.29 -5.8
SSK 3.62 130 eP 23 56.36 -1.2
GSC 3.67 109 eP 23 57.12 -1.2
TPNV 3.88 83 ePn 24 01.02 -0.2
PEC 4.16 129 (P) 24 03.98 -1.1
PLM 4.71 132 eP 24 10.84 -2.2
LBFM 4.81 352 (P) 24 15.18 0.7
84 obs. associated

% JUN 11, 1994 15h 08m 22.92± 0.56s
40.371 N ± 5.2km 27.594 E ± 4.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.0 (ISK).

EDC 0.21 97 iPg 08 27.00 -0.4
iSg 08 30.00
BNT 0.25 93 iPg 08 28.50 0.3
iSg 08 31.50
MFT 0.48 330 iPg 08 33.00 0.3
iSg 08 38.50
CTT 1.00 39 iPg 08 42.00 0.1
DST 1.10 134 iPn 08 43.90 0.3
EZN 1.12 241 iPn 08 43.60 -0.2
ISK 1.31 58 ePn 08 47.00 -0.2
IZI 1.44 91 ePn 08 49.50 0.4
DMK 1.45 5 ePn 08 49.00 -0.2
HRT 1.64 73 ePn 08 51.60 -0.4
S.D. = 0.4 on 10 of 10 obs.

? JUN 11, 1994 15h 11m 50.02± 0.93s
11.065 S ±13.8km 112.656 E ±18.2km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.52 310 iPc 13 26.50 0.2
MBL 12.17 146 eP 14 42.20 -1.9
eS 16 53.00
MEEK 16.48 161 eP 15 41.50 1.1
eS 18 39.00
MRWA 18.33 171 eP 16 03.00 -0.5
eS 19 22.00
WARB 20.02 141 eP 16 26.00 3.0X
MUN 21.07 172 eP 16 43.00 9.2X
WB2 22.67 116 iPd 16 50.00 0.1
0.8s 7.20nm 4.2mb
ASPA 23.79 125 iPc 17 02.70 1.8
1.2s 15.20nm 4.4mb
MAT 53.12 26 eP 21 06.00 -0.8
S.D. = 1.5 on 7 of 9 obs.

& JUN 11, 1994 15h 13m 14.75s
34.993 N 117.039 W
DEPTH = 2.8km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS), 2.9 (GS).

BLKC 0.18 303 P 13 18.85 0.6
GSC 0.36 32 iPd 13 21.76 -0.3
SBKC 0.45 281 P 13 23.96 0.1
WSHM 0.74 330 P 13 28.38 -1.1
CSP 0.74 201 iPd 13 28.53 -1.0
eS 13 38.52
CALC 0.75 279 P 13 29.34 -0.5
CLC 0.94 331 P 13 32.45 -1.0
SSK 0.95 215 eP 13 32.34 -1.3
eS 13 45.46
TPO 0.98 264 P 13 33.59 -0.5
TOW 1.01 324 P 13 35.70 1.2
CFL 1.04 231 P 13 34.25 -1.0
SNDC 1.05 279 P 13 34.72 -0.5
DBM 1.09 270 P 13 35.25 -0.7
PEC 1.10 185 (P) 13 35.03 -1.1
SME 1.20 193 P 13 37.09 -0.6
TPC 1.20 137 P 13 37.47 -0.4
BMTC 1.29 277 P 13 38.56 -0.8
SWM 1.30 258 P 13 39.79 0.3
THC 1.34 267 P 13 40.64 0.4
ISA 1.35 300 ePc 13 39.26 -1.2
PNMC 1.44 134 P 13 41.95 0.1
WASM 1.45 301 P 13 41.40 -0.6
WLHM 1.55 318 P 13 43.25 -0.4
PLM 1.64 175 eP 13 44.84 0.0
eS 14 06.63
COY 1.73 159 P 13 47.20 1.2
MARC 1.89 271 P 13 50.72 2.5
TPNV 2.05 18 ePn 13 49.63 -1.1
eS 14 19.54
BCH 2.50 275 eP 13 55.46 -1.7
MEMM 3.08 331 (Pn) 14 05.92 0.8
ARUT 4.03 45 ePn 14 17.58 -1.3
MSU 5.25 47 ePg 14 53.33 17.0
31 obs. associated

JUN 11, 1994 16h 19m 03.69± 0.25s
36.223 N ± 5.2km 70.229 E ± 3.9km
DEPTH = 133.1km (5 depth phases)
4.7mb (31 obs.)
HINDU KUSH REGION, AFGHANISTAN (718)

MAIO 8.67 274 iPd 21 06.40 -1.2
0.9s 38.79nm 5.1mb
AAA 8.73 34 ePn 21 07.50 -0.8
iS 22 46.00
NDI 9.55 140 iPd 21 18.50 -0.7
0.7s 191.78nm 5.9mb X
ASH 9.65 284 P 21 20.00 -0.5
1.0s 140.00nm 5.6mb
iS 23 03.00
KAT 11.45 289 eP 21 43.00 -1.2
iS 23 41.50
BRVK 16.83 0 iPd 22 52.00 -0.5
1.0s 164.00nm 5.3mb
Z 18s 0.15um
eS 25 59.00
POO 17.91 169 eP 23 07.00 1.1
eS 26 32.00
TAB 19.14 283 eP 23 31.00 11.9X
GRO 20.12 298 eP 23 33.00 4.1X
N 14s 1.50um
E 12s 1.00um
HYB 20.13 156 ePd 23 29.50 0.2
1.0s 100.00nm 5.2mb
MTA 20.48 293 iPc 23 34.20 1.6
e 27 44.00
SVE 21.58 346 iPd 23 45.30 1.8
1.4s 100.00nm 5.0mb
e 24 09.00 117km
e 24 29.00
e 27 35.00
e 28 18.00
PYA 22.12 299 eP 23 51.00 2.1
Z 18s 0.50um 4.0Msz
i 24 16.00 123km
LZH 27.07 80 PKPc 24 36.20 0.5
Z 20s 0.35um 3.9Msz
E 20s 0.90um
sPKP 24 54.00 230kmX
i 25 21.50
PP 25 29.00
ZAK 27.64 49 iPc 24 41.00 0.6
1.4s 30.00nm 4.8mb
e 25 23.00 210kmX
IRK 28.87 45 eP 24 51.80 0.3
1.4s 21.00nm 4.6mb
e 25 37.80 231kmX
KMI 29.94 103 eP 25 01.60 0.1
CHTO 30.64 117 eP 25 08.90 1.4
BDT 31.72 119 eP 25 17.40 0.6
NST 33.57 120 eP 25 34.50 1.6
CIT 34.33 49 eP 25 40.00 0.8
MLR 34.37 300 eP 25 40.00 0.3
e 56 02.00
BOD 36.06 39 eP 25 52.90 -0.7
VAY 37.13 293 eP 26 03.00 0.2
e 26 24.40 90kmX
LVZ 37.49 339 eP 26 06.20 0.6
KAF 37.52 328 iP 26 06.50 0.6
0.3s 3.10nm 4.6mb
NUR 37.69 325 iP 26 07.80 0.5
0.3s 6.10nm 4.9mb
SKO 37.88 294 eP 26 07.50 -1.7
SRO 39.57 304 eP 26 24.30 1.2
i 26 56.60 146km
BRG 42.31 308 e(P) 26 46.90 1.5
SSE 42.33 82 Pd 26 46.50 0.7
1.2s 33.00nm 4.9mb
IPM 42.35 131 eP 26 46.90 0.7
GEC2 42.58 305 P 26 48.30 0.4
0.6s 0.43nm 3.3mb X
e 26 50.40 7kmX
e 26 52.80
e 26 57.10
e 27 20.30
GRF 44.13 307 eP 27 01.60 1.4
e 27 33.10 140km
e 27 49.20
NB2 44.23 323 P 27 00.40 -0.5
0.6s 4.90nm 4.4mb
YAK 44.57 35 eP 27 02.70 -0.8
0.9s 82.00nm 5.4mb
BSF 47.28 305 eP 27 24.90 -0.4
0.8s 5.10nm 4.3mb
LPG 47.76 302 eP 27 30.10 0.8
LPL 47.77 302 eP 27 29.80 0.5
SMF 49.49 304 eP 27 41.90 -0.3
SSF 49.62 304 eP 27 43.00 -0.2
AVF 49.79 304 eP 27 44.10 -0.3
0.8s 3.65nm 4.3mb
MAT 53.64 68 eP 28 11.00 -2.3
1.0s 10.00nm 4.7mb
DAG 54.85 344 eP 28 22.00 0.3
0.6s 12.00nm 5.0mb
BCAO 56.98 249 iPc 28 37.10 -0.6
0.7s 15.00nm 5.1mb
i 29 10.10 140km
ILT 64.24 23 iPc 29 24.30 -1.7
IMA 72.57 17 eP 30 17.10 -0.6
0.9s 6.30nm 4.4mb
KIC 74.15 266 P 30 26.36 -1.1
0.8s 17.00nm 4.9mb
TIC 74.21 267 P 30 26.54 -1.3
0.8s 12.50nm 4.7mb
LIC 74.46 266 P 30 28.10 -1.1
0.7s 12.00nm 4.8mb
TTA 74.50 20 eP 30 28.80 0.0
1.0s 5.60nm 4.3mb
FBA 74.91 16 eP 30 30.90 -0.1
0.9s 11.70nm 4.6mb
SVW 76.07 21 eP 30 37.90 0.2
0.9s 2.90nm 4.0mb
PMS 77.61 18 eP 30 45.60 -0.6
0.3s 2.60nm 4.5mb
TOA 77.70 17 eP 30 47.00 0.3
0.9s 28.00nm 5.0mb
KDC 79.74 22 eP 30 57.70 0.0
0.3s 3.20nm 4.6mb
YKA 81.55 2 P 31 06.60 -0.5
0.7s 3.40nm 4.2mb
WRA 82.38 121 P 31 11.60 -0.5
0.7s 2.00nm 4.0mb
WB2 82.38 121 iPd 31 10.90 -1.3
0.3s 7.40nm 5.0mb
ASPA 84.61 124 eP 31 22.30 -1.1
0.7s 7.20nm 4.6mb
S.D. = 1.0 on 58 of 60 obs.

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* JUN 11, 1994 16h 27m 43.13± 0.68s
61.633 N ±18.0km 168.185 E ±10.8km
DEPTH = 33.0km (normal)
4.0mb (8 obs.)
EASTERN SIBERIA, RUSSIA (671)

TTA 16.57 70 eP 31 35.89 1.5
1.0s 5.72nm 3.7mb
IMA 17.18 59 eP 31 41.76 -0.2
1.0s 6.46nm 3.7mb
SVW 17.22 76 (P) 31 44.23 1.9

0.9s 13.42nm 4.1mb
FBA 19.76 61 eP 32 11.77 -1.0
1.0s 2.02nm 3.4mb
KLU 21.51 70 eP 32 29.67 -1.2
BALM 23.29 69 eP 32 48.04 -0.4
MAT 31.35 231 eP 34 02.00 -0.5
BONR 49.82 83 eP 36 34.92 0.1
MSU 52.25 77 eP 36 52.59 -0.6
SRU 52.54 76 eP 36 54.95 -0.4
WMOK 61.48 69 eP 37 57.30 -1.2
1.1s 11.05nm 4.9mb
EKA 63.18 354 P 38 10.00 0.5
0.7s 1.80nm 4.3mb
GEC2 67.99 342 P 38 41.00 0.4
0.6s 0.73nm 3.9mb
e 38 43.00
WRA 85.68 212 P 40 20.50 1.1
0.6s 1.40nm 4.4mb
S.D. = 1.1 on 14 of 14 obs.

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* JUN 11, 1994 16h 44m 53.49± 0.47s
61.608 N ±15.5km 168.276 E ± 5.6km
DEPTH = 9.0km (2 depth phases)
4.3mb (7 obs.)
EASTERN SIBERIA, RUSSIA (671)

TTA 16.54 70 eP 48 49.21 2.2
1.2s 10.50nm 3.8mb
pP 48 52.36
IMA 17.15 58 eP 48 55.30 0.6
pP 48 58.61
SVW 17.18 76 (P) 48 55.13 0.2
pP 48 58.15
SDN 17.36 97 (P) 48 58.27 1.1
PWA 19.64 71 eP 49 24.70 -0.3
0.3s 4.60nm 4.2mb
FBA 19.73 61 eP 49 24.98 -1.0
TOA 21.16 68 eP 49 40.50 -0.3
0.9s 30.30nm 4.7mb
KLU 21.48 70 eP 49 43.35 -0.8
BALM 23.25 69 eP 50 02.49 0.8
pP 50 04.82 8km
MAT 31.37 231 eP 51 16.00 -0.3
YKA 34.16 54 P 51 39.50 -0.9
0.9s 1.50nm 3.9mb
RSSD 51.45 67 eP 54 00.36 -0.5
0.9s 5.84nm 4.5mb
MSU 52.21 77 eP 54 07.06 0.3
pP 54 09.98 10km
SRU 52.50 76 eP 54 07.99 -0.9
GSC 52.62 84 eP 54 09.86 0.1
PV09 53.64 75 (P) 54 17.60 0.2
NB2 56.42 347 P 54 36.10 -1.0
0.7s 1.30nm 4.1mb
WMOK 61.44 69 eP 55 11.22 -1.0
0.9s 7.15nm 4.8mb
TAPN 61.90 276 P 55 17.42 1.7
KKN 62.68 278 P 55 21.06 0.3
GKN 62.80 279 P 55 21.82 0.3
DANN 62.92 280 P 55 22.80 0.3
KOLN 63.49 280 P 55 25.78 -0.3
PYUN 63.50 280 P 55 24.82 -1.4
LTX 63.75 77 eP 55 26.50 -1.2
KHC 67.76 342 eP 55 55.00 1.9
S.D. = 1.0 on 26 of 26 obs.

JUN 11, 1994 17h 00m 43.93± 0.45s
51.140 N ± 9.3km 178.628 E ± 5.0km
DEPTH = 33.0km (normal)
4.4mb (17 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS (6)
ML 4.6 (PMR).

ADK 3.02 74 eP 01 30.60 0.1
SMY 3.22 301 eP 01 34.00 0.7
SVW 17.36 45 eP 04 46.34 1.3
0.6s 14.43nm 4.3mb
KDC 17.95 57 eP 04 51.30 -0.9
0.2s 4.60nm 4.3mb
TTA 18.01 39 eP 04 54.05 1.0
1.1s 7.91nm 3.8mb
PMR 20.47 47 eP 05 22.20 1.2
0.3s 1.50nm 3.8mb
IMA 20.51 33 eP 05 21.10 -0.5
0.6s 3.01nm 3.8mb
TOA 21.96 46 eP 05 35.30 -0.9
1.1s 48.90nm 4.8mb
FBA 22.14 39 eP 05 37.90 0.0
0.5s 5.90nm 4.3mb
MAT 32.15 259 eP 07 10.00 -0.4
YKA 36.56 46 P 07 46.80 -1.2
0.6s 2.50nm 4.3mb
GMW 37.47 72 (P) 07 56.25 0.5
e 08 08.26
RMW 38.10 71 (P) 08 01.89 0.8
NEW 40.48 68 eP 08 20.42 -0.4
0.6s 5.22nm 4.5mb
e 08 26.69
e 08 32.11
TPNV 47.38 81 eP 09 17.50 0.7
0.8s 173.91nm 6.1mb X
e 09 27.85
GSC 48.08 83 (P) 09 22.79 0.6
DAU 48.31 74 eP 09 23.87 -0.3
CSP 48.39 84 (P) 09 25.48 0.9
e 09 35.84
ARUT 48.59 78 eP 09 25.68 -0.5
RSSD 50.34 66 (P) 09 39.60 0.0
0.5s 2.81nm 4.5mb
e 09 49.95
LZH 53.89 285 Pc 10 07.00 0.8
1.0s 20.00nm 5.1mb
WMOK 59.51 71 eP 10 45.33 -0.8
0.8s 5.33nm 4.7mb
i 10 56.44
LTX 60.29 79 eP 10 50.98 -0.6
e 11 01.35
MIAR 62.72 68 eP 11 07.40 -0.3
0.9s 6.89nm 4.8mb
KAF 64.97 346 iP 11 21.30 -0.8
0.4s 1.90nm 4.5mb
NUR 66.75 346 iP 11 33.20 -0.2
0.4s 1.80nm 4.5mb
NB2 67.72 353 P 11 38.10 -1.5
0.5s 1.20nm 4.2mb
KHC 79.29 350 eP 12 48.00 0.8
e 13 43.00
WRA 80.74 222 P 12 55.50 0.3
0.6s 1.10nm 4.0mb
S.D. = 0.8 on 29 of 29 obs.

JUN 11, 1994 17h 08m 30.13± 0.24s
1.724 S ± 4.2km 99.785 E ± 4.6km
DEPTH = 41.8km (4 depth phases)
5.1mb (35 obs.)
SOUTHERN SUMATERA, INDONESIA (274)

KGM 5.13 44 iPc 09 49.90 3.4X
0.3s 296.10nm 6.1mb
i 11 11.50
IPM 6.38 11 ePc 10 05.50 1.3
0.6s 49.10nm 5.3mb
SNG 8.88 5 eP 10 41.00 2.1
LEM 9.31 123 iPd 10 46.00 1.0
iS 11 06.50
NST 17.29 1 eP 12 29.70 -0.5
KKM 18.13 65 ePc 12 43.00 2.3
0.7s 75.90nm 4.9mb
BDT 18.86 358 eP 12 48.00 -1.6
TSM 19.04 72 iPd 12 53.00 1.3
CHTO 20.43 358 ePd 13 05.10 -1.6
0.8s 11.35nm 4.3mb
KMI 26.84 6 eP 14 06.00 -3.0X
1.0s 10.00nm 4.4mb
pP 14 14.00 28kmX
GBA 26.89 305 P 14 24.00 14.7X
ODAN 30.83 338 P 14 45.54 0.7
0.6s 54.00nm 5.5mb
TAPN 31.16 339 P 14 48.74 0.9
0.8s 73.00nm 5.5mb
RAMN 31.21 337 P 14 49.52 1.3
JIRN 32.01 337 P 14 55.88 0.5
0.7s 87.00nm 5.7mb
PKI 32.25 336 P 14 57.42 0.0
0.7s 22.00nm 5.1mb
GUN 32.36 337 P 14 59.12 0.8
0.5s 69.00nm 5.8mb
DMN 32.40 335 P 14 58.72 0.1
KKN 32.49 336 P 14 59.56 0.2
0.7s 39.00nm 5.4mb
GKN 32.95 335 P 15 03.54 0.3
KOLN 33.20 333 P 15 06.06 0.5
0.7s 31.00nm 5.3mb
DANN 33.63 334 P 15 09.54 0.2
PYUN 33.76 333 P 15 10.64 0.2
MUN 33.84 154 eP 15 11.00 0.2
NWAO 35.10 154 eP 15 21.80 0.2
WOOL 35.82 147 iPc 15 27.80 0.1
LZH 37.81 5 eP 15 44.00 -0.5
1.5s 32.00nm 5.0mb
WRA 38.32 121 P 15 48.50 -0.4
0.6s 4.70nm 4.5mb
WB2 38.33 121 iPc 15 48.00 -1.0
0.6s 15.40nm 5.0mb
i 16 03.00 59kmX
eS 21 34.50
ASPA 39.59 126 P 15 59.70 0.2
BJI 44.19 18 eP 16 37.00 0.2
1.0s 7.00nm 4.4mb
KUMJ 44.98 38 eP 16 43.90 0.6
TKSJ 47.95 39 P 17 07.00 0.3
YONJ 48.38 37 P 17 09.70 -0.4
CTA 48.91 115 P 17 14.69 0.3
WKYJ 49.08 40 P 17 15.90 0.4
STKA 49.49 132 eP 17 18.60 -0.1
0.6s 7.20nm 4.9mb
TSRJ 50.16 39 P 17 23.60 -0.1
IIDJ 51.36 40 eP 17 32.20 -0.7
MTMJ 51.97 39 P 17 37.20 -0.4
ZAK 51.99 3 iPc 17 36.90 -0.4
1.0s 19.00nm 5.0mb
e 18 43.00 311kmX
MAT 52.20 39 iPc 17 38.00 -1.2
0.8s 16.42nm 5.1mb
CHJJ 52.40 40 P 17 39.40 -1.3
NIIJ 53.13 39 P 17 44.80 -1.2
KAKJ 53.26 41 eP 17 44.80 -2.2
IRK 53.93 3 eP 17 51.80 0.1
1.2s 22.00nm 5.1mb
YAMJ 54.35 39 P 17 54.70 -0.3
OFUJ 55.91 39 P 18 05.60 -0.7
AOMJ 56.02 37 P 18 07.30 0.3
MRRJ 57.59 35 eP 18 18.10 0.0
ASAJ 59.53 35 eP 18 31.60 -0.1
BRVK 59.92 340 iPc 18 33.00 -1.2
1.0s 14.00nm 5.0mb
YSS 61.38 32 iP 18 43.70 -0.5
0.7s 50.00nm 5.8mb
SVE 66.34 338 iPc 19 16.00 -0.5
1.2s 40.00nm 5.4mb
e 19 29.00 45km
e 19 44.00
YAK 67.53 15 iPd 19 22.70 -1.3
1.5s 248.00nm 6.1mb
PET 73.24 33 eP 19 59.00 0.3
KSR 73.86 244 eP 20 15.00 11.8X
BOSA 75.46 241 eP 20 27.30 15.2X
MOS 76.15 329 eP 20 14.00 -1.4
OBN 76.43 328 iPc 20 16.50 -0.5
1.1s 31.00nm 5.2mb
e 20 30.00 47km
MLR 79.95 317 eP 20 36.00 -0.7
VAY 81.55 312 eP 20 43.30 -1.7
LVZ 82.45 340 eP 20 49.10 -0.2
SKO 82.49 313 eP 20 48.50 -1.4
KAF 83.84 333 iP 20 57.00 0.6
0.5s 15.20nm 5.3mb
NUR 84.21 331 iP 20 58.60 0.4
0.4s 8.00nm 5.2mb
PRU 88.24 320 eP 21 19.30 1.0
BRG 88.69 321 eP 21 21.70 1.3
0.9s 9.00nm 5.1mb
GEC2 88.70 319 P 21 20.70 0.0
0.7s 2.44nm 4.6mb
PcP 21 33.30
KHC 88.80 319 eP 21 21.50 0.4
0.8s 5.00nm 4.9mb
e 21 48.00 99kmX
CLL 89.31 321 eP 21 24.00 0.6
MOX 90.16 320 eP 21 28.00 0.6
e 21 39.90 38km
GRF 90.37 320 iPc 21 29.40 1.0
1.0s 12.40nm 5.2mb
e(pP) 21 41.00 37km
e(sP) 21 46.30
NB2 90.80 331 P 21 30.00 -0.1
0.7s 1.50nm 4.5mb
OSS 91.00 316 P 21 32.40 0.9
TMA 91.86 316 P 21 35.06 -0.5
DIX 92.88 316 P 21 41.22 0.9
CDF 92.95 318 eP 21 40.40 0.0

11d 17h

LPG 93.35 315 eP 21 42.80 0.3
0.7s 3.00nm 4.8mb
LPL 93.36 315 eP 21 42.80 0.3
0.6s 2.45nm 4.8mb
TCF 96.48 316 eP 22 05.70 9.1X
1.3s 11.90nm 5.2mb
DUG 131.62 34 ePKP 27 41.42 0.7
DAU 132.32 32 ePKP 27 42.26 0.0
RSSD 132.79 23 ePKP 27 42.80 -0.1
PV08 135.03 32 (PKP) 27 48.09 0.6
ALQ 138.90 34 ePKP 27 47.43 -7.3X
WMOK 142.87 26 ePKP 27 56.72 -4.8X
LTX 144.61 37 iPKPc 28 03.75 -1.0
MIAR 145.05 19 iPKPc 28 04.72 -0.4
CEH 145.99 358 ePKP 28 06.01 -0.7
LHS 147.41 1 ePKP 28 09.45 0.4
ePKPbc28 11.02
JSC 147.60 2 ePKP 28 08.89 -0.4
PRM 147.75 3 ePKP 28 10.28 0.7
iPKPbc28 12.26
S.D. = 0.8 on 85 of 93 obs.

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* JUN 11, 1994 17h 30m 30.58± 1.05s
66.484 N ± 7.9km 13.360 E ±11.3km
DEPTH = 5.0km (geophysicist)
NORTHERN NORWAY (646)
MD 2.8 (BER).

MOR8 0.54 125 iPc 30 42.95 1.6
0.1s 271.70nm
eS 30 51.70
LOF 1.66 2 eP 31 00.77 0.4
NSS 2.05 197 eP 31 06.94 0.9
eS 31 32.55
ARA0 5.49 51 Pn 31 55.19 0.2
Sn 32 57.99
Lg 33 24.77
NRA0 5.83 189 Pn 31 58.81 -0.9
Sn 33 08.17
Lg 33 34.34
FIA0 7.53 126 Pn 32 22.00 -1.6
Sn 33 45.27
Lg 34 27.02
APA0 7.75 73 Pn 32 26.01 -0.6
Sn 33 50.55
Lg 34 36.38
S.D. = 1.4 on 7 of 7 obs.

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* JUN 11, 1994 18h 01m 53.28± 1.43s
35.596 N ±21.2km 27.633 E ± 8.5km
DEPTH = 33.0km (normal)
3.6mb (2 obs.)
DODECANESE ISLANDS (369)
MD 3.9 (ATH).

KSL 1.67 71 ePn 02 23.00 2.4
NPS 1.68 259 ePn 02 20.50 -0.3
ELL 2.17 57 eP 02 28.00 0.1
VAM 2.81 267 ePn 02 36.60 -0.2
BCK 3.02 51 eP 02 37.00 -3.0
VLI 3.96 288 ePn 02 53.60 0.3
GEC2 16.75 326 P 05 48.00 1.1
1.2s 1.69nm 3.1mb X
e 05 57.00
KHC 17.01 327 ePKP 05 51.00 0.8
1.0s 3.50nm 3.4mb
Z 18s 0.60um 3.6Msz
N 18s 0.30um
E 18s 0.50um
e 05 57.00
CDF 19.74 317 eP 06 23.30 0.1
SSF 21.35 310 eP 06 38.30 -1.3
0.7s 3.10nm 3.8mb
S.D. = 1.6 on 10 of 10 obs.

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* JUN 11, 1994 19h 04m 03.23± 0.66s
47.299 N ±17.5km 27.468 W ± 5.5km
DEPTH = 10.0km (geophysicist)
4.6mb (27 obs.) 3.9Msz (3 obs.)
NORTHERN MID-ATLANTIC RIDGE (403)

EKA 17.12 53 P 08 03.00 -0.9
1.2s 11.80nm 3.9mb
LPF 17.79 78 eP 08 13.60 1.3
1.2s 30.95nm 4.3mb
GRR 17.87 77 eP 08 13.20 -0.1
1.6s 42.90nm 4.3mb
FLN 18.08 75 eP 08 16.80 0.9
1.2s 33.30nm 4.4mb
Z 21s 1.00um 4.0Msz
LDF 18.33 76 eP 08 19.50 0.5
PAB 18.45 106 eP 08 16.80 -3.8X
eS 11 41.00
MFF 18.64 82 eP 08 21.60 -1.1
LFF 19.65 86 eP 08 33.00 -2.0
LSF 19.84 82 eP 08 38.90 2.0
1.5s 40.75nm 4.5mb
LPO 20.03 87 eP 08 38.80 -0.2
RJF 20.08 85 eP 08 34.60 -4.8X
Z 22s 0.65um 3.9Msz
TCF 20.29 82 eP 08 40.50 -1.2
1.5s 41.80nm 4.6mb
MAF 20.55 82 eP 08 43.10 -1.3
1.3s 26.35nm 4.4mb
CAF 20.56 86 eP 08 40.80 -3.7X
1.6s 38.55nm 4.5mb
BGF 20.66 81 eP 08 43.90 -1.6
AVF 20.95 80 eP 08 47.20 -1.2
1.1s 24.40nm 4.5mb
SSF 20.99 79 eP 08 47.90 -1.0
1.1s 31.25nm 4.6mb
LOR 21.18 78 eP 08 49.70 -1.2
1.1s 22.95nm 4.5mb
Z 17s 0.38um 3.8MszX
SMF 21.31 80 eP 08 50.20 -1.9
1.4s 60.55nm 4.8mb
LBF 21.32 79 eP 08 51.30 -1.0
1.4s 47.05nm 4.7mb
ENN 22.06 69 eP 09 04.00 4.5X
1.3s 43.50nm 4.7mb
MEM 22.12 69 iPc 09 00.77 0.6
WTS 22.55 65 eP 09 16.00 11.6X
1.0s 17.90nm
HAU 22.69 76 eP 09 07.50 1.6
1.1s 19.80nm 4.5mb
Z 20s 0.43um 3.9Msz
BSF 23.02 76 eP 09 10.50 1.3
1.1s 43.95nm 4.9mb
ECH 23.18 75 P 09 12.74 2.0
CDF 23.23 74 eP 09 12.70 1.5
1.6s 41.05nm 4.7mb
MOF 23.24 76 P 09 13.24 1.9
WLS 23.28 74 P 09 13.97 2.3
GRF 25.56 70 eP 09 36.70 3.1X
Z 22s 0.60um 4.1MszX
MOX 25.67 68 eP 09 40.50 5.9X
1.9s 31.00nm 4.7mb
Z 19s 0.30um 3.8Msz
CLL 26.45 66 e(P) 09 48.00 6.2X
BRG 27.10 67 eP 09 54.20 6.5X
1.6s 20.00nm 4.6mb
KHC 27.18 71 eP 09 58.50 10.0X
e 10 22.50
PRU 27.63 69 eP 09 57.00 4.5X
KAF 33.31 44 eP 10 41.50 -1.2
0.6s 3.20nm 4.4mb
OBN 39.59 54 ePc 11 42.00 6.0X
1.6s 40.00nm 4.8mb
YKA 48.34 322 P 12 46.00 -0.4
1.1s 2.60nm 4.2mb
SVE 51.37 45 eP 13 15.00 5.4X
RSSD 51.53 297 (P) 13 11.67 0.4
NEW 56.78 307 eP 13 49.19 -0.5
1.3s 19.33nm 5.0mb
e 13 54.74
PV10 57.90 293 eP 13 58.24 0.3
e 14 05.41
BRVK 58.08 45 eP 13 57.00 -1.6
1.2s 5.00nm 4.4mb
IMA 59.68 338 eP 14 09.00 -0.8
1.0s 5.20nm 4.6mb
ASH 60.80 65 eP 14 19.00 1.4
BMW 61.16 308 eP 14 19.67 -0.4
e 14 25.31
PMR 61.80 332 eP 14 29.60 5.6X
0.8s 6.90nm 4.9mb
KVN 63.01 299 eP 14 32.68 0.0
ILT 63.10 348 eP 14 37.00 4.4X
BONR 63.84 298 eP 14 38.22 -0.1
e 14 44.67
GSC 64.66 295 eP 14 44.52 1.1
BAO 65.30 202 eP 14 47.10 -0.4
ZAK 73.84 30 eP 15 40.00 0.7
1.6s 17.00nm 4.8mb
S.D. = 1.3 on 38 of 53 obs.

& JUN 11, 1994 19h 28m 52.45s
30.031 N 114.506 W
DEPTH = 1.1km
GULF OF CALIFORNIA (49)
<ECX-P>. MD 4.2 (ECX). ML 4.0
(GS).

SGL 2.81 339 P 29 46.74 7.4
COA 2.87 350 P 29 55.16 14.9
YUH 2.88 335 P 29 46.02 5.7
IKP 2.95 333 P 29 47.02 5.6
BAR 3.23 326 P 29 53.65 8.4
JULC 3.50 330 P 29 56.52 7.2
CPE 3.60 323 P 30 01.54 11.0
CO2 3.87 350 P 30 05.25 10.8
PLM 3.87 329 (P) 30 00.76 6.1
TUC 3.92 54 (Pn) 29 55.25 0.1
OLYC 4.05 327 P 30 04.53 7.5
PEC 4.46 330 ePn 30 07.74 4.9
CSP 4.89 331 (Pn) 30 13.30 4.2
SSK 4.97 328 ePn 30 14.62 4.5
GSC 5.60 340 ePn 30 22.29 3.2
ISA 6.53 330 (Pn) 30 34.32 2.1
BCH 6.97 319 (Pn) 30 39.38 1.1
TPNV 7.05 349 ePn 30 39.63 0.1
TNP 8.34 345 (P) 30 59.14 1.5
MEMM 8.46 335 (Pn) 31 02.22 3.2
BONR 8.51 339 (P) 31 02.89 2.8
MSU 8.68 12 (Pn) 30 58.73 -3.6
SRU 9.63 19 (Pn) 31 16.22 0.7
RMW 18.29 344 (P) 33 11.61 2.4
24 obs. associated

? JUN 11, 1994 19h 50m 50.27± 1.07s
10.438 N ± 9.3km 125.112 E ±14.3km
DEPTH = 33.0km (normal)
LEYTE, PHILIPPINE ISLANDS (256)

PLP 0.73 350 iPd 51 04.00 -0.2
iS 51 15.00
MAP 1.12 264 iPc 51 10.00 0.3
iS 51 25.00
CGP 2.01 192 eP 51 22.00 -0.6
BIP 2.47 153 ePd 51 29.50 0.4
iS 51 59.00
S.D. = 0.8 on 4 of 4 obs.

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* JUN 11, 1994 20h 19m 17.16± 0.48s
10.760 S ±10.0km 112.568 E ±13.0km
DEPTH = 31.0km (2 depth phases)
4.9mb (5 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.26 308 ePd 20 51.20 1.2
eS 22 02.70
MBL 12.47 147 eP 22 13.50 -2.0
iS 24 23.00
MEEK 16.79 161 eP 23 12.50 0.8
eS 26 09.00
IPM 19.09 322 ePc 23 40.10 0.0
WARB 20.31 141 eP 23 57.00 3.6X
eS 27 34.00
PPR 21.30 17 ePd 24 04.00 0.4
WB2 22.88 116 eP 24 21.50 2.1
1.1s 10.80nm 4.3mb
i 24 33.10 46kmX
ASPA 24.04 125 iPc 24 34.30 3.7X
1.1s 21.80nm 4.6mb
ipP 24 48.90 62kmX
eS 29 03.20
NST 29.01 335 eP 25 16.20 -0.3
LOE 29.96 339 eP 25 33.00 7.8X
STKA 34.06 133 eP 26 04.20 3.3X
0.8s 14.90nm 5.0mb
KMI 36.93 345 eP 26 26.00 0.4
1.2s 30.00nm 5.0mb
pP 26 36.00 34km
sP 26 40.60
SSE 42.43 11 eP 27 15.40 4.6X
ODAN 44.68 327 P 27 29.43 0.0
TAPN 44.90 328 P 27 31.95 0.6
JIRN 45.96 327 P 27 39.79 0.1
PKI 46.31 326 P 27 42.07 -0.4
GUN 46.32 327 P 27 42.77 0.2
DMN 46.51 326 P 27 43.79 -0.2

KKN 46.55 326 P 27 43.91 -0.4
GKN 47.07 326 P 27 47.81 -0.5
LZH 47.31 350 Pd 27 50.00 -0.1
1.6s 35.00nm 5.1mb
Z 16s 0.34um 4.4MszX
N 12s 0.26um
pP 27 58.50 28km
DANN 47.83 325 P 27 54.07 -0.4
PYUN 48.08 324 P 27 51.35 -5.0X
BJI 50.65 4 eP 28 14.00 -1.5
Z 16s 0.29um 4.4MszX
MAT 52.88 26 (P) 28 29.00 -3.5X
S.D. = 0.9 on 19 of 26 obs.

? JUN 11, 1994 20h 28m 18.64± 0.67s
9.446 N ± 9.9km 142.144 E ±14.1km
DEPTH = 33.0km (normal)
5.2mb (3 obs.)
E. CAROLINE ISLANDS, MICRONESIA (614)

GUA 4.89 33 eP 29 32.20 0.4
0.4s 176.27nm
eS 30 23.80
GUMO 4.91 33 eP 29 32.30 0.3
0.6s 128.90nm
eS 30 23.80
PJG 4.91 33 eP 29 32.30 0.2
PPR 23.09 273 ePc 33 23.50 0.9
CHJJ 26.64 354 eP 33 55.00 -1.2
KAKJ 26.70 356 eP 34 02.80 6.1X
MAT 27.21 353 eP 34 06.00 4.6X
MTMJ 27.30 352 eP 34 10.20 7.8X
NIIJ 27.82 355 eP 34 06.60 -0.3
WB2 30.19 195 iPd 34 28.00 -0.4
0.5s 14.70nm 5.0mb
ASPA 33.88 194 iPc 35 00.80 0.1
0.4s 15.20nm 5.3mb
ODAN 54.41 296 P 37 53.49 8.0X
JIRN 55.58 297 P 38 02.97 8.8X
GUN 55.89 297 P 38 05.01 8.7X
KKN 56.40 297 P 38 07.67 7.8X
DMN 56.53 297 P 38 10.07 9.3X
GKN 56.99 297 P 38 12.41 8.4X
DANN 57.80 297 P 38 17.37 7.5X
KOLN 57.87 297 P 38 19.45 9.2X
PYUN 58.45 297 P 38 22.99 8.7X
0.9s 24.00nm 5.3mb
YKA 87.74 27 P 41 17.00 11.8X
0.6s 1.70nm
S.D. = 0.7 on 8 of 21 obs.

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* JUN 11, 1994 21h 59m 22.45± 0.46s
10.624 S ±10.3km 112.677 E ±19.8km
DEPTH = 33.0km (normal)
5.1mb (9 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.26 307 iPd 00 58.50 3.3X
iS 02 03.00
MBL 12.53 148 eP 02 21.00 -0.3
iS 04 31.00
MEEK 16.89 161 eP 03 19.70 1.7
eS 06 17.00
MTN 18.20 99 eP 03 40.00 5.6X
eS 06 55.00
MRWA 18.76 171 eP 03 40.00 -1.2
eS 07 01.00
WARB 20.34 141 eP 04 04.30 5.4X
eS 07 44.00
MUN 21.50 172 eP 04 16.00 5.4X
WOOL 22.03 159 eP 04 21.10 5.3X
eS 08 14.80
WB2 22.84 116 eP 04 29.10 5.0X
0.9s 10.40nm 4.3mb
ASPA 24.03 125 iPd 04 41.40 5.8X
0.8s 35.80nm 5.0mb
STKA 34.07 133 iPd 06 11.50 5.5X
1.0s 29.00nm 5.2mb
KMI 36.83 345 eP 06 31.40 1.7
1.0s 10.00nm 4.6mb
pP 06 40.00 29kmX
ODAN 44.62 327 P 07 33.98 0.0
TAPN 44.85 328 P 07 36.38 0.5
JIRN 45.90 327 P 07 44.58 0.2
PKI 46.26 326 P 07 46.34 -0.8
GUN 46.27 326 P 07 47.18 0.0
0.5s 23.00nm 5.4mb
DMN 46.46 325 P 07 48.32 -0.3
KKN 46.50 326 P 07 48.90 0.0
GKN 47.02 325 P 07 52.74 -0.2
0.3s 10.00nm 5.3mb
LZH 47.20 350 eP 07 55.00 0.8
1.5s 27.00nm 5.0mb
KOLN 47.43 324 P 07 56.12 -0.1
0.4s 16.00nm 5.3mb
DANN 47.78 325 P 07 58.00 -1.1
0.5s 18.00nm 5.3mb
PYUN 48.03 324 P 08 01.28 0.3
MAT 52.71 26 (P) 08 35.00 -1.2
BAO 147.64 217 ePKP 19 10.90 7.5X
S.D. = 0.9 on 17 of 26 obs.

JUN 11, 1994 22h 46m 59.85± 0.97s
39.948 N ± 7.5km 23.818 E ± 7.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PAIG 0.11 259 iPg 47 02.93 0.3
eSg 47 05.72
OUR 0.41 18 iPg 47 07.40 -0.7
eSg 47 13.04
SOH 0.94 338 ePg 47 17.34 -0.5
eSg 47 29.96
THE 0.94 317 ePg 47 18.36 0.5
eSg 47 30.00
LIT 1.03 279 ePg 47 19.76 0.4
iSg 47 33.44
SRS 1.18 352 ePb 47 21.44 -0.4
eSb 47 36.24
KNT 1.40 330 ePb 47 25.16 -0.3
eSb 47 43.80
AGG 1.48 232 ePb 47 25.40 -1.1
eSb 47 44.24
GRG 1.48 313 ePb 47 27.40 0.9
eSb 47 45.84
VAY 1.67 326 ePn 47 33.50 4.3X
ALN 1.95 60 ePb 47 34.24 1.0
S.D. = 0.8 on 10 of 11 obs.

? JUN 11, 1994 23h 00m 01.35± 2.14s
35.591 S ±14.0km 178.290 E ±21.7km
DEPTH = 10.0km (geophysicist)
4.0mb (3 obs.)
OFF E. COAST OF N. ISLAND, N.Z. (160)
ML 4.7 (WEL).

KUZ 2.38 240 P 00 40.80 -0.2
eS 01 06.80
PUZ 2.48 181 P 00 42.60 0.2
eS 01 15.20
WCZ 3.23 263 eP 00 52.90 -0.1
MOZ 4.03 223 P 01 05.00 0.6
WAHZ 4.38 200 P 01 08.80 -0.6
ASPA 40.07 275 eP 07 39.40 0.8
1.1s 5.80nm 4.2mb
WB2 41.53 280 eP 07 48.60 -2.0
0.6s 2.10nm 4.0mb
e 08 00.20
WRA 41.54 280 P 07 52.00 1.3
0.9s 1.10nm 3.6mb
S.D. = 1.2 on 8 of 8 obs.

JUN 11, 1994 23h 23m 28.50± 0.34s
43.490 N ± 3.7km 19.206 E ± 3.8km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 4.1 (TRI), 3.7 (ATH), 3.6
(TTG). ML 3.7 (ROM), 3.5 (TIR).

PLE 0.21 139 iPgc 23 33.21 0.1
iSg 23 37.21
NKY 0.69 193 iPgd 23 40.53 -1.8
iSg 23 49.89
BRY 0.76 220 iPgd 23 41.30 -2.2
iSg 23 51.85
IVA 0.80 140 iPgc 23 43.44 -0.6
iSg 23 55.23
PVY 1.06 148 iPgc 23 47.77 -0.7
iSg 24 03.32
TTG 1.06 178 iPgd 23 46.82 -1.6
iSg 24 02.42
HCY 1.16 207 iPgc 23 48.66 -1.6
iSg 24 05.03
BDV 1.24 193 iPgd 23 50.29 -1.2
iSg 24 07.63
SDA 1.45 171 iPnc 23 55.50 0.7
iSn 24 13.80
ULC 1.53 179 iPgd 23 55.44 -0.4
iSg 24 16.76
BEO 1.61 34 iPn 23 55.90 -1.1
0.4s 0.90nm
iSg 24 20.40
LACI 1.89 168 ePn 24 03.00 1.9
iSn 24 30.00
PHP 2.02 153 iPnd 24 05.10 2.1
iSg 24 30.10
HVAR 2.04 262 iPnc 24 04.50 1.3
iSn 24 31.70
TIR 2.20 167 ePn 24 08.00 2.5
iSn 24 38.50
SKO 2.24 132 iPn 24 09.00 2.8
BRT 3.00 210 P 24 16.62 -0.4
VLO 3.03 176 ePn 24 22.00 4.7X
KBN 3.10 157 ePn 24 24.00 5.6X
FNA 3.15 148 ePn 24 19.52 0.4
eSn 24 57.68
GZR 3.19 52 iPd 24 20.00 0.3
ZAG 3.27 317 ePn 24 20.00 -0.9
LCI 3.29 197 P 24 19.82 -1.2
VAY 3.30 130 iPn 24 21.60 0.4
PTJ 3.34 317 iPn 24 22.00 0.1
iSn 25 13.40
GRG 3.47 136 ePn 24 23.32 -0.3
iSn 25 05.48
LSK 3.50 162 ePn 24 28.00 3.9X
KNT 3.59 129 ePn 24 24.97 -0.4
eSn 25 06.00
SRN 3.66 170 ePn 24 30.00 3.7X
KZN 3.71 148 ePn 24 30.00 2.8
KEK 3.80 173 ePn 24 31.50 3.1X
eSn 25 12.00
DUI 3.95 244 P 24 32.95 2.4
THE 4.00 134 ePn 24 30.56 -0.5
SRS 4.02 125 ePn 24 31.72 0.2
IGT 4.04 168 ePn 24 33.00 1.2
eSn 25 20.00
SOH 4.08 129 ePn 24 30.76 -1.5
LIT 4.18 143 ePn 24 33.68 -0.1
LJU 4.19 309 ePn 24 34.30 0.4
e 24 47.00
eSn 25 41.00
e 25 47.50
MGR 4.32 220 P 24 35.90 0.2
SRO 4.37 352 ePn 24 31.00 -5.4X
AQU 4.41 257 P 24 38.59 1.5
RFI 4.44 242 P 24 39.40 2.0
TRI 4.48 302 e(Pn) 24 40.50 2.6
e(Pg) 24 56.10
e(Sn) 25 32.50
i 25 50.20
i(Sg) 25 59.50
i(SgSg26 02.30
CMP 4.54 65 ePd 24 56.00 17.1X
ARV 4.56 272 P 24 41.43 2.3
VOY 4.56 306 ePn 24 39.80 0.6
i 25 20.80
eSn 25 31.70
i 25 49.00
OUR 4.76 130 ePn 24 40.92 -1.0
ASS 4.80 267 P 24 43.66 1.1
PAIG 4.89 135 iPn 24 43.02 -0.7
MNS 4.92 259 P 24 44.75 0.5
ZST 4.93 343 e(P) 24 44.00 -0.3
AGG 5.05 151 ePn 24 45.12 -0.9
iSn 25 44.80
GRI 5.12 205 P 24 45.68 -1.4
MLR 5.22 65 eP 24 56.00 7.4X
CRE 5.27 274 P 24 51.40 2.1
KBA 5.47 313 iPnd 24 52.10 -0.2
i 25 11.90
iSn 25 52.60
iSg 26 22.90
FVI 5.51 307 P 24 52.88 0.4
SOI 5.92 205 P 24 56.43 -1.8
CTI 5.96 298 P 24 57.93 -1.0
PII 6.31 275 P 25 04.53 0.7
WTTA 6.53 308 iPnc 25 08.40 1.3
iSn 26 20.50
GEC2 6.58 326 Pn 25 07.30 -0.4
0.4s 1.31nm 4.2mb X
WATA 6.60 308 iPnd 25 09.70 1.6

11d 23h

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              iSn   26 20.10
SQTA    6.76 306 iPnd  25 10.70   0.5
              iSn   26 24.30
KHC     6.86 327 Pn    25 11.40  -0.1
              e     25 29.00
              e     26 29.00
              e     27 05.50
MOTA    6.88 307 iPnd  25 12.10   0.1
              i     26 30.90
PRU     7.25 335 ePg   25 44.70  27.8X
              eSg   26 57.50
SBF     8.54 277 eP    25 34.30  -0.9
    0.7s    16.00nm          5.4mb X
FRF     9.13 275 eP    25 40.00  -3.2X
LPG     9.13 287 eP    25 43.00  -0.5
LPL     9.14 287 eP    25 42.80  -0.8
CDF     9.65 305 eP    25 49.20  -1.3
BSF     9.71 301 eP    25 49.00  -2.4
HAU    10.06 301 eP    25 54.70  -1.3
LBF    11.29 293 eP    26 11.70  -1.2
SMF    11.32 292 eP    26 10.30  -2.9X
LOR    11.44 295 eP    26 12.90  -1.9
SSF    11.62 293 eP    26 15.20  -2.2
    S.D. = 1.4  on  67 of  78 obs.
-------------------------------------
   JUN  11, 1994  23h 58m 16.62± 0.49s
   40.716 N ± 4.4km   23.199 E ± 4.3km
   DEPTH =  10.0km  (geophysicist)
 GREECE                        (364)
     ML 2.1 (SKO).

SOH     0.16  48 iPg   58 20.61   0.3
              eSg   58 23.24
THE     0.20 245 iPg   58 20.85  -0.1
              iSg   58 23.57
SRS     0.50  37 iPg   58 26.50  -0.2
              eSg   58 33.16
KNT     0.50 333 ePg   58 25.92  -0.8
              eSg   58 32.56
GRG     0.65 292 iPg   58 29.10  -0.5
              eSg   58 38.20
OUR     0.71 122 iPg   58 30.46  -0.1
              eSg   58 41.00
VAY     0.77 322 iPg   58 31.40  -0.2
    0.2s    70.00nm
              iSg   58 42.00
LIT     0.82 222 iPg   58 32.38  -0.1
              eSg   58 45.20
PAIG    0.87 155 ePg   58 33.28  -0.1
              eSg   58 46.08
FNA     1.39 273 ePb   58 42.24   0.2
SKO     1.82 314 ePn   58 50.00   1.7
    S.D. = 0.7  on  11 of  11 obs.
-------------------------------------
*  JUN  12, 1994  00h 46m 40.88± 0.72s
    1.332 S ±11.2km   97.579 E ±11.2km
   DEPTH =  33.0km  (normal)
   4.5mb (  7 obs.)
 SOUTHWEST OF SUMATERA, INDONESIA(273)

KGM     6.63  60 ePc   48 18.10  -0.5
CHTO   20.06   4 eP    51 14.10  -0.3
PKI    31.03 339 P     52 57.47  -0.9
GKN    31.71 338 P     53 03.97  -0.1
KOLN   31.90 336 P     53 05.91   0.0
    0.7s    18.00nm          5.1mb
DANN   32.35 337 P     53 09.95   0.0
PYUN   32.44 335 P     53 11.19   0.6
    0.9s    18.00nm          5.0mb
WRA    40.42 120 P     54 18.40   0.4
    0.6s     1.90nm          4.0mb
WB2    40.43 120 eP    54 17.90  -0.2
    0.5s     5.00nm          4.5mb
ASPA   41.60 125 eP    54 27.60  -0.1
    1.3s     6.90nm          4.2mb
BJI    44.55  20 eP    54 53.00   1.6
    1.0s     6.00nm          4.4mb
WWKK   46.05  94 ePc   55 12.70   8.9X
KAF    82.50 333 iP    59 00.90  -0.4
    0.5s     2.00nm          4.4mb
    S.D. = 0.7  on  12 of  13 obs.
-------------------------------------
   JUN  12, 1994  01h 22m 38.58± 0.37s
   39.500 N ± 3.9km   28.339 E ± 2.9km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                        (366)
    ML 3.7 (ISK). MD 3.7 (ATH).
```

```
DST     0.25  65 iPg   22 44.50   0.6
KCT     0.75   1 iPg   22 53.30   0.1
BNT     0.91 339 iPg   22 56.40   0.3
              eSg   23 08.00
EDC     0.92 337 iPg   22 56.00  -0.2
              iSg   23 08.00
IZI     1.21  46 iPg   23 01.30   0.2
              iSg   23 17.30
YLV     1.33  36 iPn   23 03.50   0.4
IZM     1.38 218 ePn   23 03.80  -0.2
KHL     1.49 141 iPn   23 05.80   0.3
MFT     1.52 328 iPn   23 05.80  -0.1
EZN     1.59 282 iPn   23 06.80   0.0
PRK     1.62 262 ePg   23 08.00   0.7
              eSn   23 29.50
CTT     1.65   2 iPn   23 07.60   0.0
ISK     1.66  19 iPn   23 07.80   0.0
HRT     1.67  37 iPn   23 07.40  -0.6
GPA     1.71  62 iPn   23 08.00  -0.6
EYL     1.76  52 ePn   23 09.00  -0.3
ALN     2.24 309 ePn   23 16.82   0.5
              eSn   23 47.46
DMK     2.36 349 iPn   23 17.50  -0.5
BCK     2.70 138 ePn   23 23.00   0.2
RDO     2.70 308 ePn   23 25.00   2.2
              eSn   24 05.00
OUR     3.45 285 ePn   23 32.62  -0.8
PAIG    3.62 278 ePn   23 34.86  -1.0
              eSn   24 18.82
SRS     3.97 296 ePn   23 40.74  -0.1
              eSn   24 28.62
SOH     4.04 291 ePn   23 41.70  -0.2
              eSn   24 29.90
THE     4.28 287 ePn   23 43.86  -1.3
              eSn   24 35.62
KNT     4.48 293 ePn   23 47.58  -0.4
LIT     4.55 279 iPn   23 48.50  -0.5
VAY     4.76 294 iPn   23 52.50   0.4
GRG     4.77 290 ePn   23 51.82  -0.5
              eSn   24 46.62
SKO     5.79 297 ePn   24 09.00   2.4
MLR     6.24 344 ePd   24 12.00  -1.1
    S.D. = 0.8  on  31 of  31 obs.
-------------------------------------
%  JUN  12, 1994  01h 28m 20.45± 1.17s
   39.669 N ±21.0km   28.541 E ±25.7km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                        (366)
     ML 2.7 (ISK).

DST     0.09 133 iPg   28 23.20   0.1
              eSg   28 26.70
KCT     0.60 346 ePn   28 32.30  -0.2
BNT     0.84 325 ePn   28 37.40   0.8
EDC     0.85 323 ePn   28 37.00   0.1
MFT     1.47 320 ePn   28 46.30  -0.8
    S.D. = 0.8  on   5 of   5 obs.
-------------------------------------
%  JUN  12, 1994  01h 29m 20.00± 3.61s
   39.558 N ±31.2km   28.343 E ±12.8km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                        (366)
     ML 2.7 (ISK).

DST     0.22  78 iPg   29 24.50  -0.4
              iSg   29 28.20
BNT     0.86 338 iPg   29 36.40  -0.2
              eSg   29 47.40
EDC     0.87 335 iPg   29 36.00  -0.7
              iSg   29 48.00
YLV     1.28  38 ePn   29 44.30   0.5
MFT     1.47 327 ePn   29 47.30   0.7
    S.D. = 0.8  on   5 of   5 obs.
-------------------------------------
?  JUN  12, 1994  01h 35m 21.40± 0.27s
   10.458 S ± 5.4km  112.826 E ± 5.6km
   DEPTH =  33.0km  (normal)
   5.2mb ( 25 obs.)  4.5Msz (  4 obs.)
 SOUTH OF JAWA, INDONESIA      (282)
     Mw 5.1 (HRV).
     CENTROID, MOMENT TENSOR     (HRV)
     Data Used: GDSN
     L.P.B.: 18S, 26C
     Centroid Location:
     Origin Time       01:35:23.1 1.2
     Lat 10.91S 0.10 Lon 113.19E 0.10
     Dep  15.0 BDY Half-duration  2.1
```

```
     Moment Tensor;    Scale 10**16 Nm
       Mrr=-5.53 0.47  Mtt= 3.93 0.29
       Mff= 1.61 0.69  Mrt=-0.63 1.82
       Mrf= 3.75 1.29  Mtf= 0.25 0.42
      Principal Axes:
       T  Val=  3.97   Plg= 3  Azm=179
       N        3.21       23      270
       P       -7.18       67       81
     Best Double Couple:Mo=5.6*10**16
      NP1:Strike=246 Dip=47 Slip=-123
      NP2:       109     52        -60

LEM     6.29 305 iPc   36 53.50  -0.9
              iS    38 50.00
NANU   12.31 168 eP    38 07.00 -10.3X
MBL    12.59 149 iPd   38 10.00 -11.1X
              iS    40 15.00
KKM    16.74  12 eP    39 17.50   2.3
MEEK   17.00 162 eP    39 10.20  -8.1X
              eS    42 03.00
MTN    18.08  99 eP    39 32.00   0.1
MRWA   18.90 171 iPc   39 34.00  -7.8X
              eS    42 47.00
IPM    19.01 321 ePc   39 41.00  -2.2
    0.6s    38.40nm          4.8mb
BAL    20.37 170 eP    39 53.50  -4.5X
              eS    43 24.00
WARB   20.38 142 eP    39 55.50  -2.7
    0.4s    27.00nm          5.0mb
              eS    43 25.00
SWI    20.65  64 ePd   40 01.00   0.0
SNG    21.32 325 eP    40 09.00   1.1
KLB    21.52 168 eP    40 09.00  -0.8
              eS    44 50.00
DAV    21.56  37 ePc   40 12.20   1.9
MUN    21.64 172 iPc   40 10.90  -0.1
              eS    43 54.00
COOL   21.74 160 eP    40 08.00  -4.0X
              eS    43 53.00
WOOL   22.13 159 eP    40 09.80  -6.0X
              i     40 15.20
              iS    44 01.20
NWAO   22.73 170 eP    40 25.00   3.3X
   Z  20s     1.20um         4.3Msz
WRA    22.78 117 P     40 21.20  -1.2
    0.9s    35.80nm          4.9mb
WB2    22.79 117 eP    40 20.60  -1.9
    0.5s    90.60nm          5.5mb
              i     40 23.80
              iS    44 25.50
ASPA   24.01 126 iPd   40 33.10  -1.2
    0.5s    83.60nm          5.5mb
              i     40 46.20
              iS    44 53.50
              iScP  46 36.70
PLP    24.65  30 ePd   40 41.90   1.4
NNT    26.33 330 eP    40 59.40   3.1X
BAG    27.78  16 eP    41 10.00   0.3
NST    28.84 334 eP    41 20.00   0.9
LOE    29.78 338 eP    41 27.00  -0.5
              i     53 26.00
BDT    30.73 333 eP    41 36.00   0.1
    0.8s    36.30nm          5.2mb
CHTO   32.15 335 ePd   41 48.80   0.4
    0.9s    13.21nm          4.8mb
CTA    33.58 111 iPc   42 03.80   2.9X
KMI    36.71 345 Pd-   42 30.00   2.3
    1.2s    50.00nm          5.3mb
   Z  15s     1.30um         4.8MszX
   N  13s     0.70um
   E  13s     0.60um
              pP    42 41.00  39kmX
              sP    42 47.00
              eS    48 13.00
GUMO   39.77  54 eP    42 52.30  -0.9
    0.5s   127.80nm          5.9mb
PJG    39.77  54 eP    42 52.30  -0.9
GUA    39.78  54 eP    42 52.40  -0.9
    0.6s    74.67nm          5.6mb
TOO    39.88 138 iPd   42 56.00   2.1
    0.9s    46.00nm          5.2mb
ARMA   41.15 125 eP    43 05.30   0.8
SSE    42.09  11 Pc    43 13.00   1.1
    5.0s     0.40nm          2.4mb X
   Z  20s     0.50um         4.4Msz
              i     43 16.30
              i     43 24.40
```

```
               pP   43 25.80  48kmX
               eS   49 12.00
               sS   49 36.00
GBA     42.48 304 P     43 14.50  -0.9
        0.5s     7.00nm        4.6mb
HYB     43.75 309 eP    43 25.00  -0.8
ODAN    44.56 327 P     43 32.38  -0.1
TAPN    44.78 328 P     43 34.60   0.3
RAMN    45.06 326 P     43 35.92  -0.6
JIRN    45.85 326 P     43 42.94   0.1
        0.6s    60.00nm        5.7mb
PKI     46.21 326 P     43 44.98  -0.7
GUN     46.21 326 P     43 45.66   0.0
DMN     46.41 325 P     43 46.78  -0.3
KKN     46.45 326 P     43 46.92  -0.5
GKN     46.97 325 P     43 51.02  -0.5
LZH     47.06 350 iPd   43 52.50   0.4
        1.5s    72.00nm        5.5mb
     Z  18s      0.54um        4.6Msz
     N  12s      0.42um
               pP   44 03.00  36kmX
               ePP  45 47.00
               eS   50 55.00
KOLN    47.39 324 P     43 54.26  -0.6
DANN    47.73 325 P     43 56.90  -0.8
PYUN    47.99 324 P     43 58.72  -0.8
POO     48.05 307 eP    44 00.50   0.6
TKSJ    48.58  24 P     44 03.40  -0.4
WKYJ    49.41  25 P     44 09.40  -0.9
YONJ    49.42  22 P     44 09.20  -1.0
BJI     50.34   3 eP    44 16.50  -0.6
        1.8s    29.00nm        5.0mb
     Z  20s      0.60um        4.6Msz
     E  20s      1.48um
               eS   51 28.00
CHJJ    52.43  27 eP    44 30.70  -2.4
MAT     52.50  26 eP    44 31.00  -2.6
        1.4s    34.88nm        5.1mb
               eS   51 25.00
YAMJ    54.66  26 P     44 48.40  -1.1
OFUJ    56.12  27 P     44 58.80  -1.2
MRRJ    58.64  24 eP    45 17.10  -0.6
HOOJ    59.53  26 eP    45 23.60  -0.3
ASAJ    60.69  24 P     45 31.10  -0.7
KUSJ    60.73  26 P     45 31.20  -0.8
ZAK     61.15 353 eP    45 34.60  -0.2
        1.4s    34.00nm        5.3mb
               eS   53 48.00
CIT     62.21   1 eP    45 42.20   0.2
IRK     62.90 354 eP    45 46.00  -0.5
        1.4s    21.00nm        5.1mb
FRU     63.49 329 eP    45 50.20  -0.4
        2.5s   160.00nm        5.7mb
               e    46 00.00
BOD     68.07   1 eP    46 19.10  -0.5
MAIO    68.39 316 eP    46 21.00  -1.3
ASH     70.04 317 eP    46 32.00  -0.2
BRVK    72.92 335 iPc   46 48.00  -1.2
        1.2s    25.00nm        5.1mb
     Z  16s      0.12um        4.3MszX
     N  16s      0.11um
     E  16s      0.16um
YAK     73.45   8 iPd   46 50.50  -1.5
SVE     79.57 334 iPd   47 27.20   0.7
        1.6s    50.00nm        5.3mb
SPA     79.61 180 eP    47 25.00  -1.8
        0.9s     2.27nm        4.2mb X
PYA     83.08 317 iP    47 45.00  -0.2
OBN     90.74 326 iPc   48 22.70   0.6
        1.3s    36.00nm        5.5mb
ILT     91.74  21 iPc   48 27.60   1.1
        1.4s    16.00nm        5.2mb
BCAO    95.00 274 ePd   48 43.20   0.5
        0.7s     9.00nm        5.3mb
KAF     97.53 332 iP    48 53.50   0.4
        0.6s     2.00nm        4.8mb
RMW    121.25  40 ePKP  54 13.45   0.6
DUG    129.99  46 ePKP  54 31.08   1.1
DAU    130.99  45 ePKP  54 33.47   1.4
MSU    131.11  47 ePKP  54 34.60   2.4
EMUT   131.55  45 ePKP  54 34.32   1.3
SRU    132.05  46 ePKP  54 34.82   0.9
PV09   133.29  46 ePKP  54 38.82   2.3
PV10   133.41  46 ePKP  54 37.89   1.2
RSSD   133.78  37 ePKP  54 37.16   0.0
GOL    135.33  43 ePKP  54 41.06   0.8
ALQ    136.74  49 ePKP  54 44.02   1.0
WMOK   142.39  45 ePKP  54 48.97  -4.1X
TUL    143.73  41 iPKPc 54 53.60  -1.6
TYS    145.08  33 ePKP  54 56.96  -0.5
ACTO   145.13  16 PKP   54 57.50   0.1
RSNY   145.45   9 ePKP  54 58.38   0.5
FVM    145.55  33 ePKP  54 58.35   0.1
ITR    145.60 237 ePKP  54 59.10   0.1
TYNO   145.66  17 PKP   54 59.20   0.9
STCO   145.74  16 PKP   54 59.35   1.0
MIAR   146.00  41 ePKP  55 00.68   1.6
YSNY   146.59  15 ePKP  55 01.44   1.6
BINY   147.45  12 ePKP  55 02.77   1.5
LSCT   148.45   9 ePKP  55 06.25   3.4X
TBR    148.81  10 ePKP  55 04.95   1.5
GMTN   149.07  10 iPKP  55 08.90   5.1X
NAV    150.58  22 ePKP  55 06.65   0.4
                  ePKPbc55 12.19
CVL    150.78  18 ePKP  55 06.49   0.0
                  ePKPbc55 12.87
CCH    152.32 182 PKP   55 17.80   8.1X
JSC    153.01  26 ePKP  55 10.99   1.2
                  ePKPbc55 18.43
SIV    153.04 193 PKP   55 20.10   9.7X
LPB    153.17 178 PKP   55 19.20   8.2X
     S.D. = 1.1  on  96 of 112 obs.
-------------------------------------
% JUN 12, 1994  01h 41m 28.56± 0.63s
  38.528 S ± 6.9km  175.730 E ±11.9km
  DEPTH = 180.0km  (geophysicist)
 NORTH ISLAND, NEW ZEALAND        (159)

MGZ      0.50 197 P     41 54.50   1.0
NGZ      0.66 189 P     41 55.20   0.7
MOZ      0.73 271 P     41 55.90   1.2
WAHZ     1.27 158 P     41 59.00   0.3
                  S     42 20.80
TTH      1.32 140 P     41 59.20   0.0
                  S     42 21.50
KUZ      1.78 360 P     42 02.20  -1.4
MNG      2.10 185 P     42 07.60   0.5
                  S     42 35.50
KIW      2.42 195 Pc    42 11.00   0.3
CAW      2.63 191 P     42 13.30   0.1
MTW      2.63 184 Pc    42 12.90  -0.3
DIW      2.67 211 P     42 14.30   0.7
MRW      2.81 196 P     42 15.40   0.0
                  S     42 51.00
BLW      2.84 184 P     42 15.30  -0.5
WEL      2.85 195 P     42 15.90   0.1
TCW      2.91 202 P     42 16.70   0.2
MOW      2.91 187 P     42 16.10  -0.5
THZ      3.89 213 eP    42 29.20   0.3
                  S     43 16.80
KHZ      4.23 203 P     42 33.00  -0.1
                  eS    43 22.30
MQZ      5.67 203 P     42 50.30  -1.6
                  S     43 52.40
ODZ      7.54 209 eP    43 15.60  -1.0
                  eS    44 36.70
     S.D. = 0.8  on  20 of  20 obs.
-------------------------------------
% JUN 12, 1994  01h 42m 13.53± 0.59s
  26.931 S ± 5.9km   26.792 E ± 6.7km
  DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA         (584)
     ML 3.1 (PRE).

BFS      0.03 349 iPc   42 15.70   0.8
                  S     42 16.60
PRY      0.61  90 eP    42 25.80   0.1
                  S     42 32.90
KSR      1.07   5 eP    42 33.50  -0.7
                  SS    42 46.50
SWZ      1.33 259 eP    42 39.30   0.6
                  S     42 55.60
SEK      1.57 152 iPd   42 43.70   1.4
                  S     43 03.50
SLR      1.79  49 iPd   42 45.20  -0.2
                  S     43 08.10
BOSA     2.07 216 eP    42 51.50   2.1
                  S     43 17.70
BLF      2.23 194 iPc   42 52.20   0.3
                  S     43 21.00
FRS      3.09 204 eP    43 02.70  -1.2
                  S     43 37.50
BFT      3.17  68 eP    43 05.00  -0.2
                  S     43 53.50
HVD      3.83 197 eP    43 13.50  -1.1
                  SS    43 48.00
CER      9.12 224 eP    44 27.00  -1.8
                  S     46 10.00
   S.D. = 1.3  on  12 of  12 obs.
-------------------------------------
* JUN 12, 1994  01h 47m 19.15± 0.22s
  10.575 S ± 4.8km  112.783 E ± 5.6km
  DEPTH =  33.0km  (normal)
  5.3mb ( 24 obs.)  4.6Msz (  3 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM      6.32 306 ePc   48 53.20   0.6
                  iS    50 17.00
MBL     12.52 148 eP    50 11.00  -6.8X
                  iS    52 14.00
KKM     16.86  12 ePd   51 15.50   1.0
MEEK    16.90 162 eP    51 09.00  -5.9X
                  eS    54 01.00
MRWA    18.79 171 eP    51 33.50  -4.8X
                  eS    54 45.00
IPM     19.07 322 ePd   51 41.50  -0.2
        0.7s    21.60nm        4.5mb
BAL     20.26 170 eP    51 55.00   0.3
WARB    20.32 142 eP    51 54.00  -1.3
        0.6s    40.00nm        4.9mb
SNG     21.39 325 eP    52 09.80   3.5X
COOL    21.65 160 eP    52 09.00   0.2
                  eS    55 51.00
DAV     21.68  36 ePc   52 10.50   1.3
WOOL    22.04 159 iPd   52 11.00  -1.6
                  iS    55 58.90
WB2     22.77 117 iPc   52 19.70  -0.4
        0.6s    67.00nm        5.3mb
                  eS    56 23.90
ASPA    23.97 126 iPc   52 31.80   0.1
        0.5s    46.80nm        5.3mb
                  i     52 44.50
                  eS    56 52.20
PLP     24.77  30 ePc   52 41.00   1.6
NNT     26.41 330 eP    52 57.20   2.4X
                  e     20 33.40
BAG     27.90  16 eP    53 08.00  -0.5
NST     28.93 334 eP    53 18.00   0.4
BDT     30.81 334 eP    53 34.00  -0.4
CHTO    32.23 335 eP    53 47.20   0.3
STKA    34.03 133 iPd   54 01.60  -0.8
        0.7s    56.40nm        5.6mb
KMI     36.81 345 P-    54 27.50   1.2
        1.2s    60.00nm        5.3mb
     Z  15s      1.80um        5.0MszX
     N  13s      8.00um
     E  13s      0.90um
                  pP    54 39.00  41kmX
                  sP    54 48.00
GUMO    39.87  54 eP    54 50.70  -1.1
        1.0s   119.20nm        5.6mb
PJG     39.87  54 eP    54 50.60  -1.2
GUA     39.88  54 eP    54 51.30  -0.6
        1.0s   168.00nm        5.8mb
SSE     42.21  11 P     55 11.50   0.8
        1.0s    35.00nm        5.0mb
     Z  20s      0.50um        4.4Msz
                  i     55 24.00
                  i     55 55.00
GBA     42.51 304 P     55 13.00  -0.4
        0.9s     4.00nm        4.1mb X
HYB     43.79 309 eP    55 21.00  -2.8
ODAN    44.64 327 P     55 30.58  -0.3
TAPN    44.86 328 P     55 33.12   0.4
RAMN    45.14 326 P     55 35.08   0.2
JIRN    45.92 326 P     55 40.94  -0.2
        1.1s   138.00nm        5.8mb
PKI     46.28 326 P     55 42.86  -1.1
GUN     46.28 326 P     55 44.04   0.0
DMN     46.48 325 P     55 45.04  -0.4
KKN     46.52 326 P     55 45.42  -0.3
GKN     47.04 325 P     55 49.42  -0.4
LZH     47.17 350 Pd    55 51.00   0.3
        1.2s    65.00nm        5.5mb
     Z  28s      1.18um        4.7MszX
     N  12s      0.52um
                  pP    55 58.50  25kmX
                  sP    56 01.50
                  PP    57 42.50
                  eS    02 50.00
KOLN    47.45 324 P     55 52.44  -0.7
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12d 01h

DANN 47.80 325 P 55 55.24 -0.7
PYUN 48.06 324 P 55 57.14 -0.7
BJI 50.45 3 eP 56 15.00 -0.7
1.2s 16.00nm 4.9mb
Z 22s 0.93um 4.8Msz
N 16s 0.56um
E 16s 1.40um
eS 03 34.00
MAT 52.62 26 eP 56 29.00 -3.3X
1.1s 18.99nm 5.0mb
YAMJ 54.78 26 P 56 47.10 -1.0
OFUJ 56.25 27 P 56 56.90 -1.8
HOOJ 59.65 26 eP 57 22.40 -0.1
ASAJ 60.81 24 eP 57 29.80 -0.6
KUSJ 60.85 26 eP 57 29.60 -1.0
ZAK 61.26 353 eP 57 33.00 -0.3
2.0s 26.00nm 5.0mb
e 58 16.00
e 59 46.00
CIT 62.32 1 eP 57 41.00 0.5
IRK 63.01 354 eP 57 45.00 0.0
1.2s 22.00nm 5.2mb
Z 20s 0.47um 4.7Msz
YSS 63.25 22 ePc 57 45.00 -1.7
1.3s 110.00nm 5.8mb
FRU 63.57 329 eP 57 48.80 -0.1
2.0s 50.00nm 5.3mb
e 58 02.50
e 58 20.00
BOD 68.19 1 eP 58 17.10 -1.0
MAIO 68.45 316 eP 58 20.00 -0.3
ASH 70.09 317 eP 58 30.00 -0.3
BRVK 73.01 335 iPc 58 47.00 -0.4
1.0s 25.00nm 5.2mb
Z 16s 0.17um 4.4MszX
N 14s 0.13um
E 16s 0.25um
YAK 73.57 8 iPd 58 49.00 -1.4
1.2s 129.00nm 5.8mb
KER 76.55 309 eP 59 07.00 -1.3
SPA 79.49 180 iPd 59 23.60 -0.3
1.0s 2.00nm 4.1mb X
SVE 79.65 334 iPd 59 25.60 0.9
1.1s 50.00nm 5.4mb
e 59 35.00
GRO 81.12 317 eP 59 36.00 3.3X
PYA 83.14 317 iP 59 44.00 0.7
OBN 90.82 326 iPc 00 21.00 0.8
1.2s 31.00nm 5.5mb
e 00 30.00
ILT 91.86 21 iPc 00 26.00 1.2
1.2s 10.00nm 5.1mb
BCAO 94.97 274 iPc 00 42.00 1.7
0.5s 8.00nm 5.4mb
SDN 96.75 35 eP 00 46.51 -0.9
0.8s 26.04nm 5.8mb
GMW 120.71 41 ePKP 06 09.67 0.2
RMW 121.37 40 ePKP 06 10.35 -0.4
LBFM 123.23 47 ePKP 06 14.84 0.1
NEW 123.97 38 ePKP 06 15.53 -0.2
PKEM 125.98 53 (PKP) 06 19.93 -0.1
TPNV 128.72 51 ePKP 06 25.14 -0.3
HVU 129.49 44 ePKP 06 27.69 1.0
DUG 130.11 46 ePKP 06 28.97 1.1
MSU 131.22 47 ePKP 06 31.09 0.9
EMUT 131.66 45 ePKP 06 31.59 0.6
SRU 132.16 46 ePKP 06 31.94 0.0
PV09 133.40 46 ePKP 06 35.75 1.3
PV10 133.52 46 ePKP 06 35.00 0.4
RSSD 133.90 37 ePKP 06 35.40 0.3
GOL 135.44 43 (PKP) 06 38.81 0.6
ALQ 136.85 49 ePKP 06 41.18 0.2
WMOK 142.50 45 ePKP 06 47.44 -3.5X
TUL 143.85 41 iPKPc 06 47.00 -6.2X
TYS 145.20 33 ePKP 06 55.03 -0.3
ACTO 145.25 16 PKP 06 56.40 1.1
ITR 145.50 237 ePKP 06 54.40 -2.2
RSNY 145.57 9 ePKP 06 56.98 1.1
FVM 145.67 34 ePKP 06 56.60 0.4
TYNO 145.78 17 PKP 06 58.05 1.8
STCO 145.86 16 PKP· 06 58.21 1.9
MIAR 146.11 41 ePKP 06 58.42 1.4
LBNH 146.21 6 ePKP 06 56.89 0.0
YSNY 146.71 15 ePKP 07 00.74 2.9X
BINY 147.57 12 ePKP 07 00.49 1.3
BAO 147.74 216 ePKP 06 56.50 -3.8X
HRV 147.97 6 ePKP 07 02.00 2.3X
MOCB 148.34 183 PKP 07 04.10 2.5X
LSCT 148.57 9 (PKP) 07 00.01 -0.8
TBR 148.93 10 (PKP) 07 02.22 0.9
GMTN 149.19 10 iPKP 07 07.20 5.5X
NAV 150.70 22 ePKP 07 05.82 1.6
CVL 150.90 18 ePKP 07 11.76 7.4X
CEH 152.59 21 ePKP 07 14.66 7.7X
ARE 152.81 171 ePKP 07 28.00 19.9X
LPB 153.05 178 PKP 07 17.70 9.1X
JSC 153.14 26 ePKP 07 08.49 0.8
S.D. = 0.9 on 90 of 108 obs.

% JUN 12, 1994 01h 50m 30.64± 1.29s
39.544 N ±11.2km 28.344 E ± 5.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.0 (ISK).

DST 0.23 74 iPg 50 34.80 -0.8
eSg 50 38.40
KCT 0.70 1 iPg 50 44.30 -0.2
BNT 0.87 338 iPg 50 47.40 0.0
iSg 50 59.40
EDC 0.88 335 iPg 50 47.00 -0.6
iSg 50 59.00
IZI 1.17 47 ePn 50 53.30 0.7
YLV 1.29 37 ePn 50 54.30 -0.3
MFT 1.48 327 iPn 50 57.80 0.4
EZN 1.58 281 ePn 50 58.80 0.0
CTT 1.60 2 ePn 50 59.30 0.2
ISK 1.62 20 ePn 50 59.00 -0.2
HRT 1.63 38 ePn 51 00.40 0.9
S.D. = 0.6 on 11 of 11 obs.

? JUN 12, 1994 01h 51m 44.94± 6.66s
39.483 N ±40.3km 30.100 E ±32.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZI 0.98 331 ePn 52 03.80 0.2
EYL 1.08 2 ePn 52 05.30 -0.1
YLV 1.22 333 ePn 52 07.30 -0.4
KCT 1.54 300 iPn 52 12.30 -0.3
CTT 2.10 323 ePn 52 21.00 0.5
S.D. = 0.5 on 5 of 5 obs.

? JUN 12, 1994 02h 04m 39.92± 2.11s
44.063 N ±24.6km 150.090 E ±23.7km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
EAST OF KURIL ISLANDS (222)

KUSJ 4.03 258 eP 05 39.40 -1.4
eS 06 22.10
HOOJ 5.25 254 eP 05 58.90 0.8
eS 06 54.10
ASAJ 5.37 273 eP 06 01.00 1.3
MRRJ 6.79 259 eP 06 18.50 -1.2
AOMJ 8.01 247 eP 06 36.90 0.1
eS 07 55.70
OFUJ 8.04 235 P 06 37.70 0.5
NB2 70.06 340 P 15 50.30 0.2
0.5s 0.90nm 4.1mb
HFS 70.20 338 eP 15 50.70 -0.3
0.4s 1.30nm 4.4mb
S.D. = 1.1 on 8 of 8 obs.

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* JUN 12, 1994 02h 14m 42.12± 0.41s
10.837 S ± 8.4km 112.990 E ±11.0km
DEPTH = 33.0km (normal)
5.1mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.64 306 ePd 16 20.00 -0.1
MBL 12.19 148 eP 17 35.00 -1.4
iS 19 39.00
MRWA 18.50 172 eP 18 58.50 0.8
SWI 20.68 63 ePc 19 40.00 18.0X
WOOL 21.72 159 iPc 19 37.40 5.0X
iS 23 23.90
WB2 22.47 116 eP 19 44.40 4.3X
0.9s 42.50nm 4.9mb
eS 23 48.50
ASPA 23.66 125 iPc 19 57.40 5.8X
0.8s 33.40nm 4.9mb
i 20 10.40
eS 24 20.40
LOE 30.19 338 eP 21 02.50 10.6X
CHTO 32.56 335 eP 21 22.00 9.4X
STKA 33.70 133 iPd 21 27.10 4.6X
0.7s 31.50nm 5.3mb X
GBA 42.82 304 P 22 51.00 12.1X
ODAN 44.97 327 P 22 56.43 0.0
TAPN 45.19 328 P 22 58.83 0.5
RAMN 45.47 326 P 23 00.83 0.4
JIRN 46.25 326 P 23 07.07 0.3
PKI 46.61 326 P 23 08.99 -0.5
GUN 46.61 326 P 23 09.95 0.3
DMN 46.81 325 P 23 10.95 -0.1
KKN 46.85 326 P 23 10.75 -0.6
GKN 47.37 325 P 23 15.15 -0.2
LZH 47.46 350 eP 23 16.00 0.1
1.4s 36.00nm 5.2mb
sP 23 28.00
KOLN 47.79 324 P 23 18.43 -0.3
DANN 48.13 325 P 23 21.09 -0.4
0.9s 36.00nm 5.4mb
PYUN 48.39 324 P 23 22.37 -1.0
BJI 50.70 3 eP 23 41.00 0.4
MAT 52.77 26 eP 23 55.00 -1.3
YAMJ 54.93 26 P 24 12.70 0.6
OFUJ 56.39 27 P 24 23.00 0.3
VGB 122.76 42 (PKP) 33 36.67 0.3
DUG 130.14 46 (PKP) 33 51.76 0.8
PV10 133.55 47 ePKP 34 02.14 4.5X
RSSD 133.98 37 (PKP) 34 01.15 2.9X
ALQ 136.86 50 (PKP) 34 08.42 4.5X
WMOK 142.54 45 (PKP) 34 12.56 -1.4
TYS 145.31 33 ePKP 34 20.98 2.5
FVM 145.77 34 ePKP 34 22.86 3.5X
RSNY 145.79 10 ePKP 34 22.57 3.4X
MIAR 146.18 42 ePKP 34 24.32 4.2X
NAV 150.86 23 ePKP 34 36.03 8.6X
CVL 151.08 19 ePKP 34 37.46 9.8X
S.D. = 0.9 on 24 of 40 obs.

& JUN 12, 1994 03h 01m 07.78s
60.718 N 151.043 W
DEPTH = 43.5km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.5 (AEIC).

NKA 0.10 285 eP 01 16.80 3.6
SLKM 0.46 117 iP 01 17.85 -0.4
SPU 0.68 314 iP 01 20.37 -0.8
eS 01 31.03
RDT 0.69 258 iP 01 20.60 -0.7
eS 01 31.45
NNL 0.69 191 eP 01 21.69 0.4
BKG 0.69 301 iP 01 20.54 -0.8
CKT 0.75 311 eP 01 21.17 -0.9
CKN 0.75 313 eP 01 21.71 -0.4
CRP 0.77 316 eP 01 22.00 -0.6
eS 01 34.04
CP2 0.80 314 ePd 01 22.09 -0.9
DFR 0.82 262 eP 01 22.21 -0.9
REF 0.85 255 eP 01 22.91 -0.7
eS 01 35.18
RSO 0.88 254 eP 01 23.41 -0.7
RS2 0.88 254 eP 01 23.43 -0.7
PMS 0.90 53 P 01 23.20 -0.9
S 01 35.60
RED 0.91 251 eP 01 23.49 -0.8
eS 01 36.52
BRLK 0.96 175 eP 01 24.39 -0.7
eS 01 38.29
SEW 1.00 127 eP 01 24.82 -0.7
PWA 1.09 31 P 01 26.50 -0.3
HOM 1.10 196 eP 01 27.32 0.3
CNPM 1.20 185 eP 01 27.65 -0.8
INE 1.20 238 eP 01 27.60 -0.9
eS 01 44.05
PLRM 1.28 46 eP 01 28.52 -0.9
PMR 1.28 46 eP 01 28.12 -1.3
eS 01 45.27
KNK 1.44 60 eP 01 30.80 -1.0
GHO 1.47 43 eP 01 31.26 -1.1
OPT 1.53 227 eP 01 32.79 -0.3
SML 1.71 49 eP 01 34.19 -1.4
LTI 1.72 112 eP 01 33.56 -2.2
CUT 1.73 12 eP 01 35.38 -0.5
AUE 1.80 222 eP 01 36.88 0.1
AUL 1.80 223 eP 01 37.47 0.6

AUP	1.81	222	eP	01 35.84	-1.3
AUH	1.82	223	eP	01 37.39	0.2
PDB	1.83	241	eP	01 36.25	-1.0
SCM	2.11	56	eP	01 39.89	-1.5
VZW	2.22	79	eP	01 41.33	-1.6
CDD	2.22	217	eP	01 42.20	-0.7
SYI	2.22	199	eP	01 42.40	-0.5
FID	2.24	87	eP	01 39.82	-3.4
MCNL	2.26	229	eP	01 42.84	-0.6
HIN	2.27	96	eP	01 42.22	-1.3
SVW	2.27	282	eP	01 41.01	-2.6
VLZ	2.34	78	eP	01 42.52	-2.0
HUR	2.36	16	eP	01 46.07	1.1
KLU	2.61	70	eP	01 46.30	-2.2
CVA	2.61	91	eP	01 51.82	3.3
KDC	3.07	195	eP	01 51.92	-3.0
SDG	3.19	53	eP	01 59.48	2.7
TTA	3.24	315	(P)	01 55.33	-2.1
GLB	3.59	75	eP	01 59.50	-2.9
WRH	4.01	19	eP	02 07.96	-0.3
HDA	4.16	25	eP	02 08.77	-1.6
CCB	4.22	19	eP	02 09.74	-1.5
FBA	4.45	18	eP	02 12.06	-2.5
ILB	4.49	23	eP	02 13.17	-2.0
IL1	4.49	23	eP	02 13.10	-2.0
IM3	5.42	348	eP	02 26.20	-2.1
BM3	7.29	20	P	02 50.20	-4.2

59 obs. associated

& JUN 12, 1994 03h 40m 52.14s
61.596 N 149.741 W
DEPTH = 32.8km
SOUTHERN ALASKA (2)
<AEIC>. ML 3.4 (AEIC), 3.3 (PMR). Felt (II) at Palmer.

PWA	0.09	310	P	40 58.00	0.2
PLRM	0.29	90	iPc	40 59.19	-0.6
			eS	41 05.19	
PMR	0.29	90	ePc	40 58.75	-1.0
			eS	41 05.28	
PMS	0.36	166	P	41 00.40	-0.4
GHO	0.43	65	iPc	41 00.99	-0.8
			eS	41 08.67	
KNK	0.64	106	iPc	41 03.96	-0.9
			eS	41 13.66	
SML	0.70	72	iPc	41 04.48	-1.2
			eS	41 13.98	
CUT	0.85	343	iPd	41 06.87	-0.8
SLKM	1.12	192	eP	41 10.19	-1.4
NKA	1.12	221	eP	41 12.45	0.9
CGLM	1.13	256	P	41 10.70	-1.0
SCM	1.17	77	iPc	41 11.75	-0.6
			eS	41 28.10	
SPU	1.19	251	iPc	41 11.97	-0.6
			eS	41 28.26	
CRP	1.21	255	eP	41 12.49	-0.4
			eS	41 28.93	
CKN	1.23	253	eP	41 12.94	-0.2
CP2	1.25	256	iPc	41 12.85	-0.7
CKT	1.25	253	ePc	41 13.05	-0.4
BKG	1.33	248	ePc	41 14.09	-0.5
			eS	41 30.09	
HUR	1.39	2	eP	41 15.26	-0.1
SEW	1.50	174	eP	41 16.30	-0.7
VZW	1.63	108	eP	41 18.38	-0.6
RDT	1.65	233	ePc	41 18.49	-0.8
			eS	41 40.10	
VLZ	1.71	104	eP	41 19.13	-0.8
			eS	41 41.61	
NNL	1.74	207	eP	41 20.69	0.3
DFR	1.75	236	ePc	41 20.09	-0.6
TOA	1.77	72	iPc	41 21.40	0.4
FID	1.79	117	eP	41 19.88	-1.4
LTI	1.81	149	eP	41 19.51	-2.1
REF	1.82	234	ePc	41 21.34	-0.5
KLU	1.83	92	ePc	41 21.11	-0.8
			eS	41 44.02	
DHY	1.85	36	eP	41 22.07	-0.2
			eS	41 45.98	
RSO	1.86	234	eP	41 21.90	-0.5
RS2	1.86	234	eP	41 21.90	-0.5
RND	1.86	12	ePd	41 22.24	-0.1
			eS	41 45.49	
RED	1.89	233	eP	41 22.12	-0.7
			eS	41 46.60	
MTU	1.91	147	eP	41 22.35	-0.7
BRLK	1.92	198	eP	41 21.87	-1.3
			eS	41 45.78	
HIN	1.98	126	eP	41 22.95	-1.1
			eS	41 46.87	
TZL	2.10	76	eP	41 25.82	0.2
HOM	2.16	207	eP	41 25.85	-0.6
			eS	41 53.20	
MCK	2.18	9	eP	41 26.83	0.1
SDG	2.19	63	eP	41 27.39	0.5
CNPM	2.20	200	eP	41 25.77	-1.4
			eS	41 53.23	
CVA	2.21	117	eP	41 26.24	-0.9
INE	2.24	228	eP	41 27.03	-0.8
			eS	41 55.46	
PAX	2.43	53	eP	41 30.70	0.2
BWN	2.59	3	eP	41 32.23	-0.4
OPT	2.60	223	eP	41 32.25	-0.6
			eS	42 03.76	
THY	2.60	44	eP	41 34.36	1.5
MID	2.75	141	P	41 35.50	0.7
DDM	2.83	37	eP	41 39.68	3.6
PDB	2.84	232	eP	41 34.62	-1.6
GLB	2.85	91	eP	41 34.75	-1.5
AUE	2.88	220	eP	41 35.85	-0.8
SVW	2.87	263	eP	41 34.90	-1.8
AUL	2.88	221	P	41 37.80	1.1
AUP	2.89	221	eP	41 36.59	-0.3
AGU	2.89	221	P	41 38.50	1.5
AUH	2.89	221	P	41 38.40	1.4
AUI	2.91	220	P	41 38.40	1.2
WRH	2.98	14	eP	41 37.24	-1.0
NEA	3.01	5	eP	41 37.35	-1.2
DJE	3.07	36	P	41 41.40	1.9
HDA	3.09	23	eP	41 39.08	-0.7
CCB	3.19	15	eP	41 39.79	-1.3
TTA	3.22	297	eP	41 39.05	-2.6
SYI	3.28	205	eP	41 40.72	-1.6
CDD	3.31	218	eP	41 41.42	-1.4
DOT	3.34	49	P	41 45.60	2.4
FBA	3.43	14	eP	41 43.00	-1.6
IL1	3.44	21	eP	41 43.79	-0.9
ILB	3.44	21	eP	41 43.72	-1.0
			eS	42 23.19	
MDM	3.44	11	eP	41 43.59	-1.2
MLY	3.48	353	eP	41 44.22	-1.1
GLM	3.57	16	eP	41 45.46	-1.1
TMW	3.58	58	P	41 49.70	3.0
BALM	3.61	96	eP	41 44.99	-2.2
BCA3	3.99	65	eP	41 51.97	-0.6
KDC	4.10	201	eP	41 53.68	-0.4
CHX	4.49	106	eP	41 58.82	-0.9
IM3	4.75	340	eP	42 01.55	-1.7
IMA	4.82	341	eP	42 01.57	-2.7
BM3	6.25	19	eP	42 22.09	-2.4

83 obs. associated

% JUN 12, 1994 04h 30m 01.43± 2.05s
38.845 N ±12.2km 26.622 E ±21.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 2.8 (ISK).

IZM	0.67	132	ePg	30 14.80	0.0
			eSg	30 25.80	
EZN	1.01	347	iPn	30 20.40	0.0
EDC	1.78	32	ePn	30 32.00	-0.4
KCT	1.94	43	ePn	30 35.00	0.2
MFT	2.00	14	ePn	30 36.00	0.2

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

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* JUN 12, 1994 06h 15m 10.09± 0.64s
23.896 S ± 6.9km 66.824 W ±11.1km
DEPTH = 249.3 ± 13.0 km
JUJUY PROVINCE, ARGENTINA (128)

MOCB	2.85	23	P	16 01.60	-0.2
CCH	6.51	6	P	16 45.80	0.2
LPB	7.42	350	iPc	16 57.30	0.1
ZON	7.80	192	ePc	17 01.50	0.0
			eS	18 23.50	
ARE	8.60	329	eP	17 12.00	0.0
			eS	18 42.00	
UFRS	15.28	117	eP	18 35.10	0.1
VAO	18.24	91	eP	19 07.60	0.0
BAO	19.52	69	eP	19 20.90	0.2
ITR	31.04	66	eP	21 06.60	-0.4

S.D. = 0.2 on 9 of 9 obs.

& JUN 12, 1994 06h 29m 36.28s
63.647 N 149.587 W
DEPTH = 127.2km
CENTRAL ALASKA (1)
<AEIC>.

MCK	0.30	73	P	29 53.50	0.9
			S	30 17.00	
TRF	0.37	238	iP	29 54.47	-0.4
			eS	30 08.29	
RND	0.41	126	eP	29 54.30	-0.6
BWN	0.53	6	eP	29 55.31	-0.1
			eS	30 08.79	
KTH	0.60	262	P	29 55.60	-0.4
			S	30 09.90	
HUR	0.67	182	eP	29 55.85	-0.6
NEA	0.96	13	eP	29 58.18	-0.7
			eS	30 14.26	
WRH	1.06	38	eP	29 59.30	-0.5
DHY	1.15	119	eP	30 00.67	-0.2
			eS	30 20.10	
CCB	1.27	37	eP	30 01.39	-0.6
CUT	1.29	194	eP	30 01.52	-0.6
			eS	30 20.52	
HDA	1.39	56	eP	30 02.76	-0.5
MDM	1.44	24	eP	30 03.63	-0.3
			eS	30 23.41	
MLY	1.48	341	iP	30 03.67	-0.7
FBA	1.48	31	P	30 04.00	-0.3
GLM	1.65	34	eP	30 05.92	-0.4
DDM	1.66	83	eP	30 06.54	0.0
THY	1.73	96	eP	30 08.23	0.9
DJE	1.77	76	eP	30 07.24	-0.5
GHO	1.91	170	eP	30 09.17	-0.3
SML	1.93	162	eP	30 09.19	-0.6
PAX	1.98	108	eP	30 10.14	-0.2
PWA	2.01	184	P	30 10.70	0.1
PMR	2.07	174	eP	30 10.30	-1.1
PLRM	2.07	174	eP	30 10.79	-0.6
SCM	2.10	149	eP	30 11.24	-0.6
SDG	2.16	120	eP	30 12.13	-0.4
TOA	2.20	133	eP	30 13.00	-0.1
KNK	2.30	166	eP	30 13.65	-0.7
PMS	2.41	180	P	30 15.50	-0.3
DOT	2.46	87	P	30 15.70	-0.8
TZL	2.50	128	eP	30 16.98	0.1
CP2	2.69	208	eP	30 19.24	-0.3
CKN	2.71	208	eP	30 20.42	0.7
SPU	2.73	206	P	30 19.60	-0.3
KLU	2.75	140	eP	30 19.66	-0.5
BKG	2.87	207	eP	30 20.96	-0.9
IM3	2.94	325	eP	30 21.71	-1.0
VLZ	2.94	148	eP	30 21.19	-1.5
VZW	2.96	150	eP	30 22.12	-0.8
TMW	2.97	93	eP	30 21.25	-1.8
TTA	2.99	259	P	30 22.10	-1.3
IMA	2.99	326	P	30 22.70	-0.8
NKA	3.02	196	eP	30 25.70	2.1
SLKM	3.17	186	eP	30 25.12	-0.5
FID	3.25	152	eP	30 25.81	-1.0
RDT	3.36	205	eP	30 28.11	-0.1
DFR	3.39	207	eP	30 28.63	-0.1
FYU	3.46	30	eP	30 29.11	-0.4
GLB	3.47	127	eP	30 29.10	-0.7
REF	3.49	206	P	30 29.90	-0.2
RS2	3.53	206	P	30 29.90	-0.7
RSO	3.53	206	eP	30 30.37	-0.3
SEW	3.56	179	eP	30 30.25	-0.5
BCA3	3.56	96	eP	30 29.81	-1.2
RED	3.57	206	eP	30 30.67	-0.4
HIN	3.57	155	eP	30 29.74	-1.3
CVA	3.60	148	eP	30 30.45	-0.9
LTI	3.71	166	eP	30 31.40	-1.5
SVW	3.79	231	P	30 32.90	-1.1
BRLK	3.95	190	eP	30 35.37	-0.7
INE	3.96	206	eP	30 34.20	-2.2
HOM	4.12	195	eP	30 38.28	-0.1
CNPM	4.21	192	eP	30 38.82	-0.8
BALM	4.27	125	eP	30 40.76	0.2
BM3	4.32	26	eP	30 39.80	-1.3
OPT	4.37	205	eP	30 41.08	-0.7
PDB	4.45	212	eP	30 42.24	-0.6
AUE	4.67	205	eP	30 44.64	-1.1
AUP	4.67	205	eP	30 45.55	-0.4
CDD	5.12	204	eP	30 50.78	-1.2

71 obs. associated

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% JUN 12, 1994 06h 31m 44.96± 2.08s
  36.866 N ±14.7km    2.014 W ±12.7km
  DEPTH =  10.0km  (geophysicist)
 STRAIT OF GIBRALTAR              (385)
    mbLg 3.1 (MDD).

ENIJ     0.19 304 iPc    31 48.59  -0.6
                  eS     31 50.90
EHUE     1.05 334 eP     32 03.88  -1.0
                  eS     32 17.00
EALH     1.10  25 eP     32 05.09  -0.5
                  eS     32 19.00
EGUA     1.24 269 eP     32 07.57  -0.5
                  eS     32 25.40
ECOG     1.31 289 eP     32 08.72  -0.5
                  eS     32 26.90
ERON     1.44 277 eP     32 11.38   0.1
                  eS     32 30.80
ELOJ     1.73 280 eP     32 16.42   1.0
                  eS     32 37.70
EVIA     1.81 348 eP     32 17.43   0.9
                  eS     32 37.60
EBAN     1.91 313 eP     32 18.52   0.6
                  eS     32 42.10
EHOR     2.75 291 eP     32 31.35   1.5
                  eS     33 01.30
EJIF     2.81 263 eP     32 29.69  -1.1
                  eS     33 05.70
PAB      3.25 326 ePg    32 46.50   9.5X
                  eSn    33 10.00
                  eSg    33 27.50
     S.D. = 1.0  on  11 of  12 obs.
-------------------------------------
? JUN 12, 1994 07h 37m 12.09± 1.11s
  39.188 N ± 9.6km   27.546 E ±17.5km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                           (366)
    ML 2.7 (ISK).

IZM      0.82 196 ePg    37 28.00   0.0
                  eSg    37 40.00
DST      0.94  63 ePn    37 29.90  -0.1
EDC      1.18  12 ePn    37 34.00  -0.1
KCT      1.23  30 iPn    37 35.20   0.2
     S.D. = 0.3  on   4 of   4 obs.
-------------------------------------
& JUN 12, 1994 07h 45m 31.09s
  57.840 N           153.488 W
  DEPTH =  66.6km
 KODIAK ISLAND REGION             ( 13)
    <AEIC>. ML 2.8 (AEIC).

KDC      0.54  99 eP     45 43.02  -1.1
SYI      0.97  36 eP     45 47.94  -1.3
CDD      1.10 356 eP     45 50.12  -0.8
                  eS     46 06.23
MCNL     1.42 342 eP     45 54.16  -1.1
AUI      1.50   1 eP     45 55.27  -1.1
                  eS     46 13.75
AGU      1.52   1 eP     45 55.86  -1.0
AUE      1.52   2 eP     45 55.76  -0.9
AUP      1.53   1 eP     45 55.39  -1.4
AUH      1.53   1 eP     45 55.76  -1.1
AUL      1.55   1 eP     45 55.94  -1.1
BGM      1.80 330 eP     45 59.42  -1.2
                  eS     46 20.25
OPT      1.82   4 eP     45 59.58  -1.3
                  eS     46 21.78
PDB      1.99 350 eP     46 01.31  -1.8
CNPM     2.06  34 eP     46 02.53  -1.6
HOM      2.06  27 eP     46 02.85  -1.2
INE      2.24   5 eP     46 05.35  -1.4
BRLK     2.36  34 eP     46 06.17  -2.1
NNL      2.48  26 eP     46 08.65  -1.3
RED      2.61   8 eP     46 09.90  -2.0
RS2      2.66   8 eP     46 10.60  -2.0
RSO      2.66   8 eP     46 10.85  -1.8
REF      2.69   8 eP     46 11.01  -2.0
DFR      2.79   8 eP     46 12.31  -2.1
RDT      2.80  11 eP     46 12.19  -2.3
SEW      3.09  41 eP     46 15.44  -3.0
SLKM     3.16  31 eP     46 17.29  -2.2
BKG      3.30  10 eP     46 19.19  -2.3
SPU      3.43  12 eP     46 21.04  -2.3
SVW      3.45 343 eP     46 19.91  -3.7
CKN      3.46  11 eP     46 22.24  -1.5
CP2      3.49  10 eP     46 22.08  -2.3
LTI      3.66  51 eP     46 23.78  -2.7
PMS      3.96  29 P      46 26.80  -3.9
KLU      5.30  43 eP     46 45.28  -4.4
        34 obs. associated
-------------------------------------
? JUN 12, 1994 07h 57m 03.27± 0.42s
  10.726 S ±11.3km  112.217 E ±16.6km
   DEPTH =  24.6km  (  2 depth phases)
  4.9mb (  6 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM      5.97 310 iPd    58 36.00   3.4
                  iS     00 26.00
NANU    12.19 165 eP     59 57.00  -1.3
         0.3s      6.00nm        5.3mb X
                  eS     02 05.00
MBL     12.69 146 eP     00 03.50  -1.6
                  eS     02 13.00
MEEK    16.94 160 eP     01 00.20  -0.2
                  eS     03 56.00
MRWA    18.73 170 eP     01 23.00   0.4
                  eS     04 42.00
WARB    20.55 140 eP     01 45.00   2.2
WB2     23.20 116 eP     02 09.80   0.3
         0.9s      8.20nm        4.3mb
ASPA    24.34 125 iPd    02 21.40   0.9
         1.1s     18.90nm        4.6mb
STKA    34.33 132 eP     03 51.30   1.1
         1.0s     16.20nm        4.9mb
KMI     36.81 346 eP     04 12.40   0.9
         1.0s     20.00nm        4.9mb
      E  14s       0.40um
                  pP     04 20.20  26km
ODAN    44.46 328 P      05 14.70   0.0
TAPN    44.69 328 P      05 15.94  -0.7
         0.7s     14.00nm        5.0mb
RAMN    44.96 327 P      05 18.64   0.0
JIRN    45.74 327 P      05 24.52  -0.5
GUN     46.11 327 P      05 27.78  -0.1
DMN     46.29 326 P      05 28.88  -0.3
KKN     46.33 326 P      05 28.56  -1.0
GKN     46.85 326 P      05 32.54  -1.0
LZH     47.22 351 eP     05 35.60  -0.8
         1.5s     32.00nm        5.1mb
      Z  15s       0.48um      4.6MszX
      E  12s       0.41um
                  pP     05 42.50  23km
KOLN    47.25 325 P      05 36.32  -0.5
DANN    47.61 325 P      05 39.04  -0.7
PYUN    47.85 324 P      05 40.94  -0.6
BAO    147.29 217 ePKP   16 51.00   6.0X
      S.D. = 1.2  on  22 of  23 obs.
-------------------------------------
% JUN 12, 1994 07h 58m 30.32± 0.69s
  40.539 N ± 5.9km   27.383 E ± 5.4km
   DEPTH =   5.0km  (geophysicist)
 TURKEY                           (366)
      ML 2.8 (ISK).

MFT      0.26 343 iPg    58 35.70   0.1
                  iSg    58 38.70
EDC      0.41 117 iPg    58 39.00   0.4
                  iSg    58 45.00
BNT      0.45 114 iPg    58 39.20  -0.1
                  eSg    58 46.20
KCT      0.80 111 iPg    58 46.20  -0.1
                  iSg    58 58.00
CTT      1.00  52 iPn    58 49.70   0.0
EZN      1.08 229 ePn    58 51.00  -0.1
ISK      1.38  67 ePn    58 56.00  -0.1
      S.D. = 0.2  on   7 of   7 obs.
-------------------------------------
* JUN 12, 1994 08h 03m 23.46± 0.33s
  10.827 S ± 9.0km  112.056 E ±13.1km
  DEPTH =  33.0km  (normal)
  5.0mb (  5 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM      5.92 312 iPd    04 52.00   0.7
NANU    12.13 165 eP     06 15.70  -1.3
                  eS     08 24.00
MBL     12.70 145 eP     06 20.50  -4.1X
                  iS     08 30.00
MEEK    16.90 159 eP     07 19.00  -0.2
                  eS     10 15.00
MRWA    18.66 169 eP     07 42.00   1.0
                  eS     10 59.00
WB2     23.30 116 iPd    08 28.90  -0.7
         0.3s      9.80nm        4.8mb
                  e      08 40.60
                  eS     12 40.80
ASPA    24.41 124 iPd    08 40.70   0.4
         1.1s     21.80nm        4.6mb
                  i      08 50.30
                  eS     13 11.70
STKA    34.38 132 iPd    10 11.00   1.3
         1.0s     18.80nm        5.0mb
ODAN    44.46 328 P      11 33.43  -0.3
TAPN    44.70 329 P      11 35.97   0.3
RAMN    44.95 327 P      11 38.63   0.9
JIRN    45.74 327 P      11 44.09   0.0
PKI     46.09 326 P      11 47.33   0.6
GUN     46.10 327 P      11 46.91   0.0
         0.4s     21.00nm        5.4mb
DMN     46.28 326 P      11 47.91  -0.3
KKN     46.33 327 P      11 48.11  -0.4
GKN     46.85 326 P      11 51.71  -0.8
KOLN    47.24 325 P      11 55.45  -0.3
         0.5s     20.00nm        5.4mb
DANN    47.60 326 P      11 58.15  -0.5
PYUN    47.84 325 P      12 00.23  -0.2
BAO    147.11 217 ePKP   23 09.20   5.6X
     S.D. = 0.7  on  19 of  21 obs.
-------------------------------------
? JUN 12, 1994 08h 27m 50.32± 0.58s
  10.981 S ±15.1km  113.239 E ±20.8km
  DEPTH =  33.0km  (normal)
  4.5mb (  2 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

LEM      6.92 306 iPd    29 34.50   2.3
NANU    11.72 170 eP     30 38.50   0.2
         0.3s      8.00nm        5.4mb X
                  eS     32 41.00
MBL     11.94 149 eP     30 40.00  -1.2
                  eS     32 43.00
WARB    19.72 142 eP     32 23.50   3.2X
                  eS     35 52.00
WOOL    21.50 160 eP     32 45.00   6.6X
                  i      32 54.30
WB2     22.19 116 iPd    32 47.60   2.1
         0.7s     11.80nm        4.4mb
                  eS     36 47.70
ASPA    23.37 125 iPc    33 01.10   4.0X
         0.6s     13.10nm        4.6mb
                  iS     37 22.60
ODAN    45.22 327 P      36 06.08  -0.6
TAPN    45.44 327 P      36 08.74   0.3
RAMN    45.72 326 P      36 11.32   0.7
JIRN    46.50 326 P      36 16.76  -0.2
GUN     46.87 326 P      36 19.74  -0.1
         0.5s     17.00nm        5.3mb X
DMN     47.06 325 P      36 20.42  -0.8
GKN     47.63 325 P      36 24.74  -0.9
KOLN    48.05 324 P      36 27.98  -0.9
DANN    48.39 325 P      36 30.76  -0.9
PYUN    48.65 324 P      36 33.78   0.2
     S.D. = 1.2  on  14 of  17 obs.
-------------------------------------
? JUN 12, 1994 08h 51m 32.60± 5.66s
  40.260 N ±19.0km   30.392 E ±34.5km
  DEPTH =   5.0km  (geophysicist)
 TURKEY                           (366)
    ML 2.7 (ISK).

GPA      0.07 295 iPg    51 34.00  -0.4
EYL      0.35 330 ePn    51 40.20   0.5
IZI      0.71 277 ePn    51 47.10   0.3
HRT      0.79 316 ePn    51 48.20  -0.2
YLV      0.84 292 ePn    51 49.20  -0.1
KCT      1.56 270 ePn    52 01.20   0.2
     S.D. = 0.4  on   6 of   6 obs.
-------------------------------------
% JUN 12, 1994 09h 02m 18.36± 0.87s
  35.280 N ± 7.7km    4.011 W ±10.5km
  DEPTH =  10.0km  (geophysicist)
 STRAIT OF GIBRALTAR              (385)

EMEL     0.86  88 eP     02 35.00   0.1
                  eS     02 47.00
EGUA     1.59  13 eP     02 46.29  -0.3
                  eS     03 03.90
ERON     1.74   5 eP     02 48.93   0.0
```

ELOJ 1.87 357 eP 02 51.00 0.3
IFR 1.99 208 iPg 02 52.50 0.0
iSg 03 14.50
S.D. = 0.3 on 5 of 5 obs.

JUN 12, 1994 09h 07m 30.23± 0.61s
43.956 N ± 5.9km 10.831 E ± 3.7km
DEPTH = 5.0km (geophysicist)
CENTRAL ITALY (381)
ML 3.8 (STR), 3.4 (GEN), 3.3
(LDG), 3.3 (VIE).

SARO 0.39 307 P 07 38.50 0.5
S 07 43.16
BORS 0.78 292 P 07 45.89 0.0
S 07 55.95
PCP 1.74 290 P 08 01.07 -0.3
S 08 21.34
FIN 1.91 279 P 08 02.80 -0.9
S 08 23.90
PGF 1.94 224 Pn 08 06.70 2.4
Sn 08 27.60
ROB 2.16 280 P 08 06.44 -1.0
S 08 31.19
SBF 2.46 269 Pn 08 11.20 -0.5
Sn 08 38.10
ENR 2.47 277 P 08 11.09 -0.8
STV 2.54 278 P 08 12.00 -0.9
TMA 2.56 328 ePc 08 14.00 0.8
VDL 2.71 340 ePc 08 16.00 0.6
TRI 2.73 49 e(Pn) 08 14.70 -0.7
e(Sn) 08 48.00
e(Sg) 09 03.20
PZZ 2.74 283 P 08 14.53 -1.2
OSS 2.77 350 ePd 08 17.70 1.4
RSP 2.82 296 P 08 16.45 -0.5
RIY 2.89 60 iPn 08 17.40 -0.4
iSn 08 53.00
OGA 2.92 3 iPnc 08 20.40 2.1
MMK 2.92 317 ePd 08 20.20 1.8
SURF 2.94 282 Pn 08 18.04 -0.6
VOY 3.00 45 iPnc 08 18.90 -0.6
eSn 08 54.80
LSD 3.02 301 P 08 20.86 1.0
RRL 3.05 290 P 08 21.47 1.2
FRF 3.06 264 Pn 08 19.70 -0.4
Sn 08 53.30
SCE 3.14 11 iPnc 08 22.30 0.8
LLS 3.19 337 ePd 08 22.40 0.3
LMR 3.20 260 Pn 08 22.00 -0.1
Sn 08 57.00
DIX 3.22 312 ePd 08 23.00 0.3
SQTA 3.28 5 iPnc 08 24.00 0.6
i 08 25.90
iSn 09 06.60
LRG 3.28 263 Pn 08 23.40 0.1
Sn 08 59.30
LPG 3.29 299 Pn 08 24.90 1.1
Sn 08 59.00
LPL 3.31 300 Pn 08 25.50 1.5
Sn 08 59.70
LJU 3.35 50 ePn 08 24.50 0.1
eSn 09 05.00
WTTA 3.36 9 iPnc 08 25.20 0.6
i 08 27.00
iSn 09 07.20
MOTA 3.40 3 i(Pn) 08 26.00 0.9
iSn 09 08.80
WATA 3.42 9 iPnc 08 26.20 0.8
i 08 27.40
iSn 09 08.30
VBY 3.51 62 iPn 08 27.20 0.6
iSn 09 08.40
KBA 3.59 29 iPnc 08 28.40 0.6
iSn 09 11.10
iSg 09 30.50
GRN 3.85 291 Pn 08 34.97 3.4X
BHG 4.03 20 iPnd 08 34.70 0.8
PTJ 4.13 60 ePn 08 30.40 -5.0X
iSn 09 22.20
SLE 4.15 338 ePd 08 35.10 -0.5
BSF 4.79 325 Pn 08 43.60 -1.3
Sn 09 35.80
CDF 5.09 332 Pn 08 47.40 -1.7
Sn 09 43.60
HAU 5.11 324 Pn 08 48.60 -0.7
Sn 09 43.40

GEC2 5.28 21 Pn 08 50.10 -1.6
0.3s 2.98nm 4.4mb
e 08 51.00
e 08 52.60
KHC 5.51 19 Pn 08 53.40 -1.6
e 09 21.50
S 09 53.50
e 10 18.00
SMF 5.62 301 Pn 08 56.30 -0.2
Sn 09 54.80
LBF 5.69 305 Pn 08 57.30 -0.3
Sn 09 58.80
GRF 5.74 3 e(Pg) 08 49.40 -8.8X
e(Sg) 10 01.50
LOR 5.91 307 Pn 09 00.20 -0.3
Sn 10 03.70
SSF 6.01 304 Pn 09 01.30 -0.7
Sn 10 05.80
PRU 6.55 21 Pn 09 08.00 -1.5
e 10 20.70
eSg 10 33.00
MOX 6.72 4 (Pn) 09 10.40 -1.5
e 10 21.20
e 11 11.00
BRG 7.24 16 iPn 09 16.40 -2.8X
0.6s 11.00nm 5.2mb
i 09 18.10
e 10 37.00
e 11 37.00
CLL 7.50 10 i(Pn) 09 19.90 -3.0X
eSg 11 16.00
S.D. = 1.0 on 50 of 55 obs.

? JUN 12, 1994 09h 19m 34.00± 0.38s
11.162 S ±10.8km 112.155 E ±16.6km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.22 313 iPc 21 17.20 11.1X
NANU 11.79 165 eP 22 21.00 -1.9
eS 24 26.00
MBL 12.37 144 iPc 22 25.50 -5.3X
iS 24 31.50
MEEK 16.56 159 eP 23 25.00 -0.4
eS 26 16.00
MRWA 18.32 169 eP 23 49.00 1.7
eS 27 04.00
WARB 20.26 140 eP 24 10.00 0.5
eS 27 40.00
COOL 21.32 158 eP 24 26.50 6.1X
eS 28 08.50
WOOL 21.72 157 eP 24 29.40 5.1X
eS 28 16.70
WB2 23.07 115 eP 24 36.10 -1.8
0.5s 14.70nm 4.7mb
i 24 37.50
eS 28 36.70
ASPA 24.15 124 iPc 24 48.30 0.0
0.5s 11.10nm 4.7mb
eS 29 07.90
STKA 34.09 132 iPc 26 18.40 0.6
0.6s 10.00nm 4.9mb
KMI 37.21 346 eP 26 45.00 0.5
pP 26 56.00 39kmX
ODAN 44.80 328 P 27 46.64 -0.3
TAPN 45.03 329 P 27 49.36 0.5
RAMN 45.29 327 P 27 51.92 1.1
JIRN 46.07 327 P 27 56.98 -0.2
PKI 46.42 327 P 27 58.96 -0.9
GUN 46.44 327 P 28 00.02 0.0
DMN 46.61 326 P 28 01.02 -0.3
KKN 46.66 327 P 28 01.42 -0.3
GKN 47.18 326 P 28 04.72 -1.0
KOLN 47.57 325 P 28 08.58 -0.3
LZH 47.64 351 Pc 28 18.50 9.2X
1.5s 40.00nm 5.2mb
DANN 47.93 326 P 28 10.82 -1.0
PYUN 48.17 325 P 28 13.90 0.3
RSNY 146.24 9 ePKP 39 13.19 1.4
e 39 25.06
MIAR 146.96 41 ePKP 39 15.05 1.8
e 39 26.69
S.D. = 1.0 on 22 of 27 obs.

? JUN 12, 1994 09h 29m 21.40± 0.32s
11.518 S ± 9.6km 112.783 E ±13.7km
DEPTH = 33.0km (normal)
4.8mb (5 obs.)
SOUTH OF JAWA, INDONESIA (282)

NANU 11.29 167 eP 32 03.00 -0.6
0.3s 4.00nm 5.1mb
eS 34 06.00
MBL 11.73 146 eP 32 09.00 -0.5
iS 34 13.00
MEEK 16.01 161 eP 33 07.00 1.1
eS 35 58.00
WB2 22.37 115 iPd 34 18.40 0.1
0.9s 10.80nm 4.3mb
ASPA 23.44 124 eP 34 29.10 0.3
0.9s 8.50nm 4.3mb
STKA 33.40 132 eP 35 58.70 -0.4
0.7s 10.70nm 4.9mb
ODAN 45.43 327 P 37 39.27 -0.1
TAPN 45.65 328 P 37 41.79 0.6
RAMN 45.92 327 P 37 42.89 -0.4
JIRN 46.70 327 P 37 50.11 0.5
PKI 47.05 326 P 37 52.29 0.0
DMN 47.25 326 P 37 53.37 -0.4
KKN 47.30 326 P 37 54.83 0.7
GKN 47.82 326 P 37 58.39 0.3
KOLN 48.22 325 P 38 00.55 -0.8
DANN 48.57 325 P 38 03.69 -0.5
0.9s 32.00nm 5.4mb
PYUN 48.82 324 P 38 06.01 0.1
TPNV 129.31 51 (PKP) 48 34.38 5.6X
SRU 132.81 47 (PKP) 48 31.33 -4.1X
S.D. = 0.6 on 17 of 19 obs.

% JUN 12, 1994 09h 42m 10.87± 0.38s
42.472 S ± 7.6km 172.918 E ± 7.7km
DEPTH = 50.0km (geophysicist)
SOUTH ISLAND, NEW ZEALAND (162)

KHZ 0.46 84 P 42 23.70 2.0
S 42 32.10
LTZ 0.57 237 Pd 42 25.30 2.2
S 42 34.10
THZ 0.71 359 Pd 42 25.20 0.3
S 42 33.70
MQZ 1.25 189 P 42 33.60 1.4
S 42 49.30
TCW 1.62 39 Pd 42 37.90 0.5
WVZ 1.72 249 P 42 40.10 1.3
MRW 1.82 48 P 42 40.50 0.2
S 43 00.90
WEL 1.82 50 P 42 40.50 0.2
DIW 1.83 25 eP 42 41.30 0.8
MOW 2.03 60 P 42 42.90 -0.4
CAW 2.11 50 Pd 42 44.10 -0.3
KIW 2.19 44 Pd 42 45.70 0.1
BLW 2.20 61 P 42 45.00 -0.7
MTW 2.33 57 Pd 42 46.60 -1.0
MNG 2.67 47 P 42 51.40 -1.0
eS 43 20.30
BWZ 3.02 226 eP 42 57.10 -0.3
ODZ 3.05 212 P 42 57.70 -0.1
eS 43 31.10
LRCZ 3.66 224 eP 43 05.50 -1.1
SBCZ 3.70 224 eP 43 05.90 -1.1
MMCZ 3.73 226 eP 43 06.50 -1.0
TLC 3.89 224 eP 43 08.50 -1.3
MOZ 4.21 21 P 43 13.50 -0.7
eS 43 57.60
S.D. = 1.1 on 22 of 22 obs.

? JUN 12, 1994 09h 43m 01.12± 5.72s
15.712 N ±51.4km 100.203 W ±19.0km
DEPTH = 33.0km (normal)
3.5mb (1 obs.)
OFF COAST OF GUERRERO, MEXICO (65)

ACX 1.20 16 iPd 43 22.87 1.2
iS 43 35.00
III 2.74 15 iPc 43 42.72 -1.2
iS 44 13.43
PPM 3.66 24 iP 43 57.21 -0.1
iS 44 37.64
CRX 3.71 8 (P) 44 06.20 8.4X
IIA 3.72 23 iP 43 57.13 -0.5
UNM 3.73 15 (P) 44 03.30 5.3X
IIT 3.76 29 iP 43 59.60 1.2
iS 44 38.18

12d 09h

MRX 4.08 347 (P) 44 02.50 -0.3
(S) 44 13.11
IISM 4.23 39 iP 44 05.00 0.1
LVVM 5.37 41 (P) 44 10.50 -10.5X
ALQ 19.96 345 (P) 47 35.00 1.4
1.0s 2.63nm 3.5mb
TUL 20.50 10 iPc 47 37.20 -1.8
GLD 24.35 351 (P) 48 21.47 4.1X
S.D. = 1.3 on 9 of 13 obs.

% JUN 12, 1994 10h 04m 51.78± 0.58s
26.864 S ± 5.3km 26.778 E ± 5.3km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.7 (PRE).

BFS 0.04 170 eP 04 53.00 -0.2
S 04 54.00
PRY 0.62 96 eP 05 04.10 -0.2
S 05 13.50
KSR 1.00 6 eP 05 11.20 -0.1
S 05 24.50
SWZ 1.33 256 eP 05 16.50 -0.5
S 05 32.50
SEK 1.64 153 eP 05 21.80 0.3
S 05 43.60
SLR 1.76 51 iPd 05 23.70 0.5
S 05 44.50
BOSA 2.12 214 eP 05 29.30 1.0
S 05 55.30
BLF 2.30 193 eP 05 30.50 -0.6
S 06 01.00
NWL 2.95 108 eP 05 40.00 -0.3
S 06 17.10
BFT 3.16 69 eP 05 58.00 14.7X
S 06 36.50
S.D. = 0.6 on 9 of 10 obs.

JUN 12, 1994 10h 31m 12.40± 0.41s
31.619 N ± 7.0km 131.702 E ± 6.2km
DEPTH = 34.9km (7 depth phases)
4.6mb (28 obs.) 4.8Msz (1 obs.)
KYUSHU, JAPAN (235)

KAGJ 0.82 238 P 31 29.20 1.7
eS 31 42.20
KUMJ 1.18 321 P 31 35.60 3.0
eS 31 53.10
SHNJ 2.55 349 P 31 53.70 1.5
SHK 3.02 15 eP 32 01.80 2.9
TKSJ 3.08 39 P 31 59.50 -0.3
eS 32 29.10
YONJ 3.85 22 P 32 11.20 0.4
WKYJ 4.18 51 P 32 14.10 -1.3
eS 32 55.80
TSRJ 5.29 41 P 32 30.90 -0.3
MTMJ 7.08 44 P 32 55.80 -0.6
MAT 7.30 46 iPd 32 58.30 -1.1
0.8s 5.22nm 4.5mb
(S) 34 29.00
CHJJ 7.50 52 eP 33 02.00 -0.3
NIIJ 8.23 45 eP 33 12.00 -0.4
SSE 9.01 269 Pc 33 24.00 0.9
0.8s 16.00nm 5.2mb
Z 14s 3.10um 4.4Msz
E 13s 1.80um
pP 33 37.00
sP 33 46.90
S 35 12.00
i 36 07.00
VLA 11.48 1 eP 34 08.00 11.1X
Z 12s 1.10um
N 12s 0.60um
E 13s 7.40um
BJI 15.12 308 eP 34 51.00 5.9X
1.2s 39.00nm 4.6mb
Z 16s 3.22um 4.8MszX
E 13s 2.40um
eS 37 52.00
eSS 38 12.00
YSS 17.55 26 (P) 35 24.00 8.2X
GUMO 21.64 143 eP 35 58.10 -3.6X
LZH 23.52 289 eP 36 20.00 -0.4
2.0s 70.00nm 4.8mb
Z 12s 2.53um 4.9MszX
E 11s 1.26um
pP 36 28.00 29km
sP 36 33.00
ePP 37 00.00
eS 40 47.00
sS 41 01.00
CIT 24.30 332 eP 36 28.00 0.4
KMI 26.24 263 eP 36 46.00 -0.4
0.8s 10.00nm 4.5mb
Z 14s 1.40um 4.7MszX
N 14s 0.80um
E 14s 0.90um
pP 36 55.80 36km
ZAK 28.22 320 eP 37 02.00 -1.8
1.4s 12.00nm 4.4mb
CHTO 32.13 255 ePc 37 38.80 -0.1
IPM 39.39 233 ePd 38 41.10 0.4
LEM 44.62 215 iPd 39 26.70 3.2X
ILT 46.20 24 eP 39 34.00 -1.3
i 39 44.00 33km
NDI 46.80 281 eP 39 40.00 -0.6
BRVK 48.52 315 iPc 39 52.00 -1.8
1.0s 10.00nm 4.8mb
Z 12s 0.68um 4.8MszX
N 12s 0.41um
E 13s 0.69um
WB2 51.33 177 eP 40 14.90 -0.6
0.8s 3.40nm 4.4mb
WRA 51.33 177 P 40 27.40 11.9X
1.1s 1.40nm
WRA 51.33 177 P 40 33.50 18.0X
1.5s 1.90nm
WRA 51.33 177 P 40 03.00 -12.5X
1.6s 0.70nm
WRA 51.33 177 P 40 09.10 -6.4X
1.7s 0.50nm 3.2mb X
WRA 51.33 177 P 40 15.10 -0.4
0.8s 2.80nm 4.3mb
GBA 52.67 263 P 40 24.80 -1.0
0.6s 3.00nm 4.4mb
SVE 53.99 320 eP 40 34.00 -0.9
Z 13s 0.60um 4.8MszX
N 13s 0.10um
E 13s 0.40um
TTA 54.36 32 (P) 40 37.44 -0.3
0.9s 2.26nm 4.2mb
SVW 54.59 35 eP 40 40.50 1.1
0.8s 4.30nm 4.5mb
ASPA 55.01 178 eP 40 45.10 2.3
0.6s 5.50nm 4.8mb
IMA 55.35 29 eP 40 44.96 0.0
1.0s 10.23nm 4.8mb
PMR 57.67 34 eP 41 01.30 0.0
0.4s 2.00nm 4.5mb
FBA 57.87 30 eP 41 03.50 0.8
0.7s 2.00nm 4.3mb
TOA 58.98 33 e(P) 41 13.20 2.6
0.8s 13.00nm 5.1mb
STKA 63.84 171 eP 41 43.20 -0.3
0.8s 5.40nm 4.7mb
MOS 66.68 322 eP 42 10.00 8.4X
Z 16s 0.50um 4.8MszX
e 42 26.00 58kmX
OBN 67.46 322 eP 42 04.00 -2.6
1.5s 30.00nm 5.2mb
e 42 14.00 32km
KAF 69.27 331 iP 42 24.90 7.2X
0.9s 13.30nm 5.0mb
NUR 70.76 330 eP 42 25.00 -1.7
YKA 72.37 26 P 42 36.60 0.2
0.8s 2.30nm 4.2mb
HFS 75.45 333 eP 42 52.50 -1.8
0.5s 1.30nm 4.2mb
Z 15s 0.19um 4.5MszX
LR 18 13.00
NB2 75.81 334 P 42 55.00 -1.4
0.9s 5.90nm 4.6mb
NEW 79.50 39 eP 43 16.95 -0.1
1.0s 2.95nm 4.2mb
CLL 81.43 326 e(P) 43 36.00 9.0X
1.0s 11.00nm 4.8mb
i 43 48.70 43km
PRU 81.54 325 eP 43 37.00 9.3X
Z 18s 0.40um 4.8Msz
e 43 38.00 3kmX
KHC 82.58 324 eP 43 42.00 8.9X
1.0s 3.50nm 4.4mb
Z 14s 0.60um 5.1MszX
N 14s 0.30um
E 14s 0.20um
e 43 48.50 21kmX
e 44 06.00
GEC2 82.70 324 P 43 32.90 -1.0
0.6s 0.42nm 3.7mb
e 43 37.30 14kmX
PcP 43 43.10
e 43 55.10
EMUT 88.31 43 (P) 44 01.66 -0.5
SRU 88.94 44 (P) 44 06.40 1.3
RSSD 89.08 37 eP 44 05.17 -0.5
1.3s 8.50nm 4.9mb
PV09 90.16 43 (P) 44 12.18 1.2
e 44 24.16 39km
PV10 90.30 43 eP 44 13.31 1.8
e 44 23.97 33km
PV08 90.39 43 (P) 44 13.52 1.5
S.D. = 1.3 on 47 of 61 obs.

% JUN 12, 1994 10h 53m 25.57± 0.66s
39.051 N ± 6.0km 27.822 E ± 7.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

IZM 0.79 214 ePg 53 40.60 -0.3
eSg 53 52.60
DST 0.84 48 iPn 53 41.70 0.0
KCT 1.27 19 iPn 53 49.10 0.0
EDC 1.29 1 ePn 53 49.00 -0.5
EZN 1.39 304 ePn 53 51.50 0.5
KHL 1.52 118 ePn 53 53.00 0.2
YLV 1.93 38 iPn 53 59.00 0.2
S.D. = 0.4 on 7 of 7 obs.

% JUN 12, 1994 11h 01m 44.43± 0.59s
40.647 N ± 5.4km 29.924 E ± 4.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.5 (ISK). Felt at Izmit.

EYL 0.20 114 iPg 01 49.10 0.3
HRT 0.26 312 iPg 01 50.20 0.2
YLV 0.43 259 iPg 01 52.10 -1.1
GPA 0.46 140 iPg 01 53.10 -0.8
IZI 0.46 228 iPg 01 53.60 -0.3
ISK 0.78 303 iPg 01 58.90 -0.7
eSg 02 09.90
CTT 1.24 294 ePg 02 07.40 0.0
KCT 1.26 252 iPn 02 08.10 0.2
DST 1.44 224 ePn 02 10.70 0.1
BNT 1.56 260 iPn 02 13.20 1.0
EDC 1.60 260 iPn 02 13.00 0.2
DMK 2.01 306 iPn 02 19.00 0.2
MFT 2.01 275 ePn 02 18.10 -0.8
KHL 2.34 188 ePn 02 24.00 0.3
EZN 2.87 255 ePn 02 32.00 0.9
S.D. = 0.7 on 15 of 15 obs.

? JUN 12, 1994 11h 26m 32.27± 6.21s
39.936 N ±31.1km 23.999 E ±36.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PAIG 0.25 268 iPg 26 37.27 -0.2
eSg 26 41.62
OUR 0.40 358 iPg 26 40.62 0.2
eSg 26 46.62
SOH 1.01 331 ePg 26 51.18 -0.3
iSg 27 04.14
THE 1.05 312 ePg 26 52.26 0.2
eSg 27 06.62
LIT 1.17 279 ePb 26 54.46 0.3
iSb 27 10.14
KNT 1.48 326 ePb 26 58.62 -0.4
eSb 27 20.02
GRG 1.59 310 ePb 27 00.74 0.2
eSb 27 21.90
S.D. = 0.3 on 7 of 7 obs.

% JUN 12, 1994 12h 05m 20.06± 0.84s
39.172 N ± 7.3km 27.633 E ± 8.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.83 201 ePg 05 36.00 -0.1

```
                  eSg    05 48.00
DST     0.88  60 iPn    05 37.20   0.1
EDC     1.19   9 ePn    05 42.00  -0.2
EZN     1.20 303 iPn    05 42.60   0.1
KCT     1.21  27 ePn    05 42.60   0.0
   S.D. = 0.2  on    5 of   5 obs.
-------------------------------------
% JUN  12, 1994  12h 09m 36.53± 1.04s
   61.484 N ± 7.6km    5.128 E ±11.6km
   DEPTH =   5.0km  (geophysicist)
 SOUTHERN NORWAY                 (535)
      MD 2.3 (BER).

FOO     0.12 341 iPc    09 39.16   0.1
        0.3s   199.20nm
                  eS     09 44.81
SUE     0.46 203 eP     09 47.36   1.5
        0.2s    48.30nm
                  eS     10 00.20
                  e      10 02.34
HYA     0.60 122 eP     09 49.58   1.0
        0.4s   156.70nm
                  eS     10 03.82
                  e      10 06.66
ASK     1.01 178 eP     09 56.41   0.4
        0.2s    44.30nm
                  eS     10 17.69
EGD     1.22 178 eP     09 59.09  -0.5
        0.3s    42.70nm
                  eS     10 23.32
ODD1    1.74 154 eP     10 06.98  -0.6
BLS5    2.17 162 eP     10 44.90  31.1X
KMY     2.28 178 eP     10 13.50  -1.9
   S.D. = 1.4  on    7 of   8 obs.
-------------------------------------
% JUN  12, 1994  12h 12m 46.02± 0.49s
   40.427 N ± 4.9km   29.303 E ± 4.0km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
      ML 2.8 (ISK).

YLV     0.15  21 iPg    12 50.10   0.6
                 iSg    12 53.10
IZI     0.16 125 iPg    12 50.20   0.5
                 eSg    12 53.30
HRT     0.48  35 iPg    12 55.20  -0.6
                 iSg    13 02.20
ISK     0.66 344 ePg    12 58.90  -0.3
EYL     0.67  78 iPg    12 59.10  -0.3
KCT     0.74 256 iPn    13 00.10  -0.5
DST     0.97 212 ePn    13 04.40  -0.1
CTT     0.98 318 iPn    13 05.40   0.8
BNT     1.06 267 ePn    13 05.70  -0.3
EDC     1.10 266 ePn    13 07.00   0.3
   S.D. = 0.6  on   10 of  10 obs.
-------------------------------------
? JUN  12, 1994  12h 27m 13.95± 1.18s
   39.152 N ± 9.8km   27.473 E ±18.8km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
      ML 2.7 (ISK).

IZM     0.77 192 ePg    27 29.00   0.0
                 eSg    27 41.50
DST     1.00  63 ePn    27 33.10   0.1
EDC     1.23  14 ePn    27 37.00   0.2
KCT     1.29  32 ePn    27 37.60  -0.3
   S.D. = 0.3  on    4 of   4 obs.
-------------------------------------
? JUN  12, 1994  12h 53m 48.44± 6.89s
   40.048 N ±49.5km   28.084 E ± 9.9km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
      ML 2.8 (ISK).

KCT     0.29  46 iPg    53 54.10  -0.4
                 iSg    54 00.10
BNT     0.33 338 ePg    53 54.70  -0.6
                 eSg    54 01.70
EDC     0.34 331 iPg    53 55.50   0.0
                 iSg    54 02.00
MFT     0.96 321 iPn    54 07.10   0.4
CTT     1.13  13 ePn    54 10.60   1.0
   S.D. = 0.9  on    5 of   5 obs.
-------------------------------------
   JUN  12, 1994  13h 01m 52.79± 1.62s
   30.876 N ±13.2km  116.770 W ± 7.0km
   DEPTH =   5.0km  (geophysicist)
   3.9mb (  4 obs.)
  BAJA CALIFORNIA, MEXICO           ( 48)

IKP      1.86  18 P      02 25.48  -0.1
CPE      2.02 352 P      02 33.36   5.5X
CBKC     2.06  12 P      02 29.03   0.5
ERPC     2.09  27 P      02 30.48   1.7
JULC     2.17   3 P      02 29.52  -0.7
BON      2.22  35 P      02 33.80   3.1X
YAQ      2.31   9 P      02 33.29   1.1
EMSC     2.40  39 P      02 36.95   3.6X
PLM      2.47 358 eP     02 33.11  -1.4
COY      2.51   9 P      02 34.50  -0.4
YMD      2.53  48 P      02 34.22  -0.9
RUN      2.59  36 P      02 34.65  -1.3
BATC     2.69  17 P      02 41.12   3.6X
FRK      2.69  21 P      02 36.90  -0.7
LAQC     2.78   8 P      02 38.49  -0.2
POB      2.81 357 P      02 38.97  -0.3
MECC     2.82  13 P      02 43.61   4.2X
CIS      2.88 332 P      02 56.56  16.3X
FRGC     2.93  12 P      02 41.22   0.2
PEC      3.03 354 eP     02 41.41  -0.9
MDA      3.03 356 P      02 46.36   3.9X
VPD      3.05 344 P      02 52.29   9.7X
INS      3.09   9 P      02 43.24  -0.1
WWR      3.11   2 P      02 49.41   6.0X
RAY      3.15 359 P      02 49.13   4.9X
CO2      3.20  22 P      02 44.43  -0.3
CPM      3.30   8 P      02 46.68   0.4
RMR      3.33   3 P      02 46.93   0.1
BTL      3.38 357 P      02 51.93   4.4X
PEM      3.41 344 P      02 57.09   9.3X
SSK      3.42 347 eP     02 46.88  -1.1
                  eS     03 35.22
CSP      3.45 352 eP     02 47.43  -1.0
CFL      3.61 343 P      03 02.61  12.0X
SBB      3.90 347 P      02 58.70   3.9X
HOD      3.97 354 P      02 59.49   3.7X
SWM      4.12 339 P      03 03.86   5.9X
BLKC     4.22 355 P      03 03.05   3.9X
GSC      4.41 360 eP     03 01.36  -0.7
XMS      4.66 354 P      03 07.42   1.9
WSHM     4.78 353 P      03 10.31   3.0X
CLC      4.98 352 P      03 13.48   3.5X
ISA      4.98 344 eP     03 10.01  -0.1
TOW      4.99 351 P      03 14.25   4.1X
BCH      5.12 328 eP     03 11.43  -0.7
TUC      5.30  73 eP     03 14.82   0.1
TPNV     6.07   4 eP     03 25.01  -0.6
MTUM     6.63 348 (P)    03 34.19   0.7
MEMM     7.01 346 (P)    03 38.64   0.1
BONR     7.17 350 eP     03 41.41   0.2
TNP      7.20 357 eP     03 40.83  -0.6
ARUT     7.42  21 (P)    03 45.18   0.6
MSU      8.50  25 eP     04 01.79   2.0
SRU      9.68  30 eP     04 16.37   0.4
PV10     9.82  38 eP     04 19.52   1.5
DUG      9.84  18 eP     04 18.06  -0.1
PV09     9.86  38 eP     04 17.70  -0.9
EMUT    10.15  27 eP     04 23.00   0.5
PV08    10.18  39 (P)    04 21.26  -1.7
DAU     10.52  24 (P)    04 27.82   0.2
LBFM    11.24 340 (P)    04 37.63   0.3
HVU     11.35  15 (P)    04 37.44  -1.3
GOL     12.80  43 (P)    04 58.18  -0.3
LRM     15.30  12 eP     05 35.00   3.7X
WMOK    15.61  71 eP     05 35.60   0.5
         1.0s     11.28nm         4.1mb
MEO     15.77  71 iPc    05 41.60   4.3X
LON     16.32 348 (P)    05 45.36   1.1
RSSD    16.61  34 eP     05 48.57   0.5
         1.2s     10.81nm         3.9mb

RMW     17.01 348 (P)    05 53.59   0.6
NEW     17.37 359 eP     05 59.03   1.6
         1.1s     10.33nm         3.9mb
MIAR    19.85  73 eP     06 26.95  -0.5
         1.0s      6.48nm         3.9mb
    S.D. = 0.9  on   48 of  70 obs.
-------------------------------------
% JUN  12, 1994  13h 20m 17.38± 3.38s
  34.142 S ±19.2km   70.429 W ±17.9km
  DEPTH =  10.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION   (127)

CACH     0.14 280 iP+    20 21.29   0.4
                  iS     20 23.46
CHCH     0.28 318 iP     20 23.67   0.4
                  iS     20 27.56
PCH      0.52 352 iP+    20 28.08   0.0
                  iS     20 35.25
TACH     0.65 319 iP     20 29.81  -0.5
                  iS     20 38.39
FCH      0.82   8 iPd    20 33.45   0.0
                  iS     20 44.45
LNV      0.84 283 eP     20 33.15  -0.4
                  iS     20 43.73
    S.D. = 0.5  on    6 of   6 obs.
-------------------------------------
   JUN  12, 1994  13h 53m 07.57± 0.20s
   10.615 S ± 4.3km  112.600 E ± 5.0km
   DEPTH =  34.2km  (  6 depth phases)
 5.3mb ( 33 obs.)
 SOUTH OF JAWA, INDONESIA          (282)

LEM      6.20 307 ePd    54 40.00   0.6
                  eS     55 52.00
NANU    12.21 167 iPd    55 54.20  -7.8X
         0.3s     15.00nm         5.6mb
                  eS     57 59.00
MBL     12.58 147 eP     55 58.30  -8.7X
                  iS     58 05.50
KGM     15.58 323 eP     56 48.00   1.5
TSM     15.71  20 eP     56 52.00   3.8X
MEEK    16.92 161 eP     56 57.40  -6.1X
                  iS     59 12.00
KKM     16.94  12 ePd    57 02.50  -1.3
MTN     18.28  99 eP     57 21.00   0.6
MRWA    18.78 171 iPd    57 20.80  -5.7X
                  eS     00 34.00
IPM     18.99 322 ePc    57 27.80  -1.3
BAL     20.26 170 eP     57 40.00  -2.9
                  eS     01 10.00
WARB    20.40 141 eP     57 42.20  -2.2
         0.5s     16.00nm         4.6mb
TLE     20.55  78 ePd    57 44.00  -2.0
SWI     20.92  64 ePc    57 48.00  -1.8
PPR     21.15  17 eP     58 02.00   9.8X
PPR     21.15  17 ePd    57 51.50  -0.7
SNG     21.32 325 eP     57 54.00   0.1
KLB     21.42 168 eP     57 57.00   2.2
                  eS     01 36.00
MUN     21.52 172 eP     57 54.00  -1.8
                  eS     02 40.00
DAV     21.82  37 ePc    58 04.00   5.1X
WOOL    22.06 159 iPc    58 00.20  -1.0
                  iS     01 48.50
WB2     22.92 116 iPc    58 08.40  -1.4
         0.8s     97.40nm         5.3mb
BIP     23.13  36 eP     58 15.00   3.2X
MAP     23.68  29 iP     58 18.50   1.3
ASPA    24.10 125 iPd    58 20.60  -0.6
         0.7s     52.60nm         5.2mb
                  eS     02 42.80
PLP     24.89  30 ePc    58 29.00   0.1
PGP     25.35  19 ePc    58 34.00   0.7
NNT     26.36 331 eP     58 45.00   2.4
BAG     27.99  16 ePc    58 59.00   1.4
NST     28.89 335 eP     59 06.00   0.5
CVP     29.58  18 eP     59 20.00   8.3X
LOE     29.84 339 iPd    59 13.80  -0.3
BDT     30.77 334 eP     59 22.00  -0.3
         1.0s     55.20nm         5.3mb
CHTO    32.19 335 ePc    59 34.70  -0.1
         0.9s     19.18nm         5.0mb
CTA     33.73 110 eP     59 49.00   0.8
                  e      00 09.50  88kmX
ADE     33.96 140 eP     59 49.90  -0.2
STKA    34.13 133 iPd    59 50.40  -1.2
         0.7s     89.60nm         5.8mb
KMI     36.80 345 P+     00 16.00   1.5
         1.2s     60.00nm         5.3mb
      Z  15s      1.30um        4.8MszX
      N  14s      0.70um
      E  14s      0.60um
                  pP     00 28.00  44km
                  sP     00 33.50
                  eS     05 46.00
                  sS     06 03.00
                  ScS    10 32.00
TOO     39.91 138 eP     00 40.90   0.7
         1.0s     50.00nm         5.2mb
GUMO    40.04  54 eP     00 40.50  -0.9
```

12d 14h

PJG 40.04 54 eP 00 40.50 -1.0
GUA 40.05 54 eP 00 40.50 -1.0
BWA 40.36 132 eP 00 45.50 1.5
CAN 41.20 133 eP 00 50.80 0.0
CAN 41.20 133 eP 00 50.90 0.1
e 02 34.50 595kmX
ARMA 41.24 124 eP 00 52.50 1.2
i 02 51.40
CNB 41.46 132 eP 00 53.40 0.4
SSE 42.28 11 Pc 01 01.30 1.7
1.4s 50.00nm 5.1mb
Z 20s 0.50um 4.4Msz
pP 01 10.40 31km
i 01 21.50
i 01 38.00
S 07 20.00
sS 07 40.00
GBA 42.38 304 Pd 00 59.40 -1.2
0.7s 10.00nm 4.7mb
GBA 42.38 304 Pd 01 10.00 9.4X
1.0s 13.00nm 4.6mb
HYB 43.68 309 eP 01 10.00 -1.2
ODAN 44.57 327 P 01 18.06 -0.6
TAPN 44.80 328 P 01 20.14 -0.4
0.9s 85.00nm 5.6mb
RAMN 45.07 326 P 01 21.98 -0.6
JIRN 45.85 327 P 01 28.46 -0.5
PKI 46.21 326 P 01 30.66 -1.1
GUN 46.22 327 P 01 31.28 -0.5
0.7s 106.00nm 5.9mb
DMN 46.41 326 P 01 32.36 -0.8
KKN 46.45 326 P 01 32.48 -1.0
GKN 46.97 325 P 01 36.50 -1.0
LZH 47.18 350 eP 01 39.00 0.0
1.4s 66.00nm 5.4mb
Z 27s 0.53um 4.4MszX
N 13s 0.48um
pP 01 49.50 36km
sP 01 53.00
PP 03 29.00
eS 08 28.00
sS 08 44.00
KOLN 47.38 324 P 01 39.82 -1.0
0.7s 68.00nm 5.8mb
DANN 47.73 325 P 01 42.28 -1.4
POO 47.96 307 iPc 01 46.50 1.2
PYUN 47.98 324 P 01 44.26 -1.3
TKSJ 48.81 24 P 01 51.90 0.3
WKYJ 49.65 25 eP 01 57.80 -0.3
YONJ 49.65 23 P 01 57.80 -0.2
BJI 50.50 4 eP 02 04.00 -0.4
1.6s 30.00nm 5.0mb
Z 20s 0.60um 4.6Msz
epP 02 13.50 32km
esP 02 20.00
eS 09 14.00
NDI 51.91 320 eP 02 12.50 -2.8
MAT 52.74 26 (P) 02 15.00 -6.4X
1.5s 27.78nm 5.0mb
eS 09 04.00
HOOJ 59.77 26 eP 03 20.50 8.9X
ASAJ 60.92 24 eP 03 28.70 9.3X
KUSJ 60.96 26 eP 03 28.70 9.0X
ZAK 61.28 353 ePc 03 22.00 0.3
1.4s 37.00nm 5.3mb
e 05 39.00 750kmX
e 11 43.00
e 13 05.00
CIT 62.36 1 eP 03 30.20 1.1
IRK 63.04 354 eP 03 42.00 8.5X
1.4s 28.00nm 5.2mb
Z 18s 0.22um 4.4Msz
FRU 63.51 330 eP 03 36.20 -0.6
2.0s 60.00nm 5.4mb
e 03 47.00 35km
e 04 16.00
BOD 68.23 1 eP 04 14.00 7.3X
MAIO 68.35 316 eP 04 07.00 -1.0
ASH 70.00 317 eP 04 17.50 -0.5
BRVK 72.97 335 iPd 04 34.50 -1.0
1.1s 29.00nm 5.2mb
Z 16s 0.10um 4.2MszX
N 16s 0.10um
E 16s 0.15um
eS 13 57.50
YAK 73.63 8 iP 04 38.70 -0.4
1.0s 201.00nm 6.1mb

SYO 74.11 201 ePd 04 39.60 -2.3
KER 76.43 309 ePd 04 55.00 -1.0
BFT 78.83 246 eP 05 17.50 8.0X
0.7s 13.00nm 5.0mb
SPA 79.45 180 iPd 05 11.50 -0.5
1.1s 16.07nm 4.9mb
SVE 79.61 334 ePd 05 12.00 -0.7
1.5s 65.00nm 5.4mb
SLR 80.40 246 iPc 05 17.60 -0.2
0.7s 44.00nm 5.6mb
GRM 80.96 238 iPd 05 22.00 1.4
0.7s 20.00nm 5.2mb
KSR 81.62 245 iPc 05 25.00 0.7
0.8s 26.00nm 5.3mb
BLF 81.81 242 eP 05 25.60 0.4
BOSA 82.55 242 eP 05 29.00 0.2
PYA 83.05 317 iPc 05 31.30 0.2
OBN 90.75 326 eP 06 09.00 0.8
1.2s 40.00nm 5.6mb
e 06 18.00 28km
e 09 46.00
WIN 90.99 247 iPd 06 11.50 1.2
1.0s 30.00nm 5.6mb
ILT 91.96 21 eP 06 14.00 0.4
1.4s 18.00nm 5.3mb
BCAO 94.79 274 iPc 06 28.00 0.2
0.5s 13.00nm 5.6mb
MLR 95.15 315 eP 06 28.00 -0.9
LRM 128.06 39 ePKP 12 13.50 1.2
GSC 128.94 53 ePKP 12 15.00 1.0
HHAI 129.26 42 (PKP) 12 14.43 0.0
HVU 129.64 44 ePKP 12 16.93 1.7
DAU 131.26 45 (Pdiff09 08.58 -1.9
EMUT 131.82 45 (PKP) 12 19.31 -0.3
PV08 133.87 46 ePKP 12 24.25 0.6
RSSD 134.04 37 ePKP 12 23.67 0.0
GOL 135.59 43 ePKP 12 27.73 1.0
ALQ 137.01 49 ePKP 12 30.67 1.1
WMOK 142.66 45 ePKP 12 34.96 -4.5X
MEO 142.77 45 iPKPc 12 32.50 -7.2X
TUL 143.99 41 iPKPc 12 40.40 -1.3
ITR 145.33 237 ePKP 12 33.60 -11.0X
e 12 44.20
ELF 145.36 18 PKP 12 44.50 0.7
LDN 145.54 18 PKP 12 45.00 0.9
DLA 145.58 19 PKP 12 45.50 1.3
RSNY 145.63 9 ePKP 12 44.62 0.4
FVM 145.80 33 ePKP 12 45.27 0.6
MIAR 146.26 41 ePKP 12 46.40 0.8
LBNH 146.27 6 ePKP 12 46.73 1.4
YSNY 146.80 15 ePKP 12 47.11 0.9
BINY 147.65 12 ePKP 12 50.68 3.1X
e 13 00.98
MOCB 148.29 183 PKP 12 51.90 2.1
TBR 149.00 10 (PKP) 12 51.59 1.9
GMTN 149.26 10 iPKP 12 55.50 5.4X
NAV 150.80 22 ePKP 12 53.82 1.2
ePKPbc12 58.83
CVL 151.00 18 ePKP 12 52.65 -0.2
ePKPbc12 59.67
CEH 152.69 21 (PKP) 12 56.31 1.0
ARE 152.79 171 ePKP 13 06.00 9.6X
PRM 152.92 28 ePKP 12 56.71 1.0
e 13 04.37
LPB 153.02 179 PKP 13 05.80 8.9X
JSC 153.25 26 ePKP 12 57.46 1.3
LHS 153.27 25 ePKP 12 56.93 0.7
S.D. = 1.1 on 109 of 133 obs.

? JUN 12, 1994 14h 00m 20.06± 0.57s
10.967 S ±12.8km 112.291 E ±16.6km
DEPTH = 33.0km (normal)
4.9mb (1 obs.)
SOUTH OF JAWA, INDONESIA (282)

NANU 11.94 165 eP 03 09.00 -2.0
eS 05 04.00
MBL 12.46 145 eP 03 13.00 -4.9X
iS 05 22.00
PPR 21.58 17 ePc 05 07.00 -2.1
WB2 23.04 115 iPd 05 23.60 0.0
0.6s 34.30nm 5.0mb X
ASPA 24.15 124 iPc 05 35.60 1.3
0.7s 24.40nm 4.9mb
STKA 34.12 132 iPd 07 05.40 1.3
0.7s 27.90nm 5.3mb X
KMI 37.06 346 eP 07 40.00 10.7X

1.0s 20.00nm
pP 07 48.50 29kmX
JIRN 45.98 327 P 08 43.03 0.5
PKI 46.33 326 P 08 45.09 -0.2
GUN 46.34 327 P 08 45.71 0.3
DMN 46.53 326 P 08 47.03 0.3
GKN 47.09 326 P 08 50.99 -0.1
KOLN 47.49 325 P 08 54.27 0.0
DANN 47.85 325 P 08 57.21 0.0
PYUN 48.09 324 P 08 59.59 0.6
S.D. = 1.1 on 13 of 15 obs.

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* JUN 12, 1994 14h 01m 14.67± 2.33s
30.516 N ±18.9km 116.757 W ± 7.7km
DEPTH = 5.0km (geophysicist)
3.3mb (1 obs.)
BAJA CALIFORNIA, MEXICO (48)

YUH 2.24 18 P 01 53.18 0.2
CBKC 2.41 10 P 01 55.99 0.5
EMSC 2.68 34 P 02 04.11 4.9X
BRGC 2.69 10 P 01 59.13 -0.3
PLM 2.83 358 eP 02 00.42 -1.2
COY 2.86 7 P 02 01.50 -0.4
FRK 3.03 18 eP 02 03.85 -0.3
LAQC 3.13 7 P 02 09.00 3.5X
POB 3.16 357 P 02 10.30 4.1X
CTW 3.24 13 P 02 06.71 -0.5
PEC 3.38 354 eP 02 08.50 -0.8
RAY 3.51 359 P 02 11.65 0.4
CO2 3.53 19 P 02 11.39 0.1
PNMC 3.54 13 P 02 12.07 0.5
CPM 3.66 7 P 02 13.72 0.5
RMR 3.69 2 P 02 14.13 0.4
PEM 3.76 346 P 02 24.02 9.4X
SSK 3.77 348 eP 02 13.65 -1.2
eS 03 07.21
CSP 3.80 352 eP 02 14.35 -1.0
eS 03 08.94
GRP 4.38 13 P 02 23.94 0.4
HYS 4.39 351 P 02 24.90 1.3
GSC 4.77 360 ePn 02 28.53 -0.5
DTP 4.83 349 P 02 29.93 0.1
WSHM 5.14 353 P 02 34.09 -0.1
ISA 5.33 345 ePn 02 36.21 -0.7
WHFM 5.34 346 P 02 37.64 0.6
TUC 5.41 69 ePn 02 37.46 -0.6
BCH 5.43 330 eP 02 38.86 0.4
TPNV 6.43 4 eP 02 52.69 0.1
MEMM 7.36 346 ePn 03 06.28 0.9
ARUT 7.76 20 (Pn) 03 10.51 -0.6
MSU 8.83 24 ePn 03 25.74 -0.4
SRU 9.98 29 ePn 03 42.83 0.8
PV10 10.10 37 (Pn) 03 44.13 0.4
PV09 10.14 36 ePn 03 44.78 0.5
RMW 17.36 348 (P) 05 22.30 3.0X
NEW 17.73 359 (P) 05 24.39 0.6
1.0s 2.34nm 3.3mb
S.D. = 0.7 on 32 of 37 obs.

? JUN 12, 1994 14h 05m 45.27± 1.11s
19.611 N ±51.5km 102.900 W ±11.6km
DEPTH = 33.0km (normal)
MICHOACAN, MEXICO (57)

CGX 0.54 280 iP 05 56.60 0.0
iS 06 08.50
MRX 1.61 86 iPd 06 11.10 -0.7
iS 06 31.30
CRX 3.04 93 iP 06 36.50 4.0X
III 3.47 110 iP 06 38.00 -0.5
iS 07 20.00
ACX 3.97 133 iP 06 54.70 9.2X
iS 07 31.50
PPM 4.07 97 iP 06 48.50 1.2
S.D. = 1.5 on 4 of 6 obs.

? JUN 12, 1994 14h 08m 14.09± 1.60s
51.135 N ±15.7km 15.915 E ± 9.0km
DEPTH = 10.0km (geophysicist)
POLAND (548)

BRG 1.27 259 iPg 08 37.60 -0.1
iSg 08 57.80
PRU 1.44 218 ePn 08 40.10 -0.2
0.4s 7.10nm
iPg 08 42.10

```
                Sn     08 59.00
                Sg     09 05.60
CLL    1.84 277 ePg    08 46.00   0.1
                eSg    09 14.00
OKC    1.93 132 e(Pg)  08 47.20   0.0
                e(Sg)  09 13.40
KHC    2.51 218 Pn     08 55.50  -0.1
                Pg     09 01.50
                e      09 08.40
                e      09 33.50
                eSg    09 39.00
GEC2   2.70 213 Pn     08 58.70   0.3
MOX    2.77 261 ePg    09 05.70   6.4X
                eSg    09 45.10
   S.D. = 0.2  on   6 of   7 obs.
-------------------------------------
  JUN 12, 1994  14h 43m 26.17± 0.29s
  40.550 N ± 4.0km    27.370 E ± 2.6km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
     ML 3.3 (ISK). MD 3.3 (ATH).

MFT    0.25 344 iPg    43 31.50   0.0
EDC    0.43 118 iPg    43 35.00   0.1
                iSg    43 40.00
BNT    0.46 115 iPg    43 35.20  -0.4
                iSg    43 41.20
KCT    0.81 111 iPg    43 41.10  -0.8
                iSg    43 53.10
CTT    1.00  53 iPn    43 45.10   0.0
ALN    1.06 289 iPg    43 46.26   0.1
                eSg    44 00.22
EZN    1.08 228 iPn    43 47.10   0.7
DMK    1.30  13 iPn    43 50.20  -0.1
DST    1.35 134 ePn    43 52.00   1.0
ISK    1.38  68 ePn    43 51.60   0.2
RDO    1.51 294 iPbd   43 54.30   1.0
YLV    1.53  89 ePn    43 53.50  -0.1
PRK    1.55 213 ePn    43 55.50   1.7
                eSn    44 17.50
IZI    1.62  97 ePn    43 55.00   0.1
HRT    1.77  80 iPn    43 56.40  -0.7
KDZ    1.84 307 iPc    43 59.00   0.9
JMB    2.00 343 eP     44 05.00   4.6X
DIM    2.04 318 iPc    44 03.00   2.1
EYL    2.12  89 ePn    44 02.00  -0.3
IZM    2.15 182 ePn    44 03.00   0.4
RZN    2.30 300 iPd    44 05.00   0.0
PLD    2.54 309 iPc    44 08.00  -0.1
OUR    2.59 266 ePn    44 08.26  -0.6
                eSn    44 38.70
PAIG   2.89 259 ePn    44 10.74  -2.4
SRS    2.92 282 ePn    44 12.90  -0.6
                eSn    44 48.70
MMB    2.94 292 iPd    44 14.00   0.1
SOH    3.07 276 ePn    44 14.14  -1.4
                eSn    44 49.34
PVL    3.07 331 eP     44 16.00   0.5
KNT    3.45 282 ePn    44 21.05   0.1
KKB    3.49 294 iPc    44 21.00  -0.6
VAY    3.72 284 ePn    44 24.00  -0.8
   S.D. = 0.9  on  30 of  31 obs.
-------------------------------------
* JUN 12, 1994  15h 17m 22.58± 0.57s
  26.375 S ± 5.6km    27.499 E ± 5.8km
  DEPTH =   5.0km  (geophysicist)
  3.8mb ( 1 obs.)
 REPUBLIC OF SOUTH AFRICA        (584)
     ML 3.5 (PRE).

PRY    0.55 182 eP     17 33.20  -0.4
                S      17 38.90
KSR    0.74 313 iPd    17 36.80  -0.6
                S      17 45.00
BFS    0.82 231 iPd    17 39.80   0.7
                S      17 49.80
SLR    0.95  48 iPd    17 41.00  -0.2
                S      17 52.50
SEK    1.94 177 eP     17 57.90   1.2
                S      18 22.10
SWZ    2.10 247 eP     18 00.10   1.1
                S      18 25.70
BFT    2.39  74 iPc    18 04.00   0.8
                S      18 31.50
NWL    2.57 122 eP     18 05.40  -0.2
                S      18 36.70
BOSA   2.90 219 eP     18 11.30   1.1

                S      18 46.30
BLF    2.96 203 eP     18 11.70   0.4
                S      18 44.50
FRS    3.87 209 iPd    18 22.30  -1.8
                S      19 06.40
HVD    4.57 202 eP     18 32.10  -2.0
                S      19 12.50
BUL    6.29  10 iPn    19 48.80  50.4X
                iSn    20 58.50
                iSb    21 12.30
                iSg    21 27.10
GRM    6.96 186 eP     19 13.00   5.2X
                S      20 33.00
POF    7.32 244 eP     19 13.00   0.2
                S      20 34.00
SUR    8.35 223 iPd    18 30.50 -57.0X
                S      20 11.50
CER    9.96 224 eP     19 22.50 -26.9X
                S      20 10.50
WIN   10.20 290 eP     19 49.00  -4.0X
                S      21 41.00
GEC2  75.89 351 P      29 11.60  -0.1
       1.0s     0.95nm         3.8mb
   S.D. = 1.1  on  14 of  19 obs.
-------------------------------------
? JUN 12, 1994  16h 13m 25.12± 1.91s
  38.885 N ±11.8km    26.669 E ±20.6km
  DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                      (365)
     ML 3.0 (ISK).

IZM    0.67 136 iPg    13 38.50   0.0
                iSg    13 50.00
EZN    0.98 344 iPn    13 43.70   0.1
EDC    1.73  32 ePn    13 55.00  -0.4
KCT    1.89  43 ePn    13 58.00   0.3
   S.D. = 0.5  on   4 of   4 obs.
-------------------------------------
* JUN 12, 1994  16h 37m 36.00± 1.52s
  31.489 N ±17.4km   131.966 E ± 9.9km
  DEPTH =  33.0km  (normal)
  4.3mb ( 2 obs.)
 KYUSHU, JAPAN                   (235)

KAGJ   0.97 252 iP+    37 52.90  -0.4
                eS     38 06.60
KUMJ   1.42 317 P      37 58.90  -0.8
                S      38 15.60
SHNJ   2.73 345 iPd    38 17.00  -1.4
TKSJ   3.04  35 P      38 23.20   0.3
                S      38 58.60
YONJ   3.90  18 P      38 34.80  -0.2
WKYJ   4.09  47 P      38 37.40  -0.5
                S      39 21.30
TSRJ   5.25  39 P      38 55.10   0.9
                S      39 51.50
MAT    7.23  44 eP     39 22.00   0.0
                eS     40 19.00
BJI   15.38 308 eP     41 15.00   2.9
       1.2s    15.00nm         4.1mb
      Z 16s     0.64um         5.1Msz
LZH   23.78 289 eP     42 45.90  -0.7
       2.0s    36.00nm         4.5mb
      Z 14s     0.50um         4.1MszX
      E 12s     0.31um
   S.D. = 1.3  on  10 of  10 obs.
-------------------------------------
? JUN 12, 1994  17h 47m 43.13± 0.57s
  47.219 N ±12.8km   151.828 E ±15.4km
  DEPTH =  33.0km  (normal)
  4.5mb ( 11 obs.)
 KURIL ISLANDS                   (221)

TTA   32.66  42 eP     54 13.90   0.0
       0.2s     1.60nm         4.6mb
SVW   32.77  45 eP     54 15.20   0.4
       0.5s     2.50nm         4.4mb
IMA   33.95  36 eP     54 25.30   0.1
       0.6s     2.60nm         4.3mb
PMR   35.88  44 ePc    54 42.00   0.5
       0.4s     2.70nm         4.5mb
FBA   36.34  39 ePc    54 46.10   0.7
       0.2s     4.50nm         5.0mb
TOA   37.23  43 ePc    54 53.60   0.7
       1.6s    69.10nm         5.3mb
KLU   37.42  44 eP     54 54.61   0.1
                e      54 59.18

LRM   61.61  52 eP     57 59.40  -0.4
SRU   67.10  57 ePc    58 34.43  -1.2
RSSD  67.19  49 eP     58 34.93  -1.2
       0.5s     3.37nm         4.7mb
NB2   67.50 340 P      58 37.60   0.1
       0.5s     0.90nm         4.1mb
HFS   67.71 339 eP     58 38.40  -0.4
       0.4s     1.10nm         4.3mb
WRA   68.68 198 P      58 45.20  -0.1
       0.4s     0.50nm         3.9mb
ASPA  72.39 197 eP     59 08.30   0.6
       0.8s     7.30nm         4.7mb
   S.D. = 0.7  on  14 of  14 obs.
-------------------------------------
% JUN 12, 1994  17h 57m 43.42± 0.69s
  26.385 S ± 5.6km    27.521 E ± 7.8km
  DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA        (584)
     ML 2.5 (PRE).

PRY    0.54 185 eP     57 55.00   0.7
                S      58 02.00
KSR    0.76 313 iPc    57 59.00   0.1
                S      58 07.40
SLR    0.94  47 eP     58 02.00   0.1
                S      58 14.10
SEK    1.93 177 iPd    58 16.80  -0.6
                S      58 40.90
SWZ    2.12 248 eP     58 20.00  -0.1
                S      58 44.70
BOSA   2.90 220 eP     58 31.00  -0.1
                S      59 00.30
BLF    2.96 203 eP     58 32.00  -0.1
                S      59 06.00
   S.D. = 0.5  on   7 of   7 obs.
-------------------------------------
  JUN 12, 1994  18h 12m 04.95± 0.49s
  43.068 N ± 7.0km     0.538 W ± 3.5km
  DEPTH =  10.0km  (geophysicist)
 PYRENEES                        (378)
     ML 2.5 (LDG). mbLg 2.4 (MDD). MD
     2.3 (BTH).

ESCF   0.03 291 Pg     12 06.04  -0.9
OGE    0.11  25 Pg     12 08.06   0.2
ATE    0.12 279 Pg     12 07.47  -0.5
                Sg     12 09.38
JAU    0.13 104 Pg     12 07.71  -0.5
LHE    0.17 202 Pg     12 08.34  -0.5
                Sg     12 10.88
ISSF   0.19 258 Pg     12 08.84  -0.4
                Sg     12 12.20
MADF   0.22 291 Pg     12 09.22  -0.5
                Sg     12 13.67
BTH    0.25  77 Pgd    12 10.30   0.1
                i      12 11.10
                iSg    12 14.20
                iLg    12 15.00
                i      12 17.60
ELYF   0.35 287 Pg     12 12.44   0.3
                Sg     12 17.81
BOH    0.35 276 Pg     12 12.57   0.4
EPF    0.64  93 Pg     12 18.20   0.3
                Sg     12 26.40
ELIZ   0.73 278 eP     12 19.30   0.0
                eS     12 28.50
EGRA   0.89 169 eP     12 28.40   6.4X
                eS     12 44.50
ECRI   1.52 253 eP     12 34.40   2.1
                eS     12 54.50
LPO    2.04  37 Pg     12 44.30   4.6X
                Sg     13 11.10
LFF    2.09  26 Pg     12 45.90   5.5X
                Sg     13 12.10
CAF    2.64  44 Pg     12 54.50   6.1X
                Sg     13 28.90
RJF    2.68  33 Pg     12 57.10   8.2X
                Sg     13 29.90
   S.D. = 0.8  on  13 of  18 obs.
-------------------------------------
% JUN 12, 1994  19h 16m 14.11± 0.92s
  35.270 N ± 8.3km     4.021 W ±10.3km
  DEPTH =  10.0km  (geophysicist)
 STRAIT OF GIBRALTAR             (385)

EMEL   0.87  88 eP     16 31.00   0.2
EGUA   1.60  13 eP     16 41.40  -1.2
```

12d 19h

ERON 1.75 6 eP 16 44.40 -0.5
eS 17 06.50
EPRU 1.96 330 eP 16 48.00 0.3
IFR 1.97 208 iPg 16 48.00 -0.1
i 16 52.00
iSg 17 11.00
ECOG 2.04 10 eP 16 50.20 1.3
S.D. = 1.0 on 6 of 6 obs.

JUN 12, 1994 19h 47m 57.55± 0.70s
42.808 N ± 6.7km 19.189 E ± 5.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

NKY 0.14 272 iPgd 48 01.29 0.3
iSg 48 03.99
TTG 0.38 172 iPgd 48 06.17 0.8
iSg 48 12.37
BRY 0.48 281 iPgc 48 07.02 -0.4
iSg 48 14.05
IVA 0.53 83 iPgd 48 08.91 0.7
iSg 48 17.25
PLE 0.54 16 iPgc 48 08.52 0.0
iSg 48 16.82
BDV 0.59 207 iPgc 48 10.14 0.7
iSg 48 18.46
PVY 0.62 110 iPgc 48 10.75 0.7
iSg 48 20.50
HCY 0.62 235 ePg 48 10.05 -0.1
iSg 48 19.11
SDA 0.79 163 ePg 48 26.00 13.1X
LACI 1.23 162 ePg 48 16.60 -3.8X
PHP 1.46 140 iPgc 48 21.20 -2.7
iSg 48 26.20
SKO 1.86 116 ePn 48 25.00 -4.8X
S.D. = 1.3 on 9 of 12 obs.

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* JUN 12, 1994 20h 20m 22.99± 0.70s
38.659 N ± 6.6km 20.963 E ± 6.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 3.0 (ATH).

VLS 0.56 211 ePb 20 34.50 0.1
IGT 1.00 331 ePg 20 41.92 0.0
eSg 20 53.52
AGG 1.13 71 ePg 20 43.20 -0.9
eSg 21 00.44
KEK 1.39 320 ePb 20 40.50 -7.9X
KZN 1.76 21 ePn 20 55.20 1.4
LIT 1.86 39 ePb 20 55.80 0.6
eSb 21 20.52
FNA 2.15 8 ePn 20 59.08 -0.3
eSn 21 26.92
PAIG 2.46 58 ePn 21 03.72 0.0
eSn 21 38.16
THE 2.50 37 ePn 21 03.84 -0.5
GRG 2.55 25 ePn 21 04.84 -0.2
SOH 2.84 40 ePn 21 09.76 0.5
eSn 21 44.76
OUR 2.87 53 ePn 21 10.32 0.7
eSn 21 46.32
KNT 2.91 30 ePn 21 10.00 -0.2
eSn 21 47.72
VAY 2.93 24 ePn 21 07.20 -3.2X
SKO 3.33 6 ePn 21 15.00 -1.1
S.D. = 0.8 on 13 of 15 obs.

JUN 12, 1994 21h 16m 46.16± 1.28s
43.341 N ±10.8km 19.146 E ± 6.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 2.7 (TTG).

PLE 0.18 94 iPgc 16 49.45 -0.8
iSg 16 52.25
NKY 0.54 192 iPgd 16 56.98 -0.1
iSg 17 05.42
BRY 0.62 225 iPgd 16 57.53 -1.3
iSg 17 08.21
IVA 0.72 130 iPgc 16 59.65 -0.8
iSg 17 10.31
TTG 0.91 175 iPgc 17 03.33 -0.3
iSg 17 18.85
PVY 0.96 141 iPgc 17 03.97 -0.6
iSg 17 19.07
HCY 1.01 208 iPgd 17 05.16 -0.2
iSg 17 21.71
BDV 1.08 193 iPgc 17 07.10 0.6
iSg 17 24.10
ULC 1.38 177 iPgd 17 12.42 1.0
iSg 17 33.75
HVAR 1.98 266 iPn 17 20.50 0.5
iSn 17 47.50
SKO 2.18 128 ePn 17 25.00 2.1
VBY 3.53 309 ePn 17 49.80 7.7X
S.D. = 1.1 on 11 of 12 obs.

% JUN 12, 1994 21h 26m 26.91± 0.76s
44.539 N ± 5.6km 7.467 E ± 7.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.9 (GEN).

PZZ 0.26 263 P 26 32.90 0.4
S 26 36.79
STV 0.31 199 P 26 33.27 -0.2
S 26 37.38
ENR 0.31 186 P 26 33.49 0.0
S 26 37.84
RRL 0.62 308 P 26 39.03 -0.5
FIN 0.63 122 P 26 39.54 0.0
S 26 47.86
RSP 0.63 346 P 26 39.90 0.2
S.D. = 0.4 on 6 of 6 obs.

& JUN 12, 1994 21h 51m 19.35s
36.569 N 121.054 W
DEPTH = 8.8km
CENTRAL CALIFORNIA (39)
<GM-P>. MD 2.8 (GM).

SAO 0.37 302 eP 51 26.65 -0.3
CMB 1.56 20 eP 51 46.85 -0.5
TPNV 3.88 83 (P) 52 20.80 0.2
3 obs. associated

? JUN 13, 1994 00h 34m 29.53± 1.45s
44.089 N ±22.1km 149.641 E ±20.0km
DEPTH = 33.0km (normal)
3.9mb (4 obs.)
KURIL ISLANDS (221)

KUSJ 3.72 256 eP 35 24.70 -1.3
eS 36 04.40
HOOJ 4.95 252 eP 35 44.70 1.3
eS 36 39.70
WRA 65.24 196 P 45 09.80 -0.1
0.6s 0.50nm 3.8mb
NB2 69.92 340 P 45 39.50 0.6
0.5s 0.70nm 4.0mb
HFS 70.06 338 eP 45 39.20 -0.5
0.6s 1.20nm 4.1mb
GEC2 79.72 332 P 46 38.30 2.9X
0.5s 0.34nm 3.6mb
e 46 51.20
S.D. = 1.4 on 5 of 6 obs.

& JUN 13, 1994 00h 38m 53.72s
61.938 N 149.860 W
DEPTH = 43.0km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.5 (AEIC).

PWA 0.29 182 P 39 01.70 -0.4
S 39 08.90
GHO 0.47 110 iP 39 03.91 -0.5
PLRM 0.49 135 eP 39 03.71 -0.8
eS 39 12.41
PMR 0.49 135 eP 39 03.31 -1.2
CUT 0.51 338 eP 39 03.92 -0.8
eS 39 11.99
PMS 0.71 168 P 39 06.90 -0.6
SML 0.74 100 eP 39 06.86 -1.0
KNK 0.85 128 eP 39 08.71 -0.7
HUR 1.05 6 eP 39 11.41 -0.8
SCM 1.20 94 eP 39 13.81 -0.6
CRP 1.29 239 eP 39 15.45 -0.3
SPU 1.30 235 eP 39 14.96 -0.8
eS 39 32.08
CKN 1.32 238 eP 39 16.15 0.1
CP2 1.32 240 eP 39 15.58 -0.7
CKT 1.34 238 eP 39 16.05 -0.4
NKA 1.37 210 eP 39 18.91 2.2
BKG 1.44 234 eP 39 17.42 -0.4
SLKM 1.45 187 eP 39 17.01 -0.8
RND 1.55 17 P 39 18.70 -0.6
DHY 1.62 44 eP 39 19.60 -0.9
TOA 1.75 83 P 39 22.20 0.1
VZW 1.81 118 eP 39 21.84 -1.2
RDT 1.84 223 eP 39 22.78 -0.7
MCK 1.85 13 eP 39 23.98 0.4
SEW 1.85 174 P 39 25.60 2.1
VLZ 1.87 114 eP 39 22.93 -0.9
KLU 1.93 102 eP 39 23.75 -1.0
REF 2.00 225 P 39 25.30 -0.6
FID 2.02 125 P 39 24.80 -1.1
NNL 2.03 201 P 39 29.00 3.0
RS2 2.04 225 P 39 26.30 -0.1
RSO 2.04 225 P 39 27.00 0.6
RED 2.08 224 P 39 26.20 -0.6
TZL 2.10 85 P 39 27.70 0.7
SDG 2.11 72 P 39 27.50 0.3
MTU 2.23 150 P 39 31.10 2.1
HIN 2.25 132 P 39 27.80 -1.4
PAX 2.29 61 P 39 30.10 0.2
CVA 2.43 123 P 39 32.80 1.0
CNPM 2.51 196 P 39 33.70 0.7
HDA 2.81 27 P 39 36.20 -1.0
DJE 2.84 40 P 39 39.30 1.7
CCB 2.87 18 P 39 36.90 -1.2
SVW 2.88 256 P 39 36.80 -1.5
GLB 2.93 97 P 39 37.20 -1.7
TTA 3.03 292 eP 39 38.01 -2.4
FBA 3.12 16 eP 39 39.29 -2.2
MDM 3.12 13 P 39 40.20 -1.4
MLY 3.13 353 P 39 39.90 -1.9
IL1 3.14 24 P 39 40.30 -1.7
ILB 3.14 24 P 39 40.30 -1.6
CDD 3.55 214 P 39 48.90 1.1
BALM 3.72 101 P 39 47.80 -2.4
BCA3 3.91 70 P 39 51.60 -1.3
IM3 4.41 339 P 39 57.60 -2.3
BM3 5.95 20 P 40 19.00 -2.6
56 obs. associated

% JUN 13, 1994 00h 57m 15.74± 0.86s
35.186 N ± 8.1km 3.928 W ± 8.2km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.2 (MDD).

EMEL 0.80 82 eP 57 32.80 1.5
eS 57 44.00
TAF 1.30 106 ePg 57 39.00 -0.8
eSg 57 52.00
i 57 54.00
EGUA 1.67 10 eP 57 43.40 -1.8
eS 58 02.00
EJIF 1.78 316 eP 57 48.00 1.3
ERON 1.83 3 eP 57 47.38 -0.2
eS 58 06.40
IFR 1.94 211 iPg 57 49.00 -0.2
iSn 58 14.00
ELOJ 1.97 355 eP 57 50.61 1.1
eS 58 12.00
EPRU 2.07 330 eP 57 50.20 -0.7
ECOG 2.11 8 eP 57 51.52 -0.1
S.D. = 1.3 on 9 of 9 obs.

? JUN 13, 1994 01h 07m 18.44± 3.99s
37.562 N ±15.5km 7.815 W ±32.2km
DEPTH = 10.0km (geophysicist)
PORTUGAL (376)
mbLg 3.0 (MDD).

EVAL 0.85 88 iPc 07 35.97 1.2
eS 07 42.80
GIBL 1.66 116 iP 07 48.00 0.3
EHOR 2.05 82 eP 07 53.47 0.1
eS 08 17.80
EPRU 2.15 105 iPc 07 54.74 0.0
eS 08 19.30
ELUQ 2.82 89 eP 08 11.50 7.1X
eS 08 43.50
EPLA 2.84 28 eP 08 05.40 0.7
eS 08 40.70
ELOJ 2.95 97 eP 08 05.74 -0.5
EBAN 3.25 78 iPd 08 09.43 -1.0
PAB 3.36 53 ePg 08 11.50 -0.7

eSn 08 49.00
eSg 09 07.00
S.D. = 0.8 on 8 of 9 obs.

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* JUN 13, 1994 01h 22m 17.78± 0.56s
35.236 N ±12.9km 35.839 W ± 5.3km
DEPTH = 10.0km (geophysicist)
4.6mb (7 obs.) 4.4Msz (1 obs.)
NORTHERN MID-ATLANTIC RIDGE (403)

PAB 25.32 71 eP 27 45.10 -1.0
MFF 29.03 56 eP 28 20.10 0.2
LSF 30.11 57 eP 28 29.80 0.1
0.9s 8.50nm 4.6mb
TCF 30.59 57 eP 28 34.00 0.2
0.9s 11.95nm 4.8mb
BGF 31.06 57 eP 28 37.90 0.0
0.7s 4.20nm 4.4mb
SSF 31.57 56 eP 28 42.40 -0.1
SMF 31.75 57 eP 28 44.30 0.3
LBF 31.88 56 eP 28 45.00 -0.3
GRF 36.97 52 e(P) 29 44.20 15.3X
Z 23s 0.30um 4.0MszX
e(PP) 31 03.90
e 35 15.60
GEC2 38.55 54 P 29 42.30 0.1
1.1s 0.83nm 3.4mb X
e 29 51.20
e 29 58.30
NB2 39.36 34 P 29 48.90 0.2
0.7s 0.90nm 3.5mb
TIC 40.15 128 P 29 56.00 0.3
VAY 45.51 64 eP 30 40.00 0.9
MEO 50.60 289 iPc 31 18.90 0.1
OBN 52.27 44 eP 31 30.00 -1.1
1.2s 18.00nm 4.9mb
Z 18s 0.30um 4.4Msz
GOL 54.11 297 ePc 31 45.20 -0.1
1.0s 10.50nm 4.8mb
YKA 54.36 326 eP 31 46.50 0.0
1.2s 3.40nm 4.3mb
Z 17s 0.09um 3.9MszX
LR 57 20.00
LTX 56.65 285 eP 32 03.00 -0.7
LRM 57.10 306 eP 32 07.10 0.2
IMA 68.38 337 eP 33 22.03 0.7
S.D. = 0.5 on 19 of 20 obs.

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* JUN 13, 1994 01h 26m 07.75± 1.11s
43.306 N ±11.8km 17.980 E ± 6.7km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 2.6 (TTG).

BRY 0.58 134 iPgc 26 18.40 -1.2
iSg 26 27.80
NKY 0.89 123 iPgd 26 24.30 -0.7
iSg 26 38.15
HCY 0.94 156 iPgc 26 25.27 -0.4
iSg 26 40.02
PLE 1.03 88 iPgd 26 26.56 -0.8
iSg 26 41.90
HVAR 1.13 264 iPnc 26 28.60 -0.3
iSn 26 46.70
BDV 1.20 148 iPgc 26 30.15 0.1
iSg 26 48.64
TTG 1.29 132 iPgc 26 31.55 0.0
iSg 26 51.35
IVA 1.47 107 iPgd 26 34.93 0.6
iSg 26 57.03
PVY 1.63 115 iPnd 26 37.77 1.1
iSn 27 01.62
ULC 1.64 145 iPnd 26 38.14 1.5
iSn 27 02.47
SKO 2.88 116 ePn 27 04.00 9.5X
S.D. = 0.9 on 10 of 11 obs.

JUN 13, 1994 01h 37m 57.32± 0.53s
43.274 N ± 7.5km 18.008 E ± 7.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 3.0 (TTG).

BRY 0.54 133 iPgd 38 06.94 -1.4
iSg 38 16.52
NKY 0.86 122 iPgd 38 12.79 -1.2
iSg 38 26.88
HCY 0.90 156 iPgd 38 13.68 -0.9
iSg 38 28.64
PLE 1.01 86 iPgc 38 14.99 -1.6
iSg 38 30.55
HVAR 1.14 266 iPn 38 17.10 -1.6
iSn 38 37.10
BDV 1.16 148 iPgc 38 18.36 -0.6
iSg 38 37.29
TTG 1.25 132 iPgc 38 19.86 -0.6
iSg 38 39.89
IVA 1.44 106 iPgc 38 23.32 -0.2
iSg 38 45.82
PVY 1.60 115 iPnd 38 26.27 0.5
iSn 38 50.50
ULC 1.60 145 iPnc 38 26.55 0.8
iSn 38 50.96
SDA 1.64 138 eP 38 30.20 3.9X
LACI 2.07 142 eP 38 34.00 1.6
TIR 2.37 144 eP 38 37.70 0.9
PHP 2.40 131 eP 38 39.70 2.4
SKO 2.85 116 ePn 38 44.00 0.4
VBY 2.98 319 ePn 38 46.10 0.7
e 39 24.00
PTJ 3.01 332 iPn 38 45.50 -0.4
iSn 39 37.50
TRI 3.89 310 eP 39 11.70 13.3X
e 39 56.20
VAY 3.91 118 ePn 38 59.30 0.7
VOY 4.03 315 ePn 39 01.80 1.4
e(Sn) 39 55.70
e 40 12.00
GEC2 6.32 333 Pn 39 32.30 -0.6
e 39 37.90
S.D. = 1.2 on 19 of 21 obs.

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* JUN 13, 1994 02h 06m 37.78± 0.39s
10.553 S ± 6.0km 113.422 E ±10.3km
DEPTH = 33.0km (normal)
4.9mb (11 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT 2.94 345 iPc 07 22.50 -0.7
iS 07 52.00
KHKI 3.06 45 ePd 07 25.20 0.2
eS 08 02.80
SJI 3.24 330 ePd 07 27.00 -0.5
eS 08 08.00
WSI 6.82 83 ePd 08 31.20 13.1X
eS 09 32.00
LEM 6.83 302 ePd 08 22.50 4.1X
eS 09 38.00
MKS 8.00 49 iPd 08 43.40 8.8X
NANU 12.11 171 eP 09 26.50 -4.5X
0.4s 48.00nm 6.0mb X
eS 11 34.00
MBL 12.21 150 eP 09 27.00 -5.4X
eS 11 34.00
MEEK 16.73 164 eP 10 29.20 -2.2
0.3s 20.00nm 4.7mb
eS 13 20.00
MRWA 18.73 173 eP 10 53.50 -2.6
0.3s 14.00nm 4.6mb
eS 14 09.00
BAL 20.19 172 eP 11 13.00 0.5
KLB 21.32 170 eP 11 27.50 3.4X
COOL 21.46 162 eP 11 25.00 -0.6
MUN 21.48 174 eP 11 26.00 0.3
SNG 21.74 324 eP 11 28.00 -0.5
WOOL 21.84 161 iPc 11 29.10 -0.2
eS 15 16.50
ASPA 23.48 126 iPd 11 46.90 1.4
0.6s 24.20nm 4.9mb
Z 19s 0.30um 3.8Msz
iS 16 02.00
PGP 25.04 18 eP 12 01.50 0.8
NNT 26.71 329 eP 12 18.90 2.8X
e 35 43.00
NST 29.19 333 eP 12 39.50 0.9
LOE 30.09 337 eP 12 46.00 -0.6
CHTO 32.49 334 ePc 13 08.30 0.6
1.0s 29.75nm 5.1mb
CTA 33.00 111 eP 13 15.00 2.8X
STKA 33.58 133 iPd 13 19.00 1.9
1.6s 22.40nm 4.8mb
KMI 36.96 344 P- 13 47.00 0.8
1.0s 50.00nm 5.3mb
pP 13 53.50 22kmX
GUMO 39.36 53 eP 14 05.50 -0.6
1.3s 94.40nm 5.4mb
PJG 39.36 53 eP 14 04.90 -1.2
GUA 39.36 53 eP 14 05.60 -0.6
SSE 42.07 10 Pc 14 28.60 0.4
1.2s 50.00nm 5.1mb
i 14 34.00
GBA 43.02 303 P 14 39.00 2.8X
HYB 44.27 309 eP 14 47.50 1.2
LZH 47.26 349 eP 15 18.00 8.0X
2.0s 50.00nm 5.2mb
Z 15s 0.39um 4.5MszX
sP 15 20.00
TKSJ 48.44 23 P 15 17.70 -1.3
POO 48.57 306 (P) 15 11.00 -9.4X
WKYJ 49.25 24 eP 15 24.10 -1.3
YONJ 49.29 22 P 15 23.90 -1.7
BJI 50.40 3 eP 15 32.00 -1.9
1.2s 8.00nm 4.6mb
MAT 52.33 25 eP 15 45.00 -3.8X
0.7s 6.85nm 4.7mb
NDI 52.39 319 eP 15 47.00 -2.3
MAIO 68.87 316 eP 17 42.00 0.4
BCAO 95.59 273 iPc 20 20.00 18.2X
0.5s 5.00nm
RSSD 133.50 37 (PKP) 25 54.50 1.5
ALQ 136.36 50 (PKP) 26 00.50 1.8
LTX 140.68 56 (PKP) 26 06.68 0.1
WMOK 142.04 46 ePKP 26 10.15 1.3
FVM 145.30 34 ePKP 26 15.08 0.9
e 26 20.64
RSNY 145.44 10 ePKP 26 16.11 1.9
i 26 21.53
MIAR 145.68 42 ePKP 26 17.36 2.4
i 26 22.91
ITR 146.04 237 ePKP 26 22.20 6.1X
YSNY 146.52 16 ePKP 26 19.09 2.9X
BINY 147.42 13 (PKP) 26 18.54 1.0
BAO 148.13 216 (PKP) 26 26.00 6.4X
MOCB 148.38 182 PKP 26 27.30 7.0X
NAV 150.43 23 ePKP 26 29.28 6.9X
e 26 35.24
CCH 152.24 181 ePKP 26 30.00 4.0X
CEH 152.34 22 ePKP 26 33.84 8.6X
JSC 152.83 27 ePKP 26 34.30 8.4X
e 26 41.06
LPB 153.05 177 PKP 26 25.90 -1.4
S.D. = 1.3 on 37 of 58 obs.

% JUN 13, 1994 02h 21m 49.77± 0.66s
44.543 N ± 5.6km 7.265 E ± 5.3km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.2 (GEN).

PZZ 0.12 252 P 21 53.13 0.2
S 21 54.96
STV 0.30 172 P 21 56.24 0.1
S 22 00.22
ENR 0.34 161 P 21 56.75 0.0
S 22 00.96
ISO 0.39 203 iPgc 21 57.60 -0.2
iSg 22 02.58
RRL 0.51 318 P 22 00.09 -0.1
S 22 06.27
FIN 0.75 116 P 22 04.53 0.0
S 22 14.18
PCP 0.92 90 P 22 07.32 0.0
S 22 19.40
S.D. = 0.2 on 7 of 7 obs.

JUN 13, 1994 02h 36m 53.28± 0.65s
26.393 S ± 6.1km 27.513 E ± 7.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.8 (PRE).

PRY 0.53 184 eP 37 03.40 -0.6
S 37 08.60
KSR 0.76 313 iPd 37 08.50 -0.2
S 37 16.50
SLR 0.95 47 iPd 37 11.10 -0.9
S 37 24.00
SEK 1.93 177 iPd 37 27.10 -0.1
S 37 51.30
SWZ 2.11 248 eP 37 30.00 0.2
S 37 58.20

13d 02h

BFT 2.38 73 eP 37 35.00 1.2
S 38 03.00
BOSA 2.89 220 eP 37 41.90 1.1
S 38 15.40
BLF 2.95 203 eP 37 41.20 -0.6
S 38 14.00
BUL 6.30 9 iPn 39 17.90 48.6X
iSn 40 26.00
iSg 40 59.90
S.D. = 0.9 on 8 of 9 obs.

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* JUN 13, 1994 04h 17m 30.05± 1.59s
25.169 S ±17.9km 179.355 E ±12.7km
DEPTH = 552.5 ± 17.1 km
5.1mb (7 obs.)
SOUTH OF FIJI ISLANDS (171)

VUN 7.18 353 eP 19 19.50 -1.1
DZM 12.23 282 iPc 20 11.80 0.3
NOUC 12.35 282 iPc 20 12.90 0.3
CTA 30.92 273 iPd 23 04.50 0.8
0.8s 85.82nm 5.4mb
STKA 33.72 250 iPd 23 27.50 0.4
0.5s 17.30nm 4.9mb
ASPA 41.27 262 iPd 24 29.10 0.2
0.5s 59.60nm 5.4mb
iS 30 06.40
WB2 41.74 268 iPc 24 32.50 -0.2
0.7s 83.50nm 5.4mb
eS 30 08.10
WRA 41.75 268 P 24 33.00 0.2
0.6s 32.10nm 5.0mb
SPA 64.98 180 iPc 27 16.60 -0.7
1.0s 1.50nm 3.5mb X
PLM 84.05 49 eP 29 04.37 0.4
ISA 84.32 46 eP 29 05.63 0.6
0.8s 11.15nm 4.5mb
GSC 85.21 47 ePd 29 10.17 0.8
KDC 85.90 15 (P) 29 11.56 -0.5
TPNV 86.53 46 eP 29 16.10 0.3
ARUT 88.85 47 (P) 29 27.37 0.8
MSU 90.08 47 eP 29 33.15 0.8
HVU 91.46 44 eP 29 38.99 0.5
SRU 91.49 47 ePc 29 39.04 0.3
LTX 91.60 58 eP 29 39.38 0.0
ALQ 92.19 52 eP 29 42.10 0.0
0.8s 2.10nm 4.2mb
FBA 93.32 13 eP 29 46.50 0.2
NB2 143.23 350 PKP 36 00.20 -2.1
0.6s 6.00nm
HFS 143.66 348 ePKP 36 00.80 -2.2
0.3s 14.20nm
EKA 149.81 3 PKP 36 17.00 4.0X
0.4s 1.70nm
CLL 151.88 342 iPKP 36 24.70 8.6X
0.7s 11.00nm
e 47 35.00
BRG 151.99 340 iPKP 36 24.80 8.5X
0.7s 6.00nm
S.D. = 0.9 on 23 of 26 obs.

& JUN 13, 1994 05h 24m 21.75± 0.62s
39.970 N ± 5.1km 23.596 E ± 5.2km
DEPTH = 5.0km (geophysicist)
AEGEAN SEA (365)

PAIG 0.08 123 iPg 24 23.90 0.3
eSg 24 25.30
OUR 0.47 39 ePg 24 31.22 0.1
eSg 24 35.66
THE 0.82 324 iPg 24 38.58 0.5
iSg 24 49.38
LIT 0.86 279 ePg 24 39.10 0.3
eSg 24 50.82
SOH 0.87 348 ePg 24 38.34 -0.6
eSg 24 50.46
SRS 1.15 360 ePg 24 43.42 -0.2
eSg 24 58.94
KNT 1.30 336 ePb 24 46.34 0.0
eSb 25 03.98
GRG 1.34 318 ePb 24 47.30 0.3
iSb 25 06.58
AGG 1.36 226 ePb 24 46.78 -0.6
eSb 25 07.30
S.D. = 0.5 on 9 of 9 obs.

& JUN 13, 1994 05h 51m 00.79± 0.51s
42.788 N ± 4.6km 18.842 E ± 4.1km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 2.8 (TTG).

NKY 0.12 78 iPgc 51 05.12 1.3
iSg 51 08.37
BRY 0.25 297 iPgc 51 06.21 0.1
iSg 51 10.62
HCY 0.42 217 iPgd 51 09.34 -0.1
iSg 51 16.83
TTG 0.47 139 iPgc 51 09.98 -0.4
iSg 51 18.47
BDV 0.50 181 iPgc 51 11.07 0.0
iSg 51 19.77
PLE 0.68 37 iPgd 51 13.56 -0.7
iSg 51 23.81
IVA 0.78 83 iPgc 51 15.95 -0.1
iSg 51 27.72
PVY 0.86 103 iPgd 51 17.15 -0.2
iSg 51 30.69
ULC 0.88 160 iPgd 51 17.80 0.1
iSg 51 31.78
HVAR 1.80 283 iPnd 51 32.10 0.0
iSn 51 56.10
S.D. = 0.6 on 10 of 10 obs.

& JUN 13, 1994 05h 53m 37.53s
62.793 N 150.837 W
DEPTH = 95.2km
CENTRAL ALASKA (1)
<AEIC>.

CUT 0.47 146 eP 53 52.66 -0.1
eS 54 04.02
HUR 0.58 71 eP 53 53.45 -0.2
eS 54 05.25
RND 1.09 55 eP 53 58.68 -0.3
eS 54 14.48
PWA 1.23 158 P 54 00.50 -0.1
MCK 1.28 42 eP 54 00.78 -0.4
GHO 1.36 138 eP 54 02.34 0.1
PLRM 1.45 146 eP 54 02.75 -0.5
PMR 1.45 146 eP 54 01.94 -1.3
eS 54 22.79
BWN 1.51 23 eP 54 03.98 -0.1
SML 1.53 129 eP 54 03.87 -0.5
DHY 1.61 78 eP 54 04.74 -0.8
eS 54 25.64
CRP 1.65 203 eP 54 05.90 -0.2
PMS 1.67 158 P 54 05.60 -0.5
CP2 1.67 204 eP 54 05.70 -0.6
CKN 1.70 203 eP 54 06.84 0.3
SPU 1.72 200 eP 54 06.39 -0.4
eS 54 27.47
CKT 1.72 203 eP 54 06.93 0.0
KNK 1.78 140 eP 54 06.80 -0.8
BKG 1.86 202 eP 54 08.10 -0.5
SCM 1.90 119 eP 54 08.32 -0.9
NEA 1.96 23 eP 54 08.92 -0.9
NKA 2.07 185 eP 54 14.58 3.3
WRH 2.08 35 eP 54 10.56 -1.0
MLY 2.25 1 eP 54 12.94 -0.9
TOA 2.28 106 P 54 13.90 -0.3
CCB 2.30 35 eP 54 13.28 -1.1
SLKM 2.31 172 eP 54 13.86 -0.8
RDT 2.35 199 eP 54 15.49 0.3
HDA 2.37 45 eP 54 14.39 -1.1
TTA 2.38 276 eP 54 12.38 -3.2
DFR 2.38 203 eP 54 15.52 -0.1
THY 2.40 73 eP 54 16.84 1.1
DDM 2.46 64 eP 54 16.78 0.1
SDG 2.46 94 eP 54 16.40 -0.2
MDM 2.46 27 eP 54 15.89 -0.8
PAX 2.47 83 eP 54 16.61 -0.2
REF 2.48 202 eP 54 18.32 1.3
FBA 2.51 31 eP 54 15.81 -1.4
RS2 2.51 202 eP 54 18.25 0.7
RED 2.56 202 eP 54 18.65 0.7
DJE 2.63 60 eP 54 18.56 -0.4
IL1 2.65 40 eP 54 17.91 -1.3
ILB 2.65 40 eP 54 17.93 -1.2
eS 54 48.67
KLU 2.65 117 eP 54 17.49 -1.8
VZW 2.67 129 eP 54 17.62 -1.9
GLM 2.68 33 eP 54 18.64 -1.0
VLZ 2.70 126 eP 54 17.77 -2.1
NNL 2.77 185 eP 54 22.30 1.5
SEW 2.78 166 eP 54 20.01 -0.9
SVW 2.82 235 eP 54 19.82 -1.8
FID 2.91 133 eP 54 20.87 -1.9
LTI 3.11 151 eP 54 23.07 -2.4
HIN 3.17 137 eP 54 24.36 -2.0
DOT 3.18 71 eP 54 25.43 -1.1
CNPM 3.28 184 eP 54 27.42 -0.5
CVA 3.31 131 eP 54 28.83 0.7
PDB 3.42 210 eP 54 29.70 0.0
IM3 3.44 340 eP 54 29.01 -1.0
IMA 3.51 341 eP 54 29.19 -1.9
GLB 3.57 109 eP 54 29.93 -1.9
TMW 3.61 78 eP 54 30.84 -1.5
AUL 3.65 201 eP 54 34.92 2.1
AUE 3.66 201 eP 54 34.36 1.4
AUP 3.66 201 eP 54 34.65 1.5
AUH 3.67 201 eP 54 35.91 2.7
CDD 4.11 201 eP 54 39.46 0.2
BCA3 4.15 82 eP 54 37.85 -1.9
SYI 4.27 191 eP 54 40.95 -0.4
BALM 4.38 110 eP 54 41.15 -2.0
BM3 5.34 27 eP 54 54.17 -2.1
70 obs. associated

JUN 13, 1994 06h 49m 31.23± 0.44s
10.775 S ± 7.1km 113.632 E ± 9.0km
DEPTH = 27.5km (3 depth phases)
4.9mb (17 obs.) 5.0Msz (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.09 39 ePd 50 18.00 -1.3
eS 50 57.30
e 58 48.50
TRT 3.21 342 ePd 50 20.30 -0.6
iS 50 58.50
SJI 3.54 328 ePd 50 25.00 -0.7
eS 51 09.00
WSI 6.65 81 ePc 51 12.00 2.4
eS 52 13.60
LEM 7.12 303 ePc 51 19.00 2.5
e 53 42.00
MKS 7.99 47 iPc 51 34.00 5.5X
NANU 11.86 171 eP 52 17.00 -4.6X
0.4s 18.00nm 5.6mb
eS 54 21.00
MBL 11.92 151 eP 52 17.00 -5.4X
iS 54 19.00
MEEK 16.46 164 eP 53 20.00 -2.0
eS 56 10.00
KKM 16.91 9 ePc 53 28.50 0.8
MTN 17.25 99 eP 53 32.00 0.1
SLKI 17.65 82 ePd 53 22.50 -14.4X
MRWA 18.48 173 eP 53 46.00 -1.1
0.4s 7.00nm 4.2mb
eS 56 57.00
IPM 19.75 320 ePc 54 04.80 2.6X
0.7s 21.60nm 4.6mb
COOL 21.19 162 eP 54 17.00 0.0
eS 57 53.00
MUN 21.23 174 eP 54 20.00 2.6X
WOOL 21.56 161 iPd 54 19.70 -1.0
iS 58 07.60
WB2 21.94 117 iPc 54 24.90 0.3
0.6s 29.70nm 4.9mb
iS 58 17.40
ASPA 23.18 126 eP 54 38.60 1.8
0.9s 18.00nm 4.6mb
iS 58 48.50
NNT 27.01 329 eP 55 15.00 2.0
BAG 27.87 14 eP 55 08.00 -13.1X
NST 29.48 333 eP 55 35.00 -0.4
BDT 31.37 332 eP 55 52.00 -0.1
1.0s 41.40nm 5.2mb
CTA 32.72 110 iP 56 06.00 2.0
i 56 13.00 24km
i 56 28.00
CHTO 32.78 334 eP 56 05.90 1.5
STKA 33.28 133 iPd 56 09.00 0.3
0.6s 9.70nm 4.9mb
KMI 37.23 344 P+ 56 43.50 0.9
4.0s 0.40nm 2.6mb X
Z 14s 1.80um 5.0MszX
N 13s 1.00um
E 13s 0.90um
pP 56 52.40 30km
S 02 30.00

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                     sS    02 47.00
                     SS    05 24.00
TOO    39.11 138 eP    57 07.10    9.0X
       1.1s    28.00nm          4.9mb
ARMA   40.32 125 eP    57 12.80    4.5X
       0.8s     7.00nm          4.4mb
SSE    42.26  10 P     57 24.00    0.1
     Z  20s     4.60um          5.4Msz
     N  16s     0.50um
     E  16s     1.50um
                     S     03 36.00
                     esS   03 50.00
GBA    43.32 303 P     57 24.00   -8.8X
LZH    47.51 349 eP    58 05.50   -0.7
       2.0s    50.00nm          5.2mb
     Z  17s     1.18um          4.9MszX
     N  12s     0.52um
                     pP    58 14.00  28km
                     sP    58 18.00
                     PP    59 54.00
                     eS    04 52.00
                     sS    05 05.00
                     eSS   08 10.00
BJI    50.61   3 eP    58 28.00   -1.7
       2.0s    32.00nm          4.9mb
     Z  20s     0.66um          4.6Msz
     N  16s     0.78um
                     eS    05 36.00
                     eSS   09 08.00
ZAK    61.57 352 eP    59 46.40   -1.8
       2.0s    26.00nm          5.0mb
                     eS    08 22.00
                     e     09 40.00
CIT    62.52 360 eP    59 53.80   -0.8
YSS    63.12  22 (P)   59 56.00   -2.6
FRU    64.16 329 eP    00 05.00   -0.7
       2.5s    80.00nm          5.4mb
BOD    68.38   0 eP    00 30.80   -1.4
MAIO   69.17 316 eP    00 38.00    0.3
BRVK   73.55 334 eP    01 03.00   -0.4
       1.0s     8.00nm          4.7mb
     Z  24s     0.27um          4.4MszX
     N  22s     0.34um
     E  20s     0.14um
                     eS    10 29.00
YAK    73.65   8 eP    01 01.60   -2.2
       2.0s    69.00nm          5.3mb
                     eS    10 28.00
PET    74.24  26 eP    01 08.00    0.6
                     e     11 00.00
SVE    80.20 334 ePd   01 42.00    1.5
SLR    81.25 245 eP    01 41.00   -5.9X
       0.5s     7.04nm          4.9mb
MTA    81.80 315 eP    01 50.00    0.8
     N  17s     0.50um
     E  17s     0.60um
ADK    86.23  36 (P)   02 11.01   -0.4
       0.5s     4.13nm          4.9mb
ILT    91.76  20 eP    02 49.00   11.8X
RSSD  133.55  37 (PKP) 08 49.64    2.3
WMOK  142.05  46 (PKP) 09 00.51   -2.6
FVM   145.37  35 ePKP  09 09.23    0.6
RSNY  145.62  10 ePKP  09 09.65    0.8
YSNY  146.68  16 ePKP  09 11.67    1.0
BINY  147.58  13 ePKP  09 15.35    3.2X
BAO   148.07 215 ePKP  09 20.00    6.2X
LSCT  148.63  10 ePKP  09 18.84    5.0X
NAV   150.55  24 ePKP  09 23.42    6.5X
CEH   152.46  23 ePKP  09 28.22    8.5X
PRM   152.57  30 ePKP  09 28.77    8.9X
     S.D. = 1.4  on  40 of  58 obs.
---------------------------------------
   JUN 13, 1994  07h 05m 02.16± 0.45s
   54.332 N ± 6.2km  164.318 W ± 6.2km
   DEPTH =  33.0km  (normal)
   4.4mb ( 14 obs.) 3.7Msz (  2 obs.)
 UNIMAK ISLAND REGION              ( 10)

SDN     2.43  64 eP    05 40.45    0.1
KDC     7.45  58 eP    06 48.40   -2.9X
AUP     7.81  45 (P)   06 57.28    0.9
ADK     7.84 257 eP    06 57.56    0.9
SVW     8.23  31 eP    07 05.44    3.3X
CP2     9.47  38 eP    07 21.81    2.4X
TTA     9.64  23 eP    07 21.58   -0.1
SLKM    9.79  45 eP    07 23.61   -0.1
PMS    10.47  43 eP    07 33.00    0.0
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PMR    10.84  42 eP      07 40.29    2.3
KLU    12.10  46 eP      07 53.08   -2.0
IMA    12.88  20 eP      08 06.41    0.9
FBA    13.44  31 eP      08 13.08    0.3
BALM   13.49  51 eP      08 10.94   -2.6X
SIT    16.51  69 (P)     08 49.99   -2.5X
       0.6s      3.67nm           3.7mb
YKA    26.66  52 eP      10 45.70    6.4X
       0.6s      4.00nm           4.2mb
     Z  19s      0.07um           3.2Msz
                    LR   23 28.00
NEW    29.66  82 eP      11 05.45   -1.2
       0.7s      2.82nm           4.1mb
KVN    34.50  97 eP      11 50.02    0.8
MEMM   34.95 100 eP      11 53.34    0.6
BONR   35.12  99 eP      11 55.75    1.1
TNP    35.66  97 eP      11 59.43    0.3
       0.5s     14.22nm           5.2mb
TPNV   37.00  98 ePd     12 11.25    0.9
GSC    37.83 100 eP      12 17.75    0.5
ARUT   38.06  94 eP      12 19.74    0.5
CSP    38.23 102 eP      12 21.23    0.6
MSU    38.32  92 eP      12 21.94    0.5
PEC    38.63 102 eP      12 24.33    0.4
       0.6s      5.60nm           4.5mb
                    e    12 35.31
SRU    38.89  90 eP      12 25.05   -1.2
PLM    39.20 103 eP      12 29.33    0.5
PV09   40.11  90 eP      12 35.98   -0.5
GLD    41.57  85 eP      12 49.09    0.8
       0.9s     15.52nm           4.7mb
WMOK   48.74  86 ePd     13 44.63   -0.7
       0.6s     19.07nm           5.3mb
MEO    48.82  86 iPd     13 45.60   -0.4
TUL    49.66  82 iPd     13 51.60   -0.8
LTX    49.78  95 eP      13 51.79   -1.7
BINY   56.28  63 eP      14 40.56   -1.0
       0.6s      6.20nm           4.8mb
CVL    57.98  68 eP      14 52.84   -0.7
KAF    63.60 354 iP      15 30.50   -0.8
       0.4s      1.70nm           4.5mb
NB2    64.92   2 P       15 39.90   -0.1
       0.6s      0.70nm           3.9mb
NUR    65.28 355 iP      15 41.80   -0.5
       0.3s      1.50nm           4.6mb
HFS    65.87   1 eP      15 45.10   -0.9
       0.7s      4.60nm           4.7mb
     Z  18s      0.15um           4.2Msz
                    LR   51 57.00
GEC2   77.18   1 P       16 54.70    0.8
       1.0s      0.98nm           3.8mb
WRA    90.61 236 P       18 03.20    1.0
       0.7s      0.70nm           4.1mb
SPA   144.15 180 iPKPc 24 32.60   -2.1
       0.7s      1.56nm
SLR   149.95 337 iPKPc 24 51.50    6.2X
       0.7s     15.07nm
     S.D. = 1.0  on  38 of  45 obs.
-----------------------------------------
? JUN 13, 1994  07h 48m 17.13± 1.25s
  39.152 N ± 9.7km   27.429 E ±19.3km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)
      ML 2.7 (ISK).

IZM     0.76 190 ePg     48 32.10    0.0
                 eSg     48 44.20
DST     1.03  64 ePn     48 36.60   -0.1
EDC     1.24  16 ePn     48 40.00   -0.2
KCT     1.31  33 ePn     48 41.60    0.3
     S.D. = 0.3  on   4 of   4 obs.
-----------------------------------------
% JUN 13, 1994  07h 49m 32.89± 0.95s
  39.108 N ± 8.2km   27.689 E ± 9.6km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)
      ML 2.8 (ISK).

IZM     0.78 205 ePg     49 48.00   -0.2
                 eSg     50 01.00
DST     0.88  55 ePn     49 50.10    0.2
EDC     1.24   6 ePn     49 55.00   -1.0
KCT     1.25  24 ePn     49 56.60    0.5
EZN     1.28 305 ePn     49 57.00    0.5
     S.D. = 0.9  on   5 of   5 obs.
-----------------------------------------
   JUN 13, 1994  08h 04m 32.45± 0.79s
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  40.463 N ± 6.5km   21.860 E ± 6.6km
  DEPTH =   5.0km  (geophysicist)
 GREECE                              (364)
FNA     0.49 311 iPg    04 42.12   -0.1
                 eSg    04 47.36
LIT     0.60 127 ePg    04 44.36   -0.2
                 eSg    04 51.84
GRG     0.64  40 ePg    04 45.24   -0.1
                 eSg    04 55.24
VAY     1.01  32 ePn    04 57.20    5.2X
SOH     1.19  72 ePb    04 55.84    0.7
                 eSb    05 11.48
AGG     1.48 166 iPb    05 00.32    0.5
                 eSb    05 20.08
PAIG    1.49 110 ePb    04 59.24   -0.7
OUR     1.63  94 ePb    05 01.68   -0.1
     S.D. = 0.5  on   7 of   8 obs.
---------------------------------------
% JUN 13, 1994  08h 10m 09.22± 0.72s
  42.332 N ± 6.2km   20.191 E ± 5.4km
  DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      MD 2.6 (TTG).
PVY     0.31 329 iPgd   10 16.24    0.6
                 iSg    10 20.96
IVA     0.58 338 iPgc   10 20.44   -0.6
                 iSg    10 28.38
TTG     0.70 278 iPgc   10 21.87   -1.1
                 iSg    10 33.27
ULC     0.79 243 iPgd   10 24.99    0.4
                 iSg    10 37.29
SKO     1.00 111 ePn    10 28.00   -0.1
NKY     1.00 299 iPgc   10 28.38    0.1
                 iSg    10 43.38
BDV     1.01 268 iPgd   10 28.58    0.2
                 iSg    10 43.71
PLE     1.16 330 iPgd   10 31.34    0.4
                 iSg    10 47.26
HCY     1.26 276 iPgc   10 32.84    0.2
                 iSg    10 51.91
BRY     1.34 296 iPgd   10 33.82   -0.2
                 iSg    10 53.44
     S.D. = 0.6  on  10 of  10 obs.
---------------------------------------
? JUN 13, 1994  08h 22m 01.41± 4.39s
  39.494 N ±31.9km   29.571 E ±19.4km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)
      ML 2.7 (ISK).
DST     0.74 279 ePg    22 16.00    0.1
                 eSg    22 27.00
YLV     1.08 352 ePn    22 22.00    0.2
EYL     1.16  23 ePn    22 23.10   -0.1
KCT     1.20 309 ePn    22 23.60   -0.2
     S.D. = 0.3  on   4 of   4 obs.
---------------------------------------
% JUN 13, 1994  09h 05m 56.73± 0.82s
  39.240 N ± 7.0km   27.690 E ± 8.0km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)
      ML 2.8 (ISK).
DST     0.81  63 ePg    06 12.50    0.0
                 eSg    06 25.50
IZM     0.90 202 ePg    06 14.00   -0.1
                 eSg    06 28.60
EDC     1.11   7 ePn    06 17.00   -0.6
KCT     1.13  27 ePn    06 18.60    0.7
EZN     1.21 299 ePn    06 19.50    0.3
MFT     1.58 349 ePn    06 24.60   -0.3
     S.D. = 0.6  on   6 of   6 obs.
---------------------------------------
   JUN 13, 1994  09h 44m 52.30± 0.53s
  36.379 N ± 6.4km  141.916 E ± 6.3km
  DEPTH =  10.0km  (geophysicist)
  4.7mb ( 13 obs.) 4.0Msz (  2 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ    1.42 263 P      45 17.20   -0.9
                 S      45 37.50
YAMJ    2.34 321 eP     45 32.00    0.7
                 eS     46 02.80
CHJJ    2.38 263 P      45 30.90   -1.1
NIIJ    2.49 291 P      45 34.60    1.1
```

13d 09h

S 46 07.00
OFUJ 2.70 356 eP 45 37.00 0.4
eS 46 11.20
MAT 2.99 274 iPc 45 41.50 0.8
eS 46 16.00
MTMJ 3.32 275 P 45 46.10 0.7
IIDJ 3.37 256 P 45 47.40 1.3
AOMJ 4.35 344 eP 46 00.20 0.3
eS 46 53.30
TSRJ 4.89 262 P 46 08.60 1.1
WKYJ 5.60 249 P 46 17.40 -0.3
eS 47 19.60
MRRJ 6.07 354 eP 46 27.50 3.3X
HOOJ 6.09 10 eP 46 25.70 1.3
eS 47 32.90
TKSJ 6.87 252 P 46 35.00 -0.5
YONJ 6.97 263 P 46 37.10 0.1
KUSJ 7.05 17 eP 46 36.90 -1.0
eS 47 52.80
ASAJ 7.75 4 eP 46 48.10 0.3
SHNJ 9.12 259 eP 47 00.30 -6.6X
KUMJ 9.92 250 P 47 19.10 1.1
VLA 10.24 314 iPc 47 29.00 6.8X
1.0s 51.00nm 5.9mb X
YSS 10.65 3 (P) 47 25.40 -2.4
Z 16s 0.60um
N 16s 0.50um
E 16s 0.50um
BJI 20.53 288 eP 49 29.00 -4.3X
1.2s 10.00nm 4.0mb
Z 16s 0.53um 4.0MszX
N 14s 0.56um
esP 49 40.00
ePP 50 19.00
eS 54 10.00
CIT 25.39 317 eP 50 21.20 0.0
YAK 26.78 347 iPd 50 33.20 -0.6
Z 16s 0.80um 4.4MszX
N 16s 0.60um
LZH 30.58 281 eP 51 06.50 -2.1
2.0s 40.00nm 4.9mb
Z 19s 0.75um 4.4Msz
E 13s 0.53um
pP 51 12.00 19kmX
LZH 30.58 281 eP 51 16.50 7.9X
1.5s 34.00nm 5.0mb
ZAK 30.99 309 eP 51 11.50 -0.3
1.4s 25.00nm 4.9mb
ILT 38.50 23 eP 52 18.00 2.1
MKS 46.41 212 iPd 53 21.60 0.7
FRU 51.01 299 (P) 53 57.00 0.6
e 54 09.00
BRVK 51.37 313 eP 53 58.00 -0.9
1.0s 9.00nm 4.7mb
Z 16s 0.23um 4.3MszX
N 16s 0.10um
E 16s 0.20um
WB2 56.47 189 eP 54 37.40 0.7
0.7s 5.80nm 4.7mb
WRA 56.47 189 P 54 34.80 -1.9
0.9s 2.30nm 4.2mb
ASPA 60.20 188 eP 55 08.40 5.7X
0.9s 8.20nm 4.9mb
GBA 61.57 266 P 55 10.70 -1.6
0.9s 9.00nm 4.9mb
YKA 64.17 30 eP 55 39.20 10.3X
0.8s 2.60nm
Z 18s 0.04um 3.7Msz
LR 25 12.00
KAF 69.07 333 eP 55 59.50 -0.5
BGMT 74.91 45 eP 56 36.90 1.5
NB2 74.95 338 P 56 35.00 0.0
0.9s 7.10nm 4.7mb
DUG 77.48 49 (P) 56 48.74 -1.0
0.8s 4.67nm 4.6mb
BRG 81.82 330 e(P) 57 10.10 -2.5
CLL 81.86 330 e(P) 57 12.00 -0.8
e 57 24.00
GEC2 83.48 329 P 57 21.30 -0.1
0.7s 1.34nm 4.3mb
e 57 33.40
ALQ 84.70 50 (P) 57 29.62 1.6
1.3s 2.03nm 4.2mb
e 57 38.05
VAY 84.81 319 eP 57 29.00 0.9
SKO 84.94 320 eP 57 29.50 0.7
i 57 40.00
LTX 90.20 53 (P) 57 55.32 0.7
LPB 146.85 61 PKP 04 20.80 -14.6X
MOCB 151.67 65 PKP 04 49.90 7.1X
S.D. = 1.2 on 40 of 49 obs.

% JUN 13, 1994 09h 51m 31.38± 0.64s
40.415 N ± 6.8km 25.859 E ± 5.4km
DEPTH = 5.0km (geophysicist)
AEGEAN SEA (365)

ALN 0.50 16 iPg 51 41.98 0.5
eSg 51 48.76
EZN 0.69 149 ePg 51 45.60 0.5
eSg 51 54.60
MFT 1.14 71 ePn 51 52.60 -0.7
OUR 1.44 267 ePb 51 57.60 -0.5
iSb 52 17.44
THE 2.22 277 ePn 52 09.40 0.1
KNT 2.37 289 ePn 52 12.08 0.5
eSn 52 41.64
GRG 2.68 283 ePn 52 15.68 -0.4
eSn 52 50.80
S.D. = 0.6 on 7 of 7 obs.

JUN 13, 1994 10h 07m 49.97± 0.52s
29.162 N ±10.5km 52.625 E ± 6.1km
DEPTH = 33.0km (normal)
4.2mb (3 obs.)
SOUTHERN IRAN (353)

RYD 6.96 232 eP 09 32.50 0.3
eS 10 50.50
KER 6.99 319 eP 09 32.00 -0.8
MJMA 7.30 245 eP 09 37.30 0.2
UQSK 9.71 252 eP 10 10.00 -0.6
PYUN 26.64 85 P 13 28.65 0.9
DANN 27.27 84 P 13 34.75 1.1
GKN 28.09 85 P 13 40.53 -0.4
0.3s 3.00nm 4.4mb
KKN 28.69 85 P 13 44.75 -1.6
GUN 29.19 84 P 13 50.69 -0.4
APO 40.64 332 eP 15 28.80 0.6
0.4s 2.30nm 4.2mb
NB2 42.03 331 P 15 40.50 0.8
0.6s 1.10nm 3.8mb
S.D. = 0.9 on 11 of 11 obs.

& JUN 13, 1994 10h 08m 36.68s
61.791 N 150.866 W
DEPTH = 47.1km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.5 (AEIC).

PWA 0.49 106 eP 08 47.62 -0.1
eS 08 57.02
CUT 0.68 24 eP 08 49.40 -0.7
eS 08 59.54
PMS 0.83 131 eP 08 51.65 -0.6
eS 09 03.98
SPU 0.84 224 eP 08 51.54 -0.8
eS 09 03.72
CP2 0.85 232 eP 08 51.77 -0.8
CKN 0.85 229 eP 08 52.33 -0.2
PLRM 0.85 103 eP 08 51.42 -1.0
CKT 0.87 228 eP 08 52.02 -0.9
GHO 0.92 90 eP 08 52.82 -0.7
BKG 0.99 223 eP 08 53.60 -0.8
NKA 1.07 190 eP 08 57.58 2.1
SML 1.20 88 eP 08 56.23 -1.2
KNK 1.21 107 eP 08 56.64 -0.9
HUR 1.32 25 eP 08 58.06 -1.0
eS 09 15.41
SLKM 1.33 166 eP 08 57.76 -1.4
RDT 1.43 212 eP 09 00.15 -0.5
DFR 1.49 217 eP 09 00.60 -0.9
REF 1.58 215 eP 09 01.97 -0.9
eS 09 23.14
RS2 1.62 215 eP 09 02.57 -0.9
RSO 1.62 215 eP 09 02.86 -0.6
RED 1.66 215 eP 09 03.18 -0.7
SCM 1.68 87 eP 09 02.63 -1.6
SEW 1.83 157 eP 09 06.11 -0.1
RND 1.87 29 eP 09 05.75 -1.1
INE 2.04 213 eP 09 09.04 -0.3
VZW 2.20 108 eP 09 09.17 -2.3
TOA 2.24 80 eP 09 10.89 -1.2
VLZ 2.28 105 eP 09 09.84 -2.6
CNPM 2.28 185 eP 09 12.91 0.3
LTI 2.29 139 eP 09 09.55 -3.2
FID 2.36 114 eP 09 11.00 -2.8
KLU 2.38 95 eP 09 11.54 -2.5
SVW 2.38 255 eP 09 11.69 -2.4
HIN 2.54 121 eP 09 13.47 -2.9
PDB 2.59 221 eP 09 17.98 0.9
SDG 2.60 71 eP 09 16.09 -1.2
CVA 2.78 114 eP 09 17.87 -1.8
PAX 2.78 62 eP 09 17.99 -1.9
HDA 3.17 32 eP 09 23.18 -2.1
CCB 3.18 24 eP 09 23.06 -2.4
MLY 3.25 1 eP 09 23.81 -2.7
GLB 3.39 93 eP 09 26.35 -2.0
IL1 3.49 29 eP 09 27.19 -2.6
ILB 3.49 29 eP 09 27.23 -2.6
IM3 4.40 344 eP 09 39.40 -3.2
BCA3 4.41 69 eP 09 39.77 -3.1
BM3 6.26 23 eP 10 06.14 -2.6
47 obs. associated

% JUN 13, 1994 10h 15m 58.93± 0.80s
40.823 N ± 6.8km 22.987 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE 0.19 185 ePg 16 03.01 -0.1
eSg 16 06.42
SOH 0.28 90 ePg 16 05.37 0.6
KNT 0.35 349 iPg 16 06.30 0.2
eSg 16 11.02
GRG 0.46 287 ePg 16 08.34 0.0
eSg 16 15.66
SRS 0.54 57 ePg 16 09.30 -0.7
S.D. = 0.6 on 5 of 5 obs.

JUN 13, 1994 10h 19m 32.63± 0.80s
35.222 N ± 7.0km 3.949 W ± 8.1km
DEPTH = 19.3 ± 8.4 km
STRAIT OF GIBRALTAR (385)
MD 3.5 (RBA). mbLg 3.3 (MDD).

EMEL 0.82 84 eP 19 49.04 1.1
eS 20 00.70
TAF 1.32 107 iPgc 19 56.80 0.6
iSg 20 13.00
i 20 19.50
EGUA 1.64 11 eP 19 59.91 -0.7
eS 20 17.90
EJIF 1.74 315 eP 20 06.55 4.5X
eS 20 27.50
ERON 1.80 4 eP 20 02.94 -0.1
eS 20 22.60
ELOJ 1.93 355 eP 20 05.01 0.1
eS 20 26.40
IFR 1.96 210 iPnc 20 06.50 1.0
iSg 20 28.50
i 20 29.50
ALJ 1.97 318 iP 20 08.00 2.4
EPRU 2.03 330 eP 20 08.23 2.0
eS 20 31.10
ECOG 2.07 8 eP 20 06.65 -0.4
eS 20 28.90
ENIJ 2.24 38 eP 20 09.31 -0.1
eS 20 32.50
EHOR 2.80 338 eP 20 17.89 0.7
eS 20 47.70
EHUE 2.81 22 eP 20 16.97 -0.5
eS 20 46.40
AVE 3.45 237 e(Pn) 20 34.00 7.5X
e 20 46.00
iSn 21 02.00
TIO 5.11 214 iPn 20 48.50 -1.6
i 21 33.00
i 21 40.00
iSn 21 44.00
S.D. = 1.3 on 13 of 15 obs.

? JUN 13, 1994 11h 07m 00.54± 2.18s
15.141 S ±32.2km 175.183 W ±24.3km
DEPTH = 305.7 ± 19.1 km
4.3mb (9 obs.)
TONGA ISLANDS (173)

VUN 6.73 244 eP 08 40.30 0.9
DZM 18.72 246 iPc 10 58.90 -0.2
ARMA 34.01 238 eP 13 18.00 -0.2

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Part 2 of 2
P. 209-415

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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CTA 37.02 257 iPc 13 44.50 1.0
0.9s 18.91nm 4.5mb
CNB 37.56 231 eP 13 47.20 -0.6
0.7s 16.00nm 4.5mb
TOO 41.31 230 iPc 14 18.30 -0.2
0.8s 16.00nm 4.3mb
STKA 42.68 239 iPc 14 29.10 -0.5
1.2s 20.20nm 4.2mb
WB2 48.22 257 iPc 15 12.40 -0.7
0.8s 20.00nm 4.5mb
WRA 48.23 257 P 15 12.90 -0.3
0.8s 8.90nm 4.1mb
ASPA 48.56 252 iPd 15 15.00 -0.7
0.6s 172.70nm 5.6mb X
MTN 52.04 265 eP 15 42.00 0.1
WOOL 59.47 243 iPc 16 33.10 -1.1
ALQ 81.96 51 eP 18 47.43 -0.7
0.6s 1.80nm 4.1mb
FBA 82.47 11 eP 18 48.19 -1.7
0.5s 0.83nm 3.8mb
BGMT 82.84 39 eP 18 51.80 -0.7
BW06 83.24 42 eP 18 52.73 -1.8
0.5s 2.80nm 4.3mb
MOX 144.16 353 ePKP 26 00.20 -1.2
1.3s 14.00nm
PRU 144.36 349 PKP 26 00.50 -1.2
GRF 145.15 353 ePKPd 26 03.60 0.5
KHC 145.35 350 PKPc 26 04.00 0.5
1.2s 22.00nm
ZST 145.51 345 ePKP 26 05.20 1.4
SRO 145.56 344 ePKP 26 09.80 6.0X
GEC2 145.61 350 PKP 26 04.00 0.0
1.4s 12.01nm
PcP 26 11.70
FLN 146.19 6 ePKP 26 05.80 1.0
0.4s 3.85nm
LDF 146.40 6 ePKP 26 06.40 1.2
0.4s 4.75nm
GRR 146.52 7 ePKP 26 06.80 1.4
0.6s 7.05nm
CDF 146.76 357 ePKP 26 08.20 2.3
0.7s 7.40nm
LPF 146.85 7 ePKP 26 07.50 1.6
0.5s 16.40nm
HAU 147.21 358 ePKP 26 09.40 2.9X
0.8s 13.85nm
BSF 147.36 358 ePKP 26 09.70 2.8X
0.5s 3.30nm
LOR 147.96 1 ePKP 26 11.40 3.6X
0.6s 4.05nm
SSF 148.16 2 ePKP 26 12.10 4.0X
1.1s 14.15nm
LBF 148.24 1 ePKP 26 12.10 3.8X
0.7s 5.75nm
AVF 148.42 2 ePKP 26 12.30 3.8X
0.9s 4.90nm
BGF 148.64 3 ePKP 26 13.00 4.2X
0.4s 3.40nm
LSF 148.86 4 ePKP 26 13.30 4.1X
0.8s 8.35nm
TCF 148.87 3 ePKP 26 13.40 4.1X
1.1s 6.85nm
MAF 148.96 3 ePKP 26 14.00 4.6X
0.8s 8.35nm
LPL 149.68 357 ePKP 26 16.80 6.0X
0.7s 5.30nm
LPG 149.70 357 ePKP 26 17.00 6.1X
0.6s 5.05nm
S.D. = 1.1 on 27 of 40 obs.

? JUN 13, 1994 11h 29m 01.74± 1.25s
39.152 N ± 9.8km 27.435 E ±19.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.77 190 ePg 29 16.70 0.0
eSg 29 28.50
DST 1.03 64 ePn 29 21.40 0.2
EDC 1.24 15 ePn 29 25.00 0.3
KCT 1.31 33 ePn 29 25.50 -0.4
S.D. = 0.5 on 4 of 4 obs.

% JUN 13, 1994 11h 46m 52.43± 0.83s
39.117 N ± 6.9km 27.630 E ± 8.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.77 202 ePg 47 07.50 0.0
eSg 47 20.00
DST 0.91 57 ePg 47 09.90 -0.1
EZN 1.23 305 ePn 47 15.50 0.2
EDC 1.24 8 ePn 47 15.00 -0.5
BNT 1.26 10 ePn 47 15.60 -0.2
KCT 1.26 26 ePn 47 16.50 0.6
S.D. = 0.5 on 6 of 6 obs.

% JUN 13, 1994 11h 49m 52.52± 2.48s
11.060 N ± 9.8km 62.192 W ±31.0km
DEPTH = 80.0km (geophysicist)
WINDWARD ISLANDS (95)
MD 3.6 (TRN).

TCE 0.56 130 iPd 50 06.98 0.0
TRN 0.88 118 iPd 50 10.41 0.1
eS 50 23.13
TPP 1.04 135 iPc 50 12.34 0.1
eS 50 26.94
GRW 1.21 25 iP 50 16.26 1.7
TBH 1.25 117 iP 50 14.57 -0.3
eS 50 33.32
BOT 1.45 86 iP 50 17.70 0.1
SVB 2.38 23 eP 50 30.00 -0.2
eS 50 57.00
SVV 2.44 23 eP 50 31.00 0.0
eS 50 58.00
SLB 2.97 22 eP 50 37.00 -1.4
eS 51 12.00
S.D. = 0.9 on 9 of 9 obs.

% JUN 13, 1994 12h 23m 04.91± 0.91s
39.373 N ± 7.6km 27.991 E ± 9.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

DST 0.54 65 ePg 23 16.00 0.1
eSg 23 25.40
KCT 0.92 18 iPg 23 22.50 0.0
iSg 23 37.50
EDC 0.98 354 ePg 23 23.00 -0.5
IZM 1.13 211 ePg 23 26.00 -0.1
eSg 23 41.00
MFT 1.51 339 ePn 23 32.60 0.5
S.D. = 0.5 on 5 of 5 obs.

% JUN 13, 1994 12h 24m 17.78± 2.03s
40.886 N ±11.1km 23.941 E ±16.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)

SRS 0.35 311 iPg 24 24.73 -0.3
eSg 24 30.28
SOH 0.45 262 ePg 24 26.40 -0.6
eSg 24 33.04
OUR 0.55 177 iPg 24 28.53 -0.4
eSg 24 38.00
KNT 0.84 290 ePg 24 34.36 0.4
eSg 24 46.84
PAIG 0.98 192 ePg 24 36.80 0.5
iSg 24 50.40
GRG 1.17 274 ePg 24 39.92 0.3
eSg 24 55.32
S.D. = 0.6 on 6 of 6 obs.

? JUN 13, 1994 12h 49m 14.80± 1.16s
19.790 S ±11.5km 170.191 E ±15.5km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
VANUATU ISLANDS (186)

BKM 2.80 319 iP 49 58.50 0.2
iS 50 30.50
DZM 4.17 236 iPc 50 17.80 -0.1
iS 51 04.80
NOUC 4.30 237 iPc 50 20.10 0.5
iS 51 08.60
CTA 22.50 265 eP 54 21.00 8.0X
WB2 33.67 264 iPd 55 54.70 -0.3
0.3s 2.70nm 4.6mb
WRA 33.68 264 P 55 54.80 -0.3
0.5s 0.70nm 3.8mb
ASPA 33.87 257 eP 55 56.60 -0.2
0.4s 9.90nm 5.1mb
i 56 03.50
GEC2 145.40 332 PKP 08 51.60 0.6
0.6s 0.49nm
SKO 145.55 317 iPKP 08 51.00 -0.4
S.D. = 0.4 on 8 of 9 obs.

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* JUN 13, 1994 13h 03m 41.56± 1.59s
31.553 N ±15.1km 131.855 E ±13.5km
DEPTH = 33.0km (normal)
KYUSHU, JAPAN (235)

KAGJ 0.90 246 iP+ 03 57.80 -0.1
S 04 11.10
KUMJ 1.31 319 iP+ 04 04.00 0.3
S 04 21.40
SHNJ 2.64 346 P 04 22.50 -0.2
TKSJ 3.05 37 P 04 28.90 0.4
YONJ 3.87 20 P 04 39.80 -0.4
S 05 25.10
BJI 15.27 308 eP 07 20.00 3.8X
1.4s 12.00nm 4.0mb
Z 14s 0.41um
S.D. = 0.5 on 5 of 6 obs.

? JUN 13, 1994 13h 35m 32.88± 1.08s
39.272 N ± 9.5km 27.627 E ±16.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

DST 0.84 66 ePg 35 49.00 -0.2
eSg 36 02.30
IZM 0.92 198 ePg 35 50.50 0.0
eSg 36 05.70
EDC 1.09 10 ePn 35 53.00 -0.3
KCT 1.13 30 ePn 35 54.50 0.5
S.D. = 0.6 on 4 of 4 obs.

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* JUN 13, 1994 14h 16m 49.14± 0.72s
4.098 N ± 9.8km 94.857 E ± 8.7km
DEPTH = 33.0km (normal)
5.0mb (14 obs.)
OFF W COAST OF NORTHERN SUMATERA(705)

IPM 6.17 85 ePc 18 20.00 -0.4
0.4s 62.70nm 5.6mb
e 19 36.80
SNG 6.50 62 eP 18 24.50 -0.4
1.0s 240.00nm 5.9mb
KGM 8.70 104 eP 18 57.00 1.3
NNT 9.72 29 eP 19 11.00 1.2
CHTO 15.16 15 iPc 20 25.40 2.8
0.8s 46.49nm 4.8mb
KMI 22.24 19 P+ 21 44.00 -1.0
1.0s 80.00nm 5.1mb
sP 22 00.00
ODAN 23.73 343 P 22 00.33 0.7
RAMN 24.06 342 P 22 03.89 1.2
TAPN 24.11 344 P 22 03.77 0.5
JIRN 24.85 341 P 22 10.97 0.4
PKI 25.02 340 P 22 11.93 -0.2
DMN 25.16 339 P 22 14.03 0.6
GUN 25.18 341 P 22 12.41 -1.2
KKN 25.27 340 P 22 14.07 -0.3
GKN 25.69 339 P 22 17.61 -0.6
KOLN 25.87 337 P 22 19.65 -0.3
DANN 26.33 338 P 22 23.77 -0.5
PYUN 26.41 336 P 22 23.69 -1.2
LZH 32.89 13 eP 23 18.00 -4.6X
1.5s 21.00nm 4.8mb
BJI 40.63 25 eP 24 27.00 -0.7
1.4s 37.00nm 4.9mb
WRA 45.56 123 P 25 08.40 0.4
0.7s 6.60nm 4.7mb
WB2 45.57 123 iPc 25 08.00 -0.1
0.7s 14.00nm 5.0mb
i 25 19.50
ZAK 46.67 7 eP 25 11.00 -5.3X
2.0s 26.00nm 4.9mb
e 27 05.00
ASPA 47.00 128 iPd 25 19.30 -0.1
0.7s 10.90nm 5.0mb
i 25 31.60
ePcP 27 07.40
YSS 59.36 36 iPc 26 48.20 -2.2
1.0s 30.00nm 5.4mb

e 27 03.40
YAK 63.34 18 iPc 27 13.30 -3.8X
1.0s 55.00nm 5.6mb
i 27 30.00
BCAO 76.08 274 ePd 28 38.00 2.0
0.2s 4.00nm 5.1mb
ILT 84.89 22 iPd 29 19.80 -1.8
1.5s 17.00nm 5.0mb
S.D. = 1.2 on 25 of 28 obs.

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* JUN 13, 1994 14h 23m 52.74± 1.97s
37.976 N ±16.6km 20.077 E ± 7.9km
DEPTH = 10.0km (geophysicist)
3.7mb (1 obs.)
IONIAN SEA (399)
MD 3.7 (ATH).

VLS 0.45 63 iPgd 24 01.60 -0.3
IGT 1.57 7 ePb 24 21.46 0.8
eSb 24 39.14
KEK 1.75 353 ePb 24 24.80 1.5
eSg 24 50.10
AGG 2.05 59 ePb 24 28.58 0.8
eSb 24 51.78
LSK 2.21 10 ePn 24 30.40 0.4
VLO 2.53 350 ePn 24 36.00 1.5
VLI 2.60 118 ePg 24 46.00 10.4X
KZN 2.67 29 iPnc 24 41.20 4.5X
ATH 2.88 89 ePn 24 40.50 1.1
FNA 2.98 19 ePn 24 41.26 0.3
eSn 25 13.42
TIR 3.37 357 ePn 24 47.50 1.0
PAIG 3.42 54 iPn 24 46.94 -0.2
eSn 25 24.94
THE 3.47 39 ePn 24 48.70 0.9
GRG 3.48 30 ePn 24 47.90 -0.1
LACI 3.67 356 ePn 24 51.00 0.4
PHP 3.71 4 ePn 24 52.00 0.6
iSn 25 34.50
SOH 3.81 41 ePn 24 52.38 -0.4
eSn 25 32.30
OUR 3.84 51 ePn 24 52.90 -0.2
iSn 25 33.22
VAY 3.85 29 iPn 24 51.00 -2.3
i 24 59.20
KNT 3.86 34 ePn 24 52.70 -0.7
SKO 4.13 14 ePn 24 57.00 -0.1
i 25 05.00
i 25 08.00
SRS 4.15 40 ePn 24 57.10 -0.4
ALN 5.46 56 ePn 25 15.38 -0.8
HVAR 5.88 333 iPn 25 21.30 -0.7
iSn 26 25.10
PTJ 8.49 340 iP 25 56.50 -2.2
VOY 9.27 332 ePnc 26 08.80 -0.6
eSn 27 46.70
HFS 22.55 352 eP 28 53.60 -0.3
0.4s 0.90nm 3.7mb
S.D. = 1.0 on 25 of 27 obs.

% JUN 13, 1994 15h 13m 06.41± 1.06s
36.802 N ±10.6km 2.909 W ± 4.7km
DEPTH = 5.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.6 (MDD).

EGUA 0.53 274 iPd 13 17.37 0.4
eS 13 24.40
ENIJ 0.59 73 iPd 13 18.20 0.0
eS 13 26.70
ECOG 0.71 312 iPc 13 20.49 -0.1
eS 13 30.30
ERON 0.75 287 iPc 13 21.54 0.0
eS 13 31.80
EHUE 1.04 14 eP 13 27.51 0.9
eS 13 40.70
ELOJ 1.05 289 eP 13 27.13 0.3
eS 13 41.50
EBAN 1.53 333 eP 13 34.26 -0.2
eS 13 54.80
EVIA 1.86 10 eP 13 38.56 -0.8
eS 14 02.30
EPRU 1.87 276 eP 13 39.26 -0.1
eS 14 03.00
EHOR 2.12 299 eP 13 42.50 -0.5
eS 14 09.50
S.D. = 0.5 on 10 of 10 obs.

% JUN 13, 1994 15h 48m 58.42± 3.28s
44.823 N ±26.0km 7.599 E ± 8.8km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.1 (GEN).

PZZ 0.48 228 P 49 08.29 0.2
S 49 14.93
ROB 0.56 160 P 49 10.35 0.5
S 49 17.99
ENR 0.61 192 P 49 10.35 -0.4
S 49 18.04
PCP 0.73 112 P 49 12.78 0.0
FIN 0.75 144 P 49 13.05 -0.1
S.D. = 0.5 on 5 of 5 obs.

JUN 13, 1994 16h 04m 24.76± 0.54s
44.215 N ± 7.7km 9.793 E ± 4.5km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.7 (GEN), 2.5 (LDG).

BORS 0.04 38 P 04 28.07 1.2
SARO 0.44 94 P 04 33.96 0.2
S 04 39.94
PCP 0.95 290 P 04 43.54 0.6
S 04 55.30
FIN 1.14 270 P 04 45.92 -0.2
S 04 59.25
ROB 1.38 274 P 04 49.87 -0.3
ENR 1.71 271 P 04 54.67 -0.1
SBF 1.74 259 Pn 04 56.20 1.0
Sn 05 16.70
PGF 1.76 199 Pn 04 54.90 -0.7
Sn 05 14.00
PZZ 1.95 279 P 04 57.59 -0.8
FRF 2.37 255 Pn 05 04.60 0.4
Sn 05 30.60
LPG 2.51 302 Pn 05 11.30 4.7X
LMR 2.54 251 Pn 05 06.20 -0.4
Sn 05 33.90
LPL 2.54 302 Pn 05 10.80 4.0X
Sn 05 41.20
LRG 2.60 254 Pn 05 08.10 0.6
Sn 05 36.20
GEC2 5.36 29 Pn 05 45.50 -1.3
0.2s 0.17nm 3.5mb
e 05 47.10
S.D. = 0.8 on 13 of 15 obs.

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* JUN 13, 1994 16h 27m 32.34± 1.75s
10.562 S ± 7.8km 161.444 E ±10.8km
DEPTH = 61.4 ± 16.0 km
4.6mb (13 obs.) 4.3Msz (1 obs.)
SOLOMON ISLANDS (193)

HNR 1.85 307 iP 28 02.50 0.2
iS 28 24.00
DZM 12.41 158 iPc 30 27.30 -1.0
CTA 17.43 235 iPd 31 35.00 2.1
1.2s 117.19nm 4.9mb
e 31 44.00
ARMA 21.77 203 eP 32 21.00 0.3
0.8s 15.00nm 4.4mb
WB2 27.71 247 eP 33 16.20 -0.9
0.6s 6.60nm 4.4mb
STKA 28.05 218 eP 33 19.80 -0.1
1.3s 13.40nm 4.4mb
ASPA 29.30 240 eP 33 29.60 -1.8
0.7s 7.30nm 4.4mb
Z 20s 0.80um 4.3Msz
ipP 33 45.30 65kmX
TOO 30.48 205 iPc 33 41.90 0.2
0.6s 19.00nm 5.0mb
MBL 41.27 250 eP 35 13.30 -0.1
0.6s 9.00nm 4.7mb
MAT 51.71 336 eP 36 33.00 -2.5
LEM 53.29 269 ePd 36 48.60 0.8
SVW 79.02 20 ePc 39 32.01 0.9
0.7s 35.75nm 5.4mb
e 39 42.53
SPA 79.50 180 iPc 39 34.20 0.4
0.7s 2.73nm 4.3mb
TTA 80.24 18 eP 39 37.70 0.1
0.9s 6.70nm 4.6mb
SLKM 80.49 22 (P) 39 38.87 -0.1
PWA 81.38 21 eP 39 45.20 1.7
0.8s 8.90nm 4.8mb
IMA 83.22 17 eP 39 53.00 -0.2
1.3s 7.70nm 4.5mb
BALM 83.85 24 eP 39 56.40 0.0
FBA 84.23 19 eP 39 57.59 -0.5
0.7s 1.42nm 4.1mb
PV08 96.42 52 (P) 40 57.09 0.5
BCAO 142.75 263 ePKPc 46 57.50 -4.0X
0.5s 5.00nm
SOB1 150.34 131 ePKP 47 18.40 4.6X
S.D. = 1.1 on 20 of 22 obs.

? JUN 13, 1994 16h 46m 17.45± 4.93s
38.662 N ±27.0km 26.372 E ±39.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 2.9 (ISK).

IZM 0.75 110 ePg 46 32.10 0.0
eSg 46 42.40
EZN 1.16 358 ePn 46 39.10 -0.1
BNT 2.07 35 ePn 46 53.00 0.3
KCT 2.21 43 ePn 46 54.40 -0.3
S.D. = 0.4 on 4 of 4 obs.

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* JUN 13, 1994 17h 17m 31.54± 2.05s
32.589 S ±12.3km 71.561 W ±12.4km
DEPTH = 12.1 ± 4.8 km
NEAR COAST OF CENTRAL CHILE (135)
Felt (III) at Papudo and (II) at
La Ligua.

IHA 0.44 189 iPc 17 40.70 0.1
iS 17 47.30
ROCH 0.60 130 iPd 17 44.06 0.4
JACH 0.82 97 iP+ 17 46.58 -0.8
iS 17 59.26
LCCH 0.88 180 iP+ 17 47.71 -0.6
iS 18 03.98
PEL 0.92 127 iPd 17 49.25 0.3
SAN 1.15 139 iP 17 52.75 -0.1
iS 18 12.06
TACH 1.18 154 iP+ 17 53.35 -0.1
FCH 1.30 125 iPd 17 54.81 -0.8
LNV 1.37 175 iPd 17 55.54 -0.8
iS 18 17.52
CHCH 1.54 151 iP+ 17 59.36 0.5
iS 18 23.56
CACH 1.72 152 iPd 18 03.14 1.5
iS 18 29.29
ZON 2.66 68 eP 18 15.30 0.3
S.D. = 0.8 on 12 of 12 obs.

JUN 13, 1994 17h 34m 40.97± 0.24s
27.952 N ± 4.6km 140.757 E ± 4.8km
DEPTH = 31.8km (6 depth phases)
5.1mb (66 obs.) 5.0Msz (12 obs.)
BONIN ISLANDS REGION (212)
Mw 5.4 (HRV). Ms 5.0 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 55C
Centroid Location:
Origin Time 17:34:42.0 0.3
Lat 27.79N 0.05 Lon 140.60E 0.04
Dep 15.0 FIX Half-duration 1.3
Moment Tensor; Scale 10**17 Nm
Mrr=-1.34 0.05 Mtt=-0.34 0.08
Mff= 1.68 0.06 Mrt=-0.22 0.19
Mrf=-0.23 0.26 Mtf=-0.32 0.06
Principal Axes:
T Val= 1.74 Plg= 4 Azm= 82
N -0.32 14 172
P -1.41 76 337
Best Double Couple:Mo=1.6*10**17
NP1:Strike=157 Dip=43 Slip=-111
NP2: 4 50 -72

IIDJ 7.89 343 P 36 40.70 4.3X
CHJJ 8.21 350 P 36 42.60 1.8
KAKJ 8.24 357 eP 36 41.50 0.2
TKSJ 8.32 318 P 36 46.30 3.9X
TSRJ 8.58 333 P 36 51.50 5.5X
MAT 8.83 347 iPc 36 51.90 2.5
0.9s 100.84nm 6.0mb
eS 38 36.00

13d 17h

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MTMJ     8.96 345 P      36 54.30   3.0X
NIIJ     9.38 351 eP     36 55.50  -1.5
YONJ     9.52 321 P      37 03.80   4.8X
KUMJ     9.72 300 eP     37 00.20  -1.5
YAMJ    10.21 357 P      37 07.00  -1.4
SHNJ    10.31 309 eP     37 12.60   2.9X
OFUJ    11.12   4 P      37 19.30  -1.6
                  eS     39 17.30
MRRJ    14.44   1 eP     38 02.30  -2.7
HOOJ    14.54   7 eP     38 04.80  -1.5
                  eS     40 40.00
GUMO    14.80 164 eP     38 17.20   7.5X
        1.3s  305.80nm          5.5mb
PJG     14.80 164 eP     38 17.50   7.7X
GUA     14.86 164 eP     38 17.20   6.7X
KUSJ    15.45  11 eP     38 15.70  -2.4
                  eS     41 01.50
ASAJ    16.20   5 eP     38 26.30  -1.5
VLA     16.75 337 iPd    38 36.00   1.3
     N  13s     0.60um
YSS     19.09   4 iPd-   39 03.80   0.2
        1.0s  160.00nm          5.2mb
     Z  16s     4.00um          4.0MszX
     N  14s     3.30um
     E  16s     1.90um
                  iS     42 38.00
CVP     20.19 244 ePd    39 17.50   1.7
BAG     21.90 243 ePc+   39 35.00   1.6
                  eS     43 12.00
QCP     22.58 238 eP     39 55.50  15.5X
TGY     23.02 237 ePc    39 49.00   4.6X
PGP     23.40 236 eP     39 52.20   4.2X
BJI     23.60 307 Pc     39 51.50   1.8
        2.0s  295.00nm          5.5mb
     Z  16s     3.80um          5.0MszX
     N  12s     2.19um
                  esP    40 00.00
                  eS     44 04.00
                  esS    44 12.00
                  eSS    44 54.00
BIP     23.93 218 eP     39 55.00   1.8
HKC     24.69 263 eP     40 05.60   5.1X
                  S      44 25.00
DAV     25.25 218 ePc    39 56.00  -9.8X
PET     28.34  23 eP     40 36.00   2.2
     Z  16s     2.50um          4.9MszX
                  eS     45 10.00
CIT     31.45 327 eP     41 02.00   0.4
     Z  15s     1.60um          4.8MszX
                  eS     46 08.00
LZH     32.18 294 Pd     41 09.00   0.6
        2.0s  272.00nm          5.8mb
     Z  19s     5.41um          5.3Msz
     E  14s     2.46um
                  pP     41 19.50  38km
                  sP     41 59.00
                  PP     42 18.00
                  eS     46 18.00
                  esS    46 40.00
                  SS     48 15.00
KMI     34.04 274 P-     41 24.00  -0.7
        1.4s   50.00nm          5.3mb
     Z  20s     3.60um          5.1Msz
     N  14s     3.00um
     E  15s     2.90um
                  pP     41 39.00  60kmX
                  PP     42 44.00
                  S      46 47.00
                  sS     47 17.00
                  ScP    47 42.00
                  SS     48 58.00
                  ScS    51 42.00
YAK     34.85 351 iPd-   41 30.20  -0.7
        1.8s  188.00nm          5.7mb
     Z  16s     2.30um          5.0MszX
     N  16s     1.20um
     E  14s     1.40um
                  e      42 46.00
                  ePPP   43 07.00
                  e      44 04.00
                  iS     46 59.00
                  eSSS   49 44.00
                  i      51 47.00
BOD     35.21 335 eP     41 33.70  -0.3
ZAK     36.13 319 eP     41 42.00   0.1
        1.0s   28.00nm          5.1mb
                  e      43 08.00
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                  eS     47 26.00
IRK     36.38 322 eP     41 44.00   0.0
     Z  14s     1.66um          5.0MszX
     N  12s     0.83um
     E  14s     1.00um
                  e      43 12.00
                  e      43 36.00
LOE     37.37 262 eP     41 54.00   1.3
CHTO    39.28 266 eP     42 09.20   0.4
        1.4s   61.06nm          5.2mb
NST     39.47 261 eP     42 13.00   2.7X
ADK     39.66  41 eP     42 12.25   0.8
        0.7s   17.81nm          4.9mb
BDT     39.82 264 eP     42 14.00   0.8
        1.0s   48.30nm          5.2mb
MTN     41.61 194 eP     42 27.00  -0.8
IPM     44.34 246 ePd    42 52.20   2.0
TAPN    46.68 282 P      43 10.61   1.6
ILT     46.69  20 iPd    43 08.00  -0.1
        1.0s  150.00nm          5.9mb
     Z  12s     0.50um          4.7MszX
                  iS     49 55.00
ODAN    47.07 282 P      43 12.89   0.8
LEM     47.12 228 iPc    43 14.00   1.7
RAMN    47.73 282 P      43 18.25   0.9
        0.9s  161.00nm          6.0mb
JIRN    47.92 283 P      43 20.17   1.3
WB2     48.01 188 iPc    43 17.40  -1.7
        0.7s   40.80nm          5.6mb
                  iPcP   44 47.80
WRA     48.01 188 P      43 17.50  -1.6
        0.7s   54.70nm          5.7mb
WRA     48.01 188 P      43 33.00  13.9X
        0.8s   11.80nm
CTA     48.05 173 P      43 22.20   2.8X
CTA     48.05 173 iPc    43 16.00  -3.4X
                  e      43 19.00
GUN     48.12 284 P      43 21.81   1.3
PKI     48.61 283 P      43 24.47   0.3
        1.1s  129.00nm          5.9mb
KKN     48.67 284 P      43 25.33   0.8
        1.2s  208.00nm          6.0mb
DMN     48.86 283 P      43 26.41   0.4
GKN     49.17 284 P      43 28.91   0.6
ANM     49.77  27 ePc    43 33.68   1.5
DANN    49.84 285 P      43 34.63   1.1
SDN     49.84  40 ePc    43 32.06  -0.7
        0.7s   59.70nm          5.7mb
KOLN    50.12 284 P      43 36.51   0.9
        1.4s  430.00nm          6.3mb X
PYUN    50.56 285 P      43 39.97   1.0
ASPA    51.74 188 iPd    43 45.30  -2.3
        1.2s   26.80nm          5.1mb
     Z  21s     0.80um          4.7Msz
                  iPcP   45 38.50
                  ePP    46 08.60
                  eS     50 45.90
AAA     52.87 305 iP     43 58.00   2.0
                  eS     51 37.00
SVW     53.24  33 ePd    43 58.87   0.4
        0.8s   21.20nm          5.2mb
TTA     53.35  31 eP     43 59.99   0.7
        0.9s    5.02nm          4.5mb
FRU     54.61 304 eP     44 10.20   1.4
        2.5s  220.00nm          5.7mb
                  e      46 13.20
IMA     54.90  27 eP     44 10.82   0.1
        0.8s    4.79nm          4.6mb
NDI     55.32 287 iPc    44 14.50   0.4
        1.2s   78.13nm          5.6mb
DZM     55.58 151 iPc    44 14.60  -1.4
PMR     56.40  33 eP     44 21.34   0.0
        0.8s    8.32nm          4.8mb
BRVK    56.62 317 iPc    44 22.00  -1.1
        1.0s   18.00nm          5.1mb
     Z  20s     1.07um          4.9Msz
     N  16s     1.02um
     E  20s     0.81um
FBA     57.20  29 eP     44 27.77   0.7
        0.9s    5.11nm          4.6mb
                  epP    44 38.66  37km
TOA     57.82  32 eP     44 30.20  -1.3
        0.9s   30.40nm          5.4mb
HYB     57.82 274 eP     44 32.30   0.2
KLU     57.93  33 eP     44 32.44   0.1
STKA    59.50 179 eP     44 41.20  -2.1
        0.8s   30.60nm          5.5mb
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BALM    59.67  33 eP     44 44.15  -0.3
GBA     60.32 270 P      44 49.20  -0.2
        0.6s   12.00nm          5.2mb
WOOL    61.47 199 iPc    44 55.60  -1.2
POO     61.54 277 (P)    44 59.50   1.8
SVE     61.78 322 ePc    44 57.90  -0.8
     Z  12s     1.40um          5.3MszX
     N  12s     1.00um
     E  12s     0.90um
                  eS     53 56.50
                  e      57 34.00
BWA     62.46 173 eP     45 01.00  -2.5
INK     62.78  25 eP     45 04.50  -0.7
        1.0s    5.00nm          4.6mb
CAN     63.41 172 eP     45 07.30  -2.4
CNB     63.45 172 eP     45 08.40  -1.6
        1.0s   18.00nm          5.1mb
TOO     65.33 176 eP     45 22.30   0.2
        0.8s   19.00nm          5.2mb
MBC     65.39  15 eP     45 23.00   0.9
        1.0s    9.00nm          4.8mb
MAIO    67.46 300 eP     45 37.00   1.0
                  eS     54 40.00
ASH     67.79 302 eP     45 38.50   0.5
KAT     68.93 304 eP     45 47.00   2.0
LVZ     70.20 337 (P)    45 53.30   0.9
                  e      48 27.70
RES     71.53  13 eP     46 00.50   0.3
        0.9s    8.00nm          4.8mb
YKA     71.99  28 eP     46 02.90  -0.3
        1.0s   15.10nm          5.0mb
     Z  21s     0.44um          4.7Msz
                  LR     18 40.00
MAK     73.78 310 eP     46 16.00   2.0
     Z  14s     2.00um          5.6MszX
     N  14s     1.80um
     E  14s     1.00um
MOS     74.28 325 eP     46 16.00  -0.6
     Z  14s     1.20um          5.3MszX
RMW     74.65  44 eP     46 20.26   1.2
DAG     74.76 355 iPd    46 19.50   0.4
        0.9s   55.46nm          5.6mb
                  isP    48 40.50
GRO     74.82 311 eP     46 20.00   0.0
     Z  18s     2.50um          5.6Msz
     N  14s     0.70um
     E  18s     3.50um
FMW     74.95  45 P      46 22.56   1.6
OBN     75.10 325 iPc    46 20.70  -0.6
        1.0s   37.00nm          5.3mb
     Z  16s     0.70um          5.1MszX
     N  18s     0.70um
     E  18s     0.40um
                  e      46 30.00
                  (S)    56 20.00
                  (PS)   57 00.00
SSOR    75.32  47 P      46 24.97   1.9
EBG     75.64  44 P      46 26.22   1.5
WTV     75.68  43 P      46 26.08   1.1
SAW     76.01  43 P      46 27.95   1.1
KMPM    76.07  52 eP     46 29.37   2.1
VGB     76.11  46 eP     46 29.74   2.3
KAF     76.15 334 iP     46 26.30  -0.9
        0.5s    5.60nm          4.8mb
CROR    76.21  46 P      46 29.72   1.7
PYA     76.26 313 eP     46 28.00  -0.3
     Z  18s     1.50um          5.3Msz
                  e      57 04.00
VIPM    76.65  47 P      46 31.85   1.2
WDC     77.09  51 eP     46 41.11   8.2X
     Z  21s     0.70um          5.0Msz
                  eS     56 17.11
                  eSP    57 02.11
                  ePS    57 10.11
                  eSS    01 20.11
                  eLQ    06 45.11
                  eLR    10 05.11
NEW     77.13  42 eP     46 33.85   0.8
        1.3s   39.04nm          5.3mb
LBFM    77.20  50 ePc    46 34.98   1.2
KER     77.57 302 ePc    46 54.50  18.7X
NUR     77.73 333 iP     46 35.20  -0.8
        0.8s   13.60nm          5.0mb
ORV     78.25  51 eP     46 37.36  -2.0
     Z  18s     0.70um          5.0Msz
                  eS     56 04.36
                  iPS    57 08.36
```

iPPS 57 33.36
e 57 49.36
eSS 01 39.36
eLQ 07 14.36
ePKKS 08 29.36
eLR 10 05.36
SOC 78.63 313 eP 46 26.00 -15.3X
Z 16s 0.90um 5.2MszX
N 16s 0.70um
E 16s 0.70um
ARN 79.22 54 eP 46 45.83 1.1
ANN 79.54 315 eP 46 45.00 -1.2
1.0s 30.00nm 5.3mb
Z 15s 0.50um 5.0MszX
e 56 58.00
CMB 79.72 52 eP 46 48.42 1.0
1.5s 42.00nm 5.2mb
MNK 80.23 326 eP 46 47.00 -2.7
KVN 80.83 51 eP 46 54.86 1.4
UPP 80.88 335 iP 46 52.10 -0.9
i 47 04.60
TNP 81.90 51 eP 46 58.30 -0.8
0.8s 8.45nm 4.8mb
HFS 82.14 336 eP 46 58.20 -1.4
0.5s 4.70nm 4.8mb
NB2 82.35 338 P 46 59.60 -1.2
0.7s 5.30nm 4.7mb
HVU 83.00 46 eP 47 05.90 1.2
TPNV 83.12 52 eP 47 06.15 0.7
KIS 83.43 320 eP 47 05.00 -1.5
Z 16s 1.10um 5.3MszX
E 17s 1.10um
eS 57 38.00
e 58 48.00
GSC 83.55 53 eP 47 08.10 0.6
CSP 83.64 55 eP 47 09.53 1.4
epP 47 18.00 27km
DUG 83.80 48 eP 47 08.78 0.0
1.0s 15.76nm 5.1mb
epP 47 18.81 32km
PEC 83.99 55 eP 47 09.44 -0.3
1.6s 46.53nm 5.4mb
epP 47 19.21 31km
BW06 84.49 44 ePc 47 13.23 0.9
0.9s 12.16nm 5.1mb
DAU 84.69 47 eP 47 14.01 0.5
MSU 85.10 49 eP 47 16.43 1.0
FRB 85.73 13 eP 47 18.50 0.8
0.9s 15.00nm 5.2mb
SRU 85.87 48 eP 47 19.04 -0.2
RSSD 87.01 41 eP 47 25.36 0.6
1.6s 34.80nm 5.3mb
PV10 87.24 48 ePc 47 27.43 1.4
ULM 87.41 32 eP 47 29.00 2.7X
BRG 88.57 330 eP 47 31.80 0.0
CLL 88.68 330 eP 47 31.00 -1.3
1.7s 15.00nm 5.0mb
GOL 88.83 45 eP 47 36.11 2.5
0.8s 5.46nm 4.9mb
epP 47 44.80 27km
PRU 88.93 329 eP 47 33.00 -0.5
Z 16s 0.60um 5.1MszX
N 18s 0.40um
E 18s 0.60um
e 48 19.00
ZST 88.94 326 eP 47 34.40 0.8
TUC 89.38 53 eP 47 38.65 2.5
MOX 89.77 330 eP 47 37.30 -0.2
Z 19s 0.50um 5.0Msz
KHC 89.98 328 eP 47 38.00 -0.6
1.0s 5.40nm 4.8mb
Z 14s 1.00um 5.4MszX
N 14s 0.50um
E 14s 0.30um
e 47 41.00
e 48 15.50
e 48 35.50
GEC2 90.12 328 P 47 37.70 -1.6
0.6s 1.10nm 4.3mb
e 47 51.00
VAY 90.46 318 eP 47 39.70 -1.2
GRF 90.64 330 eP 47 40.10 -1.5
Z 22s 0.40um 4.8MszX
e 48 36.80
SKO 90.71 319 eP 47 30.00 -12.0X
e 47 41.00
ALQ 90.89 49 eP 47 44.81 1.5
0.9s 6.74nm 5.0mb
EKA 91.48 340 P 47 43.00 -2.3
1.0s 8.80nm 5.1mb
JAQ 92.67 21 eP 47 48.00 -2.8
CDF 93.32 331 eP 47 52.20 -1.8
0.7s 4.50nm 5.0mb
BSF 93.97 331 eP 47 55.00 -2.1
0.9s 5.90nm 5.0mb
LOR 95.65 332 eP 48 02.70 -2.0
0.8s 3.10nm 4.8mb
Z 20s 0.57um 5.0Msz
LPL 95.78 329 eP 48 02.80 -2.8
0.7s 2.55nm 4.8mb
LPG 95.79 329 eP 48 03.00 -2.7
0.6s 3.00nm 4.9mb
SSF 95.96 332 eP 48 04.20 -1.9
0.9s 4.40nm 4.9mb
LTX 96.10 52 eP 48 07.97 0.8
LDF 96.14 335 eP 48 06.50 -0.4
SMF 96.15 332 eP 48 04.90 -2.1
0.7s 3.40nm 4.9mb
AVF 96.24 332 eP 48 05.50 -1.9
1.0s 6.60nm 5.1mb
BGF 96.64 332 eP 48 08.20 -1.0
0.6s 3.95nm 5.1mb
LPF 96.95 335 eP 48 10.60 0.1
TCF 97.11 332 eP 48 09.90 -1.5
LSF 97.42 333 eP 48 11.60 -1.1
RJF 98.20 332 eP 48 14.00 -2.2
Z 21s 0.50um 5.0Msz
CAF 98.27 332 eP 48 15.30 -1.3
SLR 120.42 255 ePKP 53 31.00 -0.4
0.5s 10.56nm
ARE 148.13 76 ePKP 54 27.00 4.2X
LPB 151.05 73 PKP 54 31.70 4.3X
PEL 152.49 109 ePKP 54 29.00 0.4
S.D. = 1.4 on 157 of 182 obs.

% JUN 13, 1994 17h 45m 11.24± 0.62s
26.893 S ± 6.2km 26.743 E ± 5.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.0 (PRE).

BFS 0.04 97 iPc 45 13.10 0.5
S 45 13.50
PRY 0.65 93 eP 45 23.60 -0.7
S 45 31.40
KSR 1.03 8 iPc 45 30.70 -0.7
S 45 43.50
SWZ 1.30 257 iPd 45 36.50 0.7
S 45 52.60
SEK 1.63 151 eP 45 41.40 0.6
S 46 01.50
SLR 1.80 50 iPd 45 44.00 0.7
S 46 06.00
BLF 2.26 192 eP 45 49.60 -0.4
S 46 16.50
NWL 2.97 107 eP 46 00.40 0.3
S 46 41.50
FRS 3.11 203 eP 46 01.00 -0.8
S 46 35.70
BFT 3.20 69 eP 46 14.00 10.7X
S 46 56.50
PKA 4.47 231 eP 46 36.70 15.4X
S 47 21.40
S.D. = 0.8 on 9 of 11 obs.

JUN 13, 1994 19h 26m 34.49± 0.47s
49.181 N ± 3.6km 6.963 E ± 5.2km
DEPTH = 5.0km (geophysicist)
GERMANY (543)
ML 2.9 (STR), 2.4 (UCC).

RUP 0.52 7 eP 26 45.20 0.2
LANF 0.59 110 Pg 26 46.24 0.0
HOFF 0.70 110 Pg 26 49.20 0.7
WLF 0.72 313 iPd 26 48.28 -0.5
iS 26 57.76
KTD 0.75 79 eP 26 49.60 0.2
CDF 0.80 165 Pg 26 49.52 -1.0
Sg 27 00.63
ABH 0.80 28 eP 26 50.10 -0.4
WLS 0.81 161 Pg 26 49.94 -0.8
Sg 27 01.12
ECH 0.97 172 Pg 26 52.98 -0.5
Sg 27 05.97
MOF 1.34 175 Pg 26 59.81 0.1
BSF 1.36 185 Pg 26 59.72 -0.4
FEL 1.48 152 eP 27 02.80 0.9
MEM 1.56 337 iPd 27 01.78 -1.1
id 27 04.09
iS 27 22.39
ENN 1.72 337 iPgc 27 07.00 1.7
0.5s 18.30nm
eSg 27 30.00
LOMF 1.83 183 Pg 27 08.85 1.9
MOX 3.35 62 (Pn) 27 37.40 8.9X
(Sg) 28 23.70
KHC 4.34 88 ePn 27 57.00 14.3X
e 28 32.00
eSg 28 53.50
GEC2 4.45 92 Pn 27 43.30 -0.9
0.3s 0.85nm
e 27 48.40
S.D. = 1.0 on 16 of 18 obs.

% JUN 13, 1994 20h 25m 34.97± 1.09s
38.702 S ± 7.9km 175.206 E ± 7.6km
DEPTH = 256.0 ± 9.5 km
NORTH ISLAND, NEW ZEALAND (159)

MOZ 0.37 302 Pc 26 08.10 -0.2
S 26 30.40
MGZ 0.40 139 P 26 08.20 -0.2
NGZ 0.57 147 P 26 08.90 -0.1
DRZ 0.64 154 P 26 09.40 0.0
NEZ 1.04 236 P 26 11.60 0.4
WAHZ 1.34 138 P 26 12.90 -0.1
TTH 1.51 124 P 26 14.80 0.6
MNG 1.93 174 Pc 26 17.70 0.1
S 26 45.40
KIW 2.17 186 Pc 26 19.70 -0.1
DIW 2.32 205 P 26 21.30 0.1
CAW 2.41 182 Pc 26 22.20 0.1
MTW 2.46 175 Pc 26 22.30 -0.3
MRW 2.56 189 Pc 26 23.60 0.1
eS 26 56.90
WEL 2.60 187 P 26 24.10 0.1
TCW 2.61 196 P 26 24.30 0.3
AMW 2.64 171 P 26 24.40 0.0
BLW 2.67 176 Pc 26 24.60 -0.1
HBZ 2.68 67 eP 26 24.70 -0.1
MOW 2.72 179 P 26 25.00 -0.2
THZ 3.53 209 eP 26 33.80 -0.3
S 27 17.30
KHZ 3.92 198 P 26 39.00 0.5
S 27 24.70
LTZ 4.65 208 P 26 47.10 -0.1
S 27 39.60
MQZ 5.36 200 P 26 55.00 -0.8
S 27 53.80
BWZ 7.06 213 P 27 16.80 -0.2
ODZ 7.19 207 P 27 19.50 0.8
eS 28 36.90
S.D. = 0.3 on 25 of 25 obs.

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* JUN 13, 1994 20h 55m 09.21± 0.79s
34.430 N ± 8.1km 138.866 E ± 7.6km
DEPTH = 33.0km (normal)
4.0mb (2 obs.)
NEAR S. COAST OF HONSHU, JAPAN (230)

IIDJ 1.31 323 iP+ 55 32.00 0.7
eS 55 51.10
CHJJ 1.62 4 P 55 35.00 -0.8
KAKJ 2.07 31 P 55 40.30 -2.0
eS 56 06.90
MAT 2.17 346 iPd 55 44.30 0.5
eS 56 15.00
MTMJ 2.32 338 eP 55 44.70 -1.2
TSRJ 2.61 296 P 55 50.20 0.2
WKYJ 2.72 266 P 55 51.70 0.2
eS 56 25.00
NIIJ 2.81 2 eP 55 53.00 0.3
YAMJ 3.85 14 eP 56 06.70 -0.9
TKSJ 4.02 265 P 56 10.30 0.3
eS 56 59.30
YONJ 4.51 281 P 56 17.00 0.0
OFUJ 5.16 25 eP 56 26.60 0.5
eS 57 23.50
SHNJ 6.43 269 eP 56 43.50 -0.5
KUMJ 6.98 257 P 56 51.50 -0.2
KAGJ 7.45 246 eP 56 57.80 -0.6

BJI 18.90 294 eP 59 34.50 5.1X
2.0s 32.00nm 4.2mb
WRA 54.24 185 P 04 32.50 -1.6
0.8s 0.90nm 3.9mb
NB2 75.77 337 P 06 55.20 2.1
7.0s 1.20nm 3.0mb X
LRM 77.46 43 eP 07 05.40 2.3
GEC2 83.80 327 P 07 39.40 2.9X
0.8s 0.50nm 3.7mb X
PV10 84.05 47 (P) 07 39.06 0.9
S.D. = 1.2 on 19 of 21 obs.

JUN 13, 1994 21h 04m 09.43± 0.22s
10.285 S ± 4.1km 113.491 E ± 3.9km
DEPTH = 23.5km (10 depth phases)
5.7mb (60 obs.) 5.6Msz (12 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 5.6 (HRV). Felt (III) at
Dampit and Malang.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 58C
Centroid Location:
Origin Time 21:04:14.8 0.5
Lat 10.04S 0.05 Lon 113.17E 0.06
Dep 20.0 FIX Half-duration 2.0
Moment Tensor; Scale 10**17 Nm
Mrr=-2.19 0.13 Mtt= 1.28 0.11
Mff= 0.91 0.19 Mrt= 2.11 0.30
Mrf=-1.72 0.24 Mtf= 0.15 0.12
Principal Axes:
T Val= 2.57 Plg=29 Azm= 30
N 1.18 5 123
P -3.75 60 222
Best Double Couple:Mo=3.2*10**17
NP1:Strike=106 Dip=16 Slip=-108
NP2: 305 75 -85
SRDI 1.91 20 P 04 44.40 3.4X
INGI 2.19 48 P 04 47.40 2.4
KELI 2.28 26 P 04 49.20 2.8
RANI 2.32 38 P 04 49.80 2.9
RATI 2.54 53 P 04 52.00 1.9
TRT 2.70 342 iPc 04 54.00 1.7
JEHI 2.77 38 P 04 56.40 3.1X
THRI 2.78 47 P 04 57.00 3.5X
KHKI 2.83 48 ePd 04 55.80 1.7
e(S) 05 20.00
KEDI 3.41 49 P 05 00.00 -2.4
0.2s 34.00nm
WSI 6.73 85 ePc 05 51.90 2.6
eS 07 02.00
LEM 6.75 300 iPc 05 51.30 1.5
eS 07 10.00
SINI 6.76 298 P 05 48.20 -1.6
PACI 7.47 299 P 05 58.20 -1.6
PULI 8.40 297 P 06 12.00 -0.9
NINI 8.52 47 P 06 14.50 0.0
PASI 8.59 294 P 06 13.60 -1.8
TANI 8.97 41 P 06 20.50 -0.1
BUNI 9.45 46 P 06 27.70 0.4
PENI 9.48 299 P 06 25.70 -1.9
NANU 12.36 171 iPd 06 59.30 -7.6X
MBL 12.41 151 eP 06 59.00 -8.6X
TSM 15.13 17 eP 07 50.00 6.6X
KNA 15.84 112 eP 07 51.00 -1.7
KGM 15.87 320 ePc 07 50.80 -2.3
e 13 51.00
KKM 16.45 10 eP 08 01.00 0.5
MEEK 16.97 164 eP 08 01.00 -6.0X
eS 10 51.00
MTN 17.47 100 eP 08 11.50 -1.8
0.4s 83.00nm 5.2mb
eS 11 12.00
SLKI 17.73 84 ePd 08 14.30 -2.2
MRWA 18.98 173 iPd 08 26.30 -5.6X
0.4s 83.00nm 5.3mb
eS 11 40.00
IPM 19.29 319 ePc 08 35.80 0.1
0.9s 141.00nm 5.2mb
e 14 30.90
TLE 19.62 78 ePc 08 36.00 -3.4X
BAL 20.44 172 eP 08 45.10 -2.8
0.5s 106.00nm 5.5mb
eS 12 19.00
PPR 20.60 15 ePd 08 50.00 0.3
DAV 21.04 35 ePc 08 53.00 -1.2
e(S) 12 35.40
KLB 21.57 170 eP 08 57.30 -2.1
0.5s 77.00nm 5.4mb
i 09 01.70 16km
eS 12 43.00
SNG 21.57 323 iPc 09 00.10 0.6
1.0s 100.00nm 5.2mb
eS 12 59.60
COOL 21.70 162 eP 08 58.00 -2.8
0.5s 121.00nm 5.6mb
e 09 03.00 18km
eS 12 42.00
MUN 21.73 174 eP 08 59.00 -2.1
0.8s 311.00nm 5.8mb
e 09 04.00 18km
eS 12 46.00
WOOL 22.07 161 iPc 09 01.50 -2.9
iS 12 55.10
WB2 22.29 118 iPc 09 04.90 -1.8
0.7s 77.90nm 5.3mb
iS 13 08.50
BIP 22.35 35 eP 09 08.50 1.2
MAP 22.98 27 ePc 09 12.00 -1.5
ASPA 23.58 127 iPd 09 18.80 -0.6
0.7s 222.90nm 5.8mb
Z 21s 7.30um 5.1Msz
iS 13 35.00
PLP 24.18 29 ePc 09 25.20 0.0
TGY 25.33 17 ePc 09 37.00 0.7
NNT 26.52 329 iPc 09 48.90 1.7
BAG 27.44 15 eP+ 09 54.00 -1.8
eS 14 40.50
NST 28.98 333 iPc 10 10.30 0.7
LOE 29.87 337 iPc 10 17.00 -0.6
BDT 30.88 332 eP 10 27.00 0.6
1.0s 289.80nm 6.1mb
CHTO 32.28 334 iPc 10 39.00 0.2
1.2s 166.67nm 5.8mb
e 16 34.50
HKC 32.39 1 eP 10 40.00 0.3
S 15 53.00
CTA 33.03 111 iPc 10 46.00 0.6
0.9s 16.81nm 5.0mb
i 16 41.00
e(ScS)18 40.00
STKA 33.72 134 iPc 10 50.50 -0.7
0.8s 100.20nm 5.8mb
KMI 36.72 344 iP+ 11 19.00 1.9
1.2s 310.00nm 6.0mb
Z 14s 14.20um 5.9MszX
N 13s 10.10um
E 13s 11.00um
pP 11 25.00 20km
sP 11 27.00
PP 12 45.00
PPP 12 50.00
PcP 13 37.00
S 16 59.00
sS 17 15.00
ScP 17 27.00
i 19 50.00
ScS 21 34.00
PJG 39.14 53 eP 11 35.70 -1.6
GUMO 39.14 53 eP 11 35.10 -2.2
0.7s 289.50nm 6.1mb
e 11 42.70 26km
GUA 39.15 53 eP 11 35.90 -1.4
0.7s 257.53nm 6.1mb
TOO 39.57 139 iPc 11 42.90 2.3
1.3s 157.00nm 5.6mb
BWA 39.93 132 eP 11 44.40 0.7
i 13 19.90 530kmX
ARMA 40.71 125 eP 11 51.80 1.6
0.9s 26.00nm 5.0mb
CAN 40.78 133 eP 11 49.90 -0.7
i 12 16.00 114kmX
i 13 34.30
CNB 41.04 133 eP 11 54.50 1.7
1.3s 55.00nm 5.1mb
RIV 41.69 130 eP 12 00.20 2.2
eS 18 25.00
SSE 41.80 10 iPc 12 00.00 1.1
1.5s 235.00nm 5.7mb
Z 22s 15.80um 5.8Msz
N 16s 5.90um
E 16s 6.20um
pP 12 06.50 22km
sP 12 10.00
S 18 13.00
sS 18 25.00
GBA 42.93 303 P 12 07.80 -0.6
0.7s 8.00nm 4.6mb X
HYB 44.15 308 ePd 12 18.30 -0.1
1.0s 70.00nm 5.5mb
eS 18 48.00
KAGJ 44.48 21 P 12 19.70 -1.1
ODAN 44.78 326 P 12 23.10 -0.5
0.9s 425.00nm 6.3mb
TAPN 44.99 327 P 12 25.72 0.4
0.9s 403.00nm 6.4mb
RAMN 45.29 325 P 12 27.76 0.1
0.9s 206.00nm 6.1mb
KUMJ 45.69 21 P 12 27.50 -2.9
JIRN 46.07 326 P 12 33.58 -0.3
0.8s 419.00nm 6.4mb
GUN 46.44 326 P 12 36.36 -0.4
0.8s 421.00nm 6.5mb
PKI 46.44 325 P 12 35.74 -1.1
0.9s 194.00nm 6.1mb
DMN 46.64 325 P 12 37.64 -0.7
0.9s 456.00nm 6.5mb
KKN 46.68 325 P 12 38.24 -0.3
0.9s 270.00nm 6.3mb
LZH 47.01 349 Pc 12 41.50 0.5
2.0s 332.00nm 6.0mb
Z 15s 9.96um 5.9MszX
N 14s 7.64um
pP 12 48.00 22km
sP 12 51.00
PP 14 32.00
S 19 30.00
sS 19 40.00
SS 22 37.00
GKN 47.21 324 P 12 41.90 -0.8
SHNJ 47.23 20 P 12 41.00 -1.5
KOLN 47.64 323 P 12 45.28 -0.8
0.7s 335.00nm 6.5mb
DANN 47.98 324 P 12 47.98 -0.9
0.8s 417.00nm 6.5mb
TKSJ 48.16 23 eP 12 46.70 -3.2X
PYUN 48.24 323 P 12 49.84 -1.0
0.9s 364.00nm 6.4mb
POO 48.47 306 (P) 12 53.50 1.0
iS 18 48.00
WKYJ 48.98 24 P 12 55.20 -1.1
YONJ 49.02 22 P 12 55.20 -1.2
BJI 50.13 3 eP 13 03.50 -1.3
1.8s 52.00nm 5.2mb
Z 22s 4.98um 5.5Msz
N 19s 3.66um
epP 13 13.00 32km
eS 20 12.00
eSS 23 42.00
TSRJ 50.29 24 eP 13 03.70 -2.5
MTMJ 51.93 25 P 13 17.00 -1.8
DZM 51.96 110 iPc 13 20.20 1.0
CHJJ 51.98 26 eP 13 16.10 -2.9
MAT 52.06 25 iPc 13 16.50 -3.2X
1.5s 111.11nm 5.6mb
Z 20s 7.09um 5.7Msz
eS 20 20.00
NDI 52.23 319 iP 13 18.50 -2.6
0.9s 294.12nm 6.2mb
YAMJ 54.22 26 eP 13 33.90 -1.6
OFUJ 55.68 26 eP 13 46.30 0.1
VLA 55.74 16 iPd 13 46.00 -0.5
1.8s 172.00nm 5.8mb
Z 15s 1.00um 5.0MszX
E 25s 4.50um
i 14 40.00 243kmX
e 15 49.00
iS 21 30.00
iPS 21 42.00
e 23 25.00
iSS 25 12.00
iSSS 27 27.00
CSY 55.97 181 iPc 13 54.80 7.0X
0.9s 17.70nm 5.1mb
ASAJ 60.27 24 eP 14 16.20 -2.1
KUSJ 60.28 26 eP 14 21.10 2.7
ZAK 61.07 353 iPc 14 22.40 -1.2
1.8s 68.00nm 5.5mb
Z 15s 0.98um 5.1MszX
N 15s 7.68um

13d 21h

eS 22 40.00
CIT 62.03 0 eP 14 30.00 -0.2
YSS 62.72 22 ePc+ 14 32.70 -2.1
1.2s 90.00nm 5.8mb
Z 20s 4.20um 5.6Msz
N 20s 4.10um
esP 14 43.00
(S) 22 54.00
e 23 29.00
eSS 27 02.00
IRK 62.80 354 eP 14 32.00 -3.3X
Z 15s 3.68um 5.7MszX
N 16s 2.10um
E 16s 2.28um
e 14 42.00 32km
e 16 56.00
eS 23 02.00
AAA 62.85 331 eP 14 35.50 -0.3
e 16 54.00 750kmX
iS 23 03.00
CRZF 63.16 223 eP 14 39.00 1.3
eS 28 36.00
FRU 63.68 329 eP 14 41.00 -0.2
2.5s 250.00nm 5.9mb
MAW 66.23 199 eP 14 57.00 -0.3
BOD 67.90 0 eP 15 08.60 0.7
MAIO 68.73 315 iPc 15 13.20 -0.5
ASH 70.36 316 eP 15 23.50 0.0
e 15 33.00 30km
e 15 44.00
e 24 35.00
e 25 27.00
e 29 08.00
KAT 72.40 317 eP 15 38.00 2.2
eS 24 48.00
BRVK 73.05 334 iPd 15 38.00 -1.3
2.0s 114.00nm 5.6mb
Z 20s 2.46um 5.5Msz
YAK 73.18 8 iPc+ 15 38.50 -1.4
1.4s 122.00nm 5.7mb
e 16 03.00 94kmX
PET 73.86 26 eP 15 50.00 6.0X
eS 25 16.00
eSS 30 00.00
NAI 76.67 271 eP 16 03.00 1.8
Z 24s 2.60um 5.5MszX
S 25 50.00
SS 30 48.00
KER 76.91 309 eP 16 00.00 -2.0
BAK 77.30 315 iPd 16 13.00 9.2X
iS 26 12.00
TAB 78.90 312 eP 16 13.00 0.1
SVE 79.71 334 iPd 16 16.70 0.1
1.8s 200.00nm 5.8mb
Z 20s 4.50um 5.8Msz
N 20s 2.00um
E 20s 1.50um
eS 26 15.00
BFT 79.76 246 eP 16 27.00 9.1X
1.0s 40.00nm 5.4mb
SPA 79.78 180 eP 16 15.00 -2.1
0.9s 6.82nm 4.7mb
MAK 80.08 317 eP 16 20.00 1.1
Z 15s 1.80um 5.5MszX
N 15s 1.10um
E 15s 1.50um
ePPP 21 10.00
iS 26 20.00
SLR 81.33 245 iPd 16 26.50 0.4
1.0s 90.00nm 5.8mb
GRO 81.38 317 iPc 16 28.00 2.2
eS 26 37.00
GRM 81.88 238 eP 16 31.00 2.3
1.0s 44.00nm 5.4mb
KSR 82.55 245 iPd 16 33.50 1.0
1.0s 100.00nm 5.9mb
BLF 82.74 242 eP 16 34.20 0.8
HVD 83.13 240 eP 16 29.60 -5.8X
1.5s 20.00nm 5.0mb
PYA 83.40 317 eP 16 36.50 0.2
Z 18s 1.00um 5.2Msz
i 16 53.00 58kmX
eS 26 56.00
BOSA 83.48 242 eP 16 38.00 1.0
BHL 85.76 305 P 16 48.00 -0.4
SKS 27 22.00
ADK 85.92 36 eP 16 46.16 -2.5

1.2s 40.72nm 5.5mb
ANN 87.58 316 eP 16 47.00 -9.9X
Z 20s 2.00um 5.5Msz
N 20s 1.50um
E 20s 2.00um
e 17 04.00 60kmX
e 27 24.00
e 27 35.00
eSP 29 02.00
LFK 87.80 306 eP 16 58.80 0.5
CER 87.89 237 eP 16 40.00 -18.8X
1.0s 80.00nm
SNA 88.76 198 e(P) 17 01.60 -0.6
0.6s 15.00nm 5.5mb
SIM 89.77 316 eP 17 08.00 0.6
Z 24s 1.70um 5.4MszX
eS 27 58.00
MOS 90.59 327 eP 17 12.00 1.1
Z 21s 7.00um 6.1Msz
e 20 50.00
e 27 54.00
OBN 90.97 326 ePc 17 12.00 -0.6
1.4s 71.00nm 5.8mb
Z 24s 3.00um 5.6MszX
N 28s 2.00um
E 22s 1.00um
e 27 40.00
iS 28 04.00
ePS 29 24.00
iSS 34 08.00
ILT 91.35 21 iPc 17 14.50 0.4
1.4s 25.00nm 5.4mb
Z 20s 2.70um 5.7Msz
N 22s 3.50um
E 22s 2.40um
i 17 27.60 43kmX
i 27 48.00
iS 28 00.00
WIN 91.92 247 eP 17 20.00 2.0
1.0s 60.00nm 6.0mb
KIS 93.80 317 iP 17 28.00 2.2
Z 20s 3.80um 5.9Msz
E 20s 2.80um
e 21 08.00
e 27 58.00
LVZ 95.28 338 (P) 17 38.80 6.4X
e 21 31.70
e 23 35.50
(S) 28 01.30
PUL 95.38 330 (P) 17 42.00 9.2X
BCAO 95.65 273 iPc 17 36.10 1.0
0.8s 21.00nm 5.6mb
MNK 95.83 324 eP 17 38.00 3.0X
VAY 97.39 311 eP 17 41.80 -0.5
KAF 97.69 332 iP 17 43.60 0.4
0.4s 2.80nm 5.2mb
NUR 98.30 330 iP 17 46.40 0.4
TTA 99.30 28 eP 17 49.99 -0.7
1.3s 6.82nm 5.0mb
IMA 100.47 24 ePdiff17 56.65 0.7
1.0s 4.49nm 5.0mb
SLKM 101.98 30 (Pdiff18 01.08 -1.6
MOX 105.41 320 e(PKP)22 38.70 6.7X
LPL 109.01 315 ePKP 22 30.70 -8.5X
LOR 110.80 317 ePKP 22 43.20 0.9
SSF 111.06 316 ePKP 22 44.00 1.3
0.8s 4.05nm
BGF 111.58 316 ePKP 22 45.20 1.5
0.8s 5.65nm
LFF 113.28 315 ePKP 22 52.60 5.6X
LPF 113.94 318 ePKP 22 49.30 1.1
KIC 118.83 272 PKP 22 58.90 0.3
0.9s 8.50nm
LIC 119.09 271 PKP 22 59.48 0.4
0.8s 7.00nm
TIC 119.15 272 PKP 22 59.66 0.5
1.1s 11.00nm
LKO 120.07 275 PKP 23 01.21 0.3
0.9s 12.00nm
ORV 123.30 49 (PKP) 23 07.12 0.8
ARN 123.83 52 ePKP 23 09.57 2.0
CMB 124.54 51 ePKP 23 09.52 0.6
LRM 127.26 39 ePKP 23 16.10 1.9
GSC 128.05 53 ePKP 23 17.60 1.8
PEC 128.13 55 (PKP) 23 16.76 0.8
PTI 128.62 42 (PKP) 23 19.17 2.4
DUG 129.41 46 ePKP 23 20.14 1.8

MSU 130.51 48 ePKP 23 21.12 0.5
RSSD 133.25 37 ePKP 23 23.41 -2.2
ULM 133.36 26 ePKP 23 30.00 4.7X
GOL 134.75 43 ePKP 23 29.97 1.3
JAQ 135.98 8 ePKP 23 19.00 -11.1X
ALQ 136.13 50 ePKP 23 25.44 -5.9X
LTX 140.47 56 ePKP 23 32.78 -6.6X
WMOK 141.81 45 ePKP 23 36.38 -5.1X
GAC 143.88 11 ePKP 23 43.50 -1.1
LMN 144.53 358 ePKP 23 45.00 -0.7
0.9s 9.00nm
ACTO 144.77 17 PKP 23 45.89 -0.3
WLVO 144.94 15 PKP 23 46.30 -0.2
FVM 145.04 34 ePKP 23 46.34 -0.5
RSNY 145.17 10 ePKP 23 46.90 0.0
TYNO 145.30 17 PKP 23 47.52 0.4
STCO 145.40 16 PKP 23 47.93 0.7
MIAR 145.44 41 ePKP 23 48.24 0.6
LBNH 145.85 7 ePKP 23 48.69 0.6
ITR 146.24 237 ePKP 23 50.90 1.3
i 23 51.50
i 23 57.70
BINY 147.14 13 ePKP 23 53.20 3.0X
HRV 147.60 7 ePKP 23 51.38 0.5
PPM 147.78 71 (PKP) 23 57.50 5.0X
LSCT 148.18 10 ePKP 23 55.64 3.8X
BAO 148.38 216 ePKP 23 54.20 1.1
GPD 148.59 12 ePKP 23 56.07 3.5X
MOCB 148.65 182 PKP 23 55.90 2.1
GMTN 148.78 11 iPKP 23 59.10 6.3X
NAV 150.16 23 (PKP) 23 55.16 0.0
CVL 150.40 19 (PKP) 23 56.07 0.7
CEH 152.06 22 ePKP 24 00.06 2.1
ePKPbc24 05.66
CCH 152.51 181 PKP 24 09.50 10.0X
JSC 152.56 27 ePKP 24 00.38 1.7
LPB 153.31 177 PKP 24 11.20 10.5X
BOG 170.63 126 ePKP 24 22.00 4.2X
CAR 179.53 62 iPKP 24 20.00 0.2
S.D. = 1.4 on 170 of 208 obs.

JUN 13, 1994 21h 07m 47.83± 1.17s
59.109 N ±10.4km 145.649 W ± 4.7km
DEPTH = 10.0km (geophysicist)
GULF OF ALASKA (15)
ML 3.0 (PMR), 2.7 (AEIC).

MID 0.48 312 eP 07 59.70 2.2
MTU 1.35 312 eP 08 12.99 0.3
HIN 1.36 342 iP 08 12.79 -0.1
eS 08 30.26
CVA 1.44 358 iP 08 13.88 -0.1
eS 08 32.20
LTI 1.46 311 eP 08 13.90 -0.3
eS 08 29.13
FID 1.70 346 eP 08 17.45 -0.2
VZW 2.01 347 eP 08 21.74 -0.5
VLZ 2.06 351 eP 08 22.64 -0.2
SEW 2.17 299 eP 08 23.89 -0.6
KLU 2.40 357 iP 08 27.31 -0.5
CHX 2.50 66 eP 08 30.80 1.6
GLB 2.51 21 eP 08 29.14 -0.3
BALM 2.55 39 eP 08 29.66 -0.3
KNK 2.70 330 eP 08 32.59 0.5
SLKM 2.70 303 eP 08 31.64 -0.5
SCM 2.86 344 eP 08 33.97 -0.4
CNPM 2.89 281 eP 08 35.30 0.5
PMS 2.90 319 eP 08 33.80 -1.1
SML 3.02 335 eP 08 36.36 -0.2
TOA 3.02 355 eP 08 36.40 -0.2
PMR 3.03 327 eP 08 37.00 0.3
GHO 3.13 330 eP 08 39.79 1.7
PWA 3.30 322 eP 08 41.60 1.0
SPU 3.82 306 eP 08 47.60 -0.4
RED 3.83 293 eP 08 47.58 -0.7
DFR 3.85 296 eP 08 47.97 -0.5
BKG 3.85 304 eP 08 47.90 -0.6
CUT 4.01 328 eP 08 51.79 1.2
BCA3 4.39 24 eP 08 55.28 -0.8
IL1 5.71 355 eP 09 12.02 -2.7X
IM3 7.84 335 eP 09 43.53 -1.1
IMA 7.90 336 (P) 09 41.25 -4.3X
S.D. = 0.8 on 30 of 32 obs.

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* JUN 13, 1994 21h 10m 06.16± 0.25s
10.233 S ± 5.1km 113.569 E ± 5.6km
DEPTH = 33.0km (normal)

5.4mb (39 obs.) 5.8Msz (5 obs.)
SOUTH OF JAWA, INDONESIA (282)
TRT 2.68 340 iP 10 47.30 -0.6
iS 11 30.00
KHKI 2.74 47 eP 10 51.20 2.5
eS 11 13.00
WSI 6.65 86 ePc 11 46.00 1.9
eS 12 56.70
LEM 6.79 299 iPd 11 48.50 2.3
iS 12 04.00
NANU 12.40 172 eP 12 54.00 -9.3X
MBL 12.42 152 eP 12 53.00 -10.6X
iS 15 01.50
AAI 15.90 67 eP 13 53.00 3.8X
KKM 16.38 9 ePd 13 59.00 3.5X
MEEK 17.00 164 eP 13 57.00 -6.1X
eS 16 48.00
MTN 17.40 100 eP 14 06.00 -2.2
eS 17 05.00
MRWA 19.02 173 eP 14 21.00 -7.1X
0.4s 56.00nm 5.1mb
eS 17 33.00
BAL 20.48 172 eP 14 41.00 -2.9
0.4s 41.00nm 5.1mb
eS 18 11.00
PPR 20.53 15 ePd 14 46.50 2.0
COOL 21.72 162 eP 14 57.00 0.4
0.4s 47.00nm 5.3mb
e 15 01.00
eS 18 37.00
MUN 21.78 174 eP 14 57.00 -0.1
0.7s 88.00nm 5.3mb
e 15 02.00
eS 18 44.00
WOOL 22.09 161 eP 15 04.30 4.1X
eS 18 47.40
WB2 22.24 118 eP 15 00.60 -1.3
0.7s 82.80nm 5.3mb
eS 18 58.10
BIP 22.26 35 eP 15 08.00 6.0X
ASPA 23.55 127 eP 15 13.30 -1.4
1.0s 283.00nm 5.7mb
eS 19 29.50
PLP 24.10 28 ePd 15 20.70 0.8
PGP 24.69 17 eP 15 29.00 3.3X
NNT 26.51 328 iPd 15 45.00 2.3
NST 28.97 332 eP 16 05.00 0.0
BDT 30.87 332 eP 16 22.00 0.2
1.0s 117.30nm 5.6mb
MDG 32.29 84 e(P) 16 39.80 5.4X
YYYY 32.30 86 eP 16 39.00 4.3X
LAT 33.25 87 eP 16 23.70 -19.1X
GUMO 39.05 53 eP 17 30.90 -1.0
0.9s 289.30nm 6.0mb
e 17 39.20
PJG 39.05 53 eP 17 30.70 -1.3
GUA 39.06 53 eP 17 31.40 -0.6
TOO 39.56 139 eP 17 36.70 0.7
1.0s 69.00nm 5.4mb
BWA 39.91 133 eP 17 40.60 1.6
e 19 13.70
e 21 03.30
i 21 09.40
ARMA 40.68 125 eP 17 45.70 0.3
1.0s 37.00nm 5.1mb
CAN 40.76 133 eP 17 45.70 -0.2
e 19 19.90
i 21 11.10
i 21 17.30
CNB 41.02 133 eP 17 48.90 0.8
1.2s 57.00nm 5.2mb
RIV 41.66 130 eP 17 54.70 1.4
SSE 41.74 10 Pc 17 54.70 0.9
1.2s 100.00nm 5.4mb
Z 20s 6.00um 5.5Msz
N 16s 2.70um
E 16s 2.90um
i 18 06.10
i 18 10.00
sS 24 12.00
GBA 42.97 303 P 18 03.30 -0.9
0.6s 6.00nm 4.5mb
HYB 44.18 308 eP 18 14.00 0.0
1.0s 50.00nm 5.3mb
ODAN 44.78 326 P 18 18.68 -0.3
TAPN 44.99 327 P 18 21.12 0.3
0.7s 84.00nm 5.8mb
RAMN 45.29 325 P 18 23.91 0.8
0.5s 37.00nm 5.5mb
JIRN 46.07 326 P 18 29.40 0.0
0.6s 122.00nm 6.1mb
GUN 46.44 325 P 18 32.32 0.1
0.5s 156.00nm 6.2mb
PKI 46.44 325 P 18 31.63 -0.6
DMN 46.64 324 P 18 33.27 -0.5
0.7s 194.00nm 6.2mb
KKN 46.68 325 P 18 33.65 -0.4
0.9s 104.00nm 5.8mb
LZH 46.97 349 Pd 18 37.20 1.1
2.0s 159.00nm 5.7mb
Z 17s 7.62um 5.7MszX
E 14s 5.00um
pP 18 46.00 29kmX
sP 18 50.00
PP 20 27.00
S 25 25.00
sS 25 40.00
SS 28 40.00
GKN 47.21 324 P 18 36.96 -1.2
KOLN 47.64 323 P 18 40.49 -1.1
0.7s 144.00nm 6.1mb
DANN 47.98 324 P 18 43.55 -0.8
0.7s 185.00nm 6.2mb
TKSJ 48.09 23 P 18 44.00 -0.7
WKYJ 48.90 24 P 18 50.40 -0.7
YONJ 48.94 22 P 18 50.30 -1.0
BJI 50.07 3 eP 18 59.50 -0.3
1.6s 20.00nm 4.9mb
Z 20s 9.36um 5.8Msz
N 16s 3.90um
eS 26 12.00
MAT 51.98 25 eP 19 11.00 -3.5X
1.6s 106.67nm 5.6mb
NDI 52.25 319 eP 19 14.00 -2.6
BKM 53.43 104 iPd 19 38.30 12.8X
OFUJ 55.60 26 eP 19 39.40 -1.6
VLA 55.67 16 iPc 19 40.00 -1.4
1.8s 120.00nm 5.6mb
i 19 50.00
e 20 33.00
ASAJ 60.19 24 eP 20 12.50 -0.7
KUSJ 60.20 26 eP 20 11.50 -1.8
ZAK 61.02 352 eP 20 17.50 -1.2
1.4s 34.00nm 5.3mb
Z 12s 0.78um 5.1MszX
N 14s 6.65um
eS 28 35.00
CIT 61.98 0 eP 20 25.00 -0.2
YSS 62.65 22 eP+ 20 27.30 -2.4
1.0s 30.00nm 5.4mb
e 20 37.00
IRK 62.76 354 eP 20 30.00 -0.4
e 20 35.10
e 21 08.00
MAW 66.30 199 eP 20 52.00 -1.1
BOD 67.84 0 eP 21 02.20 -0.8
MAIO 68.75 315 eP 21 09.00 -0.2
ASH 70.38 316 eP 21 18.50 -0.5
BRVK 73.04 334 eP 21 34.00 -0.6
1.2s 24.00nm 5.1mb
YAK 73.12 8 iPc 21 33.70 -1.2
1.6s 271.00nm 6.0mb
TAB 78.92 312 eP 22 04.00 -4.4X
e 22 09.00
i 22 17.00
SVE 79.69 334 ePc 22 13.80 1.9
2.1s 100.00nm 5.4mb
Z 20s 8.50um 6.1Msz
N 20s 1.50um
E 20s 6.00um
eS 32 14.00
eSS 37 28.00
SPA 79.83 180 iPc 22 11.70 -1.0
0.8s 2.92nm 4.3mb X
BFT 79.85 246 eP 22 22.00 8.3X
0.5s 8.00nm 5.0mb
MTA 81.38 315 eP 22 21.00 -0.1
N 19s 0.50um
E 19s 0.50um
SLR 81.42 245 eP 22 21.00 -0.9
1.0s 40.00nm 5.4mb
KSR 82.64 245 eP 22 29.00 0.7
1.0s 40.00nm 5.4mb
HVD 83.23 240 eP 22 23.50 -7.8X
PYA 83.42 317 eP 22 32.00 0.3
Z 16s 1.50um 5.5MszX
eS 32 52.00
BOSA 83.57 242 eP 22 32.00 -0.8
ADK 85.83 36 eP 22 43.13 -0.4
1.0s 28.91nm 5.5mb
SIM 89.79 316 eP 23 12.00 9.2X
Z 20s 2.00um 5.5Msz
eS 33 56.00
ILT 91.27 21 iPd 23 10.00 0.9
1.3s 22.00nm 5.4mb
Z 16s 2.30um 5.7MszX
N 16s 1.50um
E 18s 2.20um
BCAO 95.72 273 ePd 23 32.00 1.2
0.6s 8.00nm 5.3mb
KAF 97.68 332 iP 23 41.20 2.7X
1.0s 13.70nm 5.4mb
IMA 100.39 24 ePdiff23 51.70 0.7
1.3s 10.60nm 5.2mb
MBC 108.26 12 ePKP 28 25.50 -6.4X
0.7s 6.00nm
BSF 108.77 317 ePKP 28 33.90 0.1
LPG 109.01 315 ePKP 28 37.00 2.4
HAU 109.05 317 ePKP 28 34.70 0.5
LOR 110.81 317 ePKP 28 37.00 -0.6
SSF 111.08 317 ePKP 28 37.70 -0.4
0.9s 4.10nm
AVF 111.22 316 ePKP 28 37.60 -0.7
BGF 111.60 316 ePKP 28 38.80 -0.3
0.8s 6.05nm
RES 113.58 8 ePKP 28 54.50 12.5X
1.0s 2.00nm
YKA 117.46 23 ePKP 28 32.30 -17.5X
0.9s 8.20nm
Z 21s 3.37um 5.9Msz
LR 08 52.00
LKO 120.14 275 PKP 28 54.97 -1.4
0.7s 6.50nm
PTI 128.53 42 (PKP) 29 14.86 3.0X
DUG 129.32 46 (PKP) 29 14.69 1.3
ULM 133.28 26 ePKP 29 24.00 3.6X
GOL 134.66 43 ePKP 29 25.94 2.2
JAQ 135.91 8 ePKP 29 35.50 10.2X
ALQ 136.04 50 ePKP 29 26.96 0.5
WMOK 141.71 45 ePKP 29 31.74 -4.9X
GAC 143.81 11 ePKP 29 38.50 -1.3
LMN 144.48 358 ePKP 29 40.50 -0.4
0.9s 10.00nm
TYS 144.49 34 ePKP 29 40.05 -1.1
MIAR 145.35 41 ePKP 29 43.55 0.8
LBNH 145.79 7 ePKPd 29 44.90 1.7
ITR 146.34 237 ePKP 29 46.60 1.6
BINY 147.07 13 ePKP 29 46.71 1.3
HRV 147.54 7 ePKP 29 47.14 1.1
LSCT 148.11 10 ePKP 29 50.83 3.8X
BAO 148.47 216 ePKP 29 52.00 3.5X
MOCB 148.70 181 PKP 29 51.40 2.2
GMTN 148.71 11 iPKP 29 54.70 6.7X
OXX 149.82 74 iPKP 29 59.90 9.3X
CEH 151.99 22 ePKP 29 58.66 5.6X
PRM 152.13 29 (PKP) 29 55.08 1.7
JSC 152.48 27 ePKP 29 55.50 1.7
LHS 152.52 26 ePKP 29 55.28 1.4
LPB 153.36 176 PKP 30 06.20 10.1X
SGS 153.73 27 ePKP 29 58.65 3.0X
S.D. = 1.2 on 92 of 125 obs.

JUN 13, 1994 21h 15m 02.65± 0.13s
5.472 S ± 3.8km 151.841 E ± 3.8km
DEPTH = 17.5km (geophysicist)
5.8mb (47 obs.) 6.0Msz (50 obs.)
NEW BRITAIN REGION, P.N.G. (192)
Mw 6.0 (GS), 6.2 (HRV). Ms 6.0
(BRK). Mo=1.0*10**18 Nm (PPT).
Depth from broadband
displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 85 Dip=75 Slip= 90
NP2: 265 15 90
Principal Axes:
T Plg=60 Azm=355
P 30 175
Comment: The focal mechanism is
poorly controlled and
corresponds to reverse

13d 21h

faulting. The preferred fault
plane is NP2.
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 1.6±0.4*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 25 No. of sta: 23
Moment Tensor; Scale 10**18 Nm
Mrr= 1.01 Mtt=-1.11
Mff= 0.11 Mrt= 0.64
Mrf= 0.39 Mtf= 0.08
Principal axes:
T Val= 1.32 Plg=66 Azm=309
N -0.02 17 84
P -1.29 16 179
Best Double Couple:Mo=1.3*10**18
NP1:Strike=292 Dip=33 Slip= 123
NP2: 74 63 71
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 52S,114C
Centroid Location:
Origin Time 21:15:12.4 0.2
Lat 5.59S 0.02 Lon 152.14E 0.02
Dep 15.0 FIX Half-duration 2.9
Moment Tensor; Scale 10**18 Nm
Mrr= 1.06 0.02 Mtt=-0.92 0.03
Mff=-0.13 0.03 Mrt= 1.88 0.09
Mrf= 0.32 0.07 Mtf=-0.49 0.02
Principal Axes:
T Val= 2.19 Plg=59 Azm=359
N 0.03 8 256
P -2.22 30 162
Best Double Couple:Mo=2.2*10**18
NP1:Strike=230 Dip=17 Slip= 63
NP2: 78 75 98

RAB 1.31 14 iPd 15 31.00 4.9X
KVG 3.04 340 ePd 15 57.50 6.6X
PMG 6.07 230 ePd 16 35.40 1.7
eS 17 47.00
WWKK 8.39 282 eP 17 13.90 7.4X
HNR 8.95 117 ePd 17 13.10 -1.0
eS 19 14.00
CTAO 15.51 200 eP 18 41.44 -0.8
GUA 20.10 340 eP 19 40.10 1.6
1.0s 936.00nm 6.1mb
GUMO 20.16 340 eP 19 39.40 0.3
1.1s 1249.90nm 6.2mb
e 19 40.80
e 19 51.40
eS 23 37.20
NOUC 21.66 141 iPc 19 53.90 -0.5
MTN 21.71 249 eP 19 56.00 1.1
0.3s 260.00nm 6.1mb
DZM 21.72 141 iPc 19 54.90 -0.2
WB2 22.28 228 eP 20 01.70 1.1
0.5s 171.00nm 5.8mb
ipP 20 09.00 26kmX
iS 24 03.90
AAI 23.64 273 eP 20 15.00 1.1
ARMA 24.82 180 iPc 20 26.20 0.8
1.5s 609.00nm 6.0mb
KNA 24.84 244 eP 20 26.60 1.0
0.5s 401.00nm 6.3mb
i 20 30.30
ASPA 25.01 222 eP 20 28.20 0.9
0.9s 396.20nm 6.1mb
iS 24 55.70
iScS 31 29.10
RIV 28.22 181 eP 20 56.80 0.2
Z 18s 0.21um 3.8MszX
BIP 28.92 298 ePd 21 02.50 -0.7
CNB 29.78 184 eP 21 10.00 -0.8
1.3s 117.00nm 5.5mb
PLP 31.43 302 ePc 21 25.50 0.1
TOO 32.47 189 eP 21 34.00 -0.3
1.1s 66.00nm 5.5mb
GQP 34.95 304 eP 21 56.00 0.0
TSM 35.29 285 eP 22 01.00 2.1
PGP 36.00 302 eP 22 05.50 0.5
PPR 36.30 295 ePc 22 09.00 1.5
TGY 36.31 303 ePc 22 09.00 1.4
KKM 37.36 287 ePd 22 16.50 0.0
CVP 37.53 308 ePd 22 18.00 0.2
BAG 37.80 306 eP 22 20.90 0.6
1.3s 538.46nm 6.2mb

WOOL 38.08 224 iPc 22 22.30 0.1
NGZ 39.84 151 P 22 37.50 0.5
MNG 40.92 152 eP 22 44.90 -0.8
MSZ 41.51 163 eP 22 50.10 -0.3
KHZ 41.53 156 P 22 49.20 -1.4
BWZ 41.99 161 P 22 53.30 -1.2
WKYJ 42.36 340 P 23 01.20 3.6X
TKSJ 42.70 338 P 23 00.80 0.5
KUMJ 42.75 334 eP 23 05.80 5.0X
TSRJ 43.43 341 eP 23 10.00 3.8X
MAT 43.70 344 eP 23 05.00 -3.5X
0.9s 9.24nm 4.6mb X
MTMJ 43.85 344 eP 23 07.70 -2.1
YONJ 43.99 338 P 23 11.40 0.6
NIIJ 44.15 345 eP 23 10.60 -1.4
YAMJ 44.79 347 eP 23 17.20 0.0
OFUJ 45.32 349 eP 23 26.20 4.8X
HKC 46.05 308 iP 23 30.70 3.2X
SSE 46.69 323 ePc 23 32.76 0.4
epPd 23 38.06 18kmX
e 23 42.20
KGM 49.03 277 ePc 23 51.00 0.0
ASAJ 50.05 351 eP 24 01.40 3.1X
IPM 51.72 280 eP 24 12.00 0.5
YSS 52.88 352 ePc 24 17.10 -2.6
epPc 24 22.40 17kmX
ed 24 28.19
LOE 54.45 296 eP 24 31.00 -0.7
NST 55.33 293 eP 24 38.50 0.4
HON 55.92 60 P 24 50.00 7.7X
Z 19s 2.73um 5.4Msz
BJI 55.93 327 eP 24 40.00 -2.0
2.0s 70.00nm 5.3mb
Z 20s 11.78um 6.0Msz
N 17s 6.07um
eS 32 36.00
KIP 55.94 60 (P) 24 42.59 0.1
ec 24 49.21
XAN 56.45 317 iPc 24 45.34 -0.7
epPc 24 50.55 17kmX
ed 24 55.85
KMI 56.58 305 P- 24 47.00 -0.3
1.2s 60.00nm 5.5mb
Z 22s 7.40um 5.7Msz
N 14s 4.70um
E 14s 4.30um
pP 24 57.00 33kmX
sP 25 02.60
CHTO 57.42 296 iPc 24 52.70 -0.4
1.6s 104.99nm 5.6mb
e 55 02.60
PET 58.55 5 eP 25 00.00 -0.4
TVO 58.76 107 eP 25 00.90 -1.7
1.5s 660.20nm 6.5mb
PMO 59.90 104 eP 25 08.70 -1.6
1.6s 736.30nm 6.6mb
TPT 60.16 104 eP 25 10.40 -1.8
1.4s 331.10nm 6.3mb
RUV 60.40 104 eP 25 12.00 -1.8
1.6s 534.80nm 6.4mb
LZH 61.05 317 ePc 25 18.44 0.3
1.6s 131.00nm 5.8mb
Z 20s 9.09um 5.9Msz
E 15s 3.23um
epP 25 24.39 19kmX
sP 25 32.00
PP 27 12.00
eS 32 06.50
ADK 63.13 21 iPc 25 30.41 -1.1
1.1s 58.50nm 5.7mb
epPc 25 35.71 17kmX
ed 25 41.17
CIT 65.86 335 eP 25 50.00 0.6
CSY 67.11 197 eP 26 04.00 7.0X
0.6s 13.00nm 5.3mb
YAK 69.42 349 (P) 26 09.25 -2.2
1.2s 78.00nm 5.7mb
ed 26 16.53
ZAK 69.57 329 iPc 26 12.60 0.1
1.4s 184.00nm 6.0mb
e 35 54.00
TAPN 69.94 302 P 26 15.64 0.0
0.9s 90.00nm 5.9mb
BOD 70.04 340 eP 26 14.30 -1.0
ODAN 70.06 301 P 26 16.06 -0.3
0.7s 94.00nm 6.0mb
TLY 70.18 330 eP 26 14.95 -1.4

epPc 26 21.08 20kmX
ed 26 26.37
IRK 70.23 331 eP 26 16.00 -0.6
1.0s 35.00nm 5.4mb
e 26 29.80
RAMN 70.76 301 P 26 21.00 0.3
JIRN 71.32 301 P 26 24.82 0.6
0.6s 27.00nm 5.5mb
GUN 71.65 302 P 26 26.10 -0.1
0.8s 135.00nm 6.1mb
PKI 71.96 301 P 26 27.02 -0.9
0.7s 25.00nm 5.4mb
KKN 72.13 301 P 26 29.14 0.3
0.8s 77.00nm 5.8mb
DMN 72.23 301 P 26 29.18 -0.3
0.8s 110.00nm 6.0mb
GKN 72.73 301 P 26 31.84 -0.5
0.7s 62.00nm 5.8mb
SBA 72.76 177 eP 26 33.60 2.3
KOLN 73.55 301 P 26 36.62 -0.5
0.7s 91.00nm 5.9mb
DANN 73.57 302 P 26 37.44 0.1
0.7s 80.00nm 5.9mb
PYUN 74.16 301 P 26 39.78 -0.9
0.8s 124.00nm 6.0mb
HYB 75.81 289 ePd 26 49.50 -0.6
ILT 76.10 11 iPd 26 50.00 -0.7
3.0s 240.00nm 5.7mb
ipP 27 10.20 75kmX
iSS 37 16.00
GBA 76.23 285 P 26 52.00 -0.4
1.0s 16.50nm 5.0mb
KDC 77.23 27 eP 26 56.50 -0.6
0.8s 56.10nm 5.7mb
SVW 77.80 23 ePc 27 01.30 0.9
0.9s 37.10nm 5.4mb
TTA 78.74 22 ePc 27 05.70 0.1
1.5s 62.20nm 5.4mb
NDI 79.24 300 eP 27 07.00 -1.9
CP2 79.24 24 P 27 08.00 -0.5
SLKM 79.68 25 P 27 10.20 -0.4
POO 80.41 290 (P) 27 16.00 0.7
PMR 80.69 25 ePc 27 15.00 -0.9
1.5s 72.80nm 5.5mb
Z 19s 4.30um 5.8Msz
IMA 81.41 20 eP 27 19.90 0.1
2.0s 127.20nm 5.6mb
KLU 81.99 25 P 27 22.60 -0.2
TOA 82.17 25 eP 27 24.10 0.4
1.3s 146.00nm 5.9mb
COL 82.86 22 ePc 27 25.44 -1.8
epPc 27 30.57 16kmX
ed 27 36.94
FBA 82.86 22 eP 27 26.70 -0.5
1.4s 126.00nm 5.9mb
BALM 83.35 27 P 27 30.10 0.2
FRU 84.39 314 iPc 27 36.20 0.7
2.0s 140.00nm 5.8mb
SPA 84.56 180 iPc 27 35.90 -0.1
0.7s 1.95nm 4.4mb X
Z 18s 2.04um 5.6Msz
MAW 84.59 203 eP 27 37.00 1.1
SIT 85.34 32 P 27 40.50 0.7
1.4s 42.86nm 5.5mb
Z 20s 2.45um 5.6Msz
NRIL 86.08 342 ePc 27 42.03 -1.3
epPc 27 46.83 15kmX
ed 27 52.71
ARC 89.08 49 eP 28 07.42 9.1X
Z 21s 3.60um 5.8Msz
eSP 40 28.42
eLR 55 41.42
BRVK 89.27 323 iPc 27 58.00 -1.0
1.0s 43.00nm 5.7mb
eS 38 25.00
INK 89.42 21 eP 28 00.50 1.1
1.0s 8.00nm 4.9mb
STAN 90.10 53 eP 28 03.84 0.6
Z 21s 6.00um 6.0Msz
eLR 56 38.84
BKS 90.11 52 eP 28 04.37 1.1
Z 19s 7.00um 6.1Msz
eS 39 08.37
ePS 40 09.37
eSP 40 13.37
eLQ 52 19.37
eLR 56 40.37

WDC	90.20	49	eP	28 11.11	7.5X
	Z 21s		7.00um		6.1Msz
			eSKS	38 53.11	
			eS	39 10.11	
			eSP	40 17.11	
			eSS	45 19.11	
			eLQ	52 18.11	
			eLR	56 44.11	
YBH	90.21	48	eP	28 07.62	3.9X
	Z 22s		5.00um		5.9Msz
			eS	39 15.62	
			eSP	40 28.62	
			eLQ	52 12.62	
			eLR	55 58.62	
MHC	90.52	53	eP	28 07.19	1.9
	Z 21s		7.00um		6.1Msz
			eS	39 02.19	
			ePS	40 17.19	
			eSP	40 26.19	
			eLQ	52 41.19	
			eLR	56 45.19	
SAO	90.61	53	P	28 20.00	14.4X
	Z 20s		6.38um		6.0Msz
SAO	90.61	53	eP	28 07.78	2.2
	Z 21s		6.00um		6.0Msz
			eS	39 14.77	
			eSP	40 21.77	
			eLQ	52 31.77	
			eLR	56 29.77	
ORV	90.87	51	eP	28 12.36	5.6X
	Z 21s		6.00um		6.0Msz
			e	34 22.36	
			eSKS	39 12.36	
			eS	39 15.36	
			eSP	40 28.36	
			ePS	40 31.36	
			eSS	45 21.36	
			eSKKS	52 03.36	
			eLQ	53 12.36	
			eLR	56 19.36	
GMW	90.88	42	P	28 07.80	1.2
MIN	90.88	50	eP	28 07.74	0.8
	Z 21s		5.00um		5.9Msz
			eSP	40 29.74	
			eLR	56 41.74	
MCW	90.98	41	P	28 07.80	0.7
JCW	91.52	42	P	28 11.95	2.4
RMW	91.53	43	P	28 10.80	1.1
ASR	91.53	44	P	28 11.49	1.7
FMW	91.56	43	P	28 10.90	0.9
CMB	91.58	52	P	28 20.00	9.9X
	Z 20s		7.46um		6.1Msz
CMB	91.58	52	ePc	28 11.49	1.4
	Z 19s		7.00um		6.1Msz
			epPd	28 16.95	17kmX
			esP	28 20.18	
			eS	39 27.31	
			ePS	40 37.31	
			eSP	40 50.31	
			e	45 37.31	
			eLQ	53 00.31	
			eLR	57 09.31	
CROR	91:83	45	P	28 13.11	2.0
VIPM	92.04	46	P	28 13.69	1.4
EBG	92.31	43	P	28 14.69	1.4
CALB	92.65	56	ePc	28 16.85	1.9
			epP	28 22.15	17kmX
JBO	92.68	45	P	28 17.22	2.2
ISA	92.90	55	P	28 30.00	13.8X
	Z 20s		5.20um		6.0Msz
ISA	92.90	55	eP	28 17.34	1.1
	Z 20s		5.20um		6.0Msz
			epPc	28 22.56	16kmX
			esP	28 26.61	
SAW	93.17	43	P	28 18.93	1.7
LNOR	93.80	44	P	28 21.42	1.3
DPW	93.99	42	P	28 21.50	0.5
GSC	94.23	55	ePc	28 24.00	1.6
			ed	28 27.32	
			epP	28 29.30	17kmX
			esP	28 33.61	
PFO	94.41	57	eP	28 25.34	2.0
			epPc	28 29.97	14kmX
			esP	28 33.94	
NEW	94.73	42	P	28 30.00	5.6X
	Z 19s		5.85um		6.1Msz
TPNV	94.78	53	P	28 26.70	1.7

MAIO	95.09	306	eP	28 25.00	-1.4
ELK	95.75	50	P	28 30.50	1.0
DUG	97.58	50	P	28 50.00	12.4X
	Z 19s		4.62um		6.0Msz
LRM	97.87	45	eP	28 39.10	0.1
HHAI	97.93	47	P	28 39.90	0.8
TUC	99.13	58	P	29 00.00	15.3X
	Z 19s		4.54um		6.0Msz
ALQ	102.70	56	Pdiff	29 10.00	9.1X
	Z 18s		2.10um		5.7Msz
GOL	103.31	51	Pdiff	29 10.00	6.4X
	Z 20s		5.78um		6.1Msz
GLD	103.42	51	Pdiff	29 10.00	6.0X
	Z 18s		3.83um		6.0Msz
OBN	108.75	327	ePKP	33 48.00	15.7X
	Z 23s		6.00um		6.1MszX
	N 18s		1.60um		
	E 22s		3.20um		
			e	36 40.00	
			iPS	43 24.00	
			iSS	49 34.00	
			iSSS	53 28.00	
WMOK	109.01	55	PKP	33 40.00	6.5X
	Z 20s		3.77um		5.9Msz
KAF	110.83	336	ePKP	33 38.10	2.1
NUR	112.34	335	iPKP	33 39.60	0.7
	0.7s		5.40nm		
MIAR	113.29	55	PKP	33 50.00	8.5X
	Z 18s		4.94um		6.1Msz
JFWS	113.99	45	PKP	33 50.00	7.3X
	Z 21s		2.44um		5.8Msz
SLM	115.09	50	PKP	34 00.00	15.1X
	Z 19s		2.39um		5.8Msz
FVM	115.10	51	PKP	34 00.00	15.0X
	Z 20s		9.50um		6.4Msz
HFS	116.94	338	ePKP	33 46.80	-1.0
	0.5s		1.60nm		
NB2	117.21	340	PKP	33 47.30	-1.0
	0.8s		3.00nm		
JAQ	118.34	30	ePKP	33 49.50	-1.1
MYNC	120.74	52	PKP	34 10.00	14.2X
	Z 19s		3.43um		6.0Msz
OKC	121.17	327	PKP	33 57.40	1.3
SRO	122.15	325	iPKP	33 58.20	0.2
YSNY	122.24	42	PKP	34 10.00	11.6X
	Z 18s		3.04um		6.0Msz
VAY	122.48	316	iPKP	33 58.70	-0.2
ZST	122.63	326	iPKP	33 59.10	0.2
GAC	122.72	38	ePKP	33 59.00	-0.1
BRG	122.77	330	iPKPc	34 00.30	1.2
	1.2s		17.00nm		
	Z 20s		4.30um		6.1Msz
	N 20s		2.00um		
	E 20s		2.50um		
			i	34 03.90	
CLL	122.97	330	ePKP	33 59.00	-0.5
	1.5s		22.00nm		
	Z 20s		3.00um		5.9Msz
			i	34 04.00	
SKO	122.97	317	iPKP	33 59.00	-0.8
PRU	123.00	329	PKP	33 59.90	0.3
	Z 19s		2.00um		5.8Msz
	N 21s		1.20um		
	E 19s		1.10um		
			i	34 04.40	
KHC	124.01	328	PKP	34 01.50	-0.2
	1.0s		14.00nm		
	Z 20s		3.10um		6.0Msz
	N 18s		1.00um		
	E 20s		0.60um		
			e	34 04.50	
			e	34 14.50	
BINY	124.06	42	PKP	34 01.30	-0.7
	Z 20s		3.59um		6.0Msz
MOX	124.07	331	ePKP	34 02.00	0.3
	Z 19s		2.90um		6.0Msz
GEC2	124.12	328	e(PKP)	34 01.90	-0.1
	0.5s		6.40nm		
CEH	124.38	50	PKP	34 10.00	7.2X
	Z 19s		2.30um		5.9Msz
PTJ	124.53	324	iPKP	34 04.00	1.1
ZAG	124.55	324	ePKP	34 02.70	0.0
WIT	124.84	335	ePKP	34 05.50	2.5
GRF	124.87	330	ePKPc	34 03.30	0.0
	Z 22s		4.10um		6.0MszX
KBA	125.36	326	iPKPc	34 03.10	-1.4
			i	34 07.90	

WTS	125.37	334	ePKP	34 05.00	0.9
	1.0s		12.80nm		
LBNH	125.63	38	PKP	34 05.20	0.2
	Z 21s		3.98um		6.1Msz
HVAR	125.67	321	iPKP	34 04.80	-0.2
FUR	125.81	328	iPKPc	34 04.80	-0.4
	Z 22s		4.00um		6.0Msz
LSCT	126.12	41	PKP	34 20.00	14.0X
	Z 18s		4.26um		6.1Msz
WATA	126.17	327	iPKPc	34 05.40	-0.7
WTTA	126.18	327	iPKPc	34 05.50	-0.7
			i	34 10.40	
CBM	126.29	33	PKP	34 20.00	13.9X
	Z 19s		5.45um		6.2Msz
EKA	126.39	343	PKP	34 06.00	-0.1
	0.8s		6.00nm		
MOTA	126.41	328	(PKP)	34 06.30	-0.3
SQTA	126.44	327	iPKPc	34 05.90	-0.7
			i	34 10.80	
ENN	126.64	334	ePKP	34 07.00	0.4
	1.0s		10.00nm		
MEM	126.72	333	iPKPc	34 08.23	1.5
			id	34 12.14	
HRV	126.77	39	PKP	34 20.00	12.8X
	Z 19s		3.64um		6.1Msz
HOFF	126.97	331	PKP	34 07.24	-0.1
LANF	127.02	331	PKP	34 07.24	-0.3
WLF	127.32	333	iPKPd	34 09.06	1.1
OSS	127.34	328	ePKPc	34 08.10	-0.3
WLS	127.63	331	PKP	34 07.67	-1.0
CDF	127.67	331	ePKP	34 08.30	-0.5
	0.8s		5.25nm		
FEL	127.67	330	PKP	34 08.10	-0.8
ECH	127.86	331	PKP	34 07.89	-1.2
MOF	128.12	330	PKP	34 09.21	-0.5
BBS	128.20	330	PKP	34 08.75	-1.1
BSF	128.30	331	ePKP	34 09.60	-0.5
	1.0s		31.80nm		
TMA	128.39	328	ePKPc	34 09.60	-0.8
HAU	128.40	331	ePKP	34 09.90	-0.3
	0.9s		23.75nm		
	Z 22s		2.40um		5.8Msz
NNA	128.58	110	ePKP	34 06.00	-5.5X
	1.0s		15.00nm		
LOMF	128.61	330	PKP	34 09.85	-0.8
LMN	128.76	32	ePKP	34 12.00	1.1
	0.9s		9.00nm		
DIX	129.17	329	ePKPc	34 12.00	0.0
LPL	129.90	328	ePKP	34 13.40	0.0
	0.5s		4.80nm		
LPG	129.90	328	ePKP	34 13.40	-0.1
	0.5s		4.65nm		
LOR	130.11	332	ePKP	34 13.40	0.0
	1.1s		16.85nm		
	Z 23s		4.50um		6.1MszX
LBF	130.26	331	ePKP	34 13.70	0.0
	1.2s		16.35nm		
SSF	130.42	332	ePKP	34 14.10	0.1
	1.2s		31.55nm		
AUTN	130.53	326	PKP	34 13.37	-1.2
SURF	130.55	327	PKP	34 14.46	-0.1
PGF	130.55	324	ePKP	34 14.10	-0.4
	0.9s		36.05nm		
SMF	130.56	331	ePKP	34 14.20	-0.1
	0.7s		7.60nm		
GRN	130.60	329	PKP	34 15.06	0.5
SBF	130.61	326	ePKP	34 13.80	-0.8
	0.9s		22.60nm		
TOUF	130.62	327	PKP	34 15.34	0.6
HYF	130.67	333	ePKP	34 14.90	0.4
AVF	130.69	332	ePKP	34 14.20	-0.3
	0.9s		5.55nm		
LDF	130.86	336	ePKP	34 14.60	-0.2
	1.2s		24.70nm		
FLN	130.87	336	ePKP	34 14.80	0.0
	1.0s		24.00nm		
	Z 23s		3.60um		6.0MszX
BGF	131.10	332	ePKP	34 15.40	0.1
	1.0s		22.20nm		
PLDF	131.16	331	PKP	34 12.55	-3.0
FRF	131.24	327	ePKP	34 15.50	-0.2
	1.0s		19.40nm		
GRR	131.32	336	ePKP	34 15.40	-0.2
	0.8s		18.55nm		
AGO	131.33	331	PKP	34 13.33	-2.5
LMR	131.47	326	ePKP	34 15.90	-0.2
	1.0s		21.60nm		

13d 21h

LRG 131.47 327 ePKP 34 15.80 -0.3
0.7s 15.00nm
Z 21s 2.95um 6.0Msz
MAF 131.48 332 ePKP 34 16.10 0.0
1.0s 8.40nm
TCF 131.60 332 ePKP 34 16.40 0.1
0.9s 21.45nm
PYM 131.61 331 PKP 34 12.88 -3.5X
LPF 131.68 336 ePKP 34 16.50 0.2
0.8s 28.05nm
LBL 131.87 330 PKP 34 13.96 -3.0
LSF 131.94 332 ePKP 34 16.80 -0.1
MFF 132.42 334 ePKP 34 17.80 0.0
0.9s 11.45nm
RJF 132.65 332 ePKP 34 18.50 0.2
Z 22s 3.42um 6.0Msz
CAF 132.67 331 ePKP 34 19.00 0.6
LPO 133.27 331 ePKP 34 20.00 0.5
0.9s 11.95nm
LFF 133.29 332 ePKP 34 20.10 0.6
BCAO 133.48 271 ePdiff31 20.90 2.7
0.6s 3.00nm
i 34 21.00
i 37 08.00
i 37 48.00
MOCB 134.65 127 PKP 34 24.50 1.1
LPB 134.86 120 PKP 34 26.00 2.2
BTH 135.10 331 ePKP 34 21.00 -2.0
i 34 24.00
i 34 28.00
i 34 30.00
ipP'df34 33.00
isP'df34 37.50
i 35 06.40
eSKPbc37 52.00
i 38 03.50
e 38 15.00
e 38 19.00
(PS) 47 14.00
eSKKP 47 52.00
(SKKS)50 56.50
ECHE 138.10 328 ePKP 34 32.80 3.9X
UFRS 138.37 149 ePKP 34 29.20 -0.4
GUD 138.89 332 ePKP 34 28.00 -2.4
EALH 139.61 327 ePKP 34 28.00 -3.6X
MVO 139.75 335 e(PKP)34 35.00 3.2X
EHUE 140.27 328 ePKP 34 33.50 0.6
MTE 140.59 335 e(PKP)34 33.00 -0.4
EBAN 140.63 329 ePKP 34 26.00 -7.4X
ECOG 141.19 328 ePKP 34 29.00 -5.6X
ELUQ 141.34 329 ePKP 34 28.50 -6.3X
ERON 141.51 328 ePKP 34 29.00 -6.2X
EGUA 141.52 328 ePKP 34 30.00 -5.1X
ELOJ 141.59 328 ePKP 34 34.00 -1.3
EHOR 141.63 330 ePKP 34 30.00 -5.2X
EPRU 142.28 329 ePKP 34 32.00 -4.5X
EJIF 142.80 329 ePKP 34 35.00 -2.3
IFR 144.83 325 iPKPc 34 41.00 -0.1
BPA 145.08 68 ePKP 34 39.00 -2.7
PAG 145.49 70 ePKP 34 40.00 -2.5
DEG 146.00 69 ePKP 34 37.00 -6.3X
AVE 146.25 328 iPKPc 34 44.50 1.3
TIO 147.96 325 iPKP 34 49.50 3.3X
BDFB 151.25 137 ePKP 34 52.33 0.7
BAO 151.27 137 ePKP 34 57.20 5.6X
KIC 156.69 273 PKP 34 57.22 -1.8
1.3s 25.00nm
TIC 156.96 274 PKP 34 58.94 -0.5
0.9s 5.50nm
LIC 156.98 273 PKP 34 59.68 0.3
1.0s 7.50nm
Z 20s 3.00um 6.1Msz
LKO 157.27 282 PKP 34 59.43 -0.4
1.1s 31.50nm
KDS 162.75 295 ePKP 35 06.50 1.0
S.D. = 1.1 on 229 of 281 obs.

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* JUN 13, 1994 21h 50m 54.68± 0.37s
10.802 S ± 6.8km 112.894 E ±10.6km
DEPTH = 33.0km (normal)
5.1mb (15 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT 3.09 355 iPc 51 40.00 -2.3
NANU 11.96 168 eP 53 45.00 -0.9
MBL 12.27 148 eP 53 46.00 -4.0X
eS 55 52.00
MEEK 16.65 162 eP 54 47.00 -0.3
eS 57 40.00
BAL 20.02 170 eP 55 31.00 3.3X
KLB 21.17 168 eP 55 46.00 6.5X
COOL 21.40 160 eP 55 48.00 6.1X
WOOL 21.79 159 eP 55 50.10 4.4X
WB2 22.57 116 iPc 55 53.60 0.0
0.4s 9.20nm 4.6mb
ASPA 23.75 125 iPc 56 05.10 0.0
0.7s 11.30nm 4.5mb
PGP 25.44 19 eP 56 21.00 -0.3
TGY 26.00 18 iPd 56 28.00 1.5
GQP 26.31 21 ePc 56 13.00 -16.4X
CVP 29.67 17 eP 57 05.00 5.2X
PIP 29.93 15 ePc 57 16.50 14.4X
LOE 30.12 338 eP 57 03.00 -0.8
STKA 33.79 133 eP 57 36.60 0.7
1.3s 13.80nm 4.7mb
KMI 37.05 345 ePd 58 04.60 0.7
1.0s 20.00nm 4.9mb
pP 58 10.80 21kmX
ODAN 44.89 327 P 59 08.37 0.0
0.6s 16.00nm 5.1mb
TAPN 45.11 328 P 59 10.77 0.6
0.7s 20.00nm 5.1mb
RAMN 45.38 326 P 59 13.47 1.1
JIRN 46.17 326 P 59 17.73 -0.9
0.5s 21.00nm 5.3mb
PKI 46.53 326 P 59 21.63 0.2
0.3s 6.00nm 5.1mb
GUN 46.53 326 P 59 21.21 -0.3
0.5s 20.00nm 5.3mb
DMN 46.72 325 P 59 23.21 0.3
0.4s 11.00nm 5.2mb
KKN 46.77 326 P 59 23.39 0.2
GKN 47.29 325 P 59 27.37 0.1
0.3s 9.00nm 5.3mb
KOLN 47.70 324 P 59 30.83 0.2
0.5s 18.00nm 5.3mb
DANN 48.05 325 P 59 33.39 0.0
0.5s 20.00nm 5.4mb
PYUN 48.30 324 P 59 35.59 0.3
0.8s 9.00nm 4.9mb
BCAO 95.09 274 iPd 04 09.10 -7.3X
0.4s 10.00nm 5.6mb
i 08 24.30
i 09 28.20
i 11 21.00
S.D. = 0.8 on 22 of 31 obs.

JUN 13, 1994 21h 53m 29.82± 0.15s
3.922 N ± 2.9km 128.169 E ± 3.9km
DEPTH = 55.3km (9 depth phases)
5.6mb (68 obs.)
NORTH OF HALMAHERA, INDONESIA (264)
Mw 5.6 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 49C
Centroid Location:
Origin Time 21:53:34.8 0.3
Lat 4.20N 0.04 Lon 128.11E 0.04
Dep 50.5 4.0 Half-duration 1.4
Moment Tensor; Scale 10**17 Nm
Mrr= 2.48 0.13 Mtt=-1.33 0.13
Mff=-1.15 0.20 Mrt= 0.27 0.26
Mrf= 0.56 0.20 Mtf=-1.87 0.16
Principal Axes:
T Val= 2.57 Plg=81 Azm=269
N 0.60 6 45
P -3.17 6 136
Best Double Couple:Mo=2.9*10**17
NP1:Strike=233 Dip=39 Slip= 100
NP2: 40 51 82

DAV 4.07 321 ePc 54 33.00 2.0
1.0s 720.00nm
iS 55 24.20
BIP 4.68 336 ePd 54 38.00 -1.7
iS 55 29.50
CGP 5.67 323 ePd 54 56.00 2.4
eS 56 12.00
AAI 7.56 180 eP 55 23.50 3.6X
MAP 7.60 327 ePc 55 21.00 0.5
eS 56 15.00
PLP 7.86 336 ePd 55 23.20 -0.9
TSM 10.28 272 iPc 55 58.50 1.2
e 57 49.00
TLE 10.54 154 iPc 56 01.90 1.0
0.8s 21.00nm 5.3mb
PPR 11.03 302 ePc 56 07.00 -0.5
KKM 12.09 281 ePd 56 24.00 2.1
SLKI 12.23 165 ePc 56 24.50 0.9
JAY 14.07 117 ePd 56 51.40 3.5X
eS 59 47.10
BAG 14.48 330 ePc 56 53.50 0.1
eS 59 41.00
MTN 16.92 170 eP 57 23.50 -0.9
0.5s 410.00nm 5.8mb
WWKK 17.17 116 eP 57 33.70 6.2X
TRT 19.33 233 iPc 57 50.00 -3.6X
KNA 19.55 178 eP 57 54.90 -1.1
0.3s 46.00nm 5.2mb
HKC 22.76 325 iP 58 31.60 3.2X
PMG 23.10 125 eP 58 33.00 1.2
LEM 23.13 243 ePd 58 35.00 2.7
KVG 23.54 106 eP 58 37.80 1.8
WRA 24.48 166 P 58 44.79 -0.4
0.7s 61.20nm 5.2mb
WB2 24.48 166 iPc 58 44.80 -0.4
0.7s 133.60nm 5.6mb
ipP 58 56.00 43km
iS 03 06.40
KGM 24.89 266 ePc 58 49.50 0.4
MBL 26.23 198 iPd 59 01.50 -0.1
IPM 27.08 272 ePc 59 08.60 -0.8
1.1s 10.10nm 4.3mb X
KAGJ 27.24 5 eP 59 09.40 -1.3
SNG 27.61 278 eP 59 15.00 0.8
1.0s 100.00nm 5.4mb
SSE 27.82 347 P 59 17.90 2.0
i 59 22.00 14kmX
i 59 36.40
i 59 56.40
ASPA 27.98 169 iPc 59 16.10 -1.4
0.4s 47.10nm 5.5mb
Z 23s 2.90um 4.8MszX
iS 03 53.80
eScP 05 26.60
eScS 09 56.70
KUMJ 28.57 5 eP 59 21.70 -1.0
NANU 29.08 205 iPc 59 27.00 -0.3
LOE 29.17 299 eP 59 28.00 -0.3
NNT 29.40 289 eP 59 32.00 1.6
CTA 29.75 144 eP 59 30.00 -3.4X
TKSJ 30.41 10 P 59 41.00 2.0
WKYJ 30.93 12 P 59 43.20 -0.5
YONJ 31.50 8 P 59 48.40 -0.2
MEEK 31.75 196 eP 59 49.60 -1.4
0.3s 33.00nm 5.6mb
KMI 32.28 313 ePd 59 55.20 -0.7
1.4s 60.00nm 5.2mb
Z 18s 1.70um 4.8Msz
pP 00 10.00 60km
sP 00 18.00
S 05 26.00
sS 05 40.00
TSRJ 32.28 12 eP 59 53.00 -2.4
CHJJ 33.49 16 eP 00 04.20 -1.8
MTMJ 33.69 14 eP 00 07.00 -0.9
MAT 33.75 15 iPc 00 06.40 -1.9
0.7s 15.07nm 5.0mb
NIIJ 34.62 15 eP 00 14.70 -1.0
MRWA 34.96 199 eP 00 17.50 -1.2
0.4s 22.00nm 5.4mb
WOOL 35.37 190 iPd 00 20.80 -1.3
iPcP 02 51.20
YAMJ 35.77 16 eP 00 25.90 0.4
BAL 36.04 197 eP 00 27.00 -0.8
0.4s 41.00nm 5.7mb
KLB 36.68 195 eP 00 32.50 -0.7
0.4s 23.00nm 5.5mb
OFUJ 37.08 18 eP 00 41.60 5.1X
MUN 37.47 197 eP 00 39.00 -0.8
0.7s 63.00nm 5.7mb
BJI 37.56 345 eP 00 40.50 0.1
1.2s 90.00nm 5.6mb
Z 20s 1.81um 4.9Msz
N 13s 0.68um
eS 06 22.00
STKA 37.82 161 iPd 00 42.40 -0.4
0.5s 38.30nm 5.6mb
i 00 58.10 62km
LZH 39.08 328 iPc 00 55.00 1.5

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       1.6s   558.00nm          6.2mb
     Z  25s     4.01um          5.1MszX
     N  10s     0.88um
                pP    01 08.00  49km
                sP    01 14.00
                PP    02 32.00
                S     06 48.00
                sS    07 10.00
                eSS   09 30.00
                ScS   10 58.00
VLA    39.17    4 iPc  00 57.00   3.1X
       2.0s   177.00nm          5.6mb
     Z  15s     0.50um          4.5MszX
     E  16s     0.90um
                i     01 13.00  64km
ADE    39.93  166 eP   01 01.20   0.8
ARMA   40.86  148 eP   01 07.80  -0.3
       0.7s    20.00nm          5.0mb
                i     01 22.80  58km
KUSJ   41.69   18 eP   01 15.30   0.7
ASAJ   42.02   16 eP   01 18.50   1.1
CAN    43.66  155 eP   01 31.70   0.8
CNB    43.81  155 eP   01 33.80   1.7
TOO    44.31  160 eP   01 36.00  -0.2
       0.8s    34.00nm          5.2mb
YSS    44.74   14 eP   01 39.00  -0.4
TAPN   45.07  305 P    01 42.67  -0.1
       0.8s    97.00nm          5.7mb
ODAN   45.14  305 P    01 43.29   0.1
       0.2s   118.00nm          6.4mb
NOUC   45.38  126 iPc  01 44.20  -0.7
DZM    45.48  126 iPc  01 45.00  -0.8
RAMN   45.82  304 P    01 48.99   0.4
       0.6s   114.00nm          5.9mb
JIRN   46.43  305 P    01 53.67   0.1
       0.7s    91.00nm          5.8mb
GUN    46.78  305 P    01 56.27   0.0
       0.5s    71.00nm          5.8mb
PKI    47.04  305 P    01 57.35  -1.0
KKN    47.22  305 P    01 59.35  -0.3
DMN    47.30  304 P    01 59.83  -0.5
       0.6s    33.00nm          5.4mb
GKN    47.83  305 P    02 03.51  -0.9
       0.6s    26.00nm          5.4mb
KOLN   48.60  304 P    02 10.47   0.1
       0.5s    77.00nm          6.0mb
DANN   48.68  305 P    02 10.87  -0.2
       0.7s   126.00nm          6.1mb
PYUN   49.22  304 P    02 15.41   0.3
       1.0s   209.00nm          6.1mb
CIT    49.43  348 eP   02 17.50   1.3
HYB    50.40  289 ePc  02 24.00  -0.1
       1.0s   160.00nm          6.0mb
ZAK    50.83  340 iPc  02 26.50  -0.2
       1.4s    92.00nm          5.6mb
                e     03 42.60 370kmX
GBA    50.96  284 Pc   02 27.90  -0.4
       1.2s   999.90nm          6.7mb X
IRK    52.10  342 eP   02 36.00  -0.4
       1.6s    92.00nm          5.6mb
                e     02 49.80  51km
                e     03 48.00
NDI    54.22  303 iPc  02 51.30  -1.1
BOD    54.89  351 iPc  02 57.00   0.1
POO    55.00  290 iP   02 58.50   0.2
YAK    57.97    1 iPc  03 17.10  -1.6
       1.4s   295.00nm          6.2mb
                e     04 09.00 230kmX
                e     05 28.00
                ePPP  06 47.00
                eS    11 09.00
                ePS   11 23.00
                e     12 58.00
AAA    59.81  319 eP   03 32.00   0.1
                eS    11 39.50
MSZ    60.03  148 P    03 33.60   0.4
THZ    60.98  143 P    03 38.90  -0.9
FRU    61.18  318 iPc  03 41.00  -0.2
       2.5s   300.00nm          6.0mb
                e     03 55.00  51km
                e     04 24.00
LTZ    61.22  144 eP   03 40.70  -0.7
KHZ    61.75  143 eP   03 43.30  -1.6
ADK    66.00   34 eP   04 12.40  -0.2
       0.8s    28.13nm          5.3mb
BRVK   68.02  327 iPc  04 25.00  -0.4
       1.1s   248.00nm          6.1mb
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     Z  22s     1.03um          5.0Msz
     N  18s     0.82um
     E  22s   728.00um
                eS    13 15.00
MAIO   70.54  307 iPc  04 41.30   0.0
       0.9s    28.56nm          5.2mb
ASH    71.72  309 eP   04 49.00   0.8
       1.5s   240.00nm          5.9mb
ILT    73.18   18 iPc  04 55.70  -0.5
KAT    73.53  310 iPc  04 59.50   0.7
                e     05 19.50  75kmX
SVE    74.55  328 iPc  05 04.00  -0.4
       1.5s   250.00nm          5.9mb
SDN    76.22   34 iPc  05 14.13   0.2
       0.6s   308.00nm          6.4mb
SVW    79.93   29 iPc  05 35.32   1.1
       1.0s   177.16nm          5.9mb
TTA    80.08   27 iPc  05 36.10   1.0
       0.6s    29.59nm          5.4mb
KER    80.42  304 iPc  05 36.00  -1.5
KDC    81.01   32 iPc  05 40.96   1.1
       0.6s    61.31nm          5.7mb
TAB    81.17  308 iPc  05 42.00   0.6
                i     05 47.00  16kmX
BRW    81.54   18 iPd  05 44.02   1.6
CP2    81.57   29 eP   05 43.78   0.7
IMA    81.63   24 iPc  05 44.44   1.2
       1.0s    60.68nm          5.5mb
GRO    81.86  313 iPc  05 46.00   1.4
       1.0s   110.00nm          5.8mb
                e     15 53.00
MTA    82.45  311 iPc  05 47.80   0.0
       0.8s     5.00nm          4.6mb
SLKM   82.47   30 iPc  05 47.78   0.3
PMR    83.09   29 iPc  05 50.92   0.3
       0.8s    52.93nm          5.6mb
PYA    83.78  314 iPc+ 05 54.00  -0.6
       1.5s   130.00nm          5.7mb
                i     06 11.00  61km
                e     16 10.00
FBA    83.94   25 eP   05 54.31  -0.6
       0.9s     5.53nm          4.6mb
MAW    84.43  200 iPc  05 58.80   1.5
       1.2s    94.10nm          5.7mb
TOA    84.52   28 ePc  06 00.00   2.0
       0.8s   452.30nm          6.6mb X
KLU    84.62   29 ePc  05 59.62   1.1
BALM   86.35   29 ePc  06 07.90   0.7
MOS    87.10  326 iPc  06 10.00  -0.7
       1.0s   110.00nm          6.0mb
                e     06 18.00  25kmX
OBN    87.71  325 iPc  06 13.00  -0.7
       1.2s   110.00nm          5.9mb
                i     06 20.00  22kmX
LVZ    87.72  338 eP   06 11.60  -2.0
ANN    87.88  315 eP   06 13.50  -1.2
                e     06 19.00  17kmX
                e     16 49.00
INK    89.46   22 eP   06 22.00   0.2
       1.0s    12.00nm          5.2mb
PUL    90.59  330 (P)  06 26.00  -1.1
SDF    90.91  338 iP   06 22.00  -6.6X
NAI    91.45  269 iPc  06 22.00 -10.4X
     Z  20s     1.13um          5.3Msz
MBC    91.45   13 eP   06 31.50   0.6
       0.6s     5.00nm          5.1mb
KAF    92.09  333 iP   06 32.60  -1.4
       0.6s     8.30nm          5.3mb
NUR    93.23  331 iP   06 37.80  -1.5
       0.5s     6.90nm          5.3mb
SPA    93.89  180 iPc  06 43.20   0.8
       0.7s    13.67nm          5.5mb
UPP    96.78  332 iP   06 54.00  -1.5
RES    97.37   11 eP   06 58.50   0.5
       0.9s    10.00nm          5.3mb
UZH    97.48  320 ePc  06 59.00   0.1
       1.0s    35.00nm          5.8mb
     Z  22s     3.00um          5.7Msz
     N  22s     2.00um
     E  22s     3.50um
                e     07 08.80  31kmX
HFS    98.51  333 eP   07 01.40  -2.0
       0.6s    11.70nm          5.6mb
YKA    98.73   25 eP   07 04.10  -0.2
       1.0s    11.90nm          5.4mb
VAY    99.05  313 iP   07 04.50  -1.7
NB2    99.25  334 P    07 05.00  -1.8
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       1.0s    14.20nm          5.5mb
SKO    99.72  314 eP   07 08.00  -1.3
PRU   101.90  323 ePdiff07 18.50  -0.3
BRG   101.93  324 iPdiff07 19.50   0.6
       1.5s    14.00nm          5.4mb
                i     07 34.60
CLL   102.32  324 iPdiff07 20.00  -0.6
       1.6s    13.00nm          5.4mb
KHC   102.80  322 ePdiff07 22.60  -0.3
       1.4s     7.00nm          5.2mb
GEC2  102.82  322 Pdiff 07 22.40  -0.7
       1.3s     4.36nm          5.0mb
                e     11 40.20
MOX   103.39  324 ePdiff07 25.20  -0.3
       1.6s    13.00nm          5.5mb
BSF   107.45  323 ePKP 11 53.40   1.2
       1.0s     7.20nm
TCF   110.94  323 ePKP 11 58.80   0.1
CAF   111.70  322 ePKP 12 07.00   6.8X
       1.0s     3.10nm
LPF   111.90  326 ePKP 12 00.60   0.2
       1.3s    16.95nm
ULM   114.10   29 ePKP 12 06.50   1.9
JAQ   119.10   16 ePKP 12 13.00  -1.0
MIAR  125.18   42 ePKP 12 26.79   0.5
GAC   126.30   20 ePKP 12 28.00  -0.1
LMN   129.12   12 ePKP 12 34.50   1.0
       0.9s     6.00nm
BINY  129.12   23 ePKP 12 33.96   0.3
                eSKP  15 49.63
KIC   131.89  282 PKP  12 39.45  -0.3
       0.9s    34.00nm
LKO   132.02  286 PKP  12 28.63 -11.3X
       0.8s     3.50nm
TIC   132.10  283 PKP  12 39.79  -0.3
       0.9s    17.00nm
LIC   132.19  282 PKP  12 39.95  -0.3
       0.8s    23.50nm
CEH   132.88   31 ePKP 12 40.66  -0.3
JSC   132.96   34 ePKP 12 41.74   0.6
LHS   133.06   33 ePKP 12 41.61   0.3
PEL   146.01  151 iPKP+ 13 05.50  0.6
                i     13 21.50
NNA   153.99  109 iPKPd 13 19.30  1.9
       1.0s    40.00nm
UFRS  154.00  181 ePKP 13 18.30   1.3
                e     13 25.90
MOCB  158.17  143 PKP  13 23.20   0.0
LPB   159.70  129 PKP  13 27.60   2.7
VAO   160.46  194 (PKP) 13 30.00  4.9X
ITR   165.84  250 ePKP 13 30.40   0.1
                e     14 28.90
BAO   167.76  198 ePKP 13 32.30   0.4
                i     13 48.00
     S.D. = 1.1  on 157 of 170 obs.
-------------------------------------
% JUN 13, 1994  22h 45m 59.81± 0.99s
  33.978 S ±13.2km   70.812 W ±14.1km
  DEPTH =  80.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION   (127)
CHCH    0.14   71 iP      46 11.26  -0.5
                  iS      46 21.16
CACH    0.22  128 iP+     46 12.74   0.7
                  iS      46 22.97
TACH    0.34  342 iPd     46 12.00  -0.5
                  iS      46 21.99
LNV     0.50  272 iPd     46 14.09   0.4
                  iS      46 25.73
FCH     0.78   34 iP      46 15.37  -1.6
                  iS      46 27.43
LCCH    0.81  308 iP      46 16.19  -0.6
                  iS      46 29.46
PEL     0.84    7 (P)     46 19.00   1.7
                  iS      46 28.54
ROCH    1.02  351 (P)     46 19.00  -0.6
                  iS      46 31.91
JACH    1.31    8 (P)     46 24.00   0.9
                  iS      46 37.34
     S.D. = 1.2  on   9 of   9 obs.
-------------------------------------
  JUN 13, 1994  22h 48m 27.54± 0.21s
  10.328 S ± 4.6km  113.621 E ± 5.5km
  DEPTH =  25.5km  (  5 depth phases)
  5.6mb ( 43 obs.)  5.0Msz (  4 obs.)
 SOUTH OF JAWA, INDONESIA         (282)
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13d 22h

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TRT     2.78 339 iPd   49 06.50  -4.9X
SJI     3.16 324 ePd   49 17.00   0.2
                 eS    49 55.00
WSI     6.60  85 ePd   50 08.20   2.7X
                 eS    51 10.00
NANU   12.30 172 iPd   51 17.00  -7.0X
       0.4s    52.00nm          6.1mb
                 eS    53 24.00
MBL    12.31 152 eP    51 19.00  -5.2X
                 iS    53 20.00
AAI    15.89  67 eP    52 12.00   0.8
KGM    15.99 320 eP    52 12.00  -0.4
KKM    16.47   9 eP    52 25.50   6.8X
MEEK   16.90 164 eP    52 18.00  -6.0X
       0.3s    35.00nm          5.0mb
                 eS    55 10.00
SLKI   17.61  84 ePc   52 32.00  -0.9
MRWA   18.93 174 eP    52 44.00  -5.1X
       0.5s    44.00nm          4.9mb
                 eS    55 59.00
IPM    19.41 319 ePc   52 55.50   0.6
       1.0s    90.00nm          5.0mb
BAL    20.38 172 eP    53 02.40  -2.8
PPR    20.61  14 ePc   53 07.00  -0.6
DAV    21.00  35 eP    53 15.40   3.8X
KLB    21.51 170 eP    53 14.50  -2.2
COOL   21.62 162 eP    53 15.00  -2.8
       0.4s    22.00nm          4.9mb
MUN    21.68 174 eP    53 16.50  -1.9
                 e     53 23.00  23km
SNG    21.68 323 eP    53 19.00   0.5
                 eS    57 24.00
WOOL   21.99 161 iPd   53 19.40  -2.1
                 eS    57 08.50
WB2    22.15 118 iPd   53 22.40  -0.9
       0.7s    30.30nm          4.9mb
                 eS    57 18.90
BIP    22.31  35 eP    53 28.50   3.7X
MAP    22.96  27 eP    53 31.00  -0.2
ASPA   23.45 127 iPd   53 35.50  -0.5
       0.8s   149.70nm          5.6mb
     Z 23s      2.10um        4.5MszX
                 ipP   53 44.20  31km
                 iS    57 52.20
PLP    24.15  28 eP    53 44.00   1.2
PGP    24.77  17 eP    53 51.00   2.2
NNT    26.62 328 eP    54 08.00   2.0
BAG    27.44  15 eP    54 24.00  10.2X
NST    29.08 332 eP    54 28.50   0.2
LOE    29.96 337 eP    54 35.00  -1.2
BDT    30.97 332 eP    54 44.00  -1.1
       1.0s   207.00nm          5.9mb
CHTO   32.37 333 ePc   54 57.20  -0.2
       0.9s    46.25nm          5.4mb
CTA    32.89 111 iP    55 02.50   0.5
PMG    33.05  91 eP    55 09.00   5.6X
STKA   33.60 134 eP    55 07.20  -0.8
       0.8s    50.00nm          5.5mb
KMI    36.80 343 P+    55 36.00   0.4
       1.0s    50.00nm          5.3mb
     Z 14s      4.00um        5.4MszX
     N 14s      3.30um
     E 14s      3.30um
                 pP    55 45.20  31km
                 sP    55 50.00
                 eS    01 18.00
                 sS    01 32.00
                 ScS   05 53.00
TOO    39.45 139 eP    55 58.00   0.5
ARMA   40.58 125 iPc   56 08.70   1.7
       0.9s    17.00nm          4.8mb
CAN    40.66 133 eP    56 07.00  -0.5
                 i     56 18.20  40kmX
CNB    40.92 133 eP    56 10.40   0.8
       1.3s    43.00nm          5.0mb
SSE    41.82  10 Pc    56 17.70   0.8
       1.2s    27.00nm          4.9mb
GBA    43.06 303 P     56 26.20  -1.1
       0.9s     5.00nm          4.2mb X
HYB    44.28 308 eP    56 36.00  -1.2
                 eS    03 06.00
ODAN   44.89 326 P     56 41.34  -0.9
       0.4s    66.00nm          5.9mb
TAPN   45.10 327 P     56 43.72  -0.3
       0.7s    56.00nm          5.6mb
RAMN   45.40 325 P     56 46.44   0.1
       0.6s    23.00nm          5.3mb
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JIRN   46.18 326 P     56 51.96  -0.7
       0.7s   105.00nm          5.9mb
GUN    46.54 325 P     56 54.38  -1.1
       0.7s   146.00nm          6.1mb
PKI    46.55 325 P     56 53.98  -1.5
       0.4s    38.00nm          5.8mb
DMN    46.75 324 P     56 55.92  -1.1
       0.6s   102.00nm          6.0mb
KKN    46.79 325 P     56 55.98  -1.3
       0.7s    99.00nm          5.9mb
LZH    47.08 349 P     56 59.50   0.2
       1.6s    82.00nm          5.5mb
     Z 15s      2.77um        5.3MszX
     N 13s      1.73um
                 pP    57 06.00  22km
                 sP    57 09.00
                 ePP   58 50.00
                 eS    03 47.00
                 esS   03 58.00
                 SS    07 05.00
GKN    47.32 324 P     56 59.96  -1.4
       0.7s   111.00nm          6.0mb
KOLN   47.75 323 P     57 03.42  -1.4
       0.7s   239.00nm          6.3mb
DANN   48.09 324 P     57 05.96  -1.6
       0.7s   256.00nm          6.4mb
TKSJ   48.15  23 eP    57 06.50  -1.1
PYUN   48.35 323 P     57 08.38  -1.1
       0.8s   114.00nm          6.0mb
POO    48.60 306 (P)   57 10.50  -0.9
WKYJ   48.97  24 P     57 12.70  -1.3
WKYJ   48.97  24 eP    57 12.80  -1.2
YONJ   49.01  22 P     57 13.10  -1.1
BJI    50.17   3 eP    57 21.00  -1.9
       2.0s    64.00nm          5.3mb
     Z 20s      1.51um         5.0Msz
     N 18s      1.56um
                 ePcP  58 43.50
                 eS    04 30.00
TSRJ   50.27  24 eP    57 23.60  -0.3
DZM    51.82 110 iPc   57 36.90   0.8
MTMJ   51.92  25 eP    57 40.20   3.7X
CHJJ   51.96  26 eP    57 35.00  -1.7
MAT    52.05  25 eP    57 34.00  -3.4X
NDI    52.35 319 eP    57 39.00  -0.8
                 eS    05 10.00
VLA    55.74  16 iPc   58 04.00  -0.4
       1.0s    50.00nm          5.5mb
                 e     58 21.00  65kmX
                 ePPP  01 30.00
                 iS    05 48.00
                 iPS   06 03.00
                 eSS   09 28.00
CSY    55.93 182 iPd   58 11.60   6.2X
       1.0s    12.70nm          4.9mb
ASAJ   60.25  24 eP    58 42.00   6.0X
ZAK    61.12 352 eP    58 41.00  -0.8
       1.4s    28.00nm          5.2mb
CIT    62.07 360 eP    58 49.40   1.1
YSS    62.71  22 eP    58 51.10  -1.4
                 e     58 57.50  21km
IRK    62.86 354 eP    58 52.00  -1.4
     Z 15s      1.09um        5.1MszX
     N 16s      0.84um
     E 18s      0.70um
                 e     59 27.00 146kmX
FRU    63.78 329 eP    59 01.00   1.3
       3.0s   300.00nm          5.9mb
                 e     59 34.00 137kmX
BOD    67.94   0 eP    59 22.00  -4.0X
MAIO   68.85 315 iPc   59 31.20  -1.1
ASH    70.48 316 eP    59 42.00  -0.1
BRVK   73.14 334 eP    59 56.00  -1.7
     Z 20s      0.67um         4.9Msz
     N 22s      0.53um
     E 20s      0.47um
                 eS    09 17.00
YAK    73.21   8 eP    59 56.20  -1.6
       1.0s   191.00nm          6.1mb
                 eS    09 19.00
NAI    76.80 271 eP    00 22.00   2.2
     Z 22s      0.78um         5.0Msz
TAB    79.02 312 eP    00 31.00  -0.4
SPA    79.74 180 eP    00 34.00  -0.7
       1.0s     2.00nm          4.1mb X
     Z 14s      0.33um        4.8MszX
SVE    79.80 333 iPc   00 36.00   1.1
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       1.3s   100.00nm          5.7mb
     Z 20s      1.00um         5.2Msz
     N 20s      0.40um
     E 20s      0.60um
                 e     00 48.00  40kmX
                 e     03 35.00
                 eS    10 36.00
BFT    79.86 246 eP    00 45.00   8.8X
SLR    81.43 245 iPc   00 45.00   0.5
       1.0s    50.00nm          5.5mb
GRO    81.50 317 eP    00 47.00   2.8X
       1.0s   110.00nm          5.8mb
KSR    82.65 245 eP    00 51.50   0.7
       1.0s    50.00nm          5.6mb
BLF    82.83 242 eP    00 51.70   0.0
HVD    83.22 240 eP    00 39.00 -14.7X
PYA    83.52 317 eP    00 55.50   0.8
                 eS    11 20.00
BOSA   83.57 242 iPc   00 57.00   1.7
SNA    88.76 198 iPc   01 19.70  -0.3
       0.5s    11.00nm          5.4mb
MOS    90.70 327 eP    01 31.00   1.8
                 e     01 47.00  55kmX
                 e     05 08.00
OBN    91.07 326 iPd   01 32.20   1.3
       1.6s    64.00nm          5.7mb
                 e     12 22.00
ILT    91.34  20 iPd   01 33.00   1.1
WIN    92.03 247 eP    01 37.00   0.7
       0.5s    23.00nm          5.9mb
BCAO   95.78 273 iPc   01 54.90   1.4
       0.4s    10.00nm          5.6mb
KAF    97.79 332 iP    02 02.10   0.6
       0.8s     7.50nm          5.3mb
IMA   100.46  24 (Pdiff02 14.91   1.2
       0.8s     1.86nm          4.7mb
BSF   108.88 317 ePKP  06 56.70   0.2
       0.9s     3.60nm
LPG   109.11 315 ePKP  06 58.00   0.7
HAU   109.16 317 ePKP  06 57.50   0.5
       0.6s     2.70nm
SSF   111.18 316 ePKP  07 01.50   0.7
       1.0s     5.60nm
BGF   111.70 316 ePKP  07 02.80   1.0
       0.8s     5.90nm
LPF   114.06 318 ePKP  07 06.90   0.6
       1.2s    10.70nm
KIC   118.96 272 PKP   07 17.00   0.4
       1.2s    15.50nm
LIC   119.22 271 PKP   07 17.38   0.3
       0.9s     7.00nm
LKO   120.20 275 PKP   07 19.32   0.3
       0.9s    12.50nm
GSC   127.97  53 ePKP  07 36.24   2.8X
RSSD  133.21  37 ePKP  07 44.08   0.8
                 epPKP 07 52.32
JFWS  141.44  28 (PKP) 07 59.72   1.4
                 e     08 09.75
WMOK  141.74  45 ePKP  07 55.58  -3.6X
GAC   143.90  11 ePKP  08 03.00   0.6
TYS   144.54  34 ePKP  08 02.83  -1.0
                 ipPKP 08 10.94
LMN   144.58 358 ePKP  08 03.00  -0.6
       1.0s    17.00nm
ACTO  144.78  17 PKP   08 03.84  -0.2
WLVO  144.94  15 PKP   08 04.50   0.2
FVM   145.01  34 ePKP  08 03.37  -1.2
                 epPKP 08 12.24
RSNY  145.18  10 ePKP  08 04.68   0.0
                 epPKP 08 12.70
TYNO  145.30  17 PKP   08 05.15   0.2
MIAR  145.38  42 ePKP  08 05.85   0.5
STCO  145.40  17 PKP   08 05.30   0.2
LBNH  145.87   7 ePKP  08 07.32   1.4
YSNY  146.25  16 ePKP  08 08.61   2.0
ITR   146.33 237 ePKP  08 08.70   1.2
                 i     08 09.30
BINY  147.15  13 ePKP  08 09.95   1.9
                 ePKPbc08 11.74
                 e     08 19.09
HRV   147.63   7 (PKP) 08 10.10   1.4
                 ePKPbc08 12.85
                 e     08 20.10
LSCT  148.20  10 (PKP) 08 11.98   2.3
                 iPKPbc08 14.51
                 e     08 21.34
BAO   148.43 215 ePKP  08 12.00   1.1
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                  e      08 15.30
MOCB  148.61 181 PKP     08 13.50    1.9
NAV   150.15  23 ePKP    08 14.67    1.8
                 iPKPbc08 18.88
                 e       08 24.71
BLA   150.39  23 ePKPc   08 12.07   -1.2
                 ePKPbc08 18.79
CVL   150.40  20 ePKP    08 12.57   -0.6
                 ePKPbc08 19.79
                 e       08 25.92
CEH   152.05  22 ePKP    08 23.47    7.7X
CCH   152.47 181 PKP     08 26.70    9.5X
JSC   152.54  27 ePKP    08 18.35    1.9
                 ePKPbc08 24.89
                 e       08 31.70
LHS   152.58  27 ePKP    08 18.00    1.5
                 iPKPbc08 24.81
ARE   152.91 169 ePKP    08 35.00   17.2X
LPB   153.26 176 PKP     08 28.00    9.5X
LPAZ  153.50 176 PKP     08 20.80    1.7
     S.D. = 1.2  on 117 of 142 obs.
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? JUN  13, 1994  23h 02m 45.91± 0.83s
  14.650 N ±15.0km   54.401 E ±13.3km
  DEPTH =  10.0km  (geophysicist)
  4.5mb ( 16 obs.)
 ARABIAN SEA                      (417)

KER    20.69 343 ePc     07 28.50   -0.5
MAIO   22.04  11 eP      07 42.00   -0.5
OBN    42.67 345 iPd     10 46.00    1.8
       1.0s     17.00nm           4.7mb
GEC2   47.67 324 P       11 24.80    0.3
       1.0s      0.86nm           3.8mb
                 e       11 29.50
                 e       13 55.80
                 e       14 03.80
                 e       14 09.60
KHC    47.89 325 eP      11 25.50   -0.6
       1.0s      3.50nm           4.4mb
                 e       11 32.50
                 e       14 05.50
LPG    50.41 318 eP      11 46.10    0.2
       0.8s      4.05nm           4.4mb
LPL    50.43 318 eP      11 46.00    0.0
       0.8s      4.15nm           4.4mb
CDF    51.23 321 eP      11 51.70   -0.1
       1.0s      6.60nm           4.5mb
BSF    51.29 320 eP      11 52.10   -0.2
       0.7s      2.55nm           4.3mb
LBF    52.74 318 eP      12 03.30    0.1
       1.0s     10.60nm           4.7mb
LOR    52.92 319 eP      12 04.60    0.1
       1.0s      7.60nm           4.6mb
SSF    53.07 318 eP      12 05.70    0.1
       0.9s      4.90nm           4.4mb
AVF    53.08 318 eP      12 05.40   -0.2
       0.7s      1.85nm           4.1mb
BGF    53.33 318 eP      12 08.00    0.5
       0.7s      7.05nm           4.7mb
MAF    53.41 317 eP      12 08.20    0.1
LDF    55.88 319 eP      12 25.70   -0.4
       1.1s     12.95nm           4.9mb
FLN    56.16 319 eP      12 27.70   -0.4
       1.1s      6.85nm           4.6mb
LPF    56.30 318 eP      12 28.80   -0.3
       1.0s      8.80nm           4.7mb
WRA    85.76 112 P       15 27.10    0.0
       0.7s      0.60nm           3.9mb
     S.D. = 0.6  on  19 of  19 obs.
------------------------------------
? JUN  13, 1994  23h 58m 26.14± 5.94s
  17.975 N ±30.3km   65.695 W ±39.5km
  DEPTH =  24.6 ± 10.7 km
 PUERTO RICO REGION               ( 90)
   MD 3.5 (MPR).

CPD     0.22 287 iP+     58 31.48   -0.6
LPR     0.37 333 iP+     58 34.03   -0.2
SJG     0.45 288 iPd     58 35.17   -0.4
                 S       58 41.15
CLLP    0.85 277 iP      58 42.12    0.1
                 S       58 52.63
PNP     0.94 275 iPd     58 43.79    0.1
                 S       58 55.74
APR     1.09 296 iP      58 46.55    0.7
                 S       58 59.35

LRS     1.14 286 iP      58 47.00    0.4
                 S       59 00.88
MGP     1.33 272 P       58 49.00   -0.2
     S.D. = 0.6  on   8 of   8 obs.
------------------------------------
& JUN  13, 1994  23h 59m 00.77s
  61.544 N            151.965 W
  DEPTH = 125.5km
 SOUTHERN ALASKA                  (  2)
      &lt;AEIC&gt;.

CP2     0.31 205 eP      59 18.36    1.1
CKN     0.34 198 eP      59 18.19    1.0
CKT     0.36 199 eP      59 18.06   -0.9
SPU     0.37 187 eP      59 18.08   -0.9
                 eS      59 31.96
BKG     0.50 197 iP      59 18.94   -0.7
                 eS      59 33.00
NKA     0.88 156 eP      59 23.96    1.6
RDT     1.00 193 eP      59 22.87   -0.8
PWA     1.00  83 P       59 24.40    0.8
DFR     1.02 200 eP      59 23.04   -0.8
                 eS      59 40.00
REF     1.12 199 eP      59 24.30   -0.7
                 eS      59 41.94
RS2     1.15 200 eP      59 24.68   -0.6
RSO     1.15 200 eP      59 24.61   -0.7
CUT     1.18  42 eP      59 25.68    0.4
PMS     1.20 103 P       59 26.40    0.8
RED     1.20 200 eP      59 24.82   -0.8
SLKM    1.34 140 eP      59 27.25    0.1
PLRM    1.36  87 eP      59 27.53    0.3
PMR     1.36  87 eP      59 26.20   -1.1
GHO     1.47  80 eP      59 28.92    0.3
NNL     1.54 167 eP      59 30.39    1.0
INE     1.58 200 eP      59 28.90   -1.2
KNK     1.69  93 eP      59 31.50    0.3
SML     1.75  80 eP      59 32.39    0.4
HUR     1.80  36 eP      59 32.51    0.0
                 eS      59 56.91
SVW     1.82 258 P       59 30.10   -2.6
BRLK    1.86 163 eP      59 34.57    1.3
HOM     1.90 175 eP      59 34.67    1.0
SEW     1.90 138 eP      59 33.81    0.2
OPT     2.00 199 eP      59 34.30   -0.7
CNPM    2.06 170 eP      59 34.91   -0.8
PDB     2.08 213 eP      59 34.64   -1.2
SCM     2.23  80 eP      59 38.98    1.1
AUL     2.29 199 eP      59 37.85   -0.7
AUE     2.30 198 eP      59 37.73   -1.0
AUP     2.30 199 eP      59 38.06   -0.8
AUH     2.31 199 eP      59 38.18   -0.7
TTA     2.35 308 P       59 36.90   -2.6
LTI     2.52 125 eP      59 40.56   -1.0
MCK     2.60  31 eP      59 43.42    0.7
DHY     2.64  52 eP      59 43.32    0.0
MCNL    2.64 208 eP      59 42.34   -0.9
VZW     2.66  98 eP      59 43.13   -0.3
VLZ     2.75  96 P       59 44.00   -0.5
CDD     2.75 198 eP      59 43.44   -1.2
FID     2.78 104 eP      59 43.78   -1.2
TOA     2.81  76 P       59 46.50    1.1
KLU     2.90  88 eP      59 48.26    1.7
HIN     2.90 111 eP      59 46.17   -0.4
SYI     2.95 184 eP      59 45.82   -1.4
SDG     3.18  69 eP      59 52.72    2.4
CVA     3.18 106 eP      59 50.43    0.2
NEA     3.32  22 eP      59 49.55   -2.5
PAX     3.36  62 eP      59 53.49    0.8
WRH     3.43  29 eP      59 52.58   -1.0
MLY     3.54   8 eP      59 53.56   -1.6
DDM     3.60  49 eP      59 57.98    2.0
CCB     3.64  29 eP      59 55.94   -0.5
HDA     3.67  36 eP      59 56.22   -0.6
MDM     3.82  25 eP      59 57.97   -0.9
GLB     3.91  88 eP      00 01.41    1.3
IL1     3.97  33 eP      59 59.86   -1.0
ILB     3.97  33 eP      59 59.78   -1.1
IM3     4.53 351 eP      00 06.33   -2.0
IMA     4.61 351 eP      00 06.70   -2.9
BM3     6.70  25 eP      00 35.84   -2.1
           65 obs. associated
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? JUN  14, 1994  00h 37m 48.51± 0.76s
  10.461 S ±12.5km  113.575 E ±10.6km
  DEPTH =  33.0km  (normal)
  4.4mb (  3 obs.)

 SOUTH OF JAWA, INDONESIA         (282)

KHKI    2.89  44 eP      38 33.20   -0.1
                 eS      39 09.00
                 e       43 33.00
LEM     6.91 301 ePd     39 30.00   -0.3
NANU   12.18 171 eP      40 36.30   -6.3X
        0.3s      6.00nm          5.2mb X
                 eS      42 43.00
MBL    12.22 151 eP      40 36.00   -7.2X
                 iS      42 41.00
WB2    22.13 118 eP      42 42.60   -0.5
        0.6s      4.50nm          4.1mb
ASPA   23.41 127 iPd     42 55.90    0.3
        0.8s     21.90nm          4.7mb
                 eS      47 13.30
STKA   33.54 134 eP      44 27.30   -0.2
        1.9s     10.70nm          4.4mb
MIAR  145.51  42 ePKP    57 26.13    0.7
LPAZ  153.37 176 PKP     57 50.10   11.4X
     S.D. = 0.6  on   6 of   9 obs.
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& JUN  14, 1994  00h 40m 56.99s
  59.856 N            152.710 W
  DEPTH =  99.5km
 SOUTHERN ALASKA                  (  2)
      &lt;AEIC&gt;.

INE     0.27 319 eP      41 11.25    1.0
                 eS      41 22.62
OPT     0.33 232 eP      41 11.07   -0.9
                 eS      41 22.56
RED     0.57 357 eP      41 12.70   -0.9
                 eS      41 24.99
HOM     0.58 110 eP      41 13.19   -0.3
AUL     0.60 218 eP      41 12.97   -0.8
AUE     0.60 214 eP      41 12.72   -1.0
RSO     0.61 358 eP      41 13.37   -0.7
                 eS      41 26.65
RS2     0.61 358 eP      41 13.40   -0.7
                 eS      41 26.16
AUP     0.61 216 eP      41 13.03   -0.9
AUH     0.62 217 eP      41 13.19   -0.8
REF     0.64   0 eP      41 13.56   -0.7
                 eS      41 26.40
AUI     0.64 215 eP      41 13.45   -0.6
                 eS      41 25.53
XLV     0.64 128 eP      41 13.40   -0.7
NNL     0.74  75 iP      41 15.33    0.4
RDT     0.74  12 eP      41 14.12   -0.9
DFR     0.74   1 iP      41 14.30   -0.8
                 eS      41 28.09
PDB     0.75 265 eP      41 14.04   -1.0
                 eS      41 27.29
CNPM    0.82 113 iP      41 15.08   -0.7
                 eS      41 29.37
BRLK    0.93  95 eP      41 16.29   -0.6
CDD     1.04 208 eP      41 17.93   -0.3
                 eS      41 33.51
MCNL    1.07 232 eP      41 17.18   -1.2
NKA     1.15  39 eP      41 20.53    1.2
BKG     1.24  10 iP      41 19.77   -0.7
SYI     1.26 172 eP      41 19.46   -1.2
SPU     1.37  13 eP      41 21.14   -0.9
CKT     1.37  10 eP      41 21.22   -0.9
CKN     1.40  11 eP      41 21.71   -0.7
SLKM    1.41  61 eP      41 21.21   -1.3
CP2     1.43   9 eP      41 21.80   -1.2
SEW     1.66  80 eP      41 24.31   -1.2
SVW     1.91 312 eP      41 26.46   -2.5
PMS     2.09  47 P       41 30.30   -1.0
PTE     2.09  59 eP      41 30.49   -0.7
KDC     2.12 177 eP      41 28.10   -3.5
PWA     2.27  36 P       41 33.60   -0.1
LTI     2.45  84 eP      41 34.54   -1.5
PLRM    2.48  44 eP      41 36.37    0.0
PMR     2.48  44 eP      41 34.85   -1.5
MTU     2.55  85 eP      41 36.55   -0.9
KNK     2.61  51 eP      41 36.44   -1.8
GHO     2.67  42 eP      41 37.56   -1.6
CUT     2.82  24 eP      41 40.64   -0.4
SML     2.90  46 eP      41 40.17   -2.1
HIN     3.15  77 eP      41 43.45   -2.2
FID     3.23  71 eP      41 44.10   -2.5
VZW     3.28  66 eP      41 46.10   -1.3
SCM     3.30  51 eP      41 45.88   -1.8
VLZ     3.41  65 eP      41 47.87   -1.1
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14d 00h

CVA 3.54 76 eP 41 49.06 -1.8
49 obs. associated

& JUN 14, 1994 01h 21m 19.11s
36.083 N 117.867 W
DEPTH = 0.0km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.2 (PAS), 3.4 (GS).

CSSM 0.10 125 P 21 21.54 0.5
VPEM 0.14 163 P 21 22.00 0.1
WCHM 0.26 220 P 21 24.44 0.1
TOW 0.29 163 P 21 25.72 0.9
WLHM 0.37 281 P 21 26.53 0.1
WWPM 0.39 207 P 21 27.19 0.3
WSHM 0.54 146 P 21 30.05 0.1
WHFM 0.55 226 P 21 30.11 0.0
ISA 0.65 230 eP 21 31.61 -0.4
WASM 0.66 239 P 21 31.93 -0.3
XMS 0.70 143 P 21 33.16 0.1
WJPM 0.84 217 P 21 35.47 -0.3
WOFM 0.88 232 P 21 35.88 -0.8
TEJ 1.08 218 P 21 40.00 -0.4
BMTC 1.12 212 P 21 39.99 -1.1
GSC 1.16 132 ePc 21 40.80 -1.1
TPO 1.24 194 P 21 42.75 -0.3
TJR 1.27 214 P 21 43.27 -0.4
FLSC 1.30 148 P 21 45.68 1.3
FOXC 1.38 193 P 21 45.16 -0.4
MTUM 1.39 336 eP 21 45.09 -0.6
CWCR 1.45 346 P 21 47.65 0.8
SWM 1.48 203 P 21 47.81 0.6
QAL 1.50 208 P 21 48.88 1.4
TPNV 1.56 56 eP 21 47.23 -1.2
MARC 1.61 229 P 21 49.40 0.4
ABL 1.65 222 eP 21 49.24 -0.5
MRCM 1.67 342 eP 21 50.36 0.5
LOK 1.68 217 P 21 51.27 1.1
CRGC 1.73 242 P 21 51.43 0.7
FRI 1.74 302 P 21 51.16 0.4
MMPM 1.79 329 eP 21 51.93 0.2
MEMM 1.80 332 eP 21 52.51 0.9
PKEM 1.82 270 eP 21 52.88 1.0
YEG 1.82 250 P 21 52.75 0.7
SSK 1.87 176 eP 21 51.71 -1.2
BNPN 1.93 350 P 21 55.74 1.9
PAGM 1.97 260 P 21 54.75 0.7
PARM 2.01 275 P 21 55.75 1.0
BCH 2.02 244 eP 21 54.53 -0.4
PHAM 2.07 264 eP 21 55.59 0.0
PCRM 2.08 271 P 21 56.56 0.9
SCCM 2.20 239 P 21 59.09 1.6
GRP 2.24 124 P 21 56.40 -1.8
WWR 2.31 154 P 22 02.05 2.9
BMSM 2.43 285 P 22 02.05 1.2
TPC 2.47 142 P 22 00.58 -0.8
BRMM 2.50 288 P 22 03.70 2.0
PNMC 2.70 140 P 22 03.69 -1.0
CMB 2.80 315 eP 22 08.47 2.3
PAPM 2.84 268 P 22 06.59 -0.1
MCUM 2.90 311 P 22 10.60 3.2
SAO 2.96 284 eP 22 07.32 -1.0
ARN 3.20 294 eP 22 12.72 1.0
CSTL 3.30 299 P 22 20.48 7.4
MSU 5.15 60 (Pg) 22 49.48 9.9
SRU 6.57 60 (Pg) 23 17.47 17.9
57 obs. associated

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* JUN 14, 1994 01h 26m 08.47± 0.37s
10.758 S ± 9.6km 113.065 E ±14.1km
DEPTH = 10.0km (geophysicist)
4.7mb (7 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.65 306 ePd 28 18.50 29.7X
NANU 11.97 169 eP 29 01.20 -1.0
0.3s 18.00nm 5.9mb X
eS 31 10.00
MRWA 18.57 172 eP 30 28.30 0.8
0.4s 12.00nm 4.4mb
eS 33 43.00
MUN 21.32 173 eP 31 05.20 7.4X
WOOL 21.77 160 iPc 31 08.80 6.5X
WB2 22.44 117 eP 31 08.10 -1.1
0.7s 8.30nm 4.3mb
ASPA 23.64 126 iPd 31 21.20 0.3
0.5s 11.00nm 4.7mb
eS 35 41.80
STKA 33.70 133 iPc 32 52.70 0.7
0.7s 8.40nm 4.8mb
KMI 37.06 344 eP 33 25.60 4.7X
0.8s 10.00nm 4.6mb
ODAN 44.94 327 P 34 25.32 -0.6
0.6s 20.00nm 5.2mb
TAPN 45.16 328 P 34 28.10 0.4
0.5s 15.00nm 5.2mb
RAMN 45.44 326 P 34 30.22 0.4
JIRN 46.22 326 P 34 35.86 -0.3
0.5s 30.00nm 5.5mb X
PKI 46.59 325 P 34 39.32 0.3
GUN 46.59 326 P 34 39.18 0.1
DMN 46.78 325 P 34 39.76 -0.7
KKN 46.83 326 P 34 41.42 0.7
KOLN 47.76 324 P 34 47.34 -0.8
0.7s 44.00nm 5.7mb X
PYUN 48.37 324 P 34 52.68 -0.2
MIAR 146.07 42 ePKP 45 50.97 1.0
S.D. = 0.7 on 16 of 20 obs.

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* JUN 14, 1994 01h 48m 18.83± 0.40s
10.547 S ±10.7km 113.389 E ±14.5km
DEPTH = 30.5km (4 depth phases)
5.1mb (13 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.80 302 ePc 50 00.00 0.7
eS 51 13.00
NANU 12.12 171 eP 51 07.70 -4.7X
0.3s 17.00nm 5.8mb
eS 53 13.00
MRWA 18.74 173 eP 52 35.00 -2.5
0.4s 11.00nm 4.4mb
eS 55 51.00
COOL 21.48 162 eP 53 08.00 0.9
MUN 21.49 173 eP 53 14.00 6.9X
WOOL 21.86 161 iPc 53 11.80 1.0
i 53 20.60 32km
WB2 22.25 117 eP 53 14.20 -0.7
0.4s 10.20nm 4.6mb
eS 57 12.60
ASPA 23.51 126 iPd 53 27.40 0.2
0.8s 25.80nm 4.8mb
Z 19s 0.60um 4.1Msz
i 53 35.50 29km
iS 57 43.30
BDT 31.06 333 eP 54 35.00 -1.5
1.0s 34.50nm 5.1mb
STKA 33.61 133 eP 54 59.30 0.5
1.2s 21.70nm 4.9mb
KMI 36.94 344 P+ 55 28.00 0.6
1.2s 20.00nm 4.8mb
pP 55 35.00 24km
HYB 44.24 309 eP 56 30.50 3.0X
ODAN 44.94 326 P 56 34.84 1.5
0.8s 29.00nm 5.2mb
TAPN 45.16 327 P 56 35.24 0.1
RAMN 45.45 326 P 56 39.34 2.0
JIRN 46.23 326 P 56 42.92 -0.7
GUN 46.59 326 P 56 45.48 -1.0
PKI 46.59 325 P 56 46.17 -0.3
DMN 46.80 325 P 56 47.52 -0.5
KKN 46.84 325 P 56 48.30 0.1
LZH 47.25 349 eP 56 56.50 5.2X
2.0s 53.00nm 5.2mb
Z 14s 0.61um 4.7MszX
N 13s 0.54um
pP 57 07.50 38km
GKN 47.36 325 P 56 51.30 -1.0
0.3s 11.00nm 5.4mb
KOLN 47.78 324 P 56 55.13 -0.6
0.6s 28.00nm 5.4mb
PYUN 48.39 323 P 56 59.97 -0.4
0.9s 45.00nm 5.5mb
BJI 50.39 3 eP 57 14.50 -0.8
1.0s 6.00nm 4.5mb
Z 20s 0.60um 4.6Msz
MAIO 68.84 316 eP 59 29.00 6.2X
FVM 145.32 34 (PKP) 07 56.35 0.7
e 08 02.98
RSNY 145.44 10 ePKP 07 54.47 -1.2
e 08 03.75
MIAR 145.70 42 ePKPc 07 57.86 1.4
e 08 04.40
ITR 146.02 237 ePKP 07 59.00 1.5
BINY 147.42 13 (PKP) 08 03.74 4.8X
NAV 150.44 23 (PKP) 08 10.17 6.3X
e 08 17.70
CVL 150.68 19 (PKP) 08 10.92 6.8X
LPAZ 153.30 177 PKP 08 16.00 6.7X
S.D. = 1.1 on 25 of 34 obs.

% JUN 14, 1994 01h 53m 25.95± 0.59s
46.781 N ± 6.9km 1.226 E ± 5.3km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.1 (LDG).

LSF 0.57 158 Pg 53 36.90 -0.6
Sg 53 45.30
TCF 0.84 126 Pg 53 41.70 -0.5
Sg 53 52.80
MFF 0.96 260 Pg 53 42.40 -1.8
Sg 53 55.50
MAF 1.08 121 Pg 53 45.80 -0.5
Sg 54 00.40
HYF 1.08 63 Pg 53 45.00 -1.3
Sg 53 58.40
BGF 1.14 101 Pg 53 46.40 -0.9
Sg 54 01.30
AVF 1.46 89 Pg 53 52.30 0.0
Sg 54 09.90
SSF 1.59 79 Pg 53 53.40 -0.8
Sg 54 13.50
SMF 1.80 93 Pg 53 58.30 1.0
Sg 54 20.90
LOR 1.87 74 Pg 53 58.50 0.3
Sg 54 22.40
LBF 1.90 83 Pg 54 00.20 1.5
Sg 54 23.60
CAF 1.95 162 Pg 54 01.70 2.3
Sg 54 27.50
LPF 1.98 310 Pg 54 00.70 0.8
Sg 54 24.00
LDF 2.03 334 Pg 54 00.30 -0.3
Sg 54 25.20
GRR 2.14 319 Pg 54 03.00 0.9
Sg 54 29.40
S.D. = 1.2 on 15 of 15 obs.

JUN 14, 1994 02h 04m 11.40± 0.76s
43.844 N ± 2.5km 127.942 W ± 7.0km
DEPTH = 10.0km (geophysicist)
4.2mb (9 obs.)
OFF COAST OF OREGON (30)

RNO 3.04 87 P 04 59.58 -0.9
MPOR 3.23 77 P 05 01.01 -2.2
DBO 3.50 100 P 05 05.40 -1.6
HSO 3.53 93 P 05 06.31 -1.2
TKO 3.55 63 P 05 07.05 -0.7
FBO 3.89 81 P 05 12.48 -0.2
NLO 3.90 53 P 05 12.56 -0.1
BBOR 3.95 102 P 05 12.45 -1.1
SSOR 4.06 74 P 05 15.10 0.1
WPO 4.06 63 P 05 15.34 0.5
HBO 4.07 88 P 05 14.76 -0.4
ONR 4.22 43 P 05 16.91 -0.3
PGO 4.24 66 P 05 18.22 0.8
BMW 4.25 50 ePc 05 16.96 -0.7
GT2 4.26 70 P 05 18.11 0.2
RVW 4.35 56 P 05 19.00 0.0
LVP 4.51 59 P 05 21.68 0.2
BPO 4.57 78 P 05 22.08 -0.2
TCO 4.59 85 P 05 22.12 -0.5
MTMW 4.62 60 P 05 23.22 0.3
TDH 4.63 70 P 05 23.34 0.2
ERK 4.67 56 P 05 23.52 -0.2
SHW 4.68 58 eP 05 24.46 0.6
HSR 4.70 58 P 05 24.95 0.7
JLK 4.71 59 P 05 24.75 0.5
VBEM 4.71 73 P 05 24.49 0.2
REMW 4.71 58 P 05 25.02 0.6
ESD 4.73 58 P 05 25.29 0.6
VLL 4.75 68 P 05 25.34 0.4
CDFW 4.76 59 P 05 25.30 0.4
SOSW 4.76 58 P 05 25.53 0.5
TDL 4.77 56 P 05 25.38 0.3
APM 4.84 65 P 05 26.50 0.4
VFP 4.86 70 P 05 26.46 0.1
LMW 4.89 53 P 05 26.56 -0.2
OSD 4.96 35 P 05 27.27 -0.6

GULW 4.97 63 P 05 27.96 0.1
ASR 5.06 61 P 05 29.48 0.3
CROR 5.11 75 P 05 28.87 -1.0
GHW 5.11 49 P 05 29.86 0.0
LBFM 5.12 117 eP 05 42.47 12.4X
LON 5.21 54 iPc 05 31.39 0.1
REMR 5.23 53 P 05 31.81 0.1
GLK 5.24 57 P 05 32.12 0.4
VIPM 5.31 80 P 05 31.71 -1.1
RCS 5.32 53 P 05 33.01 -0.1
WPW 5.34 55 P 05 33.45 0.3
VGB 5.38 69 eP 05 33.59 0.0
FMW 5.39 53 P 05 33.74 -0.2
GSM 5.47 50 P 05 35.22 0.2
RMW 5.62 48 eP 05 37.09 0.0
NAC 5.79 58 P 05 40.07 0.6
OHW 5.85 38 P 05 40.38 0.2
HTW 5.85 45 P 05 39.91 -0.4
TWW 5.96 54 P 05 42.77 0.9
MCW 5.99 34 eP 05 42.36 0.1
JBO 6.00 72 P 05 41.67 -0.8
EBG 6.03 57 P 05 43.10 0.3
JCW 6.04 42 P 05 42.88 0.0
MXC 6.05 61 P 05 43.35 0.2
TBM 6.14 55 P 05 45.08 0.7
RPW 6.41 42 P 05 47.87 -0.4
ORV 6.45 129 eP 05 49.11 0.4
ETW 6.52 52 P 05 49.78 -0.1
CRF 6.73 61 P 05 52.63 0.0
JEGM 7.57 145 eP 06 00.01 -4.4X
ARN 8.11 141 eP 06 12.12 0.1
CMB 8.15 133 eP 06 12.04 -0.5
NEW 8.73 56 eP 06 19.05 -1.5
MMPM 9.19 130 (P) 06 28.17 0.9
MEMM 9.20 129 eP 06 30.06 3.0X
TNP 9.94 122 eP 06 37.84 0.3
0.8s 6.61nm 5.1mb
ISA 10.94 135 eP 06 50.03 -1.0
0.8s 7.14nm 5.1mb
LRM 11.18 74 eP 06 53.90 -0.6
TPNV 11.26 124 eP 06 55.66 0.2
GSC 12.10 131 eP 07 07.35 0.5
CSP 12.58 136 (P) 07 14.23 0.9
MSU 13.01 109 eP 07 23.75 4.6X
BW06 13.44 88 eP 07 25.91 1.1
0.8s 4.40nm 4.5mb
SRU 13.88 104 eP 07 34.47 3.8X
RSSD 17.20 81 (P) 08 14.94 1.5
1.3s 17.18nm 4.0mb
GOL 17.32 96 (P) 08 15.97 0.9
0.9s 6.01nm 3.7mb
ALQ 18.79 111 eP 08 33.65 0.5
1.4s 10.42nm 3.9mb
YKA 20.24 18 eP 08 48.70 -0.5
0.6s 2.90nm 3.8mb
Z 16s 0.08um 3.2MszX
LR 18 24.00
ULM 22.65 62 eP 09 18.00 4.3X
WMOK 24.23 102 eP 09 29.36 0.2
0.8s 15.20nm 4.7mb
MEO 24.35 102 iPd 09 31.10 0.8
TUL 25.79 97 iPd 09 46.60 2.5X
LPAZ 80.97 123 P 16 25.10 -3.3X
GEC2 81.76 24 P 16 30.10 -1.4
0.8s 0.55nm 3.7mb
PcP 16 37.10
S.D. = 0.7 on 82 of 90 obs.

% JUN 14, 1994 02h 11m 08.58± 1.58s
33.339 S ± 6.3km 70.686 W ± 9.6km
DEPTH = 59.3 ± 21.6 km
CHILE-ARGENTINA BORDER REGION (127)

PEL 0.19 0 iPd 11 18.15 0.1
iS 11 26.41
FCH 0.33 88 iP 11 19.15 -0.2
iS 11 27.92
TACH 0.38 214 iP 11 19.37 0.0
iS 11 28.35
ROCH 0.46 323 iPd 11 20.67 0.3
iS 11 30.67
CHCH 0.59 177 iP+ 11 21.33 -0.3
iS 11 31.65
JACH 0.66 7 iP+ 11 22.33 -0.2
iS 11 33.63
LCCH 0.75 259 iPd 11 23.66 0.1
iS 11 35.26
CACH 0.78 175 (P) 11 24.78 0.8
iS 11 36.98
LNV 0.86 224 iP 11 24.31 -0.6
iS 11 37.38
S.D. = 0.5 on 9 of 9 obs.

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* JUN 14, 1994 02h 35m 27.87± 0.39s
10.676 S ± 9.5km 113.305 E ±13.7km
DEPTH = 32.2km (2 depth phases)
5.1mb (19 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.80 304 ePd 37 10.00 1.8
NANU 12.01 170 eP 38 17.00 -2.8
0.3s 11.00nm 5.5mb X
eS 40 19.00
MRWA 18.62 173 eP 39 45.00 0.0
0.3s 5.00nm 4.2mb
eS 42 59.00
WOOL 21.77 160 eP 40 20.00 1.3
iS 44 14.60
WRA 22.26 117 P 40 39.50 15.7X
1.3s 3.20nm
WB2 22.27 117 iPd 40 23.10 -0.8
0.6s 14.00nm 4.6mb
ASPA 23.50 126 iPd 40 37.00 1.1
0.7s 55.50nm 5.2mb
NST 29.25 333 eP 41 30.00 0.7
STKA 33.58 133 eP 42 08.30 1.0
0.6s 12.20nm 5.0mb
KMI 37.04 344 ePc 42 38.60 1.5
1.0s 30.00nm 5.1mb
pP 42 49.40 38km
ODAN 45.00 326 P 43 42.41 -0.2
0.5s 19.00nm 5.2mb
TAPN 45.22 327 P 43 43.63 -0.8
0.5s 12.00nm 5.0mb
RAMN 45.51 326 P 43 46.75 0.1
0.7s 15.00nm 5.0mb
JIRN 46.29 326 P 43 52.71 -0.2
0.6s 25.00nm 5.3mb
PKI 46.65 325 P 43 55.17 -0.6
0.7s 15.00nm 5.1mb
GUN 46.65 326 P 43 55.65 -0.1
0.6s 34.00nm 5.5mb
DMN 46.85 325 P 43 56.95 -0.3
0.8s 32.00nm 5.4mb
KKN 46.89 325 P 43 57.29 -0.2
0.7s 23.00nm 5.3mb
LZH 47.36 350 eP 44 00.00 -1.0
1.4s 34.00nm 5.2mb
pP 44 08.00 27km
sP 44 12.00
GKN 47.42 325 P 44 01.17 -0.4
0.3s 7.00nm 5.2mb
KOLN 47.84 324 P 44 04.37 -0.6
0.5s 25.00nm 5.5mb
DANN 48.18 324 P 44 07.05 -0.7
0.6s 27.00nm 5.4mb
PYUN 48.44 323 P 44 09.27 -0.4
0.5s 10.00nm 5.1mb
BJI 50.53 3 eP 44 22.50 -2.6
1.2s 8.00nm 4.6mb
JFWS 141.89 28 (PKP) 54 59.64 1.2
LMN 144.91 358 ePKP 55 04.00 0.5
1.5s 31.00nm
FVM 145.47 34 ePKP 55 05.07 0.4
e 55 12.42
RSNY 145.58 10 ePKP 55 05.86 1.2
MIAR 145.85 42 ePKP 55 06.54 1.1
e 55 14.51
BINY 147.56 13 ePKP 55 11.84 3.8X
e 55 19.19
BAO 147.96 216 ePKP 55 13.90 4.4X
NAV 150.59 23 ePKP 55 19.33 6.5X
e 55 25.29
CCH 152.11 181 PKP 55 26.70 10.6X
CEH 152.49 22 ePKP 55 23.69 8.0X
PKPbc 55 29.47
LPB 152.93 177 (PKP) 55 22.00 4.7X
JSC 152.99 27 ePKP 55 25.85 9.5X
LHS 153.02 26 (PKP) 55 25.00 8.6X
LPAZ 153.17 177 PKP 55 22.50 4.6X
S.D. = 1.1 on 28 of 38 obs.

& JUN 14, 1994 02h 47m 58.84s
62.118 N 149.740 W
DEPTH = 56.3km
CENTRAL ALASKA (1)
<AEIC>. ML 2.5 (AEIC).

CUT 0.38 320 iP 48 08.86 -0.5
PWA 0.47 188 P 48 10.30 0.0
GHO 0.52 132 eP 48 10.31 -0.6
eS 48 19.40
PLRM 0.60 151 eP 48 11.09 -0.7
eS 48 21.48
PMR 0.60 151 eP 48 10.43 -1.3
SML 0.73 114 eP 48 12.59 -0.9
HUR 0.86 3 eP 48 14.35 -0.8
eS 48 26.24
PMS 0.88 174 P 48 15.40 0.1
KNK 0.94 139 eP 48 15.73 -0.3
SCM 1.17 103 eP 48 18.53 -0.8
RND 1.36 17 eP 48 21.19 -0.7
CRP 1.43 234 P 48 23.70 0.7
SPU 1.45 231 eP 48 23.55 0.4
DHY 1.46 48 eP 48 21.98 -1.4
CP2 1.47 235 eP 48 21.98 -1.6
CKN 1.47 233 P 48 24.70 1.3
CKT 1.49 233 P 48 24.40 0.6
BKG 1.60 230 P 48 25.80 0.5
SLKM 1.63 188 eP 48 25.67 0.0
MCK 1.66 12 eP 48 25.33 -0.8
TOA 1.68 89 P 48 26.60 0.3
VZW 1.86 123 eP 48 28.12 -0.7
VLZ 1.91 120 eP 48 28.41 -1.0
eS 48 52.21
KLU 1.92 107 eP 48 29.07 -0.7
eS 48 51.86
SDG 2.00 76 eP 48 30.88 0.0
RDT 2.01 221 eP 48 31.51 0.5
SEW 2.03 176 eP 48 32.44 1.3
TZL 2.03 90 eP 48 31.55 0.3
FID 2.08 130 eP 48 31.20 -0.8
DFR 2.09 224 eP 48 32.92 0.8
PAX 2.16 65 eP 48 32.74 -0.3
RSO 2.21 223 P 48 37.50 3.6
NNL 2.22 201 eP 48 35.41 1.6
RED 2.25 222 eP 48 35.64 1.3
THY 2.25 53 P 48 35.70 1.4
LTI 2.28 155 eP 48 33.17 -1.5
HIN 2.33 136 eP 48 34.97 -0.5
DDM 2.44 45 eP 48 38.48 1.5
WRH 2.48 17 eP 48 36.29 -1.2
CVA 2.49 128 eP 48 37.43 -0.2
NEA 2.49 7 eP 48 36.41 -1.2
HDA 2.62 28 eP 48 38.29 -1.2
INE 2.62 219 eP 48 40.38 0.7
DJE 2.66 42 eP 48 40.86 0.7
CCB 2.68 18 eP 48 38.87 -1.5
CNPM 2.70 196 eP 48 41.96 1.2
GLB 2.90 101 eP 48 42.26 -1.3
FBA 2.93 16 eP 48 41.90 -2.0
MDM 2.93 13 eP 48 42.54 -1.5
IL1 2.96 24 eP 48 42.75 -1.6
ILB 2.96 24 eP 48 42.74 -1.6
MLY 2.96 352 eP 48 42.92 -1.5
SVW 2.99 253 P 48 42.50 -2.3
OPT 3.00 216 eP 48 47.70 2.6
DOT 3.02 57 eP 48 45.97 0.7
TTA 3.02 288 P 48 45.50 0.2
GLM 3.07 19 eP 48 44.30 -1.7
PDB 3.19 225 eP 48 51.61 3.9
AUL 3.29 215 eP 48 50.47 1.4
AUE 3.29 214 eP 48 50.58 1.5
AUP 3.30 215 eP 48 50.60 1.3
AUH 3.31 215 eP 48 50.99 1.6
AUI 3.33 215 eP 48 51.24 1.7
TMW 3.33 66 P 48 50.70 1.0
BALM 3.70 104 eP 48 52.99 -1.9
SYI 3.76 202 eP 48 54.91 -0.7
BCA3 3.80 72 eP 48 55.87 -0.4
IM3 4.26 337 eP 49 01.01 -1.7
IMA 4.33 338 P 49 02.60 -1.1
BM3 5.76 20 eP 49 21.31 -2.4
70 obs. associated

& JUN 14, 1994 02h 54m 21.04s
58.959 N 151.153 W
DEPTH = 42.2km
KODIAK ISLAND REGION (13)
<AEIC>. ML 3.3 (AEIC).

14d 02h

CNPM 0.57 356 iP 54 32.09 -0.8
eS 54 40.95
XLV 0.58 330 iP 54 31.74 -1.2
eS 54 41.21
SYI 0.73 242 eP 54 33.72 -1.3
HOM 0.75 340 eP 54 34.73 -0.5
BRLK 0.82 10 eP 54 35.81 -0.5
eS 54 47.09
NNL 1.09 356 eP 54 40.00 -0.1
AUE 1.21 290 eP 54 41.00 -0.8
AUI 1.23 289 eP 54 41.20 -0.9
eS 54 57.52
AUP 1.24 290 iPd 54 41.42 -0.8
AUH 1.25 290 eP 54 41.72 -0.7
AUL 1.25 291 eP 54 41.73 -0.6
OPT 1.27 304 eP 54 41.82 -0.9
eS 54 58.92
CDD 1.29 270 eP 54 41.58 -1.4
KDC 1.40 211 iPd 54 42.78 -1.7
SEW 1.44 36 eP 54 44.06 -0.9
INE 1.47 319 eP 54 44.14 -1.5
eS 55 03.37
SLKM 1.62 16 iP 54 46.89 -0.8
MCNL 1.66 279 eP 54 46.34 -1.8
RED 1.68 331 eP 54 46.94 -1.6
eS 55 08.96
RSO 1.71 332 eP 54 47.73 -1.4
RS2 1.71 332 eP 54 47.76 -1.4
REF 1.72 334 eP 54 47.60 -1.6
eS 55 09.96
RDT 1.74 339 eP 54 47.85 -1.5
eS 55 10.44
PDB 1.76 299 eP 54 47.86 -1.8
NKA 1.79 359 eP 54 50.68 0.7
DFR 1.81 335 eP 54 48.82 -1.6
LTI 2.00 56 eP 54 52.21 -0.8
BKG 2.19 346 eP 54 54.23 -1.6
SPU 2.28 349 eP 54 55.52 -1.5
CKT 2.31 347 eP 54 56.01 -1.5
CKN 2.33 348 eP 54 56.68 -1.1
CRP 2.37 348 eP 54 57.23 -1.2
CP2 2.38 347 eP 54 57.14 -1.4
PMS 2.43 18 P 54 58.10 -1.0
HIN 2.77 57 eP 55 02.62 -1.3
PWA 2.77 13 P 55 03.40 -0.6
KNK 2.81 28 eP 55 02.93 -1.6
PLRM 2.83 20 eP 55 03.30 -1.5
PMR 2.83 20 eP 55 02.87 -1.9
FID 2.96 51 eP 55 04.52 -2.2
GHO 3.03 20 eP 55 06.50 -1.3
SVW 3.11 316 eP 55 07.52 -1.3
VZW 3.13 46 eP 55 07.38 -1.7
CVA 3.16 57 eP 55 09.17 -0.4
SML 3.18 25 eP 55 08.78 -1.1
VLZ 3.26 46 eP 55 09.41 -1.4
SCM 3.45 32 eP 55 12.81 -1.0
CUT 3.48 7 P 55 14.10 0.0
KLU 3.64 44 eP 55 14.99 -1.5
TTA 4.63 331 eP 55 27.56 -2.9
BCA3 6.14 44 eP 55 49.88 -1.7
FBA 6.17 13 eP 55 49.12 -2.9
52 obs. associated

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* JUN 14, 1994 03h 28m 26.31± 0.62s
10.632 S ±11.1km 113.412 E ±21.0km
DEPTH = 33.0km (normal)
4.7mb (8 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.86 303 ePd 30 23.60 16.2X
NANU 12.04 171 eP 31 16.00 -2.5
0.3s 14.00nm 5.6mb
eS 33 22.00
MEEK 16.66 164 eP 32 18.00 -1.0
0.3s 9.00nm 4.4mb
eS 35 09.00
MRWA 18.65 173 iPd 32 43.10 -0.6
0.4s 7.00nm 4.2mb
eS 35 57.00
BAL 20.11 172 eP 33 02.50 2.3
COOL 21.39 162 eP 33 14.70 1.3
WOOL 21.77 161 eP 33 18.40 1.3
eS 37 08.30
WB2 22.20 117 eP 33 19.50 -2.0
0.6s 4.40nm 4.1mb
eS 37 01.80
ASPA 23.44 126 iPd 33 35.50 1.8
0.8s 13.70nm 4.5mb
Z 20s 0.10um 3.3Msz
iS 37 53.40
SSE 42.15 10 Pd 36 17.00 -0.4
pP 36 24.50 25kmX
TAPN 45.24 327 P 36 44.58 1.7
JIRN 46.31 326 P 36 51.18 -0.2
GKN 47.44 325 P 36 59.48 -0.7
0.3s 8.00nm 5.3mb
KOLN 47.87 324 P 37 02.68 -0.8
0.6s 10.00nm 5.0mb
PYUN 48.47 323 P 37 07.76 -0.4
0.6s 11.00nm 5.0mb
MIAR 145.75 42 ePKP 48 04.09 0.5
e 48 13.50
LPAZ 153.21 177 PKP 48 25.60 9.3X
S.D. = 1.5 on 15 of 17 obs.

? JUN 14, 1994 04h 47m 18.84± 0.94s
44.349 N ± 8.2km 7.199 E ± 9.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.5 (GEN).

STV 0.14 139 P 47 22.30 0.1
S 47 24.77
PZZ 0.17 336 P 47 22.80 0.0
S 47 25.51
ISO 0.20 213 iPgc 47 23.21 0.0
eSg 47 26.09
ENR 0.20 127 P 47 23.22 -0.1
S 47 26.28
S.D. = 0.1 on 4 of 4 obs.

? JUN 14, 1994 05h 34m 49.03± 1.89s
10.906 S ±16.3km 112.928 E ±28.8km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

NANU 11.85 168 eP 37 37.80 -1.0
0.3s 12.00nm 5.5mb X
eS 39 44.00
MEEK 16.54 162 eP 38 40.00 -0.3
eS 41 31.00
MRWA 18.44 171 eP 39 05.00 1.1
eS 42 20.00
WB2 22.50 116 eP 39 46.60 -0.7
0.5s 4.40nm 4.2mb
ASPA 23.67 125 iPd 39 59.60 1.0
0.4s 7.00nm 4.5mb
MIAR 146.27 42 (PKP) 54 27.00 -0.2
S.D. = 1.1 on 6 of 6 obs.

? JUN 14, 1994 06h 22m 33.13± 2.21s
10.862 S ±20.3km 113.495 E ±32.1km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

NANU 11.80 171 eP 25 19.80 -2.3
0.3s 22.00nm 5.8mb X
eS 27 27.00
MEEK 16.42 164 eP 26 22.00 -0.8
0.3s 25.00nm 4.8mb
eS 29 13.00
MRWA 18.41 173 eP 26 47.10 -0.5
0.4s 20.00nm 4.6mb
eS 30 02.00
BAL 19.87 172 eP 27 06.00 1.4
KLB 21.00 170 eP 27 21.00 4.7X
COOL 21.15 162 eP 27 18.30 0.5
e 27 23.00
MUN 21.16 174 eP 27 20.00 2.1
e 27 24.00
WB2 22.02 117 eP 27 25.90 -0.7
0.4s 9.90nm 4.6mb
ASPA 23.24 126 iPc 27 39.80 1.2
0.5s 19.10nm 4.9mb
eS 31 56.40
MIAR 145.86 42 ePKP 42 09.61 -1.0
e 42 15.30
S.D. = 1.6 on 9 of 10 obs.

% JUN 14, 1994 06h 30m 06.95± 1.63s
38.907 N ± 9.9km 26.690 E ±16.4km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.3 (ISK).

IZM 0.68 138 iPg 30 20.30 -0.1
iSg 30 31.80
EZN 0.96 343 iPn 30 25.50 0.3
DST 1.66 65 ePn 30 37.00 0.8
EDC 1.70 32 ePn 30 36.00 -0.8
BNT 1.73 33 ePn 30 37.20 0.0
MFT 1.93 13 ePn 30 40.10 -0.1
S.D. = 0.7 on 6 of 6 obs.

? JUN 14, 1994 06h 40m 52.67± 3.14s
38.661 N ±24.2km 28.180 E ±24.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.6 (ISK).

IZM 0.77 250 ePg 41 07.60 -0.1
eSg 41 21.10
DST 1.01 20 ePn 41 12.00 0.3
EDC 1.70 352 ePn 41 22.00 -0.5
EZN 1.85 310 ePn 41 25.00 0.3
S.D. = 0.7 on 4 of 4 obs.

% JUN 14, 1994 06h 46m 32.14± 0.77s
26.443 S ± 5.9km 27.426 E ± 8.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.0 (PRE).

PRY 0.48 175 eP 46 42.10 0.2
S 46 49.40
KSR 0.75 320 eP 46 47.00 -0.1
S 46 58.50
SLR 1.04 48 eP 46 52.50 0.1
S 47 05.00
SEK 1.88 175 eP 47 05.00 -0.4
S 47 28.40
SWZ 2.02 248 eP 47 07.50 0.2
S 47 31.90
S.D. = 0.3 on 5 of 5 obs.

? JUN 14, 1994 07h 02m 19.99± 1.33s
39.166 N ± 9.6km 27.386 E ±19.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.77 187 ePg 02 35.10 0.0
eSg 02 48.10
DST 1.06 65 ePn 02 40.00 0.0
EDC 1.24 17 ePn 02 43.00 0.1
KCT 1.32 34 ePn 02 44.20 -0.1
S.D. = 0.1 on 4 of 4 obs.

? JUN 14, 1994 07h 08m 55.14± 1.05s
39.145 N ± 9.9km 27.589 E ±17.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.79 199 ePg 09 10.50 0.0
eSg 09 23.30
DST 0.93 60 ePn 09 13.00 0.1
EDC 1.22 10 ePn 09 18.00 0.2
KCT 1.25 28 ePn 09 18.10 -0.3
S.D. = 0.4 on 4 of 4 obs.

? JUN 14, 1994 08h 05m 33.89± 1.31s
39.169 N ± 9.9km 27.411 E ±19.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.0 (ISK).

IZM 0.78 189 ePg 05 49.10 0.0
eSg 06 02.10
DST 1.04 65 ePn 05 53.50 0.0
BNT 1.25 18 ePn 05 57.00 -0.1
KCT 1.30 34 iPn 05 58.10 0.1
S.D. = 0.1 on 4 of 4 obs.

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* JUN 14, 1994 08h 17m 49.36± 0.39s
10.660 S ± 8.4km 113.275 E ±15.8km
DEPTH = 24.7km (5 depth phases)
4.9mb (12 obs.) 4.2Msz (3 obs.)
SOUTH OF JAWA, INDONESIA (282)

```
NANU     12.03 170 eP     20 39.50   -2.8
         0.4s      41.00nm        6.0mb X
               eS         22 47.00
MEEK     16.67 163 eP     21 42.00   -1.1
         0.3s      13.00nm        4.5mb
               eS         24 33.00
MRWA     18.64 173 eP     22 06.60   -0.9
         0.4s       9.00nm        4.3mb
               eS         25 22.00
BAL      20.10 171 eP     22 26.00    1.8
MUN      21.39 173 eP     22 40.00   2.6X
               e          22 46.00   22km
COOL     21.41 161 eP     22 39.00    1.3
WOOL     21.79 160 eP     22 42.00    0.6
               ipP        22 58.40  74kmX
               eS         26 32.20
WB2      22.30 117 eP     22 46.10   -0.6
         0.6s       9.00nm        4.4mb
ASPA     23.53 126 iPd    22 59.40    0.7
         0.6s      31.80nm        5.0mb
    Z    22s        0.30um        3.7Msz
               i          23 07.10   27km
               iS         27 16.60
CHTO     32.52 334 eP     24 21.00    0.4
STKA     33.62 133 iPd    24 30.40    0.3
         0.8s      10.90nm        4.8mb
KMI      37.02 344 ePd    25 00.20    0.8
         1.0s      10.00nm        4.6mb
               pP         25 06.60   22km
SSE      42.20  10 P      25 40.80   -1.2
    Z    20s        0.40um        4.3Msz
               pP         25 48.60   26km
               esS        32 12.00
ODAN     44.97 327 P      26 05.30    0.4
TAPN     45.19 327 P      26 07.50    0.8
RAMN     45.48 326 P      26 09.36    0.5
JIRN     46.26 326 P      26 14.98   -0.2
         0.6s      22.00nm        5.3mb
GUN      46.62 326 P      26 16.70   -1.4
DMN      46.82 325 P      26 20.12    0.6
LZH      47.34 350 eP     26 22.00   -1.3
         1.4s      21.00nm        5.0mb
    Z    15s        0.39um        4.5MszX
    E    15s        0.48um
               pP         26 30.00   27km
GKN      47.39 325 P      26 23.38   -0.5
         0.3s       7.00nm        5.2mb
KOLN     47.81 324 P      26 27.42    0.2
         0.6s      20.00nm        5.3mb
DANN     48.15 324 P      26 29.22   -0.8
         0.6s      20.00nm        5.3mb
BJI      50.51   3 eP     26 45.50   -2.0
         1.5s      14.00nm        4.7mb
    Z    20s        0.30um        4.3Msz
RSNY    145.57  10 ePKP   37 28.97    1.6
               e          37 35.47
MIAR    145.86  42 ePKP   37 29.60    1.5
ITR     145.86 237 ePKP   37 32.10   3.4X
YSNY    146.66  16 ePKP   37 30.36    1.1
BINY    147.55  13 (PKP)  37 34.49   3.9X
               e          37 42.06
LPAZ    153.19 177 PKP    37 51.20  10.6X
     S.D. = 1.2  on  26 of  30 obs.
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? JUN 14, 1994 08h 29m 30.11± 1.06s
  39.292 N ± 9.2km   27.641 E ±15.6km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)
     ML 2.7 (ISK).

DST       0.83  67 ePg    29 46.00   -0.1
IZM       0.94 198 ePg    29 48.10    0.0
               eSg        30 02.60
EDC       1.07   9 ePn    29 50.00   -0.2
KCT       1.10  30 ePn    29 51.10    0.3
     S.D. = 0.4  on   4 of   4 obs.
-------------------------------------------
? JUN 14, 1994 08h 51m 02.19± 0.77s
  23.147 N ±15.7km   64.348 E ± 7.8km
  DEPTH =  33.0km  (normal)
  4.7mb ( 15 obs.)
 OFF COAST OF PAKISTAN             (356)

POO      10.00 116 eP     53 27.00    0.3
               iS         55 17.50
NDI      12.82  62 eP     54 01.00   -3.9X
               eS         56 15.00
MAIO     13.77 343 eP     54 21.00   3.6X
HYB      14.49 111 eP     54 24.00   -2.9
PYUN     17.52  70 P      55 06.05    0.3
         1.0s      87.00nm        4.8mb
KOLN     17.98  71 P      55 11.81    0.3
         0.9s      40.00nm        4.5mb
DANN     18.23  69 P      55 14.67   -0.1
         1.0s      91.00nm        4.9mb
GKN      18.92  71 P      55 22.39   -0.7
         0.9s      38.00nm        4.6mb
DMN      19.27  72 P      55 26.83   -0.5
         0.8s      55.00nm        4.9mb
KKN      19.45  72 P      55 28.85   -0.5
         0.7s      54.00nm        5.0mb
PKI      19.53  73 P      55 29.65   -0.7
         0.8s      29.00nm        4.6mb
GUN      19.99  72 P      55 35.57    0.3
         0.7s      51.00nm        5.0mb
JIRN     20.23  73 P      55 37.81    0.1
         0.7s      55.00nm        5.0mb
RAMN     20.51  75 P      55 41.11    0.6
         0.5s      25.00nm        4.8mb
ODAN     21.20  75 P      55 48.69    1.1
TAPN     21.53  74 P      55 52.31    1.3
         0.9s     120.00nm        5.3mb
VAY      39.28 308 eP     58 27.00   -2.5
GEC2     47.23 316 P      59 34.10    0.1
         0.7s       0.64nm        3.8mb
               e          59 40.40
               e          59 53.70
BCAO     47.96 254 ePc    59 41.10    1.1
         0.5s       3.00nm        4.6mb
WRA      80.57 116 P      03 15.40   2.1X
         0.7s       2.80nm        4.4mb
WB2      80.58 116 iPc    03 15.00    1.7
         0.7s       4.70nm        4.6mb
MBC      80.81   1 eP     03 14.00    0.5
     S.D. = 1.2  on  19 of  22 obs.
-------------------------------------------
    JUN 14, 1994  09h 04m 45.64± 1.07s
    41.196 N ± 9.9km   21.973 E ± 5.3km
    DEPTH =  5.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
     ML 2.1 (SKO).

GRG       0.40 126 ePg    04 53.82    0.1
               eSg        05 00.34
VAY       0.47  74 iPg    04 55.50    0.5
          0.2s    160.00nm
               iSg        05 02.60
FNA       0.61 228 iPg    04 58.01    0.1
               eSg        05 06.82
KNT       0.70  93 iPg    04 59.41   -0.2
               eSg        05 08.74
THE       0.94 127 ePg    05 04.26    0.3
               eSg        05 16.62
SOH       1.11 109 ePg    05 06.66   -0.3
               eSg        05 21.26
SRS       1.23  93 ePb    05 08.58   -0.3
               eSb        05 25.62
OUR       1.75 119 ePb    05 16.62   -0.2
               eSb        05 39.98
PAIG      1.82 134 ePb    05 17.98    0.2
               eSb        05 42.22
IGT       2.08 218 ePn    05 21.38   -0.3
AGG       2.19 173 ePn    05 23.38    0.1
     S.D. = 0.3  on  11 of  11 obs.
-------------------------------------------
% JUN 14, 1994  09h 38m 13.96± 0.87s
  26.417 S ± 8.7km   27.359 E ± 8.1km
    DEPTH =  5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA          (584)

KSR       0.69 323 eP     38 27.00   -0.8
               S          38 35.50
SLR       1.07  51 eP     38 35.60    0.9
               S          38 50.00
SEK       1.91 173 eP     38 47.00   -0.7
               S          39 12.20
SWZ       1.97 247 eP     38 49.50    1.0
               S          39 13.80
BFT       2.52  74 eP     38 56.00   -0.5
               S          39 35.50
     S.D. = 1.2  on   5 of   5 obs.
-------------------------------------------
% JUN 14, 1994  09h 43m 32.96± 0.62s
  42.856 N ± 5.5km   19.200 E ± 5.0km
    DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
     ML 1.7 (TTG).

NKY       0.15 254 iPgc   43 36.85    0.2
               iSg        43 39.55
TTG       0.43 174 iPgd   43 41.76    0.1
               iSg        43 48.22
BRY       0.48 276 iPgc   43 42.37   -0.5
               iSg        43 49.64
PLE       0.49  17 iPgc   43 43.20    0.2
               iSg        43 50.72
IVA       0.51  88 iPgd   43 43.26   -0.1
               iSg        43 51.38
BDV       0.63 206 iPgc   43 45.38   -0.3
               iSg        43 55.05
HCY       0.66 232 iPgc   43 46.55    0.5
               iSg        43 56.04
     S.D. = 0.4  on   7 of   7 obs.
-------------------------------------------
* JUN 14, 1994  10h 24m 07.08± 0.73s
  49.558 S ±10.4km  125.719 E ±12.1km
  DEPTH =  10.0km  (geophysicist)
  5.0mb ( 12 obs.)
 SOUTH OF AUSTRALIA                (437)
RKG      16.29 334 eP     27 59.00    1.6
ADE      17.43  38 iPc    28 13.50    1.8
WOOL     18.68 349 eP     28 26.80   -0.4
MUN      18.95 334 eP     28 31.00    0.5
STKA     21.30  40 iPd    28 54.70   -1.2
         1.7s      76.30nm        4.8mb
CAN      22.19  59 eP     29 05.00    0.1
               i          29 11.30
CNB      22.39  59 eP     29 10.00   3.0X
         1.0s      45.00nm        4.9mb
ASPA     26.63  17 iPc    29 47.00   -0.5
         0.8s      42.10nm        5.2mb
    Z    21s        0.50um        4.0Msz
ARMA     27.34  55 iPc    29 54.70    0.6
         0.8s      15.00nm        4.8mb
WRA      30.34  16 P      30 20.00   -1.0
         0.5s       1.40nm        4.1mb
WB2      30.34  16 iPc    30 19.60   -1.4
         0.6s       5.80nm        4.6mb
SPA      40.63 180 eP     31 48.00   -0.5
         0.8s       3.75nm        4.1mb
    Z    16s        0.22um        4.1MszX
IPM      58.02 331 ePd    34 02.10   -0.2
TAPN     83.71 327 P      36 42.68   5.2X
JIRN     84.54 325 P      36 46.30   4.5X
         0.7s      13.00nm        5.3mb
PKI      84.75 325 P      36 49.94   7.2X
         1.0s      27.00nm        5.4mb
DMN      84.90 325 P      36 50.26   6.8X
DANN     86.08 324 P      36 49.40    0.1
         0.7s      15.00nm        5.3mb
PYUN     86.16 323 P      36 53.38   3.8X
         0.8s      17.00nm        5.3mb
LZH      87.45 342 eP     36 54.50   -1.2
         1.8s      30.00nm        5.3mb
    Z    28s        0.52um        4.8MszX
    E    12s        0.31um
MBC     143.37  21 ePKP   43 41.00   -0.7
RSSD    146.05  80 ePKP   43 47.58    0.1
TUL     147.04  99 iPKPc  43 51.60    2.6
RES     149.65  20 ePKP   44 00.00   8.0X
         1.0s       3.00nm
     S.D. = 1.2  on  17 of  24 obs.
-------------------------------------------
* JUN 14, 1994  10h 29m 09.49± 1.04s
  5.252 S ±15.7km  151.538 E ±18.8km
  DEPTH =  26.0km  ( 2 depth phases)
 NEW BRITAIN REGION, P.N.G.        (192)

RAB       1.22  31 iPd    29 31.50    0.5
               iS         29 52.70
KVG       2.74 345 eP     30 00.30   7.6X
PMG       5.99 226 eP     30 40.00    1.2
         0.9s     151.26nm        5.7mb X
               eS         31 51.00
CTA      15.62 199 ePd    32 51.00    1.4
DZM      22.08 141 iPc    34 04.00   -0.5
WB2      22.20 227 iPc    34 04.50   -1.1
         0.5s      13.50nm        4.7mb
               ipP        34 12.70   29km
               eS         38 07.80
```

14d 10h

ASPA 24.98 221 eP 34 31.20 -1.5
0.6s 39.70nm 5.2mb
i 34 37.60 23km
S.D. = 1.6 on 6 of 7 obs.

% JUN 14, 1994 12h 02m 53.00± 1.42s
43.183 N ±10.3km 18.863 E ± 8.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.5 (TTG).

BRY 0.37 220 iPgd 03 00.70 0.1
iSg 03 06.20
NKY 0.38 165 iPgd 03 00.88 0.0
iSg 03 06.51
PLE 0.42 69 iPgd 03 01.52 0.0
iSg 03 07.60
HCY 0.78 200 iPgc 03 07.94 -0.3
iSg 03 19.81
TTG 0.81 159 iPgd 03 08.67 0.0
iSg 03 20.64
IVA 0.82 112 ePg 03 08.91 0.0
iSg 03 20.90
BDV 0.90 182 iPgd 03 10.38 0.1
iSg 03 23.73
S.D. = 0.2 on 7 of 7 obs.

% JUN 14, 1994 12h 25m 56.05± 0.79s
43.084 N ±12.2km 0.616 W ± 5.0km
DEPTH = 5.0km (geophysicist)
PYRENEES (378)
ML 1.0 (STR).

ESCF 0.03 101 Pg 25 57.12 -0.2
Sg 25 57.92
ATE 0.06 272 Pg 25 57.49 -0.2
Sg 25 58.68
OGE 0.13 51 Pg 25 59.03 0.2
ISSF 0.14 247 Pg 25 59.38 0.3
Sg 26 02.17
MADF 0.16 292 Pg 25 59.35 -0.1
S.D. = 0.3 on 5 of 5 obs.

% JUN 14, 1994 12h 43m 11.85± 0.59s
26.938 S ± 5.5km 26.773 E ± 6.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.8 (PRE).

BFS 0.04 16 iPc 43 13.90 0.6
S 43 14.40
PRY 0.63 89 eP 43 24.10 -0.3
S 43 31.20
KSR 1.07 6 eP 43 32.00 -0.7
S 43 46.00
SWZ 1.31 259 eP 43 37.30 0.6
S 43 53.70
SEK 1.57 151 eP 43 41.50 0.9
S 44 01.40
SLR 1.81 49 iPd 43 44.00 0.0
S 44 08.00
BLF 2.22 193 eP 43 50.00 -0.1
S 44 18.00
NWL 2.94 106 eP 44 07.70 7.5X
S 44 42.50
FRS 3.08 204 eP 44 01.00 -1.0
S 44 35.00
S.D. = 0.8 on 8 of 9 obs.

% JUN 14, 1994 13h 29m 50.43± 0.83s
40.712 N ± 7.1km 29.980 E ± 6.1km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 3.1 (ISK).

EYL 0.20 137 iPg 29 55.00 0.5
HRT 0.26 295 iPg 29 55.00 -0.7
YLV 0.48 253 iPg 30 00.00 -0.1
eSg 30 06.50
GPA 0.49 149 iPg 29 59.50 -0.8
eSg 30 07.50
IZI 0.54 226 iPg 30 01.50 0.3
eSg 30 07.50
ISK 0.78 297 ePg 30 06.00 -0.1
eSg 30 16.50
CTT 1.25 291 ePn 30 14.00 -0.2
KCT 1.32 250 ePn 30 15.00 -0.3
EDC 1.65 258 ePn 30 21.00 0.8
DMK 2.01 304 ePn 30 26.00 0.6
S.D. = 0.6 on 10 of 10 obs.

? JUN 14, 1994 13h 46m 24.88± 0.70s
23.371 N ±13.7km 64.503 E ±10.6km
DEPTH = 33.0km (normal)
4.6mb (8 obs.)
OFF COAST OF PAKISTAN (356)

POO 9.97 117 eP 48 37.50 -11.5X
iS 50 41.00
NDI 12.59 62 eP 49 23.00 -1.5
eS 51 36.00
MAIO 13.59 343 eP 49 40.00 2.2
HYB 14.44 112 eP 49 49.00 0.1
GBA 15.64 126 P 50 05.00 0.5
CHTO 32.40 91 eP 52 57.00 3.0X
KMI 34.83 79 eP 53 14.00 -1.3
SKO 40.23 308 eP 53 58.80 -1.3
i 54 07.00
PRU 46.93 317 eP 55 05.50 11.3X
GEC2 47.17 316 P 55 00.00 3.8X
0.8s 1.19nm 4.0mb
e 55 12.00
e 55 15.90
KHC 47.32 316 eP 55 01.00 3.7X
e 55 17.50
e 55 34.00
BCAO 48.16 254 ePc 55 03.00 -1.2
0.5s 3.00nm 4.6mb
DAG 65.88 345 eP 57 08.00 -1.0
0.7s 6.85nm 4.9mb
LKO 68.06 271 P 57 23.89 0.0
0.9s 13.00nm 5.0mb
LIC 68.78 268 P 57 35.47 7.2X
1.2s 11.50nm 4.8mb
WB2 80.56 116 eP 58 37.10 1.3
0.5s 4.20nm 4.7mb
MBC 80.59 1 eP 58 36.00 1.0
1.0s 2.00nm 4.1mb
ASPA 82.01 120 eP 58 44.80 1.4
1.4s 6.40nm 4.5mb
S.D. = 1.4 on 12 of 18 obs.

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* JUN 14, 1994 14h 02m 38.26± 1.90s
38.767 N ±14.1km 26.458 E ±16.4km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.4 (ISK). MD 3.2 (ATH).

PRK 0.50 343 iPbc 02 48.80 0.4
eSb 02 56.00
IZM 0.73 120 iPg 02 52.70 0.1
eSg 03 03.90
EZN 1.06 354 iPn 02 58.10 -0.1
EDC 1.92 34 iPn 03 11.00 -0.2
KCT 2.08 44 ePn 03 13.90 0.2
RDO 2.48 344 ePn 03 19.00 -0.3
S.D. = 0.3 on 6 of 6 obs.

JUN 14, 1994 14h 15m 37.66± 0.35s
3.688 S ± 7.8km 68.422 E ± 6.5km
DEPTH = 10.0km (geophysicist)
5.0mb (41 obs.) 4.5Msz (1 obs.)
CHAGOS ARCHIPELAGO REGION (426)

GBA 19.37 27 P 20 05.10 -1.5
1.5s 13.50nm 4.0mb X
HYB 23.23 25 eP 20 47.50 1.4
KOLN 34.53 24 P 22 28.95 0.3
1.4s 84.00nm 5.5mb
PYUN 34.58 23 P 22 30.63 1.6
1.2s 58.00nm 5.4mb
DMN 35.03 26 P 22 33.61 0.6
DANN 35.11 24 P 22 33.99 0.3
PKI 35.13 27 P 22 33.73 -0.2
RAMN 35.16 29 P 22 40.73 6.6X
KKN 35.26 26 P 22 34.53 -0.4
1.1s 56.00nm 5.4mb
JIRN 35.56 28 P 22 38.83 1.1
GUN 35.64 27 P 22 38.61 0.3
0.9s 94.00nm 5.6mb
TAPN 36.04 30 P 22 43.17 1.6
1.2s 119.00nm 5.6mb
MAIO 40.65 349 iPc 23 20.80 1.0
ASH 42.47 348 eP 23 35.00 0.4
KMI 43.93 47 eP 23 47.40 0.5
SLR 44.30 236 eP 23 49.00 -0.9
1.2s 80.00nm 5.5mb
KSR 45.50 237 eP 24 01.50 1.9
1.0s 30.00nm 5.2mb
BCAO 50.49 279 iPd 24 39.30 0.9
1.1s 17.00nm 4.9mb
GRO 51.12 339 eP 24 45.00 2.4
LZH 51.59 37 eP 24 46.70 0.1
1.5s 40.00nm 5.1mb
Z 24s 0.79um 4.7MszX
E 15s 0.78um
sP 25 01.50
BRVK 56.56 1 iPd 25 20.80 -1.8
1.4s 32.00nm 5.2mb
SVE 60.63 355 iPc 25 50.00 -0.9
1.8s 64.00nm 5.5mb
Z 18s 0.30um 4.5Msz
N 18s 0.20um
E 18s 0.10um
VAY 61.21 322 iP 25 55.30 0.2
ZAK 61.63 25 eP 25 57.00 -0.8
1.6s 31.00nm 5.2mb
eS 34 14.00
BJI 61.69 40 eP 25 58.00 -0.4
1.6s 17.00nm 5.0mb
Z 24s 0.58um 4.7MszX
N 14s 0.40um
epP 26 04.00 20kmX
eS 32 42.00
SKO 62.28 322 iP 26 01.00 -1.3
i 26 07.00
IRK 63.49 24 eP 26 10.50 0.4
1.2s 15.00nm 5.1mb
e 26 15.20
OBN 64.21 340 eP 26 08.50 -6.3X
MOS 64.40 341 eP 26 15.00 -1.0
e 26 55.00
UZH 65.73 328 eP 26 30.50 5.8X
1.0s 31.00nm 5.5mb
ASPA 66.09 114 eP 26 24.70 -2.9
1.2s 12.70nm 5.0mb
WRA 66.12 110 P 26 28.00 0.2
0.9s 2.80nm 4.5mb
WB2 66.13 110 eP 26 27.20 -0.7
0.7s 6.80nm 4.9mb
CIT 67.38 28 eP 26 35.00 -0.2
ZST 68.30 326 eP 26 38.30 -2.7
BRG 71.46 327 iP 27 06.20 5.9X
1.0s 13.00nm 5.0mb
CLL 72.19 327 iPc 27 04.50 -0.2
i 27 10.80
LPG 73.28 320 eP 27 10.10 -1.5
1.0s 3.80nm 4.4mb
LPL 73.30 320 eP 27 10.20 -1.4
1.5s 12.00nm 4.7mb
KIC 73.72 278 P 27 15.05 0.7
1.2s 25.50nm 5.2mb
LIC 73.99 278 P 27 16.49 0.6
1.2s 28.00nm 5.2mb
TIC 74.03 278 P 27 16.69 0.6
1.1s 14.00nm 4.9mb
CDF 74.14 323 eP 27 15.30 -1.0
1.1s 10.00nm 4.8mb
BSF 74.20 322 eP 27 15.20 -1.4
1.0s 8.20nm 4.7mb
LKO 74.89 281 P 27 20.39 -0.8
1.4s 22.00nm 5.0mb
SMF 75.59 320 eP 27 23.80 -0.7
1.1s 8.05nm 4.7mb
LBF 75.63 320 eP 27 24.10 -0.7
1.2s 9.20nm 4.7mb
LOR 75.81 321 eP 27 25.10 -0.7
1.3s 21.30nm 5.1mb
AVF 75.96 320 eP 27 26.00 -0.6
SSF 75.96 320 eP 27 26.00 -0.6
1.1s 9.50nm 4.8mb
MAT 76.12 51 (P) 27 23.00 -4.8X
2.0s 47.06nm 5.2mb
CAF 76.15 318 eP 27 28.10 0.3
BGF 76.20 320 eP 27 28.00 0.0
0.6s 7.50nm 5.0mb
MAF 76.27 319 eP 27 28.20 -0.2
0.7s 2.45nm 4.4mb
RJF 76.64 318 eP 27 30.80 0.3
1.0s 10.00nm 4.9mb
LPO 76.66 317 eP 27 31.30 0.7

LSF 76.95 319 eP 27 32.30 0.1
LFF 77.05 318 eP 27 33.50 0.8
CTA 77.32 110 iPc 27 35.00 0.3
i 27 41.00
NB2 78.04 335 P 27 43.40 5.5X
0.8s 2.50nm 4.4mb
MFF 78.16 319 eP 27 39.10 0.3
LDF 78.78 321 eP 27 42.10 -0.1
1.2s 8.35nm 4.7mb
FLN 79.06 321 eP 27 43.60 -0.1
PAB 79.16 311 iPd 27 45.50 0.9
GRR 79.18 321 eP 27 44.40 0.0
LPF 79.19 320 eP 27 44.60 0.2
1.2s 16.65nm 4.9mb
YAK 80.23 25 eP 27 47.70 -2.0
1.5s 39.00nm 5.2mb
YSS 82.05 42 (P) 28 05.00 5.4X
ARMA 82.29 120 eP 28 04.70 3.3X
1.0s 14.00nm 5.0mb
DAG 92.92 347 eP 28 52.50 0.8
0.6s 3.33nm 4.9mb
SRU 144.73 359 ePKP 35 16.07 -1.0
e 35 22.52
MIAR 145.04 334 ePKPc 35 17.52 0.1
e 35 23.88
ARN 145.28 14 ePKP 35 16.89 -0.9
PV09 145.28 357 ePKP 35 18.10 -0.1
e 35 24.90
MSU 145.33 1 ePKP 35 19.27 1.1
e 35 25.76
BONR 145.34 9 ePKP 35 18.88 0.6
e 35 25.69
TNP 145.38 8 ePKP 35 18.84 0.6
e 35 25.20
PV10 145.40 356 ePKP 35 18.95 0.6
MEMM 145.52 10 ePKP 35 20.26 2.1
TPNV 146.62 7 ePKP 35 22.23 2.0
MEO 146.79 340 iPKPd 35 22.60 2.2
WMOK 146.90 340 ePKP 35 21.45 0.9
e 35 28.84
GSC 148.17 8 ePKP 35 27.17 4.5X
e 35 33.56
ALQ 148.54 352 ePKP 35 21.63 -1.8
CSP 149.07 9 (PKP) 35 25.34 1.2
ePKPbc35 28.84
e 35 36.14
TUC 151.52 359 (PKP) 35 26.21 -1.7
ePKPbc35 36.25
e 35 42.74
LTX 153.41 344 ePKP 35 30.30 -0.4
S.D. = 1.1 on 78 of 87 obs.

JUN 14, 1994 14h 37m 09.82± 0.65s
44.406 N ± 3.5km 7.485 E ± 6.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.2 (LDG).

ISO 0.38 235 ePgc 37 17.05 -0.7
iSg 37 21.09
AUTN 0.41 186 Pg 37 18.45 0.1
SAOF 0.42 173 Pg 37 18.91 0.4
TOUF 0.43 204 Pg 37 18.26 -0.4
AURF 0.53 192 Pg 37 20.36 -0.2
Sg 37 28.27
SBF 0.54 184 Pg 37 21.20 0.3
Sg 37 28.40
MVIF 0.56 205 Pg 37 21.39 0.0
Sg 37 29.16
FRF 1.04 216 Pg 37 29.40 0.0
Sg 37 44.10
LPG 1.21 335 Pg 37 32.70 0.2
Sg 37 48.40
LPL 1.23 335 Pg 37 32.90 0.0
Sg 37 48.40
LRG 1.25 221 Pg 37 33.50 0.4
Sg 37 50.30
LMR 1.28 214 Pg 37 34.10 0.5
Sg 37 51.30
PGF 2.16 149 Pn 37 45.80 -0.6
S.D. = 0.4 on 13 of 13 obs.

JUN 14, 1994 14h 51m 13.81± 0.31s
6.317 S ± 5.1km 153.596 E ± 6.5km
DEPTH = 33.0km (normal)
4.8mb (24 obs.)
NEW BRITAIN REGION, P.N.G. (192)

RAB 2.55 326 iPc 51 55.30 1.6
LAT 6.56 267 iPc 52 50.30 -0.3
PMG 7.08 244 eP 52 57.00 -0.8
YYYY 7.58 270 eP 53 06.00 1.0
CTA 15.43 207 iP 54 53.00 2.1
1.0s 20.00nm 4.3mb
e 54 57.00
eS 58 30.00
NOUC 19.92 143 iPc 55 45.70 -0.1
DZM 19.98 143 iPc 55 46.60 0.0
MTN 23.07 252 eP 56 17.50 -0.1
WB2 23.08 232 eP 56 16.40 -1.4
0.6s 14.90nm 4.7mb
i 56 20.10
WRA 23.09 232 P 56 17.50 -0.4
0.8s 6.30nm 4.2mb
ARMA 24.05 184 eP 56 28.20 1.1
0.7s 11.00nm 4.5mb
ASPA 25.62 226 iPc 56 41.50 -0.6
1.0s 47.40nm 5.0mb
i 56 54.50
STKA 27.79 202 iPc 56 59.90 -2.0
0.5s 12.90nm 4.9mb
WOOL 38.73 226 eP 58 35.00 -1.8
CVP 39.42 308 eP 58 33.00 -9.7X
KLB 41.87 228 eP 59 01.00 -1.7
e 59 46.00
BAL 42.20 230 eP 59 04.50 -0.9
e 59 31.00
WKYJ 43.77 338 P 59 17.10 -1.0
RKG 43.91 225 eP 59 22.00 2.7
TKSJ 44.15 336 P 59 21.30 0.2
CHJJ 44.32 343 P 59 21.10 -1.4
MAT 45.01 342 eP 59 27.00 -1.1
0.8s 7.46nm 4.6mb
MTMJ 45.17 342 P 59 28.70 -0.8
NIIJ 45.43 344 P 59 31.00 -0.3
YONJ 45.43 337 P 59 34.80 3.3X
ASAJ 51.17 350 eP 00 16.80 1.0
BJI 57.59 326 eP 01 02.50 -0.3
e 01 06.00
KMI 58.49 304 eP 01 10.80 1.1
1.0s 10.00nm 4.9mb
BDT 58.79 294 eP 01 13.40 1.8
1.1s 33.30nm 5.4mb
LZH 62.86 316 eP 01 44.00 4.8X
2.0s 43.00nm 5.2mb
ADK 63.30 20 (P) 01 40.82 -0.8
1.3s 18.87nm 5.1mb
CIT 67.36 334 eP 02 09.00 1.1
YAK 70.59 348 iPc 02 27.70 0.2
1.2s 103.00nm 5.8mb
ZAK 71.19 329 iPd 02 32.00 0.7
1.0s 57.00nm 5.6mb
ILT 76.59 10 iPc 03 01.70 -0.7
1.0s 16.00nm 5.0mb
HYB 77.74 289 eP 03 06.00 -3.7X
SVW 77.90 23 eP 03 10.60 0.8
0.7s 7.50nm 4.8mb
GBA 78.13 285 P 02 57.00 -14.8X
TTA 78.89 21 eP 03 15.58 0.3
0.8s 3.95nm 4.5mb
SLKM 79.70 25 eP 03 18.76 -0.9
PMR 80.73 24 eP 03 24.60 -0.4
0.5s 2.50nm 4.5mb
IMA 81.62 19 ePd 03 29.30 -0.5
0.7s 4.59nm 4.6mb
KLU 82.01 25 eP 03 31.92 0.1
TOA 82.20 24 eP 03 33.40 0.6
0.7s 16.20nm 5.2mb
FBA 82.99 22 ePc 03 35.41 -1.4
0.7s 1.81nm 4.3mb
BALM 83.33 26 (P) 03 39.09 0.4
SPA 83.72 180 iPc 03 41.70 1.0
0.8s 4.17nm 4.6mb
FRU 86.23 314 eP 03 53.00 -0.5
INK 89.58 21 eP 04 09.00 0.0
0.8s 2.00nm 4.5mb
BRVK 90.99 323 iPc 04 17.00 1.2
1.1s 10.00nm 5.1mb
MBC 95.38 14 eP 04 35.50 -0.2
0.7s 2.00nm 4.7mb
KHC 125.64 329 ePKP 10 12.00 -1.7
e 10 20.00
e 10 39.00
GEC2 125.75 328 PKP 10 13.80 -0.2
0.7s 2.11nm

LPB 132.92 119 ePKP 10 40.00 11.1X
LPAZ 133.00 119 PKP 10 31.10 1.7
i 14 57.00
BAO 149.46 136 ePKP 10 59.30 1.6
i 11 02.80
SOB1 158.87 137 ePKP 11 22.50 12.1X
e 14 43.30
S.D. = 1.1 on 50 of 57 obs.

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* JUN 14, 1994 14h 54m 55.57± 0.61s
10.526 S ± 9.4km 113.443 E ±16.5km
DEPTH = 25.3km (2 depth phases)
5.1mb (11 obs.) 4.4Msz (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

MKS 7.96 49 iPc 57 07.60 14.9X
NANU 12.13 171 eP 57 45.30 -4.5X
0.3s 25.00nm 6.0mb
eS 59 50.00
KGM 16.02 320 eP 58 40.50 -0.5
MEEK 16.75 164 eP 58 48.00 -2.3
0.3s 19.00nm 4.7mb
eS 01 41.00
MRWA 18.75 173 eP 59 04.00 -11.0X
0.4s 19.00nm
e 59 14.00
eS 02 27.00
IPM 19.44 320 ePc 59 22.80 -0.6
PPR 20.84 15 ePc 59 39.00 0.9
COOL 21.48 162 eP 59 45.00 0.4
MUN 21.50 174 eP 59 13.00 -31.7X
e 59 51.00
eS 03 31.00
WOOL 21.86 161 eP 59 47.50 -0.7
eS 03 38.30
WB2 22.22 117 eP 59 52.00 0.0
0.6s 41.20nm 5.1mb
eS 03 46.20
ASPA 23.48 126 iPc 00 05.30 1.0
0.8s 134.40nm 5.5mb
Z 20s 0.80um 4.2Msz
iS 04 21.50
STKA 33.59 133 iPc 01 37.10 1.1
1.4s 66.60nm 5.4mb
KMI 36.94 344 P- 02 06.00 1.2
1.0s 50.00nm 5.3mb
Z 14s 1.80um 5.0MszX
N 13s 1.10um
E 13s 0.90um
pP 02 15.60 32km
ARMA 40.61 125 iPc 02 38.70 3.4X
0.7s 8.00nm 4.6mb
SSE 42.04 10 Pd 02 47.80 1.0
1.2s 17.00nm 4.7mb
Z 24s 0.50um 4.3MszX
N 14s 0.30um
sP 03 01.00
eS 09 04.00
PcS 09 24.00
LZH 47.24 349 eP 03 29.50 0.8
2.0s 66.00nm 5.3mb
Z 15s 1.07um 4.9MszX
N 13s 0.89um
pP 03 35.00 18km
TKSJ 48.40 23 P 03 35.50 -2.1
WKYJ 49.22 24 P 03 42.60 -1.4
YONJ 49.26 22 P 03 42.30 -1.9
BJI 50.37 3 eP 03 51.50 -1.1
1.6s 17.00nm 4.8mb
Z 22s 0.68um 4.6Msz
N 14s 0.40um
eS 10 57.00
MAT 52.30 25 eP 04 04.00 -3.4X
1.5s 33.33nm 5.0mb
MAIO 68.87 316 eP 06 05.00 4.5X
RSNY 145.41 10 ePKP 14 34.31 1.1
MIAR 145.65 42 ePKPc 14 35.50 1.6
e 14 41.28
ITR 146.07 237 ePKP 14 38.20 3.0X
YSNY 146.49 16 ePKP 14 36.43 1.4
SOB1 147.81 233 ePKP 14 43.30 5.3X
NAV 150.40 23 (PKP) 14 47.98 6.6X
CVL 150.65 19 (PKP) 14 49.09 7.5X
JSC 152.80 27 ePKP 14 47.41 2.5X
e 14 53.86
LHS 152.83 26 ePKP 14 54.08 9.2X
S.D. = 1.4 on 19 of 32 obs.

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  JUN 14, 1994  15h 20m 51.24± 0.32s
  10.507 S ± 5.9km  113.476 E ± 9.8km
  DEPTH - 27.4km  (  4 depth phases)
  5.2mb ( 23 obs.)
 SOUTH OF JAWA, INDONESIA        (282)
     Mw 5.2 (HRV).
     CENTROID, MOMENT TENSOR      (HRV)
     Data Used: GDSN
     L.P.B.: 11S, 15C
     Centroid Location:
     Origin Time        15:20:55.2 1.3
     Lat 10.52S  FIX;Lon 113.56E  FIX
     Dep  15.0 FIX Half-duration  1.0
     Moment Tensor;    Scale 10**16 Nm
       Mrr--5.71 1.09  Mtt- 0.55 0.59
       Mff- 5.16 1.63  Mrt- 1.37 1.44
       Mrf- 4.65 1.73  Mtf- 1.90 0.52
      Principal Axes:
       T  Val-  7.60   Plg-20  Azm-289
       N      -0.12       2       198
       P      -7.48      70       104
     Best Double Couple:Mo-7.5*10**16
      NP1:Strike- 22 Dip-25 Slip- -86
      NP2:        198      65      -92
MKS     7.93  49 ePc    23 25.00  37.4X
NANU   12.15 171 eP     23 40.50  -5.0X
       0.3s     22.00nm         5.9mb
               eS       25 44.00
KGM    16.03 320 eP     24 35.00  -1.5
MEEK   16.76 164 eP     24 43.50  -2.3
       0.3s     24.00nm         4.8mb
               eS       27 36.00
MRWA   18.76 173 iPd    25 08.30  -2.3
       0.3s     11.00nm         4.5mb
               eS       28 21.00
IPM    19.45 320 ePd    25 19.90   1.0
BAL    20.22 172 eP     25 26.50  -0.5
PPR    20.82  15 iPd    25 35.00   1.8
DAV    21.23  35 eP     25 46.90   9.5X
KLB    21.35 170 eP     25 39.00   0.4
COOL   21.49 162 eP     25 40.00   0.0
MUN    21.52 174 eP     25 41.00   0.8
WOOL   21.87 161 iPd    25 43.80   0.1
               eS       29 33.80
WB2    22.20 117 iPc    25 46.50  -0.7
       0.6s     38.40nm         5.0mb
               eS       29 39.60
ASPA   23.46 127 iPd    26 00.30   0.7
       0.8s    106.70nm         5.4mb
     Z  22s     0.50um          3.9Msz
               i        26 08.30  29km
               iS       30 16.50
PGP    24.98  17 eP     26 15.00   0.7
NST    29.17 333 eP     26 53.00   0.4
BDT    31.06 332 iPc    27 08.00  -1.4
       1.1s     49.90nm         5.3mb
STKA   33.58 134 iPd    27 30.90  -0.4
       1.5s     49.10nm         5.2mb
KMI    36.93 344 P+     28 01.00   0.9
       1.2s     50.00nm         5.2mb
     Z  14s     1.80um          5.0MszX
     N  13s     0.90um
     E  13s     0.70um
               pP       28 11.60  37km
ARMA   40.60 125 eP     28 34.20   3.6X
       0.7s      8.00nm         4.6mb
SSE    42.02  10 Pc     28 42.50   0.5
       1.0s     14.00nm         4.6mb
               pP       28 49.80  25km
HYB    44.28 308 eP     29 01.70   1.0
ODAN   44.96 326 P      29 05.65  -0.6
TAPN   45.17 327 P      29 08.63   0.6
       1.0s     66.00nm         5.5mb
JIRN   46.24 326 P      29 16.73   0.2
GUN    46.61 326 P      29 19.25  -0.2
PKI    46.61 325 P      29 18.99  -0.5
DMN    46.81 325 P      29 20.59  -0.4
       1.0s     69.00nm         5.6mb
KKN    46.85 325 P      29 20.19  -1.0
       1.1s     53.00nm         5.5mb
LZH    47.22 349 eP     29 24.00   0.0
       2.0s     70.00nm         5.3mb
     Z  15s     0.97um          4.9MszX
     N  13s     0.89um
               pP       29 30.00  20km
GKN    47.38 325 P      29 24.37   -0.9
KOLN   47.80 323 P      29 27.95   -0.8
DANN   48.15 324 P      29 30.69   -0.8
       0.7s     46.00nm          5.6mb
TKSJ   48.37  23 P      29 33.60    0.8
PYUN   48.41 323 P      29 31.25   -2.2
       1.1s     60.00nm          5.5mb
WKYJ   49.19  24 P      29 37.00   -2.1
YONJ   49.23  22 P      29 37.10   -2.2
BJI    50.35   3 eP     29 47.00   -0.8
       2.0s     32.00nm          5.0mb
     Z  20s     0.54um           4.6Msz
               eS       36 57.00
               eSS      40 26.00
MAT    52.27  25 eP     30 00.00   -2.5
       1.3s     19.23nm          4.9mb
NDI    52.39 319 eP     30 03.50    0.0
ZAK    61.28 353 eP     31 05.00   -1.3
       1.6s     20.00nm          5.0mb
CIT    62.25   0 eP     31 13.30    0.4
YSS    62.93  22 (P)    31 19.00    1.6
IRK    63.02 354 eP     31 18.00    0.1
FRU    63.86 329 (P)    31 25.00    1.3
               e        31 37.00   41kmX
               e        31 53.00
BOD    68.12   0 eP     31 54.20    3.7X
MAIO   68.88 316 eP     31 55.00   -0.9
ASH    70.51 317 eP     32 06.00    0.3
BRVK   73.24 334 eP     32 22.00    0.3
       2.0s     26.00nm          4.9mb
     Z  24s     0.12um           4.1MszX
     N  20s     0.14um
     E  18s     0.14um
YAK    73.40   8 iP     32 20.50   -1.9
       1.2s     72.00nm          5.6mb
SVE    79.90 334 eP     33 00.00    1.1
SLR    81.23 245 eP     33 08.50    1.7
       0.6s     10.00nm          5.0mb
ILT    91.56  21 iPc    34 02.60    6.3X
BCAO   95.64 273 iPd    34 26.00    9.7X
       0.8s     11.00nm          5.3mb
ELK   127.65  46 ePKP   39 58.59    2.3
FVM   145.24  34 ePKP   40 28.60   -0.2
               e        40 35.77
RSNY  145.39  10 ePKP   40 29.15    0.7
MIAR  145.61  42 iPKP   40 30.37    1.2
ITR   146.11 237 ePKP   40 33.10    2.5
               e        40 41.30
               e        45 58.70
YSNY  146.46  16 ePKP   40 32.75    2.4
BINY  147.36  13 ePKP   40 33.78    2.0
SOB1  147.84 233 ePKP   40 36.90    3.5X
               e        40 46.70
GPD   148.81  12 ePKP   40 39.45    5.3X
LPB   153.09 177 (PKP)  40 51.00    9.4X
LPAZ  153.33 177 PKP    40 52.10    9.9X
     S.D. - 1.3  on  55 of  66 obs.
------------------------------------
*  JUN 14, 1994  15h 33m 33.14± 1.37s
   27.596 N ±17.2km   54.339 E ±15.1km
   DEPTH -  33.0km  (normal)
   4.1mb (  6 obs.)
 SOUTHERN IRAN                   (353)
        MD 4.2 (RYD). Felt at Evaz,
        Khonj, Lamard and Lar.
DHR     3.96 252 eP     34 35.00    1.9
               eS       35 02.00
RYD     7.51 249 ePd    35 24.00    0.8
               eS       36 45.00
MJMA    8.28 260 ePd    35 32.50   -1.4
               eS       37 01.00
KER     9.16 319 eP     35 45.00   -1.1
QASM    9.77 264 ePd    35 52.00   -2.5
               eS       37 44.00
KMSA   11.51 233 eP     36 15.00   -3.4X
KHC    37.91 316 eP     40 48.00   -1.0
               e        41 06.50
               e        41 10.00
SBF    40.82 306 eP     41 15.80    2.6
       1.0s     11.20nm          4.6mb
LPG    41.53 308 eP     41 20.10    0.8
       0.8s      1.90nm          3.9mb
LPL    41.55 308 eP     41 20.20    0.8
       0.7s      2.55nm          4.1mb
TCF    44.78 309 eP     41 45.70    0.3
       0.7s      1.75nm          4.0mb
YKA    89.79 355 eP     46 29.20   -0.2
       0.8s      1.30nm          4.3mb
WRA    90.64 112 P      46 33.00   -0.9
       0.5s      0.30nm          3.9mb
     S.D. - 1.6  on  12 of  13 obs.
------------------------------------
%  JUN 14, 1994  15h 57m 41.66± 0.54s
   26.910 S ± 5.6km   26.733 E ± 4.9km
   DEPTH -   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA        (584)
      ML 2.9 (PRE).
BFS     0.05  76 iPc    57 43.20    0.0
               S        57 43.70
PRY     0.66  92 eP     57 54.40   -0.5
               S        58 01.50
KSR     1.05   8 eP     58 01.50   -0.6
               S        58 14.00
SWZ     1.29 258 eP     58 06.60    0.6
               S        58 23.80
SEK     1.61 151 eP     58 11.40    0.4
               S        58 32.10
SLR     1.82  50 iPd    58 14.50    0.5
               S        58 36.50
BLF     2.24 192 iPd    58 20.00   -0.2
               S        58 48.00
NWL     2.98 106 eP     58 31.00    0.4
               S        59 10.00
FRS     3.09 203 iPd    58 31.20   -0.8
               S        59 06.70
BFT     3.21  68 eP     58 34.00    0.1
               S        59 10.00
HVD     3.84 196 eP     58 35.00   -7.8X
               S        59 19.00
     S.D. - 0.6  on  10 of  11 obs.
------------------------------------
*  JUN 14, 1994  16h 00m 41.88± 0.43s
   10.487 S ± 6.2km  113.512 E ± 9.0km
   DEPTH -  33.0km  (normal)
   5.1mb ( 21 obs.)  4.4Msz (  3 obs.)
 SOUTH OF JAWA, INDONESIA        (282)
MKS     7.89  49 ePc    02 38.80    1.6
NANU   12.16 171 eP     03 32.00   -3.8X
       0.3s     29.00nm          6.0mb
               eS       05 40.00
TSM    15.31  17 eP     04 17.50    0.2
KGM    16.04 320 eP     04 31.00    4.3X
MEEK   16.77 164 eP     04 34.00   -2.0
       0.3s     46.00nm          5.1mb
               eS       07 27.00
MRWA   18.78 173 iPc    04 59.20   -1.7
       0.3s     20.00nm          4.8mb
               eS       08 13.00
IPM    19.46 320 ePc    05 08.80   -0.2
BAL    20.24 172 eP     05 19.50    2.3X
       0.3s     10.00nm          4.6mb
PPR    20.79  15 iPd    05 23.00    0.1
DAV    21.19  35 eP     05 26.80   -0.2
COOL   21.50 162 eP     05 31.00    0.9
       0.3s     19.00nm          5.0mb
               e        05 36.00
MUN    21.53 174 eP     05 36.50    6.2X
CGP    21.86  31 eP     05 33.00   -0.7
WOOL   21.87 161 eP     05 34.20    0.5
WOOL   21.87 161 eP     05 42.70    9.0X
               eS       09 24.00
WB2    22.17 118 iPc    05 38.30    1.4
       0.6s     14.70nm          4.6mb
               iS       09 37.30
BIP    22.50  35 eP     05 42.00    1.9
ASPA   23.44 127 iPc    05 52.30    3.0X
       0.8s     33.60nm          4.9mb
     Z  20s     0.60um           4.1Msz
               e        06 36.70
               iS       10 06.10
PGP    24.95  17 eP     06 05.00    1.1
LOE    30.06 337 ePc    06 50.00   -0.5
CHTO   32.47 334 ePc    07 12.10    0.5
       1.1s     47.11nm          5.3mb
STKA   33.56 134 eP     07 23.10    2.0
       0.8s     16.80nm          5.0mb
KMI    36.92 344 P+     07 52.00    2.1
       1.2s     90.00nm          5.5mb
     Z  15s     1.20um           4.8MszX
     N  14s     0.70um
     E  14s     0.80um
```

pP 08 05.40 50kmX
GUMO 39.25 53 eP 08 08.10 -1.2
0.9s 248.80nm 6.0mb
PJG 39.25 53 eP 08 08.30 -1.0
GUA 39.25 53 eP 08 08.20 -1.2
0.9s 228.57nm 5.9mb
SSE 41.99 10 Pc 08 33.00 1.3
1.0s 71.00nm 5.4mb
Z 24s 0.50um 4.3MszX
pP 08 41.50 29kmX
eS 15 08.00
GBA 43.06 303 P 08 41.00 0.4
LZH 47.21 349 Pc 09 13.50 -0.2
2.0s 63.00nm 5.3mb
Z 16s 0.64um 4.7MszX
N 13s 0.60um
pP 09 25.00 41kmX
TKSJ 48.34 23 P 09 21.30 -1.1
POO 48.61 306 eP 09 11.00 -13.7X
WKYJ 49.16 24 P 09 27.50 -1.3
YONJ 49.19 22 P 09 27.60 -1.4
BJI 50.33 3 eP 09 36.50 -1.0
1.8s 33.00nm 5.0mb
Z 22s 0.50um 4.5Msz
NDI 52.40 319 eP 09 52.00 -1.5
ASAJ 60.44 24 eP 10 49.30 -1.3
ZAK 61.27 353 eP 10 55.00 -1.1
1.6s 17.00nm 4.9mb
eS 19 44.00
CIT 62.23 0 eP 11 00.50 -2.1
YSS 62.90 22 eP 11 06.00 -1.0
1.2s 80.00nm 5.7mb
IRK 63.00 354 eP 11 08.00 0.3
e 11 25.00
MAIO 68.89 316 eP 11 46.00 0.2
ASH 70.52 317 eP 11 57.50 1.9
BRVK 73.24 334 iPc 12 11.80 0.3
1.4s 11.00nm 4.7mb
YAK 73.38 8 iPc 12 10.50 -1.6
1.2s 150.00nm 5.9mb
eS 21 37.00
SVE 79.89 334 iPd 12 50.00 1.3
2.5s 50.00nm 5.1mb
Z 20s 0.30um 4.6Msz
E 20s 0.10um
e 13 03.00
eS 23 00.00
ILT 91.53 21 iPd 13 47.70 1.7
1.3s 8.00nm 5.0mb
FVM 145.20 34 (PKP) 20 19.04 0.9
e 20 26.62
RSNY 145.36 10 ePKP 20 19.82 1.6
e 20 27.97
MIAR 145.57 42 iPKP 20 21.58 2.7X
e 20 29.37
ITR 146.15 237 ePKP 20 23.60 3.2X
SOB1 147.89 233 ePKP 20 29.90 6.7X
GPD 148.79 12 (PKP) 20 31.00 7.1X
e 20 38.48
CVL 150.59 19 (PKP) 20 34.79 8.1X
CEH 152.24 22 (PKP) 20 38.88 9.7X
LHS 152.77 27 (PKP) 20 39.99 10.1X
LPAZ 153.35 176 PKP 20 43.40 11.3X
S.D. = 1.3 on 41 of 56 obs.

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* JUN 14, 1994 16h 25m 41.63± 0.32s
10.822 S ± 8.1km 112.991 E ±12.7km
DEPTH = 33.0km (normal)
4.8mb (8 obs.)
SOUTH OF JAWA, INDONESIA (282)

NANU 11.92 169 eP 28 31.50 -0.9
0.3s 21.00nm 5.8mb
eS 30 34.00
MEEK 16.60 162 eP 29 32.50 -1.1
0.3s 17.00nm 4.7mb
eS 32 25.00
MRWA 18.52 172 eP 29 59.00 1.6
0.3s 6.00nm 4.3mb
eS 33 12.00
IPM 19.39 321 ePc 30 08.00 0.0
KLB 21.14 169 eP 30 33.50 7.4X
MUN 21.26 172 eP 30 35.00 7.6X
WOOL 21.74 159 eP 30 37.20 5.1X
eS 34 25.70
WB2 22.48 116 eP 30 38.80 -0.9
0.7s 10.00nm 4.4mb
eS 34 22.20
ASPA 23.66 125 iPd 30 51.60 0.4
0.5s 21.40nm 4.9mb
STKA 33.71 133 eP 32 23.10 1.0
0.7s 8.80nm 4.8mb
KMI 37.10 344 eP 32 51.40 0.2
1.2s 20.00nm 4.9mb
pP 32 59.20 26kmX
ODAN 44.95 327 P 33 56.12 0.3
TAPN 45.18 328 P 33 58.22 0.5
JIRN 46.24 326 P 34 06.22 0.1
PKI 46.60 326 P 34 08.74 -0.2
DMN 46.79 325 P 34 10.36 -0.1
KKN 46.84 326 P 34 10.76 0.0
GKN 47.36 325 P 34 14.42 -0.4
KOLN 47.77 324 P 34 18.22 0.1
DANN 48.12 325 P 34 20.58 -0.3
0.7s 24.00nm 5.3mb
PYUN 48.38 324 P 34 22.26 -0.5
FVM 145.76 34 ePKP 45 18.98 0.1
S.D. = 0.7 on 19 of 22 obs.

& JUN 14, 1994 16h 54m 55.04s
60.992 N 150.055 W
DEPTH = 49.6km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.7 (AEIC).

PMS 0.35 43 P 55 04.50 -0.2
S 55 11.70
SLKM 0.49 190 iP 55 05.85 -0.5
eS 55 14.33
PTE 0.52 104 eP 55 06.03 -0.5
eS 55 14.85
NKA 0.63 247 eP 55 08.90 1.0
PWA 0.67 7 P 55 07.70 -0.7
PLRM 0.75 36 eP 55 08.63 -0.9
eS 55 19.72
PMR 0.75 36 eP 55 08.26 -1.3
eS 55 18.25
KNK 0.88 61 eP 55 10.78 -0.6
SEW 0.94 161 eP 55 11.13 -1.0
GHO 0.95 34 eP 55 11.63 -0.8
SPU 0.99 282 eP 55 12.15 -0.7
eS 55 25.70
CRP 1.06 286 eP 55 13.70 -0.2
eS 55 28.17
CKN 1.06 284 eP 55 13.75 -0.1
CKT 1.07 282 eP 55 13.13 -0.8
eS 55 28.20
BKG 1.08 275 eP 55 13.49 -0.6
CP2 1.10 285 eP 55 13.90 -0.6
NNL 1.13 213 eP 55 14.89 0.1
SML 1.17 45 eP 55 14.39 -0.9
eS 55 30.24
RDT 1.23 251 eP 55 15.37 -0.8
BRLK 1.30 199 eP 55 16.43 -0.7
DFR 1.35 254 eP 55 17.21 -0.7
REF 1.39 250 eP 55 17.93 -0.7
eS 55 36.13
RSO 1.43 249 eP 55 18.58 -0.6
RS2 1.43 249 eP 55 18.71 -0.5
RED 1.45 248 eP 55 18.68 -0.7
eS 55 37.09
HOM 1.55 211 eP 55 20.85 0.2
SCM 1.56 56 eP 55 19.92 -1.0
CNPM 1.58 202 eP 55 20.23 -0.9
INE 1.76 239 eP 55 22.88 -0.8
VLZ 1.82 84 eP 55 23.05 -1.3
HIN 1.85 107 eP 55 23.20 -1.7
KLU 2.06 74 eP 55 26.43 -1.5
OPT 2.07 231 eP 55 28.06 0.0
TOA 2.17 57 P 55 28.90 -0.6
AUE 2.33 227 eP 55 30.93 -0.7
AUL 2.34 228 eP 55 31.51 -0.3
AUP 2.35 227 eP 55 32.14 0.2
PDB 2.38 241 eP 55 31.85 -0.6
MID 2.43 129 P 55 32.30 -0.7
TZL 2.46 63 eP 55 33.10 -0.4
KTH 2.60 351 eP 55 36.84 1.2
SDG 2.64 52 eP 55 35.51 -0.6
SVW 2.71 275 eP 55 34.96 -2.2
MCNL 2.81 232 eP 55 38.09 -0.4
PAX 2.94 45 eP 55 39.62 -0.8
GLB 3.05 79 eP 55 39.92 -2.2
WRH 3.61 14 eP 55 49.34 -0.5
HDA 3.71 21 eP 55 51.22 -0.1
BALM 3.75 86 P 55 49.70 -2.3
CCB 3.81 15 eP 55 51.76 -0.9
ILB 4.06 20 eP 55 55.34 -0.9
IL1 4.06 20 eP 55 55.29 -0.9
BCA3 4.42 58 eP 55 59.10 -2.1
IM3 5.28 343 P 56 13.00 -0.3
BM3 6.87 18 eP 56 31.62 -4.1
55 obs. associated

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* JUN 14, 1994 16h 56m 29.54± 0.70s
35.177 N ± 6.2km 3.772 W ± 7.7km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.4 (MDD). MD 3.4 (RBA).

EMEL 0.68 79 eP 56 47.88 4.9X
eS 56 59.50
TAF 1.17 108 iP 56 51.50 0.0
iPn 56 56.00
eSn 57 12.00
i 57 14.50
EGUA 1.66 6 eP 56 57.63 -1.2
eS 57 17.10
ERON 1.84 359 eP 57 00.75 -0.8
eS 57 20.30
EJIF 1.88 313 eP 57 02.50 0.6
eS 57 24.10
ELOJ 1.99 351 eP 57 03.66 0.0
eS 57 23.60
IFR 2.00 214 iPn 57 05.50 1.6
i 57 09.00
iSn 57 28.50
ALJ 2.11 316 iP 57 06.50 1.1
ALJ 2.11 316 iP 57 07.00 1.6
EPRU 2.14 327 eP 57 05.48 -0.3
eS 57 27.60
ENIJ 2.19 35 eP 57 07.73 1.2
eS 57 32.20
EHOR 2.90 336 eP 57 15.11 -1.4
eS 57 45.50
AVE 3.55 239 ePn 57 24.00 -1.8
eSn 58 02.00
i 58 08.00
TIO 5.15 216 iPn 57 48.00 -0.7
iSn 58 45.00
S.D. = 1.3 on 13 of 14 obs.

? JUN 14, 1994 17h 56m 47.54± 2.65s
31.535 S ±23.1km 68.311 W ±35.4km
DEPTH = 110.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)
MD 4.5 (SAN).

ZON 0.31 268 iPd 57 03.50 -0.1
eS 57 14.50
JACH 2.25 239 iPd 57 25.79 1.4
(S) 57 55.92
FCH 2.45 223 iPd 57 28.10 0.9
iS 57 59.40
PEL 2.57 231 iPd 57 28.73 0.2
iS 57 59.91
ROCH 2.70 237 iPd 57 30.62 0.2
iS 58 03.60
PCH 2.79 221 iP 57 31.82 0.3
TACH 3.06 226 iPd 57 34.84 -0.3
iS 58 11.07
CHCH 3.10 219 iPd 57 35.81 0.1
CACH 3.22 216 iP+ 57 37.64 0.3
(S) 58 13.86
LCCH 3.37 234 iP+ 57 38.04 -1.2
LNV 3.56 226 iPd 57 40.07 -1.7
iS 58 20.92
S.D. = 1.0 on 11 of 11 obs.

JUN 14, 1994 18h 58m 14.86± 0.38s
39.849 N ± 5.3km 24.487 E ± 2.9km
DEPTH = 10.0km (geophysicist)
3.7mb (8 obs.)
AEGEAN SEA (365)
MD 3.8 (ATH). ML 3.6 (TIR).

OUR 0.62 322 ePg 58 28.02 0.7
eSg 58 34.82
PAIG 0.63 277 ePg 58 26.85 -0.6
eSg 58 36.02
SOH 1.30 319 iPb 58 39.38 0.4
eSb 58 57.46

14d 18h

THE 1.40 304 iPb 58 40.46 0.0
eSb 58 57.78
EZN 1.42 90 iPn 58 41.20 0.6
PRK 1.51 113 ePn 58 43.20 1.3
RDO 1.52 31 iPnc 58 42.60 0.5
ALN 1.59 48 ePb 58 42.98 0.0
eSb 59 06.74
KNT 1.79 318 ePb 58 47.02 1.1
eSb 59 11.02
RZN 1.84 5 iPc 58 47.00 0.0
AGG 1.86 244 ePb 58 46.70 -0.4
eSb 59 10.58
KDZ 1.93 21 iPc 58 48.00 -0.1
GRG 1.94 305 iPb 58 48.57 0.4
eSb 59 12.62
ATH 1.97 198 iPnc 58 48.00 -0.6
VAY 2.07 316 iPn 58 50.40 0.3
i 58 54.60
i 59 01.20
i 59 10.00
i 59 21.30
i 59 23.70
Lg 59 30.50
KZN 2.13 283 iPnd 58 51.50 0.4
KKB 2.28 333 iP 58 53.00 -0.1
MFT 2.33 65 iPn 58 52.80 -1.2
DIM 2.34 19 iP 58 54.00 0.1
FNA 2.56 292 ePn 58 57.50 0.4
EDC 2.64 78 iPn 58 57.00 -1.2
BNT 2.68 78 ePn 58 57.80 -1.0
KBN 2.94 286 ePn 59 02.50 0.0
KCT 3.00 81 iPn 59 03.80 0.5
LSK 3.00 277 ePn 59 03.80 0.4
SKO 3.14 314 iPn 59 06.00 0.8
i 59 10.00
DST 3.20 93 ePn 59 06.80 0.5
IGT 3.22 266 ePn 59 08.66 2.2
eSn 59 43.98
CTT 3.27 65 ePn 59 08.00 0.8
VLI 3.36 202 ePn 59 07.50 -0.9
VLS 3.46 242 ePn 59 13.50 3.6X
PHP 3.58 302 ePn 59 11.70 0.1
iSn 00 04.20
KEK 3.62 269 ePn 59 15.00 2.9
YLV 3.81 78 ePn 59 14.80 -0.1
TIR 3.82 295 ePn 59 17.50 2.5
LACI 4.04 298 ePn 59 16.60 -1.5
HRT 4.08 75 ePn 59 19.00 0.4
SDA 4.37 302 ePn 59 27.40 4.6X
EYL 4.40 79 ePn 59 23.00 -0.3
NPS 4.67 169 ePb 59 34.80 7.8X
GEC2 11.84 323 Pg 01 15.60 8.8X
KHC 12.10 324 eP 01 19.00 8.8X
e 01 28.00
SBF 13.33 293 eP 01 25.30 -1.3
0.9s 7.20nm 4.7mb
LPG 14.21 299 eP 01 35.70 -2.7
0.8s 2.95nm 4.1mb
LPL 14.23 299 eP 01 36.00 -2.6
0.7s 1.85nm 3.9mb
LBF 16.49 302 eP 02 05.50 -2.3
0.6s 1.45nm 3.3mb
LOR 16.66 303 eP 02 05.40 -4.5X
0.8s 3.65nm 3.6mb
SSF 16.82 302 eP 02 06.40 -5.5X
0.9s 3.10nm 3.4mb
AVF 16.84 301 eP 02 11.00 -1.2
0.7s 2.45nm 3.4mb
NB2 22.75 343 P 03 18.80 0.7
0.8s 6.60nm 4.2mb
S.D. = 1.2 on 43 of 50 obs.

JUN 14, 1994 19h 12m 44.98± 0.13s
25.928 N ± 2.4km 124.070 E ± 3.0km
DEPTH = 212.4km (5 depth phases)
5.2mb (95 obs.)
NORTHEAST OF TAIWAN (245)

SSE 5.74 334 Pnc 14 11.50 1.8
1.0s 24.00nm 4.3mb
pP 14 19.60
SSE 5.74 334 Pb 14 26.60 16.9X
Pg 14 47.70
BBP 5.79 200 ePc 14 07.00 -3.4X
KAGJ 7.96 47 eP 14 37.60 -1.1
eS 16 06.60
PIP 8.21 204 iPd 14 40.50 -1.5
CVP 8.45 195 ePd 14 45.50 0.6
KUMJ 8.84 40 P 14 51.20 1.2
SZP 8.99 203 iPc 14 52.50 0.7
HKC 9.73 250 iP 15 03.80 2.3
BCP 10.00 199 eP 15 04.00 -1.1
SHNJ 10.19 35 eP 15 09.70 2.3
TKSJ 11.80 45 P 15 23.80 -4.1X
TKSJ 11.80 45 P 15 24.40 -3.5X
GQP 12.06 188 eP 15 32.00 0.7
YONJ 12.27 39 P 15 31.00 -2.9X
PGP 12.70 194 eP 15 39.50 0.0
WKYJ 12.95 48 P 15 37.00 -5.5X
WKYJ 12.95 48 P 15 39.40 -3.1X
TSRJ 14.01 44 P 15 54.10 -1.6
PLP 14.71 176 ePd 16 05.70 1.3
IIDJ 15.23 48 P 16 08.90 -1.8
BJI 15.54 337 eP 16 15.50 1.1
1.0s 67.00nm 5.0mb
eS 19 08.00
eScS 27 54.50
MTMJ 15.82 45 P 16 17.90 0.0
MAT 16.05 45 eP 16 21.00 0.4
0.9s 25.21nm 4.6mb
eS 19 33.00
CHJJ 16.28 48 P 16 23.20 -0.2
NIIJ 16.98 45 P 16 31.70 0.2
KAKJ 17.16 49 P 16 32.90 -0.6
CGP 17.39 178 eP 16 36.00 0.0
BIP 17.73 173 eP 16 41.50 1.9
YAMJ 18.19 44 eP 16 44.80 0.4
VLA 18.31 19 iPc 16 47.00 1.5
0.8s 70.00nm 5.2mb
KMI 19.27 272 iP- 16 56.00 0.2
0.6s 140.00nm 5.7mb
pP 17 08.00 53kmX
eS 20 24.00
LZH 20.04 305 iPd 17 03.70 0.2
1.2s 190.00nm 5.5mb
pP 17 26.00 123kmX
sP 17 38.00
i 18 00.00
eS 20 36.00
KKM 21.15 202 ePc 17 15.00 0.5
0.5s 28.80nm 5.1mb
TSM 22.32 196 eP 17 26.00 0.3
HOOJ 22.77 39 eP 17 28.50 -1.4
GUMO 23.06 118 eP 17 32.70 -0.2
0.9s 338.70nm 6.0mb
e 17 33.80 4kmX
PJG 23.06 118 eP 17 32.90 0.0
GUA 23.13 118 eP 17 33.00 -0.5
0.7s 312.33nm 6.0mb
e 18 15.60
ASAJ 23.58 35 eP 17 36.10 -1.6
KUSJ 24.03 39 eP 17 41.70 -0.2
BDT 24.82 255 eP 17 48.00 -1.4
1.0s 12.40nm 4.5mb
YSS 25.72 30 eP 17 59.20 1.9
CIT 27.22 346 eP 18 11.40 0.4
e 21 26.00
ZAK 29.19 332 iPd 18 27.00 -1.4
1.8s 51.00nm 4.9mb
e 19 36.40 377kmX
e 21 31.00
IRK 30.25 336 eP 18 37.10 -0.7
1.8s 27.00nm 4.7mb
IPM 30.63 230 ePd 18 41.60 0.2
0.8s 145.90nm 5.7mb
KGM 31.05 223 eP 18 44.50 -0.6
0.6s 80.30nm 5.6mb
KLM 31.29 227 eP 18 46.50 -0.7
TAPN 32.46 281 Pd 18 57.85 0.1
0.6s 279.00nm 6.0mb
ODAN 32.80 280 Pd 19 00.45 -0.1
0.8s 559.00nm 6.3mb X
RAMN 33.49 280 Pd 19 06.25 -0.2
0.6s 126.00nm 5.7mb
JIRN 33.77 282 Pd 19 08.97 -0.1
0.6s 250.00nm 6.0mb
GUN 34.02 282 Pd 19 11.11 0.0
0.7s 268.00nm 6.0mb
PKI 34.47 282 Pd 19 14.51 -0.4
0.8s 358.00nm 6.0mb
KKN 34.56 282 Pd 19 15.41 -0.2
0.7s 391.00nm 6.1mb
DMN 34.73 282 Pd 19 16.87 -0.2
0.8s 374.00nm 6.1mb
GKN 35.11 282 Pd 19 19.89 -0.2
0.7s 391.00nm 6.1mb
DANN 35.84 283 Pd 19 26.89 0.5
0.6s 591.00nm 6.4mb X
KOLN 36.04 282 Pd 19 28.15 0.2
0.9s 295.00nm 5.9mb
YAK 36.28 4 eP 19 28.20 -1.1
0.8s 115.00nm 5.5mb
e 20 17.00 231kmX
i 21 49.00
PYUN 36.54 283 Pd 19 32.73 0.5
0.7s 305.00nm 6.0mb
PET 37.40 34 eP 19 38.00 -0.7
0.6s 100.00nm 5.6mb
MTN 39.15 169 eP 19 53.00 -0.6
PMG 41.69 144 eP 20 15.00 0.5
HYB 42.96 268 eP 20 25.00 0.0
1.0s 180.00nm 5.5mb
FRU 43.52 306 iPd 20 34.00 4.9X
e 22 14.00 553kmX
GBA 45.34 264 Pd 20 44.20 0.4
0.8s 999.90nm 6.3mb X
WRA 46.67 167 P 20 54.50 0.3
0.4s 5.40nm 4.3mb
POO 46.84 272 iPd 21 00.00 4.3X
1.0s 50.00nm 4.9mb
BRVK 48.10 319 iPd 21 04.60 -0.3
1.3s 234.00nm 5.4mb
eS 27 44.00
NANU 48.91 190 eP 21 10.50 -0.8
ASPA 50.21 168 iPc 21 21.60 0.3
0.4s 11.50nm 4.7mb
ipP 22 05.50 198km
iScP 26 12.60
eS 28 16.20
iScS 30 46.90
ILT 54.06 23 iP 21 46.60 -2.7
SVE 54.22 323 iPd 21 50.00 -0.6
1.5s 280.00nm 5.7mb
e 22 50.00 275kmX
MRWA 55.38 189 iPd 21 58.40 -0.8
0.4s 31.00nm 5.3mb
ASH 56.01 300 iPc 22 04.50 0.7
0.9s 610.00nm 6.3mb X
COOL 56.56 183 iPd 22 06.60 -1.0
0.4s 29.00nm 5.3mb
BAL 56.65 188 eP 22 07.10 -1.1
WOOL 56.75 182 eP 22 07.30 -1.5
KLB 57.51 186 eP 22 13.40 -0.8
MUN 58.07 188 eP 22 27.10 9.0X
STKA 59.87 163 eP 22 29.70 -0.7
0.8s 8.90nm 4.5mb
RKG 60.54 187 eP 22 34.50 -0.4
ARMA 61.93 153 eP 22 45.20 0.8
0.7s 5.00nm 4.4mb
DZM 62.96 135 iPc 22 51.90 0.6
IMA 63.48 27 eP 22 53.63 -0.6
0.6s 1.59nm 4.0mb X
GRO 64.55 308 iPd 23 03.00 1.7
1.0s 220.00nm 5.9mb
e 32 35.00
TAB 65.30 302 eP 23 07.00 0.6
KER 65.65 298 iP 23 07.70 -1.0
SLKM 65.72 33 eP 23 08.22 -0.4
e 23 37.82 120kmX
LVZ 66.05 336 eP 23 10.00 -0.6
e 23 39.00 117kmX
PYA 66.25 309 iPd 23 11.00 -1.3
1.0s 150.00nm 5.7mb
i 23 37.00 103kmX
MOS 67.03 322 iPd 23 16.00 -0.9
1.8s 210.00nm 5.6mb
OBN 67.75 322 iPd 23 20.60 -0.7
1.1s 117.00nm 5.5mb
SOC 68.71 309 iPd- 23 27.00 -0.5
1.0s 200.00nm 5.8mb
SDF 69.23 336 iP 23 30.00 -0.2
ANN 70.01 311 iPd 23 34.80 -0.5
0.8s 70.00nm 5.4mb
e 33 14.00
INK 70.63 23 eP 23 38.50 -0.2
0.7s 2.00nm 4.0mb X
KAF 70.94 330 iP 23 39.80 -0.8
0.5s 15.00nm 5.0mb
MBC 70.99 13 eP 23 40.00 -0.7
0.5s 2.00nm 4.1mb X
NUR 72.24 329 iP 23 48.00 -0.3

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     0.6s    16.50nm          4.9mb
DAG  75.06 352 iPc    24 03.20  -1.1
     0.6s    10.00nm          4.7mb
UPP  75.71 330 iP     24 08.00  -0.2
RES  76.52  10 eP     24 12.50   0.0
     1.0s     5.00nm          4.2mb
               pP     25 05.00 220km
HFS  77.32 331 eP     24 16.60  -0.5
     0.6s    47.60nm          5.4mb
NB2  77.90 333 P      24 19.90  -0.5
     0.6s    17.80nm          5.0mb
UZH  78.26 318 eP     24 23.00   0.5
     1.0s    45.00nm          5.2mb
BSD  79.28 326 iP     24 28.00   0.2
     0.6s    27.00nm          5.2mb
OKC  80.13 321 Pd     24 32.90   0.4
YKA  80.34  24 eP     24 33.50   0.1
     0.6s     5.20nm          4.4mb
   Z 17s      0.03um          3.7MszX
               LR     03 08.00
SRS  80.73 311 eP     24 34.84  -1.0
OUR  80.81 310 iP     24 35.57  -0.7
SOH  81.02 311 eP     24 35.96  -1.5
KNT  81.18 311 eP     24 37.42  -0.8
PAIG 81.19 310 eP     24 36.36  -1.9
MUD  81.30 329 iPc    24 39.60   1.2
     0.6s    20.00nm          5.0mb
VAY  81.33 312 iPc    24 39.00   0.1
     0.9s    80.00nm          5.4mb
ZST  81.53 320 iP     24 38.80  -1.0
GRG  81.60 311 eP     24 38.80  -1.7
SKO  81.78 313 iPd    24 41.80   0.5
     0.9s   120.00nm          5.6mb
BRG  81.94 323 iPd    24 42.50   0.5
     1.0s    18.00nm          4.8mb
PRU  82.08 322 iPd    24 43.00   0.3
     1.4s    23.80nm          4.7mb
CLL  82.22 324 iPd    24 43.60   0.2
     1.0s    38.00nm          5.1mb
               i      25 36.00 216km
FNA  82.37 312 eP     24 42.92  -1.6
AGG  82.53 310 iP     24 43.57  -1.7
KHC  83.06 322 P      24 48.50   0.7
     1.0s    14.00nm          4.6mb
               e      25 07.00  67kmX
               e      26 04.00
               e      27 43.00
               eSg    36 36.50
GEC2 83.14 321 P      24 48.30   0.0
     0.9s    25.37nm          4.9mb
               PP     27 35.50
               e      27 41.00
MOX  83.32 324 eP     24 49.50   0.5
     1.3s    20.00nm          4.7mb
PTJ  83.35 318 iPd    24 49.60   0.2
IGT  83.67 311 eP     24 49.68  -1.3
GRF  84.05 323 iPd    24 53.70   1.0
     0.8s    18.20nm          4.9mb
               ePP    28 06.50
LJU  84.13 319 eP     24 53.50   0.3
               e      25 46.00 216km
BHG  84.21 321 iPd    24 54.40   0.9
     0.8s    51.00nm          5.3mb
KBA  84.28 320 iPd    24 54.00  -0.1
     0.6s    17.00nm          4.9mb
               i      27 54.00
               i      28 13.50
HVAR 84.43 316 iP     24 54.10  -0.6
VOY  84.52 319 iPd    24 54.90  -0.3
               i      24 59.50  15kmX
               e      25 48.00
WIT  84.61 327 eP     24 57.50   2.2
FUR  84.87 322 iPd    24 57.90   1.0
     0.9s   101.00nm          5.6mb
WTS  85.02 327 eP     24 58.50   1.0
     0.8s    16.70nm          4.8mb
WATA 85.16 321 iPd    24 58.30  -0.2
WTTA 85.16 321 iPd    24 58.60   0.0
     0.7s    16.60nm          4.9mb
               i      28 19.90
TNS  85.23 324 ePd    24 59.20   0.5
SQTA 85.43 321 iPd    24 59.70  -0.1
     1.0s    19.00nm          4.8mb
OGA  85.73 321 iPc    25 02.00   0.6
ENN  86.21 326 eP     25 04.50   1.2
     1.0s    48.00nm          5.3mb
HOFF 86.23 324 P      25 04.57   1.1
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MEM  86.26 326 iPc    25 04.40   0.8
     1.4s     8.70nm          4.4mb
LANF 86.30 324 P      25 04.48   0.6
OSS  86.33 321 ePd    25 04.70   0.4
SLE  86.63 322 ePd    25 05.50   0.0
WLF  86.76 325 iPc    25 07.26   1.3
     1.1s    19.70nm          4.9mb
VDL  86.83 321 ePd    25 07.30   0.6
FEL  86.83 323 P      25 06.48  -0.1
WLS  86.87 323 P      25 07.00   0.3
LLS  86.87 322 ePd    25 07.00   0.1
CDF  86.91 323 iPd    25 07.40   0.4
     1.0s    42.80nm          5.2mb
ECH  87.09 323 P      25 07.84   0.1
MOF  87.33 323 P      25 08.99   0.0
BBS  87.35 323 P      25 08.41  -0.6
TMA  87.39 321 ePd    25 09.00  -0.4
BSF  87.52 323 iPd    25 09.80  -0.1
     0.8s    15.60nm          4.9mb
HAU  87.66 323 iPd    25 10.50   0.1
     0.9s    15.40nm          4.8mb
LOMF 87.79 323 P      25 10.79  -0.4
MMK  87.93 321 ePd    25 12.70   0.6
NEW  88.08  36 eP     25 14.42   1.9
     0.8s     9.58nm          4.7mb
DIX  88.23 322 ePd    25 14.00   0.5
PCP  88.48 320 P      25 13.74  -0.8
EMS  88.50 322 ePd    25 14.70   0.0
LSD  88.74 321 P      25 16.76   0.8
RSP  88.86 321 P      25 14.93  -1.4
FIN  88.87 320 P      25 15.30  -1.0
LPL  88.94 321 iPd    25 17.40   0.5
     0.7s    55.55nm          5.6mb
LPG  88.94 321 iPd    25 17.50   0.5
     0.7s    59.10nm          5.6mb
ROB  89.02 320 P      25 16.26  -0.8
BHB  89.04 321 P      25 15.30  -1.8
RRL  89.27 321 P      25 18.50   0.1
ENR  89.32 320 P      25 16.76  -1.7
PZZ  89.34 320 P      25 16.44  -2.2
STV  89.36 320 P      25 16.49  -2.2
PGF  89.37 318 iPd    25 19.00   0.2
     0.8s    26.05nm          5.2mb
SAOF 89.38 320 P      25 18.71   0.0
LOR  89.44 324 iPd    25 19.00   0.1
     0.9s     6.40nm          4.6mb
AUTN 89.45 320 P      25 19.28   0.0
SURF 89.52 320 P      25 19.23  -0.3
SBF  89.53 320 iPd    25 19.40   0.0
     0.7s    64.15nm          5.7mb
TOUF 89.55 320 P      25 19.67   0.0
LBF  89.55 324 iPd    25 19.50   0.0
     0.7s    10.15nm          4.9mb
AURF 89.57 320 P      25 19.79   0.1
GRN  89.66 322 P      25 20.37   0.3
SSF  89.75 324 iPd    25 20.60   0.3
     0.9s     8.20nm          4.7mb
SMF  89.84 323 iPd    25 21.10   0.4
     0.8s    20.95nm          5.1mb
CALN 89.91 320 P      25 21.32   0.0
AVF  90.01 324 iPd    25 21.80   0.3
     0.7s     9.80nm          4.8mb
FRB  90.08   6 eP     25 21.00  -0.4
     0.6s     6.00nm          4.7mb
FRF  90.17 320 iPd    25 22.40   0.1
     0.8s    41.50nm          5.4mb
LMR  90.38 320 iPd    25 23.60   0.3
     1.0s    49.60nm          5.4mb
LRG  90.40 320 iPd    25 23.90   0.6
     0.8s    56.15nm          5.6mb
FLN  90.68 327 iPd    25 24.10  -0.4
     0.6s     2.25nm          4.3mb
MAF  90.79 324 iPd    25 26.00   0.9
     0.8s     5.50nm          4.6mb
TCF  90.93 324 iPd    25 26.60   0.8
     0.9s     6.20nm          4.6mb
LPF  91.45 327 iPd    25 28.00  -0.1
     0.6s     4.35nm          4.6mb
CAF  91.89 323 iPd    25 31.50   1.3
     0.8s    21.65nm          5.2mb
RJF  91.94 323 iPd    25 31.80   1.4
     1.1s    33.95nm          5.3mb
LRM  92.09  36 eP     25 33.80   2.3
               e      26 26.50 213km
LPO  92.52 323 iPd    25 34.30   1.2
     1.0s    15.00nm          5.0mb
TNP  94.26  44 eP     25 43.62   2.1
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     0.7s     3.76nm          4.7mb
KIC  120.87 296 PKP   31 14.06   0.0
     0.5s    10.00nm
TIC  120.93 296 PKP   31 14.08  -0.1
     0.6s     9.50nm
LIC  121.18 296 PKP   31 14.58  -0.1
     0.5s     7.00nm
ITR  156.16 313 ePKP  32 16.10   0.4
SOB1 158.09 317 (PKP) 32 20.00   1.9
LPAZ 165.12  52 PKP   32 28.20   2.4
BAO  167.36 323 ePKP  32 28.10   1.2
   S.D. = 0.9  on 204 of 214 obs.
-----------------------------------------
* JUN  14, 1994  19h 40m 13.23± 0.45s
  10.860 S ± 9.8km  113.274 E ±15.4km
  DEPTH =  33.0km  (normal)
  4.7mb (  6 obs.)
SOUTH OF JAWA, INDONESIA          (282)

NANU   11.83 170 eP    43 01.70  -1.0
       0.3s     9.00nm          5.4mb
                  eS   45 05.00
MEEK   16.48 163 eP    44 04.00   0.3
                  eS   46 56.00
MRWA   18.44 172 eP    44 28.70   0.6
       0.3s     4.00nm          4.1mb
                  eS   47 42.00
MUN    21.19 173 eP    45 06.50   8.2X
WOOL   21.60 160 eP    45 20.20  17.8X
                  eS   48 56.90
WB2    22.21 117 eP    45 07.60  -1.0
       0.5s     8.60nm          4.5mb
ASPA   23.41 126 iPd   45 21.30   0.9
       0.6s    18.00nm          4.8mb
STKA   33.48 133 eP    46 52.00   0.3
       1.3s     8.70nm          4.5mb
ODAN   45.14 327 P     48 28.30  -0.6
TAPN   45.36 327 P     48 31.70   1.0
JIRN   46.42 326 P     48 39.76   0.5
DMN    46.98 325 P     48 42.78  -0.8
KKN    47.03 325 P     48 44.30   0.5
GKN    47.55 325 P     48 48.36   0.5
KOLN   47.97 324 P     48 50.12  -1.1
       0.7s    10.00nm          5.0mb
   S.D. = 0.9  on  13 of  15 obs.
-----------------------------------------
* JUN  14, 1994  19h 40m 23.39± 0.82s
  46.367 N ± 5.7km    0.286 W ± 7.8km
  DEPTH =  10.0km  (geophysicist)
FRANCE                            (538)
     ML 2.6 (LDG).

MFF     0.25  22 Pg    40 30.90   2.1
                 Sg    40 36.00
LSF     1.26  95 Pn    40 47.00   0.1
                 Pg    40 48.10
                 Sg    41 05.20
LFF     1.60 153 Pg    40 50.90  -0.8
                 Sg    41 11.20
RJF     1.65 130 Pg    40 53.40   0.9
                 Sg    41 13.80
TCF     1.73  92 Pn    40 54.20   0.5
                 Pg    40 56.00
                 Sg    41 19.00
LPF     1.74 343 Pn    40 53.60  -0.2
                 Pg    40 56.80
                 Sg    41 19.90
LPO     1.98 148 Pg    40 58.50   1.2
                 Sg    41 22.10
MAF     1.98  93 Pn    40 57.30  -0.1
                 Pg    41 01.40
                 Sg    41 26.60
GRR     2.06 349 Pn    40 58.30  -0.1
                 Pg    41 03.20
                 Sg    41 30.30
BGF     2.17  84 Pn    40 59.90  -0.2
                 Pg    41 04.60
                 Sg    41 34.30
CAF     2.19 130 Pg    41 03.20   2.8X
                 Sg    41 31.30
LDF     2.23   3 Pn    41 00.50  -0.4
                 Pg    41 06.80
                 Sg    41 36.00
FLN     2.40 357 Pn    41 03.00  -0.3
                 Pg    41 08.40
                 Sg    41 41.10
AVF     2.54  79 Pn    41 04.80  -0.6
```

14d 19h

Pg 41 12.00
Sg 41 45.10
SSF 2.70 74 Pn 41 06.80 -0.8
Pg 41 13.70
Sg 41 50.40
SMF 2.86 83 Pn 41 09.50 -0.4
Pg 41 17.60
Sg 41 54.60
LBF 3.00 77 Pn 41 11.10 -0.8
Pg 41 19.70
Sg 41 58.80
S.D. = 0.9 on 16 of 17 obs.

JUN 14, 1994 21h 01m 55.47± 0.17s
1.525 N ± 3.0km 126.305 E ± 4.1km
DEPTH = 33.0km (8 depth phases)
5.7mb (67 obs.) 4.9Msz (39 obs.)
NORTHERN MOLUCCA SEA (266)
Mw 5.6 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 50S, 90C
Centroid Location:
Origin Time 21:02: 1.9 0.2
Lat 1.92N 0.03 Lon 126.57E 0.03
Dep 34.2 1.9 Half-duration 1.4
Moment Tensor; Scale 10**17 Nm
Mrr= 2.45 0.08 Mtt=-0.68 0.07
Mff=-1.77 0.11 Mrt= 0.81 0.17
Mrf=-0.20 0.15 Mtf=-1.56 0.08
Principal Axes:
T Val= 2.73 Plg=71 Azm= 26
N 0.17 19 217
P -2.90 3 126
Best Double Couple:Mo=2.8*10**17
NP1:Strike=197 Dip=45 Slip= 63
NP2: 53 51 114

DAV 5.57 353 ePc 03 19.00 0.7
eS 04 30.00
CTB 6.02 340 ePc 03 26.50 2.0
BIP 6.66 360 eP 03 32.50 -1.0
eS 04 42.00
CGP 7.07 347 ePd 03 41.00 1.7
eS 04 03.00
TSM 8.86 288 ePc 04 04.50 0.2
0.8s 417.10nm 6.6mb
e 11 53.50
MAP 9.04 345 ePd 04 07.00 0.2
eS 04 52.00
MKS 9.56 226 ePc 04 16.50 2.5
PLP 9.67 352 ePd 04 17.00 1.6
KKM 11.02 294 ePc 04 37.50 3.4X
0.7s 207.00nm 6.4mb
PPR 11.13 318 iPc 04 38.00 2.5
GQP 12.88 343 ePd 05 01.00 2.0
PGP 13.03 336 eP 05 03.00 2.0
PGP 13.03 336 eP 05 08.00 7.0X
JAY 14.94 106 ePc 05 27.30 1.1
eS 06 47.10
MTN 15.06 162 eP 05 27.00 -0.6
0.4s 125.00nm 5.6mb
BAG 15.83 339 eP 05 39.00 1.2
CVP 16.67 345 ePd 05 49.60 1.3
SZP 16.93 340 iP 05 55.00 3.4X
PIP 17.60 342 iPd 06 01.00 1.0
WWKK 18.05 106 eP 06 06.90 1.3
GUMO 21.93 56 P 06 48.90 0.9
GUMO 21.93 56 eP 06 42.10 -5.9X
1.4s 149.30nm 5.2mb
e 06 48.90 24km
GUA 21.94 56 eP 06 41.70 -6.5X
LAT 22.20 112 eP 06 51.10 0.4
WB2 22.75 160 iPc 06 54.20 -1.9
0.4s 242.70nm 6.0mb
i 06 57.80 13kmX
eS 11 04.30
KGM 22.98 272 eP 07 01.00 2.6
PMG 23.44 118 eP 07 03.50 0.6
TATO 23.77 349 P 07 06.50 0.5
HKC 23.79 331 iP 07 07.20 1.0
S 11 08.00
KLM 24.69 274 eP 07 16.00 1.0
IPM 25.42 277 ePd 07 22.40 0.4
0.7s 34.50nm 5.1mb
e 10 05.50
ASPA 26.11 164 iPc 07 27.40 -0.9

0.5s 152.90nm 5.9mb
Z 22s 1.40um 4.5Msz
eS 11 51.80
NANU 26.15 203 iPd 07 29.30 0.7
0.5s 18.00nm 4.9mb
MEEK 28.97 194 eP 07 53.40 -0.8
CTA 29.05 139 iPc 07 44.50 -10.6X
1.2s 62.50nm
i 08 02.00 75kmX
iPP 08 17.00
eS 12 45.00
CTAO 29.05 139 P 07 54.60 -0.5
1.1s 45.65nm 5.1mb
NST 29.39 300 eP 07 59.00 0.9
SSE 29.81 351 Pd 08 02.50 0.8
1.4s 30.00nm 4.9mb
Z 20s 1.40um 4.6Msz
E 15s 0.80um
S 12 52.00
SS 14 19.00
KAGJ 29.82 8 eP 08 01.10 -0.7
KUMJ 31.14 7 eP 08 12.10 -1.3
MRWA 32.12 197 iPd 08 22.10 0.0
0.3s 12.00nm 5.3mb
KMI 32.67 318 P+ 08 27.00 -0.2
1.0s 50.00nm 5.4mb
Z 22s 4.30um 5.1Msz
N 17s 1.60um
E 17s 1.40um
pP 08 38.00 40km
PP 09 42.00
eS 13 30.00
sS 13 42.00
WOOL 32.74 187 eP 08 27.00 -0.4
SHNJ 32.74 7 eP 08 26.80 -0.6
TKSJ 33.09 12 P 08 29.80 -0.7
TKSJ 33.09 12 P 08 30.10 -0.4
BAL 33.24 195 eP 08 31.00 -0.8
WKYJ 33.67 14 P 08 35.30 -0.3
KLB 33.92 193 iPd 08 37.20 -0.5
0.5s 21.00nm 5.3mb
YONJ 34.15 10 P 08 39.70 0.0
MUN 34.67 195 iPd 08 44.10 -0.1
TSRJ 35.02 14 P 08 45.90 -1.2
NWAO 35.32 193 P 08 49.40 -0.3
0.9s 81.85nm 5.7mb
IIDJ 35.46 16 P 08 50.00 -1.0
STKA 36.25 158 iPc 08 56.90 -0.7
0.7s 58.40nm 5.6mb
CHJJ 36.31 17 P 08 56.00 -2.1
MTMJ 36.47 16 P 08 58.10 -1.4
MAJO 36.54 16 P 08 58.70 -1.3
1.2s 139.18nm 5.7mb
MAT 36.54 16 eP 08 59.00 -1.0
1.8s 418.18nm 6.0mb
Z 20s 1.06um 4.6Msz
eS 14 44.00
KAKJ 36.82 19 eP 08 59.00 -3.3X
RKG 36.95 193 eP 09 05.00 1.6
NIIJ 37.42 17 P 09 05.20 -2.1
ADE 38.12 163 eP 09 14.00 0.7
YAMJ 38.59 17 eP 09 17.80 0.6
BJI 39.43 348 eP 09 23.00 -1.1
1.0s 28.00nm 5.0mb
Z 22s 1.00um 4.6Msz
E 18s 1.31um
epP 09 33.00 34km
ePcP 11 32.50
eS 15 20.00
ARMA 39.89 145 iPd 09 28.20 -0.1
0.9s 56.00nm 5.3mb
OFUJ 39.93 19 eP 09 28.90 0.6
LZH 40.20 331 Pc 09 31.00 0.2
Z 25s 2.98um 5.0MszX
N 17s 1.49um
pP 09 42.00 39km
sP 09 46.00
PP 11 10.00
PcP 11 35.00
PcS 15 23.00
S 15 34.00
AOMJ 40.90 16 eP 09 38.00 1.8
BWA 41.35 152 iPc 09 41.50 1.4
VLA 41.71 6 iPd 09 44.00 1.2
1.6s 152.00nm 5.5mb
e 09 55.00 39km
e 11 40.00

ePPP 11 54.00
eS 16 04.00
e 19 35.00
CAN 42.36 152 eP 09 49.10 0.8
CNB 42.52 152 eP 09 51.00 1.3
KUSJ 44.54 19 eP 10 06.30 0.4
ASAJ 44.82 17 eP 10 08.70 0.5
TAPN 45.01 308 P 10 09.26 -1.0
ODAN 45.03 308 P 10 09.44 -1.0
0.9s 137.00nm 5.9mb
BKM 45.49 117 iPc 10 12.50 -1.4
NOUC 45.55 123 iPc 10 13.00 -1.2
DZM 45.65 123 iPc 10 13.90 -1.3
RAMN 45.70 307 P 10 14.98 -0.7
0.8s 133.00nm 5.9mb
JIRN 46.35 308 P 10 19.88 -1.1
GUN 46.70 308 P 10 22.76 -1.0
0.7s 216.00nm 6.2mb
PKI 46.93 307 P 10 23.96 -1.5
KKN 47.12 307 P 10 25.72 -1.2
DMN 47.18 307 P 10 25.58 -1.9
1.2s 257.00nm 6.1mb
YSS 47.51 15 iPc+ 10 28.40 -1.0
1.1s 100.00nm 5.7mb
e 10 42.00 51kmX
GKN 47.73 307 P 10 30.36 -1.3
1.0s 186.00nm 6.1mb
KOLN 48.46 307 P 10 36.12 -1.2
0.6s 237.00nm 6.4mb
DANN 48.58 307 P 10 37.10 -1.3
0.7s 229.00nm 6.3mb
PYUN 49.08 307 P 10 41.24 -0.9
0.8s 378.00nm 6.5mb
HYB 49.49 292 ePc 10 44.60 -0.6
1.0s 80.00nm 5.7mb
GBA 49.80 286 P 10 45.20 -2.3
0.9s 22.00nm 5.2mb
CIT 51.42 350 eP 11 00.50 1.1
ZAK 52.46 342 iPc 11 06.00 -1.2
1.4s 58.00nm 5.3mb
e 12 17.50 340kmX
eS 18 25.00
IRK 53.81 343 eP 11 16.50 -0.7
2.0s 57.00nm 5.2mb
Z 20s 0.57um 4.6Msz
N 20s 0.47um
E 18s 0.70um
e 11 26.50 33km
NDI 54.00 305 iPd 11 17.00 -1.9
BOD 56.98 352 ePc 11 39.60 -0.4
PET 57.91 22 eP 11 46.00 -0.5
1.0s 60.00nm 5.6mb
e 12 02.00 60kmX
YAK 60.40 2 iPc+ 12 02.10 -1.5
1.2s 435.00nm 6.5mb
Z 20s 0.50um 4.7Msz
N 20s 0.90um
e 12 41.00 166kmX
ePPP 15 45.00
iS 20 15.00
iPS 20 39.00
eSS 24 20.00
FRU 61.72 319 eP 12 12.00 -1.1
2.6s 120.00nm 5.6mb
CSY 68.60 187 eP 13 06.90 10.0X
0.6s 17.20nm 5.3mb
BRVK 69.01 328 iPc 12 58.50 -1.2
1.4s 81.00nm 5.6mb
Z 22s 0.59um 4.8Msz
N 20s 0.72um
E 22s 0.49um
eS 21 52.00
ADK 69.02 34 eP 12 59.30 -0.5
1.1s 60.80nm 5.6mb
MAIO 70.51 308 eP 13 09.00 -0.4
1.0s 15.00nm 5.0mb
eS 22 18.00
ASH 71.77 310 eP 13 15.50 -1.3
SVE 75.60 329 iPc 13 38.90 0.2
Z 22s 0.50um 4.8Msz
N 22s 0.30um
E 22s 0.30um
eS 23 09.00
ILT 76.03 19 iPc 13 40.60 -0.3
1.2s 110.00nm 5.7mb
e 13 50.00 30km
eS 23 20.00

e 23 40.00
ePS 24 06.00
HON 76.12 69 P 13 50.00 7.7X
Z 20s 0.73um 5.0Msz
SDN 79.23 34 eP 13 59.00 0.2
1.0s 339.50nm 6.3mb
TAB 81.17 308 eP 14 10.00 0.3
GRO 82.13 313 iPc 14 16.00 1.6
2.0s 360.00nm 6.1mb
Z 14s 0.60um 5.1MszX
N 20s 1.50um
E 20s 0.50um
e 24 32.00
SBA 82.22 172 eP 14 15.90 1.7
SVW 82.91 29 eP 14 19.60 1.4
1.0s 74.40nm 5.7mb
TTA 83.05 27 ePc 14 20.10 1.2
1.1s 135.90nm 6.0mb
KDC 84.01 32 eP 14 24.50 0.8
0.9s 95.80nm 6.0mb
PYA 84.08 314 iPc+ 14 24.00 -0.5
Z 20s 1.00um 5.2Msz
eS 24 48.00
BRW 84.39 18 eP 14 27.20 1.8
CP2 84.55 29 P 14 27.00 0.3
IMA 84.56 24 eP 14 27.50 0.9
1.3s 104.60nm 5.9mb
SLKM 85.46 30 P 14 30.50 -0.5
PMR 86.07 29 eP 14 33.70 -0.2
0.9s 51.60nm 5.8mb
SOC 86.48 313 iPc+ 14 36.00 -0.4
1.4s 200.00nm 6.2mb
FBA 86.88 25 e(P) 14 35.60 -2.3
0.6s 3.70nm 4.8mb
TOA 87.50 28 eP 14 41.60 0.6
0.9s 56.90nm 5.8mb
KLU 87.60 29 P 14 41.60 0.1
MOS 88.00 326 iPc 14 43.00 -0.4
2.2s 380.00nm 6.3mb
Z 20s 1.20um 5.3Msz
e 18 18.00
eS 25 23.00
GAZ 88.37 307 eP 14 46.90 1.3
OBN 88.59 325 iPc 14 45.50 -0.8
1.4s 148.00nm 6.1mb
Z 24s 0.80um 5.1MszX
N 26s 0.40um
E 24s 0.60um
e 14 59.00 45kmX
e 18 12.00
e 25 10.00
e 25 24.00
e 26 40.00
KVT 89.20 311 iP 14 50.00 0.4
LVZ 89.22 338 eP 14 48.00 -1.2
BALM 89.33 29 P 14 50.00 0.1
NAI 89.54 269 eP 14 50.50 -1.4
Z 22s 0.63um 5.0Msz
PUL 91.72 330 (P) 15 06.00 5.3X
Z 20s 0.70um 5.1Msz
e 15 14.00 25km
INK 92.36 21 eP 15 03.50 0.0
1.3s 22.00nm 5.4mb
SIT 93.29 33 eP 15 08.70 0.7
1.2s 41.50nm 5.7mb
KAF 93.34 332 iP 15 07.20 -1.0
0.6s 7.80nm 5.3mb
MNK 93.93 324 eP 15 09.00 -2.0
Z 20s 1.00um 5.3Msz
E 20s 0.72um
eS 26 14.00
KIS 93.97 317 eP 15 10.00 -1.4
1.5s 85.00nm 6.0mb
Z 20s 0.60um 5.1Msz
MBC 94.18 13 eP 15 12.50 0.7
0.9s 4.00nm 4.8mb
NUR 94.41 331 eP 15 18.50 5.4X
0.9s 20.20nm 5.6mb
UZH 98.09 319 iPc 15 30.50 0.4
1.0s 75.00nm 6.2mb
e 15 45.30 50kmX
VAY 99.29 312 iP 15 34.40 -1.3
SPC 99.29 320 eP 15 38.30 2.5
DAG 99.38 352 iPd 15 34.70 -0.8
1.0s 26.00nm 5.7mb
isP 19 40.50
HFS 99.76 332 eP 15 36.60 -0.8

0.5s 1.50nm 4.8mb
SKO 100.00 313 eP 15 27.50 -11.5X
i 15 36.50
RES 100.04 10 ePdiff15 39.00 0.6
0.9s 3.00nm 4.8mb
NB2 100.56 333 Pdiff 15 39.50 -1.5
0.9s 9.00nm 5.3mb
SRO 100.87 319 iPdiff15 43.20 0.5
ZST 101.56 320 ePdiff15 45.50 -0.2
PRU 102.65 322 ePdiff15 51.00 0.4
e 19 13.00
BRG 102.74 323 iPdiff15 51.70 0.8
1.3s 18.00nm 5.6mb
i 16 05.50
CLL 103.16 324 ePdiff15 52.00 -0.8
KHC 103.52 321 ePdiff15 54.50 0.0
e 16 01.00
e 19 01.00
e 19 40.00
e 19 46.00
e 20 23.50
GEC2 103.53 321 Pdiff 15 54.40 -0.2
1.0s 1.79nm 4.8mb
e 15 58.90
e 16 01.10
MOX 104.21 323 ePdiff15 58.00 0.5
2.1s 37.00nm 5.9mb
Z 20s 0.40um 5.0Msz
ePP 20 18.00
GRF 104.78 323 ePdiff16 05.50 5.4X
Z 22s 0.60um 5.1MszX
ePP 20 24.20
WDC 104.93 47 Pdiff 16 10.00 9.1X
Z 21s 0.65um 5.1Msz
NEW 106.21 38 PKP 20 30.00 11.7X
Z 20s 0.29um 4.8Msz
SAO 106.75 51 PKP 20 30.00 10.4X
Z 19s 0.36um 4.9Msz
CMB 107.23 49 PKP 20 30.00 9.5X
Z 21s 0.46um 5.0Msz
ISA 109.36 51 PKP 20 30.00 5.4X
Z 20s 0.47um 5.1Msz
TPNV 110.69 49 PKP 20 40.00 12.8X
Z 19s 117.70um 7.5MszX
DUG 112.09 45 PKP 20 40.00 10.2X
Z 19s 0.28um 4.9Msz
TUC 116.48 53 PKP 20 50.00 11.6X
Z 21s 0.35um 4.9Msz
ULM 117.08 29 ePKP 20 41.00 2.2
GOL 117.48 43 PKP 20 50.00 9.7X
Z 21s 1.04um 5.4Msz
GLD 117.56 43 PKP 20 50.00 9.7X
Z 21s 0.70um 5.3Msz
ALQ 118.81 48 PKP 20 50.00 7.1X
Z 19s 0.26um 4.9Msz
JAQ 121.90 15 ePKP 20 47.00 -0.8
WMOK 124.49 45 PKP 21 00.00 6.5X
Z 21s 0.18um 4.7Msz
JFWS 124.89 32 PKP 21 00.00 6.0X
Z 21s 0.18um 4.7Msz
SLM 127.78 36 PKP 21 10.00 10.3X
Z 21s 1.48um 5.6Msz
FVM 128.09 37 PKP 20 59.80 -0.5X
Z 21s 0.35um 5.0Msz
MIAR 128.19 42 PKP 21 10.00 9.4X
Z 20s 0.14um 4.7Msz
GAC 129.17 20 ePKP 21 02.50 0.4
CBM 130.11 13 PKP 21 10.00 6.1X
Z 21s 0.12um 4.6Msz
KIC 130.51 280 PKP 21 07.06 1.5
1.0s 35.00nm
RSNY 130.51 20 PKP 20 58.80 -5.9X
TIC 130.74 280 PKP 21 07.42 1.4
0.9s 27.00nm
YSNY 130.79 24 PKP 21 20.00 14.6X
Z 20s 0.29um 5.0Msz
LIC 130.81 280 PKP 21 07.54 1.4
0.9s 26.50nm
Z 22s 0.16um 4.7Msz
LBNH 131.61 18 PKP 21 20.00 13.2X
Z 21s 0.14um 4.6Msz
LMN 131.81 10 ePKP 21 05.50 -1.6
BINY 132.04 22 PKP 21 20.00 12.3X
Z 19s 0.08um 4.4Msz
HRV 133.30 18 PKP 21 20.00 9.9X
Z 21s 0.30um 5.0Msz
MYNC 133.78 35 PKP 21 20.00 8.7X

Z 19s 0.12um 4.6Msz
JSC 135.97 33 PKP 21 16.40 1.0
PEL 144.73 155 iPKP+ 21 30.10 -1.1
1.0s 282.00nm
UFRS 151.52 185 ePKP 21 49.50 7.5X
LPB 159.42 137 (PKP) 21 55.00 1.9
LPAZ 159.57 137 PKP 21 55.00 1.4
ITR 163.19 244 ePKP 21 57.40 0.9
BAO 164.89 202 ePKP 21 58.60 0.4
SOB1 165.15 239 ePKP 22 00.50 2.1
S.D. = 1.2 on 159 of 196 obs.

% JUN 14, 1994 21h 44m 49.30± 1.40s
41.186 N ±12.3km 23.368 E ± 6.1km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

SRS 0.18 112 iPg 44 53.08 -0.3
eSg 44 55.72
KNT 0.36 266 ePg 44 56.76 0.1
eSg 45 01.76
SOH 0.36 182 iPg 44 56.74 -0.1
eSg 45 01.88
THE 0.63 209 ePg 45 01.56 -0.4
eSg 45 10.08
GRG 0.77 253 ePg 45 04.32 0.0
eSg 45 14.96
OUR 0.97 151 iPg 45 08.34 0.6
S.D. = 0.5 on 6 of 6 obs.

% JUN 14, 1994 21h 54m 53.73± 0.80s
27.955 S ± 7.5km 26.742 E ± 8.9km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.5 (PRE).

SEK 0.86 115 eP 55 10.30 -0.6
S 55 21.30
BLF 1.25 203 eP 55 18.00 0.5
S 55 36.50
SWZ 1.48 301 eP 55 20.50 -0.6
S 55 39.50
KSR 2.09 4 eP 55 30.00 0.0
S 55 56.00
SLR 2.60 32 eP 55 38.00 0.7
S 56 08.00
S.D. = 0.8 on 5 of 5 obs.

% JUN 14, 1994 22h 33m 36.84± 0.93s
40.678 N ± 8.2km 29.894 E ± 6.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

HRT 0.22 310 iPg 33 41.80 0.1
EYL 0.23 119 iPg 33 41.80 0.0
YLV 0.41 255 iPg 33 44.70 -0.6
iSg 33 51.70
IZI 0.47 223 iPg 33 46.30 -0.1
iSg 33 52.80
ISK 0.74 302 iPg 33 51.20 -0.2
KCT 1.25 250 ePn 34 00.80 0.8
S.D. = 0.6 on 6 of 6 obs.

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* JUN 14, 1994 22h 38m 22.27± 0.37s
10.655 S ±10.1km 113.164 E ±14.4km
DEPTH = 10.0km (geophysicist)
4.5mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

NANU 12.05 169 eP 41 15.00 -2.1X
0.3s 14.00nm 5.7mb X
eS 43 21.00
MEEK 16.71 163 eP 42 18.00 -0.2
eS 45 07.00
MRWA 18.66 172 eP 42 42.30 -0.1
0.3s 4.00nm 4.1mb
eS 45 56.00
MUN 21.41 173 eP 43 20.50 8.0X
WOOL 21.83 160 eP 43 27.00 10.3X
eS 47 05.20
WB2 22.40 117 eP 43 21.60 -1.0
0.4s 5.00nm 4.3mb
eS 47 20.20
ASPA 23.62 126 iPc 43 35.00 0.5
0.7s 12.90nm 4.6mb
eS 47 53.30

14d 22h

STKA 33.70 133 eP 45 06.60 0.8
1.0s 9.10nm 4.7mb
ODAN 44.91 327 P 46 39.58 0.2
TAPN 45.13 327 P 46 42.28 1.0
JIRN 46.19 326 P 46 49.66 -0.1
PKI 46.56 325 P 46 52.08 -0.5
DMN 46.76 325 P 46 54.00 0.0
KKN 46.80 325 P 46 54.60 0.3
GKN 47.32 325 P 46 58.30 -0.1
KOLN 47.74 324 P 47 00.90 -0.9
DANN 48.09 324 P 47 04.58 0.0
S.D. = 0.6 on 14 of 17 obs.

% JUN 14, 1994 22h 47m 25.07± 1.16s
39.850 N ± 9.4km 24.390 E ± 7.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PAIG 0.55 278 ePg 47 35.42 -0.8
eSg 47 43.50
OUR 0.58 327 ePg 47 36.02 -0.7
eSg 47 43.62
SOH 1.25 321 ePb 47 47.32 -1.1
eSb 48 04.22
THE 1.34 306 ePb 47 47.38 -2.4
eSb 48 05.46
SRS 1.40 335 ePb 47 49.06 -1.6
eSb 48 06.74
ALN 1.64 50 ePb 47 52.74 -1.3
eSb 48 12.70
KNT 1.74 320 ePb 47 53.50 -1.9
eSb 48 15.82
AGG 1.80 243 ePb 47 54.82 -1.5
GRG 1.88 307 ePb 47 56.36 -1.2
eSb 48 20.18
S.D. = 0.6 on 9 of 9 obs.

? JUN 15, 1994 00h 00m 11.23± 2.88s
20.759 S ±24.1km 69.716 W ±22.5km
DEPTH = 133.5 ± 21.3 km
NORTHERN CHILE (123)

MOCB 3.84 98 P 01 10.30 0.1
LPB 4.47 20 P 01 20.10 1.4
ARE 4.59 338 eP 01 20.00 -0.2
iS 02 13.00
LPAZ 4.69 19 P 01 21.00 -0.8
CCH 4.77 46 eP 01 22.00 -0.6
SIV 9.48 61 P 02 18.40 -7.5X
ITR 32.45 73 (P) 06 31.00 0.0
S.D. = 1.2 on 6 of 7 obs.

JUN 15, 1994 00h 15m 20.24± 0.62s
35.190 N ± 5.6km 3.931 W ± 6.2km
DEPTH = 16.4 ± 5.4 km
STRAIT OF GIBRALTAR (385)
MD 3.8 (RBA). mbLg 3.5 (MDD).

EMEL 0.81 82 iPc 15 37.04 1.7
eS 15 48.60
TAF 1.30 106 iPn 15 45.50 1.8
i 15 48.00
iSn 16 02.00
i 16 08.00
EGUA 1.67 10 iPd 15 47.61 -1.3
eS 16 08.10
PLAT 1.75 303 iP 15 52.00 1.8
EJIF 1.77 316 eP 15 49.72 -0.7
eS 16 10.90
ERON 1.83 3 eP 15 50.52 -0.8
eS 16 11.80
MOMI 1.84 308 eP 15 54.00 2.6
IFR 1.94 211 iPn 15 53.00 0.0
i 15 57.00
iSn 16 17.00
ELOJ 1.96 355 eP 15 52.83 -0.4
eS 16 16.30
ALJ 2.01 318 iP 15 55.00 1.1
EPRU 2.06 330 eP 15 55.02 0.4
eS 16 18.30
CNIL 2.09 305 eP 15 57.00 2.0
ECOG 2.10 8 eP 15 55.49 0.2
eS 16 20.70
ENIJ 2.26 38 iPd 15 56.61 -0.9
eS 16 22.20
GIBL 2.31 315 eP 16 00.00 1.8
ELUQ 2.38 354 eP 15 59.72 0.5
eS 16 27.30
RBA 2.67 245 ePn 16 03.00 -0.3
i 16 08.50
iSn 16 31.00
i 16 41.00
EHUE 2.83 22 eP 16 05.79 0.1
eS 16 36.60
EHOR 2.83 338 iPc 16 04.61 -1.0
eS 16 37.80
EBAN 2.97 2 eP 16 07.40 -0.1
eS 16 41.50
AVE 3.45 238 iPn 16 13.00 -1.3
i 16 23.00
iSn 16 50.00
i 16 51.50
EVIA 3.63 18 eP 16 16.63 -0.4
eS 16 56.20
PAB 4.36 356 iPn 16 27.30 0.0
eSn 17 14.10
eSg 17 42.00
TIO 5.09 214 iPn 16 36.00 -1.7
iSn 17 33.00
EPLA 5.16 341 eP 16 36.18 -2.4
eS 17 33.60
ETOR 5.81 14 eP 16 47.33 -0.5
S.D. = 1.3 on 26 of 26 obs.

% JUN 15, 1994 00h 15m 53.76± 3.39s
40.657 N ± 7.6km 29.788 E ±26.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

HRT 0.19 331 iPg 15 58.00 0.0
iSg 16 01.00
YLV 0.33 254 iPg 16 00.50 -0.1
eSg 16 07.50
IZI 0.40 217 iPg 16 02.00 0.0
ISK 0.69 307 ePg 16 07.00 -0.3
eSg 16 17.00
CTT 1.14 296 ePn 16 15.50 0.4
S.D. = 0.4 on 5 of 5 obs.

% JUN 15, 1994 00h 16m 56.57± 0.58s
40.654 N ± 5.4km 29.901 E ± 4.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

EYL 0.21 114 iPg 17 01.40 0.1
HRT 0.24 314 iPg 17 02.00 0.2
iSg 17 04.00
YLV 0.41 258 iPg 17 04.50 -0.5
IZI 0.45 226 ePg 17 06.00 0.2
eSg 17 12.50
GPA 0.48 139 ePg 17 06.00 -0.3
ISK 0.76 303 iPg 17 11.00 -0.4
iSg 17 21.50
CTT 1.22 294 iPg 17 19.20 -0.1
KCT 1.25 252 ePn 17 19.90 0.2
DST 1.43 223 ePn 17 23.00 0.4
DMK 1.99 307 ePn 17 31.00 0.3
S.D. = 0.4 on 10 of 10 obs.

% JUN 15, 1994 00h 18m 15.14± 1.31s
34.284 S ±15.3km 70.533 W ±14.6km
DEPTH = 110.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.3 (SAN).

CACH 0.18 342 iP+ 18 30.90 0.0
iS 18 42.77
CHCH 0.36 344 iP+ 18 31.26 -0.2
iS 18 43.50
PCH 0.66 1 iPd 18 33.67 0.1
iS 18 47.32
TACH 0.71 332 iPd 18 33.94 0.1
iS 18 48.05
LNV 0.80 294 iPd 18 34.72 0.1
iS 18 49.20
FCH 0.98 12 iPd 18 36.86 0.1
iS 18 53.69
PEL 1.14 354 iP 18 38.13 -0.1
iS 18 56.07
LCCH 1.18 313 iPd 18 38.64 0.1
iS 18 55.92
ROCH 1.37 343 iP+ 18 40.60 -0.4
iS 19 00.71
JACH 1.60 358 iP 18 43.90 0.3
iS 19 05.97
S.D. = 0.2 on 10 of 10 obs.

JUN 15, 1994 00h 43m 05.51± 0.58s
43.080 N ± 8.7km 0.340 W ± 3.8km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
MD 2.3 (BTH). ML 2.0 (LDG).

JAU 0.05 207 Pg 43 07.90 0.1
BTH 0.11 66 iPgc 43 08.50 0.2
iLg 43 12.60
i 43 16.00
ESCF 0.17 269 Pg 43 09.33 -0.1
Sg 43 12.01
ATE 0.26 271 Pg 43 11.13 0.0
Sg 43 15.03
LHE 0.27 231 Pg 43 11.17 0.0
ISSF 0.34 261 Pg 43 12.54 0.0
MADF 0.36 281 Pg 43 12.86 0.0
EPF 0.50 95 Pg 43 15.50 -0.2
Sg 43 22.50
LPO 1.95 34 Pg 43 41.90 3.0X
Sg 44 07.30
LFF 2.02 22 Pg 43 43.20 3.3X
Sg 44 09.10
CAF 2.53 42 Pg 43 53.40 6.0X
Sg 44 24.80
RJF 2.59 30 Pg 43 53.70 5.5X
Sg 44 27.20
S.D. = 0.1 on 8 of 12 obs.

% JUN 15, 1994 00h 54m 26.82± 3.56s
34.370 S ±22.6km 70.477 W ±13.4km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.3 (SAN).

CACH 0.27 338 iPd 54 32.72 0.1
iS 54 38.77
CHCH 0.46 341 iPd 54 36.30 0.1
iS 54 45.19
PCH 0.75 358 iP+ 54 41.02 -0.5
(S) 54 53.00
TACH 0.81 332 iPd 54 42.41 -0.1
iS 54 55.56
LNV 0.88 298 iP 54 43.24 -0.4
iS 54 57.31
FCH 1.05 9 iPd 54 46.17 -0.7
(S) 55 02.11
PEL 1.24 352 (P) 54 50.00 0.2
iS 55 08.57
LCCH 1.27 314 iP+ 54 50.38 -0.1
(S) 55 10.13
ROCH 1.46 342 iP 54 54.52 1.0
iS 55 15.41
JACH 1.69 357 iP 54 56.98 0.4
iS 55 21.82
S.D. = 0.6 on 10 of 10 obs.

? JUN 15, 1994 01h 35m 59.06± 2.82s
37.400 S ±31.4km 177.482 E ±18.8km
DEPTH = 170.0km (geophysicist)
OFF E. COAST OF N. ISLAND, N.Z. (160)

PUZ 0.91 138 P 36 24.90 -0.5
eS 36 45.60
TTH 2.20 193 P 36 39.30 1.3
MGZ 2.21 223 eP 36 39.60 1.3
NGZ 2.31 219 P 36 40.50 1.0
MOZ 2.39 242 eP 36 39.60 -0.7
WAHZ 2.46 201 P 36 42.20 1.0
PGZ 3.35 196 eP 36 51.90 -0.2
MNG 3.57 205 P 36 53.90 -1.1
S 37 39.10
KHZ 5.86 210 eP 37 22.70 -2.1
S.D. = 1.4 on 9 of 9 obs.

& JUN 15, 1994 01h 46m 38.24s
38.637 N 119.851 W
DEPTH = 0.1km
CALIFORNIA-NEVADA BORDER REGION (40)
<GM-P>. MD 3.4 (GM). ML 3.5
(BRK), 3.0 (GS).

MRFM 0.66 234 P 46 50.00 -1.3
AODM 0.69 268 P 46 50.64 -1.3
CMB 0.73 215 iPc 46 51.44 -1.4
eS 47 01.29
AFHM 0.84 299 P 46 53.47 -1.5
MCUM 0.90 222 P 46 54.32 -1.8
MOYM 0.93 218 P 46 54.95 -1.8
AHRM 0.98 283 P 46 55.77 -1.9
ARRM 1.04 277 P 46 56.93 -1.9
AVRM 1.17 290 P 46 58.84 -2.2
AFRM 1.18 278 P 46 59.63 -1.6
ABRM 1.37 292 P 47 02.49 -1.9
ORC 1.37 136 P 47 03.17 -1.5
BONR 1.40 119 eP 47 03.38 -1.7
ORAM 1.47 305 P 47 03.90 -2.2
ORV 1.58 306 ePc 47 05.44 -2.1
eS 47 25.64
OBHM 1.61 309 P 47 06.65 -1.4
NDHM 1.62 275 P 47 08.26 0.2
MTUM 1.64 141 ePc 47 07.02 -1.6
CSTL 1.64 233 P 47 08.31 -0.1
COSM 1.65 227 P 47 08.19 -0.4
CWCR 1.67 133 P 47 08.56 -0.5
BHPR 1.72 141 P 47 10.03 0.3
CMPM 1.72 222 P 47 09.46 -0.2
CDAL 1.73 239 P 47 10.09 0.3
CVAL 1.82 237 P 47 10.97 0.0
NBPM 1.83 272 P 47 11.17 -0.1
GARM 1.90 280 P 47 12.36 0.1
MHC 1.92 228 eP 47 12.33 -0.3
eS 47 38.50
CVR 1.94 233 P 47 12.85 0.0
BRMM 1.96 203 P 47 12.67 -0.4
MHR 1.97 230 P 47 13.85 0.6
GHS 1.99 220 P 47 13.18 -0.4
BKS 2.02 249 eP 47 13.13 -0.9
eS 47 41.63
CCYM 2.07 239 P 47 13.93 -0.8
TNP 2.14 104 eP 47 15.99 0.0
HGWM 2.16 222 P 47 14.81 -1.1
AGC 2.17 250 P 47 15.78 -0.4
LRDM 2.21 326 P 47 18.00 1.3
BHRM 2.21 211 P 47 16.92 0.2
GRTM 2.22 279 P 47 17.44 0.5
JBMM 2.25 235 P 47 17.20 -0.1
SAO 2.26 215 eP 47 16.38 -1.0
JTGM 2.27 226 P 47 27.15 9.6
GAXM 2.27 273 P 47 16.42 -1.2
SAC 2.28 243 P 47 17.20 -0.5
JRGM 2.31 227 P 47 21.77 3.6
GGPM 2.35 274 P 47 18.98 0.2
GCVM 2.48 274 P 47 20.75 0.2
PKEM 2.58 185 eP 47 21.61 -0.4
PHAM 2.83 189 eP 47 25.96 0.4
ISA 3.17 159 eP 47 30.72 0.4
TPNV 3.31 119 (P) 47 33.69 1.1
52 obs. associated

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* JUN 15, 1994 01h 48m 54.17± 0.32s
13.711 N ± 3.7km 120.775 E ± 4.9km
DEPTH = 214.1 ± 3.6 km
4.6mb (16 obs.)
MINDORO, PHILIPPINE ISLANDS (250)

PGP 0.27 140 iP 49 21.00 -2.6
iS 49 32.00
TGY 0.42 22 iPc 49 23.00 -1.0
iS 49 51.00
QCP 0.97 18 eP 49 33.50 8.1X
GQP 1.63 83 iPd 49 31.00 0.4
iS 49 47.00
BAG 2.69 356 iPc 49 40.80 -0.8
0.9s 652.10nm
iS 50 16.90
BCP 2.70 357 eP 49 41.00 -0.7
eS 50 20.00
SZP 3.83 355 ePc 49 56.00 1.1
CVP 4.10 14 iPd 49 58.50 0.3
PPR 4.39 207 iPd 49 03.00 -58.9X
iS 50 02.00
PIP 4.59 358 iPc 50 04.00 -0.3
MAP 4.60 137 ePc 50 05.00 0.5
PLP 4.82 121 ePc 50 08.00 0.7
BBP 6.79 9 eP 50 28.00 -4.5X
BIP 7.66 135 ePc 50 45.50 1.7
DAV 8.10 144 eP 50 51.50 1.8
KKM 8.84 211 eP 51 00.50 1.1
1.5s 759.40nm 5.7mb X
TSM 9.79 197 ePd 51 12.60 1.2
LOE 18.71 284 iPd 52 58.20 -0.8
MKS 18.85 184 iPd 53 01.00 0.5
KAGJ 19.72 26 P 53 09.30 0.1
NST 20.06 278 eP 53 13.00 0.3
KMI 20.42 306 P- 53 18.00 1.4
0.8s 10.00nm 4.4mb
pP 53 27.00 34kmX
eS 56 53.00
sS 57 05.00
SNG 20.85 254 eP 53 21.50 1.0
KUMJ 20.87 24 P 53 21.20 0.6
BDT 21.27 282 eP 53 25.00 0.4
1.0s 165.60nm 5.5mb
SHNJ 22.38 23 P 53 36.50 1.2
GUMO 23.41 87 eP 53 45.30 -0.1
1.2s 187.70nm 5.6mb
GUA 23.46 88 eP 53 44.80 -1.1
TKSJ 23.50 29 P 53 46.30 0.2
YONJ 24.26 26 P 53 53.60 0.4
WKYJ 24.44 31 P 53 55.40 0.4
BJI 26.54 352 eP 54 14.00 0.1
LZH 26.97 329 Pd 54 18.60 0.5
1.5s 85.00nm 5.2mb
Z 10s 0.53um 4.4MszX
pP 54 30.00 44kmX
sP 54 38.00
PP 54 59.00
eS 58 40.00
WB2 36.01 158 iPd 55 34.90 -1.7
0.3s 13.40nm 5.0mb
eS 00 55.90
ASPA 39.30 161 iPd 56 03.50 -0.5
0.4s 23.60nm 5.1mb
iS 01 45.50
HYB 40.78 281 iPd 56 17.00 0.7
0.6s 62.50nm 5.3mb
GBA 42.07 275 Pd 56 27.00 0.2
0.6s 38.00nm 5.1mb
WOOL 44.56 179 eP 56 44.20 -2.3
FORT 44.78 171 eP 56 47.00 -1.3
STKA 49.53 157 iPd 57 24.30 -0.8
2.1s 17.70nm 4.2mb
DZM 57.18 128 iPd 58 21.10 -0.3
MAIO 58.93 304 iPd 58 33.00 -0.4
TTA 74.81 28 eP 00 12.85 0.5
1.1s 5.27nm 4.2mb
IMA 75.77 25 iPc 00 18.04 0.2
0.8s 4.04nm 4.2mb
e 00 38.98
FBA 78.31 26 eP 00 31.07 -0.6
0.6s 0.58nm 3.5mb X
KLU 79.64 29 (P) 00 38.72 -0.2
KAF 80.08 332 iP 00 40.60 -0.5
INK 83.06 21 eP 00 57.00 0.5
1.0s 3.00nm 4.0mb
MBC 83.52 12 eP 00 59.00 0.3
HFS 86.50 331 ePKP 01 12.40 -1.3
0.5s 4.90nm 4.6mb
NB2 87.28 333 P 01 16.30 -1.2
0.5s 2.70nm 4.3mb
RES 89.01 9 eP 01 26.00 0.5
0.9s 2.00nm 4.0mb
GEC2 90.67 321 P 01 33.70 0.0
0.6s 0.78nm 3.9mb
S.D. = 1.0 on 50 of 53 obs.

JUN 15, 1994 02h 05m 15.72± 1.05s
42.719 N ± 9.9km 111.121 W ± 6.8km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 2.7 (GS).

PTI 0.93 280 eP 05 34.52 0.4
eS 05 47.23
BW06 1.15 87 eP 05 37.68 -0.3
HVU 1.55 233 eP 05 43.71 -0.4
eS 06 03.86
DAU 2.31 183 eP 05 56.10 0.8
DUG 2.82 207 eP 06 01.40 -1.1
EMUT 2.91 175 ePn 06 02.33 -1.5
SRU 3.63 173 ePn 06 15.34 1.3
MSU 4.28 191 (P) 06 23.56 0.4
PV09 4.48 160 (Pn) 06 26.45 0.3
PV08 4.55 155 (Pn) 06 27.00 -0.1
GOL 5.28 123 (P) 06 44.75 7.3X
S.D. = 1.0 on 10 of 11 obs.

% JUN 15, 1994 02h 07m 36.94± 0.80s
40.139 N ± 5.4km 23.713 E ± 8.0km
DEPTH = 5.0km (geophysicist)
GREECE (364)

PAIG 0.21 187 iPg 07 41.25 0.0
eSg 07 44.56
OUR 0.28 46 ePg 07 42.72 0.1
eSg 07 47.20
SOH 0.73 338 ePg 07 51.32 -0.3
eSg 08 01.96
SRS 0.98 355 ePg 07 56.08 0.0
eSg 08 09.84
KNT 1.19 329 ePb 07 59.76 0.1
eSb 08 16.28
GRG 1.29 310 ePb 08 01.52 0.2
eSb 08 19.24
S.D. = 0.2 on 6 of 6 obs.

% JUN 15, 1994 02h 08m 51.94± 0.66s
40.667 N ± 6.1km 29.895 E ± 5.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.1 (ISK).

EYL 0.22 117 iPg 08 56.90 0.1
HRT 0.23 312 iPg 08 56.00 -0.9
YLV 0.41 256 iPg 08 59.50 -0.9
eSg 09 05.50
IZI 0.46 224 ePg 09 01.00 -0.3
eSg 09 07.50
GPA 0.49 140 iPg 09 01.50 -0.4
ISK 0.75 302 iPg 09 06.40 -0.2
eSg 09 16.90
CTT 1.21 294 iPg 09 14.20 -0.3
KCT 1.25 251 ePn 09 14.90 -0.2
DST 1.44 223 ePn 09 18.70 0.6
BNT 1.54 259 ePn 09 20.00 0.6
EDC 1.58 259 ePn 09 21.00 0.9
DMK 1.98 306 ePn 09 27.00 1.1
S.D. = 0.7 on 12 of 12 obs.

? JUN 15, 1994 02h 25m 51.02± 4.91s
34.197 S ±29.6km 70.385 W ±20.6km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CACH 0.20 294 iP+ 25 55.91 0.5
iS 25 58.05
CHCH 0.34 320 iPd 25 58.29 0.1
iS 26 02.24
PCH 0.58 349 iP 26 02.96 0.0
iS 26 09.84
TACH 0.71 320 iPd 26 04.48 -0.6
iS 26 13.07
FCH 0.87 5 iP+ 26 08.08 0.1
iS 26 19.24
LNV 0.88 285 iP+ 26 07.72 -0.3
iS 26 18.31
S.D. = 0.5 on 6 of 6 obs.

? JUN 15, 1994 02h 32m 27.06± 3.67s
47.510 N ±26.7km 9.502 E ±21.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (VIE).

OSS 0.93 152 ePd 32 43.80 -1.2
VDL 1.02 181 ePd 32 47.80 1.2
SQTA 1.20 103 iPgc 32 50.50 1.1
iSg 33 07.10
WATA 1.42 96 iPgc 32 53.70 0.7
i 32 55.40
iSg 33 12.40
TMA 1.47 197 ePd 32 53.30 -0.4
WTTA 1.47 99 iPgd 32 52.40 -1.4
iSg 33 10.60
SCE 1.58 107 ePg 32 49.00 -6.3X
KBA 2.65 98 iPgd 33 03.80 -7.0X
iSg 33 29.80
GEC2 3.11 63 Pn 33 20.40 3.2X
0.1s 0.16nm
TRI 3.45 120 eP 33 30.20 8.4X
S.D. = 1.5 on 6 of 10 obs.

JUN 15, 1994 03h 08m 45.61± 0.31s
42.721 N ± 2.9km 111.058 W ± 4.3km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 4.0 (GS), 4.1 (BUT). Felt (IV) at Afton, Auburn and Smoot; (III) at Bedford and Grover, Wyoming. Also felt (III) at Georgetown, Idaho.

```
PTI    0.98 279 eP     09 03.21  -1.5
BW06   1.11  87 eP     09 06.37  -0.7
HVU    1.58 234 eP     09 13.79  -0.8
                eS     09 32.89
DAU    2.31 184 eP     09 26.10   0.8
MCMT   2.47 329 ePn    09 28.60   1.1
BGMT   2.61 345 ePn    09 29.80   0.4
DUG    2.85 208 eP     09 32.20  -0.5
MEMT   2.88   1 ePn    09 34.30   1.1
EMUT   2.91 176 ePn    09 34.19   0.5
LCCM   3.17 350 ePn+   09 37.80   0.5
LRM    3.26 343 ePn+   09 39.30   0.7
HBMT   3.27 341 ePn+   09 39.40   0.7
SXM    3.43 358 ePn    09 41.10   0.1
BUT    3.46 342 ePg    09 46.70   5.3X
                eSg    10 32.90
SRU    3.63 173 ePn    09 44.44   0.6
ELK    3.70 239 ePn    09 44.12  -0.8
HRY    4.03 352 ePn    09 49.30  -0.1
MSU    4.29 192 ePn    09 53.19  -0.1
PV09   4.47 160 ePn    09 55.16  -0.6
PV08   4.53 155 ePn    09 56.59  -0.1
PV10   4.60 160 ePn    09 58.54   0.8
GOL    5.24 123 ePn    10 06.61  -0.2
ARUT   5.25 201 ePn    10 08.00   1.1
GLD    5.31 122 ePn    10 08.09   0.4
KVN    6.47 238 (Pn)   10 24.05  -0.1
NEW    6.99 325 (Pn)   10 32.44   1.3X
ULM   12.87  49 eP     11 50.00  -1.9
MIAR  15.89 115 (P)    12 28.15  -3.4X
   0.8s      2.29nm          3.4mb
YKA   19.92 355 P      13 19.20  -1.5
   0.7s      0.70nm          3.1mb
```

S.D. = 0.9 on 26 of 29 obs.

JUN 15, 1994 03h 29m 36.96± 0.28s
42.913 N ± 2.9km 2.124 E ± 2.7km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
mbLg 3.3 (MDD). ML 3.3 (LDG), 3.0 (STR).

```
VDCF   0.37 151 Pg     29 44.60   0.1
                Sg     29 50.20
TRGS   0.43 196 Pg     29 45.22  -0.5
                Sg     29 50.88
GRBF   0.44 261 Pg     29 44.82  -1.1
PAND   0.58 228 Pg     29 47.78  -1.0
                Sg     29 55.92
PERF   0.70 127 Pg     29 50.78   0.0
                Sg     30 00.85
SALF   0.70 258 Pg     29 49.71  -1.2
ETER   0.82 138 eP     29 53.15   0.4
                eS     30 04.60
EPF    1.31 276 Pn     30 01.00  -0.3
                Pg     30 01.70
                Sg     30 19.70
BTH    1.72 278 iPnc   30 09.50   2.4
                i      30 29.50
                i      30 31.80
                iSg    30 32.50
                Lg     30 44.00
LPO    1.90 339 Pn     30 10.90   1.3
                Pg     30 13.90
                Sn     30 32.90
                Sg     30 38.40
EGRA   1.94 249 eP     30 06.05  -4.2X
                eS     30 26.50
CAF    2.01 359 Pn     30 12.40   1.0
                Pg     30 15.40
                Sn     30 35.80
                Sg     30 42.50
LFF    2.26 334 Pn     30 14.70  -0.2
                Pg     30 19.90
                Sn     30 42.40
                Sg     30 49.10
RJF    2.43 350 Pn     30 16.40  -0.9
                Pg     30 23.90
                Sn     30 43.90
                Sg     30 55.10
EROQ   2.45 212 eP     30 18.90   1.3
                eS     30 49.60
LBL    2.46  19 Pn     30 17.36  -0.4
                Sg     30 57.17
PYM    2.91  12 Pn     30 23.41  -0.8
LRG    3.15  79 Pn     30 27.50   0.1
                Pg     30 37.30
                Sn     31 04.80
                Sg     31 18.40
LMR    3.24  81 Pn     30 28.20  -0.6
                Pg     30 38.30
                Sn     31 06.10
                Sg     31 21.20
PLDF   3.24  19 Pn     30 27.81  -1.1
MAF    3.32   5 Pn     30 29.60  -0.4
                Pg     30 40.60
                Sg     31 22.70
LSF    3.36 353 Pn     30 30.60   0.0
                Pg     30 40.70
                Sg     31 23.60
FRF    3.37  77 Pn     30 30.70   0.0
                Pg     30 41.00
                Sn     31 10.10
                Sg     31 23.70
TCF    3.38   1 Pn     30 31.00   0.2
                Pg     30 40.30
                Sg     31 24.70
BGF    3.68   8 Pn     30 35.10   0.0
                Pg     30 47.50
                Sg     31 34.70
ETOR   3.76 238 eP     30 37.55   1.3
                eS     31 21.00
RRL    3.92  58 P      30 39.33   0.6
SMF    3.93  18 Pn     30 38.50  -0.1
                Pg     30 51.30
                Sg     31 41.30
PZZ    3.94  65 P      30 39.65   0.7
AVF    3.97  12 Pg     30 52.00  12.8X
                Sg     31 43.60
SBF    3.99  74 Pn     30 39.10  -0.4
                Sn     31 24.90
MFF    4.03 337 Pn     30 39.40  -0.6
                Pg     30 52.80
                Sn     31 23.30
                Sg     31 44.40
ENR    4.07  69 P      30 41.09   0.5
BHB    4.19  61 P      30 42.69   0.4
LPG    4.21  51 Pn     30 43.30   0.4
LPL    4.21  50 Pn     30 43.20   0.3
SSF    4.26  13 Pg     30 58.30  14.9X
                Sg     31 53.30
ROB    4.40  70 P      30 45.58   0.3
LOR    4.53  15 Pg     31 02.40  15.3X
                Sg     32 00.80
FIN    4.61  72 P      30 48.78   0.5
PCP    4.93  69 P      30 53.35   0.5
PGF    5.08  92 Pn     30 52.40  -2.6
                Sn     31 46.70
```

S.D. = 0.9 on 38 of 42 obs.

JUN 15, 1994 03h 33m 10.94± 0.49s
42.891 N ± 5.7km 2.061 E ± 4.1km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
MD 3.1 (BTH). mbLg 2.8 (MDD). ML 2.8 (LDG).

```
MTHF   0.35  82 Pg     33 18.54   0.4
VDCF   0.37 143 Pg     33 19.06   0.4
                Sg     33 24.50
GRBF   0.39 263 Pg     33 18.73  -0.2
TRGS   0.39 190 Pg     33 19.73   0.6
                Sg     33 25.71
LESF   0.59 284 Pg     33 23.54   0.7
SALF   0.65 259 Pg     33 24.43   0.4
ETER   0.83 135 iPd    33 28.20   1.2
                eS     33 39.00
EPF    1.27 277 Pn     33 34.30  -0.3
                Pg     33 36.10
                Sg     33 52.10
BTH    1.68 279 iP     33 47.00   6.5X
                iSg    34 07.90
                iLg    34 11.20
EGRA   1.89 249 eP     33 41.50  -2.0
                eS     33 59.70
LPO    1.90 341 Pn     33 44.10   0.4
                Pg     33 48.10
                Sg     34 11.50
CAF    2.03   0 Pg     33 50.80   5.1X
                Sg     34 15.90
LFF    2.26 335 Pn     33 49.40   0.5
                Pg     33 54.50
                Sg     34 23.70
RJF    2.44 351 Pn     33 51.90   0.4
                Sg     34 28.30
LRG    3.20  78 Pn     34 02.80   0.7
                Pg     34 11.00
                Sn     34 39.30
                Sg     34 54.00
LMR    3.29  81 Pn     34 03.20  -0.3
                Pg     34 14.00
                Sn     34 40.70
                Sg     34 55.40
MAF    3.35   6 Pg     34 14.40  10.0X
                Sg     34 58.40
TCF    3.40   2 Pg     34 15.60  10.5X
                Sg     34 58.50
BGF    3.71   8 Pg     34 21.80  12.3X
                Sg     35 09.50
MFF    4.03 338 Pg     34 27.40  13.4X
                Sg     35 17.90
PGF    5.12  91 Pn     34 26.80  -2.8
```

S.D. = 1.2 on 15 of 21 obs.

? JUN 15, 1994 04h 17m 09.49± 0.54s
27.819 N ± 8.2km 140.776 E ±15.2km
DEPTH = 27.9km (2 depth phases)
4.6mb (8 obs.)
BONIN ISLANDS REGION (212)

```
WKYJ   7.78 326 eP     19 09.30   5.6X
CHJJ   8.34 350 P      19 12.50   1.0
TKSJ   8.43 318 P      19 22.00   9.2X
BJI   23.69 307 eP     22 19.50  -0.1
   1.5s     14.00nm          4.3mb
LZH   32.25 294 eP     23 38.70   0.7
   1.2s     35.00nm          5.2mb
                pP     23 47.50  31km
WB2   47.88 188 iPc    25 47.00  -0.2
   0.6s     38.70nm          5.6mb
WRA   47.89 188 P      25 47.50   0.3
   0.8s     16.40nm          5.1mb
ASPA  51.61 188 eP     26 16.10   0.4
   0.7s      6.40nm          4.7mb
MBC   65.52  15 eP     27 52.00   0.0
RES   71.65  13 eP     28 30.50   0.5
YKA   72.10  28 P      28 32.20  -0.7
   0.8s      1.40nm          4.0mb
LRM   81.19  43 eP     29 25.30   0.9
                e      29 33.30  25km
HFS   82.26 336 eP     29 27.80  -1.6
   0.4s      1.30nm          4.4mb
NB2   82.47 338 P      29 29.30  -1.2
   0.6s      1.70nm          4.3mb
LPAZ 150.93  73 PKP    37 03.40   6.8X
LPB  151.07  73 PKP    37 10.00  13.5X
MOCB 155.13  81 PKP    37 10.80   8.6X
```

S.D. = 0.9 on 12 of 17 obs.

JUN 15, 1994 04h 21m 14.66± 0.58s
42.902 N ± 6.2km 2.138 E ± 5.5km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
MD 3.1 (BTH). mbLg 2.9 (MDD). ML 2.8 (LDG), 2.4 (STR).

```
VDCF   0.35 152 Pg     21 22.03   0.1
                Sg     21 27.69
TRGS   0.42 198 Pg     21 22.79  -0.5
                Sg     21 28.79
PERF   0.68 127 Pg     21 28.88   0.7
                Sg     21 38.52
SALF   0.71 259 Pg     21 27.53  -1.2
ETER   0.80 138 eP     21 30.80   0.6
                eS     21 41.90
EPF    1.33 276 Pg     21 39.00  -0.2
                Sg     21 55.20
BTH    1.73 278 iPnc   21 47.00   2.0
                iSg    22 10.00
                e      22 12.50
                Lg     22 15.00
```

LPO 1.91 339 Pn 21 48.20 0.7
Pg 21 51.00
Sg 22 15.60
EGRA 1.95 250 eP 21 44.00 -4.0X
eS 22 03.20
CAF 2.02 359 Pg 21 53.30 4.1X
Sg 22 18.60
LFF 2.27 334 Pn 21 52.40 -0.4
Pg 21 57.70
Sg 22 25.40
RJF 2.44 350 Pg 21 59.50 4.3X
Sg 22 30.90
LRG 3.14 78 Pn 22 06.60 1.6
Sn 22 42.00
LMR 3.23 81 Pn 22 06.60 0.2
Sn 22 43.60
Sg 22 59.40
MAF 3.33 5 Pg 22 18.00 10.1X
Sg 22 59.90
TCF 3.39 1 Pn 22 07.90 -0.7
Pg 22 18.90
Sg 23 00.80
MFF 4.04 337 Pg 22 30.00 12.1X
Sg 23 20.10
PGF 5.07 92 Pn 22 29.80 -2.8
S.D. = 1.3 on 13 of 18 obs.

% JUN 15, 1994 04h 24m 31.10± 1.19s
35.276 N ± 9.7km 4.162 W ±13.3km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.3 (MDD).

EMEL 0.99 88 eP 24 48.25 -1.5
eS 24 59.50
TAF 1.51 107 iPgd 25 00.00 1.8
EGUA 1.63 17 eP 24 58.70 -1.2
eS 25 19.50
ERON 1.76 9 eP 25 02.03 0.1
eS 25 23.00
IFR 1.93 205 iPg 25 04.00 -0.4
iSg 25 29.00
ECOG 2.05 13 eP 25 07.52 1.3
eS 25 30.30
S.D. = 1.7 on 6 of 6 obs.

% JUN 15, 1994 04h 39m 58.44± 3.39s
34.142 S ±19.4km 70.444 W ±17.8km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CACH 0.13 281 iP+ 40 02.18 0.5
iS 40 04.23
CHCH 0.27 320 iPd 40 04.56 0.4
iS 40 08.50
PCH 0.52 354 iPd 40 09.19 0.1
iS 40 16.04
TACH 0.64 320 iP 40 10.72 -0.5
iS 40 19.35
FCH 0.82 9 iP 40 14.50 -0.1
iS 40 25.45
LNV 0.82 283 iP+ 40 13.98 -0.4
iS 40 24.57
S.D. = 0.5 on 6 of 6 obs.

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* JUN 15, 1994 04h 46m 02.41± 0.88s
42.928 N ± 9.5km 2.085 E ± 6.2km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
MD 3.0 (BTH). mbLg 2.8 (MDD). ML 2.8 (LDG), 2.4 (STR).

MTHF 0.33 88 Pg 46 09.35 0.1
GRBF 0.41 258 Pg 46 10.62 -0.2
Sg 46 16.60
TRGS 0.43 192 Pg 46 10.82 -0.5
Sg 46 16.60
SALF 0.68 256 Pg 46 15.41 -0.5
Sg 46 25.10
PERF 0.73 127 Pg 46 16.70 -0.1
Sg 46 26.29
ETER 0.85 138 eP 46 18.80 0.1
eS 46 29.70
EPF 1.28 275 Pg 46 26.80 0.5
Sg 46 43.40
BTH 1.69 277 iPnc 46 34.90 2.8
i 46 55.40
Sg 46 57.80
Lg 47 02.50
LPO 1.87 340 Pg 46 38.20 3.5X
Sg 47 02.70
EGRA 1.92 248 eP 46 32.50 -2.9
eS 46 54.20
CAF 2.00 360 Pg 46 41.60 5.0X
Sg 47 06.70
LFF 2.23 335 Pg 46 44.30 4.3X
Sg 47 14.20
EROQ 2.45 211 eP 46 44.80 1.8
eS 47 15.50
TCF 3.36 1 Pg 47 06.40 10.4X
Sg 47 48.00
MFF 4.00 337 Pn 47 04.10 -0.9
Pg 47 18.00
Sg 48 08.10
S.D. = 1.6 on 11 of 15 obs.

% JUN 15, 1994 05h 35m 03.54± 2.85s
34.110 S ±16.5km 70.480 W ±16.7km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CACH 0.10 266 iP+ 35 06.79 0.4
iS 35 08.87
CHCH 0.23 321 iPd 35 09.16 0.7
iS 35 13.09
PCH 0.49 357 iPd 35 13.77 0.3
iS 35 20.53
TACH 0.59 320 iPd 35 15.21 -0.4
iS 35 23.94
LNV 0.79 281 iP 35 18.54 -0.3
iS 35 29.26
FCH 0.80 11 iP 35 19.08 -0.2
iS 35 30.01
S.D. = 0.6 on 6 of 6 obs.

? JUN 15, 1994 05h 35m 46.11± 5.02s
34.114 S ±30.7km 70.345 W ±26.8km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CACH 0.21 269 iP+ 35 50.00 -0.8
iS 35 52.11
CHCH 0.31 305 iP 35 52.39 -0.2
iS 35 56.32
FCH 0.79 3 iP 36 01.60 0.0
iS 36 13.35
LNV 0.90 280 (P) 36 04.41 1.1
iS 36 12.52
S.D. = 1.4 on 4 of 4 obs.

& JUN 15, 1994 05h 59m 48.63s
34.311 N 118.398 W
DEPTH = 7.4km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 4.2 (PAS), 4.2 (BRK), 4.0 (GS). Slight damage (VI) at San Fernando. Felt (V) at Sunland; (IV) at Burbank, Montrose, Sun Valley and Tarzana; (III) at Glendale, Los Angeles, Northridge and Santa Barbara.

SADC 0.32 224 P 59 54.88 -0.3
LEOC 0.33 14 P 59 55.15 -0.2
FIL 0.38 287 P 59 57.27 1.0
STTC 0.48 354 P 59 58.36 0.1
TPO 0.58 14 P 59 59.84 -0.5
SSK 0.59 100 iPd 59 59.62 -0.9
ELMC 0.66 71 P 00 01.27 -0.7
FTC 0.69 324 P 00 01.66 -0.8
VPD 0.72 133 P 00 02.38 -0.7
RYS 0.85 293 P 00 04.77 -0.7
CSP 0.86 91 iPd 00 04.46 -1.1
ABL 0.87 309 ePc 00 04.19 -1.5
CALC 0.87 25 P 00 05.03 -0.7
ARVC 0.89 337 P 00 04.84 -1.1
RVR 0.91 110 P 00 05.32 -0.9
TEJ 0.95 345 P 00 06.15 -0.8
SME 0.99 119 P 00 06.71 -1.0
MARC 1.04 312 P 00 08.02 -0.5
LPC 1.10 280 P 00 08.26 -1.4
PEC 1.11 112 iPc 00 08.36 -1.3
BTL 1.16 92 P 00 10.42 -0.3
BLKC 1.24 51 P 00 11.61 -0.4
WOFM 1.25 348 P 00 11.36 -0.8
SIL 1.30 88 P 00 12.92 -0.2
PKM 1.31 297 P 00 12.48 -0.7
ISA 1.35 357 ePd 00 12.81 -1.0
WORM 1.39 5 P 00 13.72 -0.7
WASM 1.43 355 P 00 14.85 -0.3
CRGC 1.43 311 P 00 14.22 -0.9
SRTC 1.48 21 P 00 17.05 1.4
XMS 1.48 35 P 00 15.28 -0.4
RMR 1.51 93 P 00 16.10 -0.2
NMC 1.58 15 P 00 18.25 1.1
TOW 1.58 19 P 00 18.53 1.4
WCHM 1.59 10 P 00 16.54 -0.9
SCCM 1.59 294 P 00 16.01 -1.3
PLM 1.60 126 ePc 00 15.46 -2.0
BCH 1.64 303 eP 00 16.57 -1.5
VPEM 1.70 16 P 00 19.97 1.0
YEG 1.71 312 P 00 17.62 -1.3
RVCM 1.74 14 P 00 20.81 1.3
RCWM 1.75 20 P 00 18.62 -0.9
PTRM 2.00 313 P 00 21.45 -1.8
PMGM 2.07 303 P 00 22.29 -1.9
PMRM 2.11 315 P 00 24.96 0.2
PMCM 2.15 312 P 00 26.92 1.6
PHAM 2.24 313 ePd 00 24.99 -1.6
PKEM 2.24 322 eP 00 25.59 -1.0
WKR 2.29 311 P 00 25.85 -1.6
PSTM 2.37 314 P 00 26.76 -1.7
PADM 2.42 304 P 00 26.84 -2.4
PANM 2.53 306 P 00 28.34 -2.4
PDRM 2.58 322 P 00 30.35 -1.2
PTV 2.61 314 P 00 30.32 -1.7
PHCM 2.64 302 P 00 30.18 -2.2
PSAM 2.66 311 P 00 30.94 -1.7
PAPM 2.91 304 P 00 32.84 -3.4
BHPR 2.98 359 P 00 40.81 3.4
MTUM 3.04 358 ePn 00 38.15 0.0
TPNV 3.16 33 eP 00 38.97 -0.9
BCWM 3.27 308 P 00 39.13 -2.3
MMPM 3.33 351 (Pn) 00 41.75 -0.7
MRCM 3.35 359 (Pn) 00 42.51 -0.2
MEMM 3.38 353 (Pn) 00 42.04 -0.7
BSLM 3.44 316 P 00 42.75 -0.9
SAO 3.49 315 ePn 00 41.69 -2.7
BONR 3.64 1 ePn 00 46.96 0.2
DIL 3.65 315 P 00 43.86 -2.8
TNP 3.88 14 ePn 00 49.70 -0.5
ARN 3.96 321 ePn 00 49.20 -1.9
MHC 4.01 320 eP 00 50.66 -1.2
CMB 4.05 337 eP 00 51.11 -1.2
KVN 4.74 3 (Pn) 00 59.17 -3.1
ARUT 5.31 48 ePn 01 10.11 -0.2
NTYM 5.33 321 (P) 01 08.40 -2.1
ORV 5.79 336 ePn 01 14.66 -2.3
MSU 6.54 48 ePn 01 26.71 -1.1
DUG 7.37 36 (Pn) 01 39.84 0.5
SRU 7.93 51 ePn 01 48.11 0.9
EMUT 8.18 46 (Pn) 01 51.12 0.4
DAU 8.33 41 (Pn) 01 52.99 0.1
PV09 8.56 58 ePn 01 56.18 0.1
PV10 8.57 59 (Pn) 01 56.62 0.4
ALQ 9.86 83 (P) 02 12.52 -1.5
LRM 12.36 20 eP 02 57.50 9.4
85 obs. associated

JUN 15, 1994 06h 08m 06.64± 0.99s
42.814 N ±10.1km 2.074 E ± 7.8km
DEPTH = 5.0km (geophysicist)
PYRENEES (378)
ML 2.3 (LDG), 2.0 (STR).

LSPF 0.18 317 Pg 08 09.27 -1.2
VDCF 0.31 136 Pg 08 13.32 0.4
Sg 08 18.78
MTHF 0.36 70 Pg 08 12.69 -1.2
EPF 1.29 280 Pg 08 30.80 -0.3
Sg 08 45.30
LPO 1.98 341 Pg 08 41.90 0.8
Sg 09 05.30
CAF 2.11 360 Pg 08 44.50 1.4
Sg 09 10.60
S.D. = 1.4 on 6 of 6 obs.

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* JUN 15, 1994 06h 18m 45.10± 0.28s
9.438 S ± 5.7km 113.066 E ± 6.8km
DEPTH = 28.6km (7 depth phases)

15d 06h

5.1mb (25 obs.)
SOUTH OF JAWA, INDONESIA (282)
KHKI 2.73 67 ePd 19 31.80 3.9X
e(S) 20 08.50
e 27 35.60
MKS 7.61 57 iPc 20 37.70 0.8
NANU 13.26 170 eP 21 46.00 -8.1X
0.4s 32.00nm 5.7mb
KKM 15.70 12 eP 22 39.00 12.9X
KNA 16.55 114 eP 22 35.50 -1.4
e 22 40.50
MEEK 17.90 164 eP 22 49.00 -4.7X
0.3s 22.00nm 4.8mb
eS 25 53.00
MTN 18.04 102 eP 22 56.00 0.4
0.4s 75.00nm 5.2mb
MRWA 19.87 172 eP 23 13.00 -4.0X
0.4s 12.00nm 4.6mb
e 23 19.00 23km
eS 26 41.00
BAL 21.33 171 eP 23 32.00 -0.1
KLB 22.47 169 eP 23 41.50 -2.0
MUN 22.62 173 eP 23 45.00 0.1
COOL 22.63 162 eP 23 44.00 -1.0
0.4s 20.00nm 5.0mb
e 23 54.00 37km
eS 27 40.00
WOOL 23.00 161 iPc 23 47.80 -0.9
iS 27 52.50
WRA 23.05 119 P 23 49.50 0.2
0.8s 20.10nm 4.7mb
WB2 23.06 119 iPd 23 48.90 -0.5
1.1s 30.50nm 4.7mb
NWAO 23.69 171 eP 23 55.80 0.5
PGP 24.10 19 eP 24 04.00 4.5X
ASPA 24.42 128 iPc 24 02.70 0.1
0.8s 35.70nm 5.0mb
Z 21s 0.60um 4.1Msz
iS 28 40.30
CHTO 31.34 334 eP 25 06.00 0.4
CTA 33.73 112 eP 25 26.00 -0.4
KMI 35.80 344 eP 25 57.60 13.3X
Z 20s 0.60um 4.4Msz
E 13s 0.50um
ARMA 41.54 126 eP 26 34.50 2.5
1.0s 12.00nm 4.6mb
GBA 42.13 302 P 26 35.40 -1.4
0.4s 5.50nm 4.6mb
HYB 43.30 308 eP 26 45.00 -1.5
LZH 46.11 350 eP 27 10.00 1.2
1.8s 86.00nm 5.4mb
Z 28s 0.76um 4.5MszX
E 15s 0.40um
pP 27 19.00 30km
sP 27 23.50
POO 47.64 306 eP 27 24.50 3.4X
BJI 49.31 3 eP 27 34.00 0.5
1.4s 15.00nm 4.8mb
Z 22s 0.62um 4.6Msz
NDI 51.33 319 eP 27 47.00 -2.2
MAT 51.49 26 eP 27 49.00 -1.3
1.0s 12.00nm 4.8mb
ZAK 60.18 353 eP 28 52.00 -0.5
1.2s 30.00nm 5.3mb
CIT 61.19 0 eP 29 00.50 1.0
IRK 61.92 354 eP 29 10.00 5.6X
1.2s 15.00nm 5.0mb
e 29 18.80 29km
YSS 62.10 23 ePc 29 05.00 -0.6
0.8s 20.00nm 5.3mb
e 29 13.70 28km
BOD 67.06 1 eP 29 36.50 -1.1
MAIO 67.84 315 eP 29 42.00 -1.1
ASH 69.47 316 eP 29 53.00 0.0
BRVK 72.11 334 iPc 30 08.50 -0.2
1.2s 16.00nm 4.9mb
Z 26s 0.18um 4.2MszX
N 22s 0.15um
E 22s 0.17um
YAK 72.41 8 eP 30 08.10 -2.2
1.0s 45.00nm 5.4mb
SVE 78.77 334 ePd 30 47.00 0.5
1.1s 60.00nm 5.5mb
SPA 80.62 180 iPc 30 56.80 0.3
1.0s 5.00nm 4.5mb
SLR 81.30 245 eP 31 02.00 1.1
0.8s 20.00nm 5.2mb
PYA 82.50 317 eP 31 03.00 -3.6X
KSR 82.53 245 eP 31 08.00 0.7
BLF 82.77 242 eP 31 16.20 7.7X
BOSA 83.50 242 eP 31 13.30 1.3
SNA 89.43 198 iPd 31 40.00 -0.3
0.7s 13.00nm 5.3mb
MOS 89.66 327 eP 31 52.00 10.5X
OBN 90.04 326 ePd 31 44.00 0.8
1.0s 20.00nm 5.3mb
e 31 51.00 22km
ILT 90.71 21 eP 31 47.00 0.9
i 31 57.00 31km
e 35 25.00
BCAO 95.18 274 ePd 32 09.00 1.1
0.6s 6.00nm 5.2mb
KAF 96.75 332 iP 32 15.40 1.5
0.9s 15.00nm 5.5mb
LRM 126.86 39 ePKP 37 52.50 4.1X
GOL 134.42 42 ePKP 38 05.71 2.8X
ALQ 135.90 49 ePKP 38 09.38 3.6X
WMOK 141.50 44 (PKP) 38 18.88 3.0X
RSNY 144.41 9 ePKP 38 19.86 -0.6
FVM 144.57 33 ePKP 38 20.43 -0.6
MIAR 145.08 40 ePKP 38 21.63 -0.3
YSNY 145.55 15 ePKP 38 23.65 1.1
ITR 146.34 238 ePKP 38 26.30 1.7
BINY 146.41 12 (PKP) 38 23.70 -0.3
LSCT 147.41 9 ePKP 38 28.71 3.2X
TBR 147.77 10 (PKP) 38 27.93 1.8
GMTN 148.03 10 ePKP 38 35.70 9.2X
SOB1 148.14 235 ePKP 38 31.90 4.4X
BAO 148.81 217 ePKP 38 33.10 4.4X
NAV 149.55 22 ePKP 38 33.63 4.5X
CVL 149.74 18 ePKP 38 34.02 4.7X
JSC 152.00 26 ePKP 38 38.38 5.6X
LHS 152.02 25 ePKP 38 36.66 3.9X
LPB 154.17 177 ePKP 38 52.00 15.2X
LPAZ 154.41 177 PKP 38 51.00 13.6X
S.D. = 1.1 on 46 of 72 obs.

% JUN 15, 1994 06h 24m 39.46± 2.11s
34.061 S ±12.3km 70.492 W ±15.1km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CACH 0.11 238 iP+ 24 42.41 0.0
iS 24 44.51
CHCH 0.18 314 iPd 24 44.80 1.2
iS 24 48.75
PCH 0.44 358 iP+ 24 49.19 0.7
iS 24 56.40
TACH 0.55 317 iPd 24 50.95 0.3
iS 24 59.62
FCH 0.75 13 iP 24 54.58 0.2
iS 25 05.76
LNV 0.77 278 iP 24 54.26 -0.2
iS 25 04.93
PEL 0.93 350 (P) 25 00.00 2.8X
iS 25 11.55
ROCH 1.17 338 (P) 24 59.00 -2.5
iS 25 18.38
JACH 1.38 356 (P) 25 05.00 0.2
iS 25 24.62
S.D. = 1.3 on 8 of 9 obs.

& JUN 15, 1994 07h 07m 33.82s
60.070 N 141.708 W
DEPTH = 2.6km
SOUTHEASTERN ALASKA (19)
<AEIC>. ML 2.5 (AEIC).

CHX 0.30 91 eP 07 40.10 0.3
eS 07 44.39
BALM 1.02 342 eP 07 51.95 -1.9
eS 08 07.13
YKU 1.13 117 eP 07 54.17 -1.4
eS 08 09.91
GLB 1.72 324 eP 08 02.93 -2.0
eS 08 26.62
CVA 2.07 285 eP 08 08.40 -1.5
HIN 2.41 280 eP 08 12.04 -2.9
MID 2.43 257 eP 08 12.23 -2.9
KLU 2.51 306 eP 08 14.59 -1.8
VLZ 2.52 297 eP 08 14.11 -2.2
TZL 2.68 319 eP 08 17.06 -1.6
TOA 2.98 315 P 08 21.50 -1.5
BCA3 3.01 359 eP 08 21.48 -1.9
SCM 3.26 305 eP 08 24.50 -2.5
KNK 3.58 295 eP 08 30.82 -0.6
SML 3.67 301 eP 08 30.41 -2.4
GHO 3.91 299 eP 08 34.99 -1.3
IL1 5.30 335 eP 08 52.03 -3.8
ILB 5.30 335 eP 08 51.86 -3.9
BM3 7.49 351 P 09 24.10 -2.6
19 obs. associated

% JUN 15, 1994 07h 36m 31.98± 0.89s
39.139 N ± 7.7km 27.659 E ± 9.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.80 203 ePg 36 47.40 -0.2
eSg 37 00.90
DST 0.88 58 ePn 36 49.40 0.4
EDC 1.22 7 ePn 36 54.00 -0.6
KCT 1.23 26 ePn 36 54.90 0.0
EZN 1.24 304 iPn 36 55.40 0.4
S.D. = 0.6 on 5 of 5 obs.

? JUN 15, 1994 07h 52m 00.31± 1.75s
36.057 N ±13.1km 22.860 E ±17.5km
DEPTH = 5.0km (geophysicist)
SOUTHERN GREECE (368)
MD 3.8 (ATH).

VLI 0.66 5 ePb 52 13.20 -0.4
VAM 1.27 120 ePb 52 24.20 -0.1
ATH 2.03 19 ePb 52 36.00 0.5
NPS 2.38 109 ePg 52 47.80 7.2X
KEK 4.38 327 ePg 53 09.00 0.0
S.D. = 0.6 on 4 of 5 obs.

& JUN 15, 1994 08h 22m 19.76s
47.417 N 123.158 W
DEPTH = 44.0km
3.5mb (2 obs.)
WASHINGTON (29)
<SEA-P>. MD 4.0 (SEA). ML 3.8 (PGC), 3.7 (GS). Felt (III) at Elma, Keyport, Lilliwaup, Matlock, Shelton, Tahuya and Vashon. Felt (II) at Enumclaw and Poulsbo. Felt in the Puget Sound area and as far away as Victoria, British Columbia.

GMW 0.28 62 iPd 22 27.70 -0.6
MEW 0.41 122 P 22 29.11 -0.5
CPW 0.44 178 P 22 29.11 -1.0
OSD 0.55 318 P 22 29.11 -2.4
OSR 0.55 280 P 22 29.11 -2.4
PGW 0.55 43 P 22 30.60 -0.8
BLN 0.60 12 P 22 30.60 -1.5
SPW 0.63 77 Pc 22 32.77 0.3
ONR 0.68 218 Pc 22 32.86 -0.3
GHW 0.71 122 Pc 22 33.18 -0.3
OOW 0.77 295 Pc 22 33.70 -0.7
STW 0.81 335 Pd 22 34.67 -0.2
BLH 0.87 61 Pc 22 35.44 -0.3
RMW 0.92 87 iPc 22 35.94 -0.6
BMW 0.94 183 iPc 22 36.43 -0.4
GSM 0.95 102 Pc 22 36.84 -0.2
LMW 0.96 141 Pc 22 36.79 -0.2
OHW 1.00 25 Pc 22 37.49 0.0
VGZ 1.00 354 Pc 22 36.72 -0.8
HTW 1.02 67 Pc 22 37.38 -0.5
OTR 1.04 310 Pd 22 37.49 -0.7
CZM 1.08 155 P 22 38.79 0.1
RCS 1.12 119 Pc 22 39.13 -0.4
FMW 1.12 115 Pc 22 39.10 -0.4
JCW 1.14 46 Pc 22 39.31 -0.2
LON 1.14 125 iPc 22 39.15 -0.4
CMW 1.23 34 Pc 22 40.86 0.0
PGC 1.25 351 Pc 22 40.13 -0.9
eS 22 55.01
MCW 1.28 10 iPc 22 41.12 -0.5
RVW 1.30 167 Pc 22 41.80 0.0
WPW 1.32 123 Pc 22 42.19 0.1
STD 1.34 151 Pc 22 42.48 0.0
NLO 1.34 189 P 22 42.19 -0.3
SNB 1.36 360 Pc 22 42.30 -0.3
GLK 1.36 128 Pc 22 42.71 -0.1

SOSW 1.37 149 Pc 22 42.86 -0.1
SHW 1.38 152 iPc 22 43.10 0.1
REMW 1.39 151 Pc 22 43.52 0.2
PFB 1.44 324 Pd 22 42.32 -1.5
eS 22 59.51
JLK 1.45 151 Pc 22 44.09 0.1
RPW 1.51 46 Pc 22 44.68 -0.2
VDB 1.76 23 ePc 22 48.17 -0.1
MGB 1.89 328 Pc 22 48.74 -1.5
NAB 1.89 343 eP 22 49.05 -1.1
eS 23 10.50
HNB 1.90 12 ePc 22 49.80 -0.4
BIB 1.99 357 ePc 22 50.97 -0.6
ALB 2.17 330 P 22 52.40 -1.6
OZB 2.20 316 eP 22 52.45 -2.1
SHB 2.23 348 P 22 54.20 -0.9
WPB 2.24 359 Pc 22 54.20 -0.9
VGB 2.51 138 eP 22 58.55 -0.6
BTB 2.59 323 eP 22 58.42 -1.8
CBB 3.00 332 eP 23 04.28 -1.6
DPW 3.38 80 eP 23 08.88 -2.6
EDB 3.60 315 eP 23 12.95 -1.5
BPBC 4.10 314 eP 23 19.42 -2.2
NEW 4.15 76 eP 23 19.50 -2.9
PHC 4.33 321 eP 23 22.50 -2.2
HOLB 4.59 316 eP 23 26.29 -2.3
LBFM 6.14 171 (P) 23 50.49 0.0
BUT 7.42 97 ePg 24 20.60 12.3
LRM 7.54 98 ePn 24 06.70 -3.5
YKA 15.86 15 P 25 56.20 -5.1
0.4s 1.70nm 3.5mb
ULM 18.14 71 eP 26 28.00 -1.9
INK 21.60 350 eP 27 12.00 4.7
1.0s 2.00nm 3.5mb
65 obs. associated

? JUN 15, 1994 08h 39m 21.27± 1.16s
39.337 N ± 9.1km 27.545 E ±16.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

DST 0.88 72 ePg 39 38.30 0.1
eSg 39 51.30
IZM 0.96 193 ePg 39 39.60 0.0
eSg 39 55.00
EDC 1.04 14 ePn 39 41.00 0.1
KCT 1.11 34 ePn 39 41.80 -0.2
S.D. = 0.3 on 4 of 4 obs.

% JUN 15, 1994 08h 55m 08.84± 1.11s
40.725 N ± 8.6km 29.913 E ± 7.5km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

HRT 0.21 297 iPg 55 13.90 0.8
EYL 0.24 130 iPg 55 13.80 0.0
eSg 55 16.80
YLV 0.44 249 ePg 55 17.30 -0.4
eSg 55 23.30
IZI 0.51 221 iPg 55 18.90 -0.2
iSg 55 25.90
ISK 0.73 298 ePg 55 22.30 -1.2
eSg 55 33.30
CTT 1.20 291 iPg 55 32.00 0.3
KCT 1.28 249 ePn 55 33.80 0.8
S.D. = 0.8 on 7 of 7 obs.

% JUN 15, 1994 08h 57m 18.97± 0.90s
42.768 N ±12.1km 2.044 E ± 6.1km
DEPTH = 5.0km (geophysicist)
PYRENEES (378)
mbLg 2.7 (MDD). ML 2.6 (LDG),
2.2 (STR).

GRBF 0.38 281 Pg 57 27.06 0.4
Sg 57 33.08
MTHF 0.40 64 Pg 57 25.78 -1.2
SALF 0.63 270 Pg 57 31.87 0.3
ETER 0.76 128 eP 57 35.50 1.3
eS 57 46.60
EPF 1.28 282 Pg 57 43.70 0.5
Sg 58 00.10
EGRA 1.84 253 eP 57 49.20 -2.2
eS 58 09.40
LPO 2.01 342 Pg 57 54.80 0.8
Sg 58 18.60
S.D. = 1.5 on 7 of 7 obs.

? JUN 15, 1994 09h 08m 47.39± 1.01s
39.239 N ± 9.6km 27.720 E ±15.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

DST 0.79 62 ePg 09 02.70 -0.1
eSg 09 15.70
IZM 0.91 203 ePg 09 04.90 0.0
eSg 09 16.90
EDC 1.11 6 ePn 09 08.00 -0.2
KCT 1.12 26 ePn 09 08.80 0.4
S.D. = 0.5 on 4 of 4 obs.

? JUN 15, 1994 09h 09m 44.89± 0.92s
39.133 N ± 7.7km 27.470 E ± 9.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.75 193 ePg 09 59.60 0.0
eSg 10 11.80
DST 1.01 62 ePn 10 04.20 0.1
EZN 1.12 308 ePn 10 06.00 0.1
EDC 1.25 14 ePn 10 08.00 -0.1
S.D. = 0.1 on 4 of 4 obs.

* JUN 15, 1994 09h 15m 47.43± 1.97s
42.877 N ±17.6km 2.013 E ±11.1km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 2.7 (LDG), 2.3 (STR).

GRBF 0.35 264 Pg 15 55.09 0.4
TRGS 0.38 185 Pg 15 55.65 0.4
Sg 16 01.41
SALF 0.62 259 Pg 16 00.27 0.4
ETER 0.85 132 eP 16 03.80 0.0
eS 16 14.00
EPF 1.24 278 Pn 16 11.10 0.6
Pg 16 12.30
Sg 16 28.50
EGRA 1.85 249 eP 16 17.60 -1.8
eS 16 39.00
S.D. = 1.2 on 6 of 6 obs.

JUN 15, 1994 09h 22m 57.22± 0.14s
10.335 S ± 3.4km 113.660 E ± 3.8km
DEPTH = 19.9km (geophysicist)
6.0mb (83 obs.) 6.1Msz (46 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 6.2 (GS), 6.1 (HRV). Ms 5.9
(BRK). Two events about 1.2
seconds apart. Depth from
broadband displacement
seismograms, based on second
event.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=292 Dip=80 Slip= -90
NP2: 112 10 -90
Principal Axes:
T Plg=35 Azm= 22
P 55 202
Comment: The focal mechanism is
poorly controlled and
corresponds to normal
faulting. The preferred fault
plane is NP1.
RADIATED ENERGY
No. of sta: 19 Focal mech. F
Energy 3.4±0.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 5 No. of sta: 27
Moment Tensor; Scale 10**18 Nm
Mrr=-0.34 Mtt= 0.41
Mff=-0.06 Mrt= 1.88
Mrf=-0.96 Mtf= 0.10
Principal axes:
T Val= 2.09 Plg=41 Azm= 20
N 0.11 7 116
P -2.20 49 213
Best Double Couple:Mo=2.1*10**18
NP1:Strike= 57 Dip= 8 Slip=-149
NP2: 296 86 -83

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 56S,133C M.W.: 39S, 49C
Centroid Location:
Origin Time 09:23: 1.1 0.2
Lat 10.43S 0.01 Lon 113.75E 0.02
Dep 17.0 BDY Half-duration 2.5
Moment Tensor; Scale 10**18 Nm
Mrr=-1.01 0.01 Mtt= 0.86 0.01
Mff= 0.15 0.02 Mrt= 0.92 0.04
Mrf=-0.43 0.04 Mtf=-0.14 0.01
Principal Axes:
T Val= 1.31 Plg=23 Azm= 16
N 0.14 6 109
P -1.45 66 211
Best Double Couple:Mo=1.4*10**18
NP1:Strike= 95 Dip=22 Slip=-105
NP2: 291 69 -84

SRDI 1.90 14 P 23 30.20 1.2
INGI 2.10 44 P 23 34.60 2.7X
KELI 2.26 21 P 23 37.40 3.2X
RANI 2.26 34 P 23 37.50 3.3X
RATI 2.44 49 P 23 39.60 2.8X
THRI 2.70 44 P 23 44.20 3.7X
JEHI 2.71 35 P 23 44.00 3.4X
SINI 6.93 298 P 24 37.00 -3.3X
KALI 7.63 294 P 24 46.40 -3.7X
PACI 7.64 299 P 24 49.20 -1.1
PULI 8.57 297 P 25 02.00 -1.4
PASI 8.77 294 P 25 02.20 -3.7X
TANI 8.90 40 P 25 08.70 0.9
BUNI 9.36 45 P 25 15.70 1.5
PENI 9.65 299 P 25 15.70 -2.4
NANU 12.29 172 eP 25 46.00 -8.1X
TSM 15.12 16 eP 26 33.50 2.0
KNA 15.67 112 eP 26 35.50 -3.1X
0.5s 122.00nm 5.4mb
KGM 16.02 319 ePd 26 40.00 -3.1X
e 27 08.50
KKM 16.47 9 ePc 26 48.50 -0.5
eS 27 33.50
MEEK 16.88 165 eP 26 48.00 -6.0X
eS 29 43.00
MTN 17.30 100 eP 26 59.00 -0.3
0.4s 196.00nm 5.6mb
eS 29 59.00
MRWA 18.91 174 eP 27 13.20 -6.0X
eS 30 26.00
IPM 19.44 319 ePd 27 25.00 -0.6
0.4s 115.40nm 5.5mb
BAL 20.37 172 eP 27 31.50 -3.9X
0.4s 108.00nm 5.6mb
e 27 38.50
eS 31 01.00
PPR 20.61 14 iPd 27 39.00 1.0
DAV 20.98 35 ePc 27 42.00 0.1
eS 31 24.00
KLB 21.49 170 eP 27 44.00 -2.9
0.5s 81.00nm 5.4mb
e 27 51.00
eS 31 29.00
COOL 21.60 162 iPd 27 45.10 -2.9
eS 31 30.00
CGP 21.66 31 eP 27 48.00 -0.7
MUN 21.67 174 eP 27 45.30 -3.4X
1.0s 900.00nm 6.1mb
Z 20s 50.00um 5.9Msz
e 27 54.00
eS 31 32.00
SNG 21.71 323 eP 27 48.60 -0.6
1.0s 180.00nm 5.4mb
eS 31 44.00
WOOL 21.97 161 iPc 27 48.80 -2.9
eS 31 37.70
WRA 22.11 118 P 27 52.50 -0.7
0.7s 63.70nm 5.2mb
WRAB 22.11 118 eP 27 52.02 -1.2
WB2 22.12 118 iPc 27 51.70 -1.6
0.5s 258.90nm 5.9mb
eS 31 53.60
BIP 22.29 35 ePc 27 57.00 2.0
NWAO 22.72 172 eP 27 56.30 -2.9
0.6s 67.00nm 5.3mb
eS 31 57.00
MAP 22.95 27 ePd 28 01.00 -0.5
ASPA 23.42 127 iPd 28 05.90 -0.2

15d 09h

	0.7s	1165.80nm			6.5mb
Z	20s	36.80um			5.8Msz
			iS	32 19.00	
PLP	24.14	28	ePd	28 13.00	-0.1
RKG	24.32	173	eP	28 15.00	0.4
	0.4s	19.00nm			5.0mb
FORT	24.35	149	eP	28 14.00	-1.0
	0.7s	298.00nm			6.0mb
			eS	32 39.00	
PGP	24.76	17	eP	28 21.00	1.9
TGY	25.33	17	iPc	28 26.00	1.5
			iS	32 55.00	
GQP	25.61	20	eP	28 31.00	3.9X
QCP	25.88	17	eP	28 22.00	-7.6X
NNT	26.65	328	iPc	28 37.00	0.3
			e	41 43.20	
BAG	27.44	15	eP+	28 40.00	-4.2X
			eS	33 14.50	
BCP	27.46	15	eP	28 44.00	-0.3
YOMI	27.78	76	P	28 46.30	-0.8
	1.5s	38.00nm			4.9mb X
CVP	29.00	16	ePd	28 59.00	1.0
NST	29.11	332	eP	28 58.00	-1.0
QIZ	29.42	353	ePc	29 02.67	0.9
LOE	29.98	337	eP	29 06.00	-0.8
BDT	31.00	332	eP	29 12.20	-3.6X
	1.0s	303.60nm			6.1mb
CHTO	32.40	333	ePc	29 27.24	-0.8
	1.2s	208.33nm			5.9mb
			ic	29 28.48	
			e	29 34.44	
			e	29 37.67	
			eS	34 40.20	
HKC	32.44	1	P	29 26.80	-1.5
			S	34 40.00	
CTA	32.85	111	iPd	29 32.00	-0.1
	1.7s	576.92nm			6.2mb
			i	29 40.00	
			e	29 52.00	
			i	30 25.00	
			i	30 47.00	
			e	32 18.00	
			iS	34 57.00	
			e	35 25.00	
CTAO	32.85	111	iPd	29 33.24	1.1
			ec	29 37.87	
			ic	29 41.02	
PMG	33.01	91	eP	29 34.48	1.0
	1.2s	125.00nm			5.7mb
			ed	29 43.09	
ADE	33.51	141	eP-	29 37.40	-0.3
TATO	35.92	12	ePc	29 56.66	-1.6
KMI	36.82	343	ePc	30 07.17	1.0
			ic	30 08.58	
			e	30 13.87	
			e	30 17.93	
KMI	36.82	343	iP+	30 10.70	4.5X
	1.2s	0.30nm			3.0mb X
Z	15s	55.00um			6.5MszX
N	14s	14.70um			
E	12s	29.00um			
			pP	30 19.00	28kmX
			sP	30 24.00	
			PP	31 34.00	
			PPP	31 58.00	
			iS	35 48.00	
			sS	36 04.00	
			PcS	36 14.00	
			SS	38 17.00	
			ScS	40 18.00	
KVG	37.68	81	eP	30 15.30	2.0
RAB	38.65	84	eP-	30 23.60	2.1
GUMO	39.04	53	ePc	30 23.53	-1.1
	1.1s	894.90nm			6.4mb
Z	26s	5.44um			5.3MszX
			eS	36 15.10	
PJG	39.04	53	eP	30 24.00	-0.7
GUA	39.05	53	eP	30 23.20	-1.5
	1.1s	1286.08nm			6.5mb
			e	30 25.10	
BWA	39.78	133	eP	30 32.50	1.8
			i	30 34.40	
			i	30 43.30	
			iPP	32 05.70	
CAN	40.62	133	iPc	30 38.20	0.5
			i	30 39.80	
			e	32 06.20	
			iPP	32 13.60	
			eSKKP	58 05.20	
			i	58 11.50	
CNB	40.88	133	eP	30 39.00	-0.8
	1.3s	262.00nm			5.8mb
SSE	41.82	10	iPc+	30 47.70	0.4
	1.4s	814.00nm			6.3mb
Z	20s	23.10um			6.1Msz
N	16s	12.20um			
E	14s	12.50um			
			iS	37 00.00	
			sS	37 12.00	
			ScS	40 32.00	
GBA	43.10	303	Pd	30 56.00	-2.1
	0.6s	34.00nm			5.3mb
HYB	44.31	308	eP	31 07.00	-1.0
	1.0s	180.00nm			5.9mb
			eS	37 35.00	
XAN	44.36	354	ePc	31 06.83	-1.2
			ic	31 07.90	
			e	31 13.86	
			e	31 17.83	
KAGJ	44.47	21	P	31 06.70	-2.3
ODAN	44.92	326	P	31 11.81	-1.1
	0.9s	352.00nm			6.3mb
TAPN	45.13	327	P	31 13.97	-0.7
	0.9s	386.00nm			6.4mb
LSA	45.33	332	(P)	31 16.30	-0.1
			ec	31 17.63	
			e	31 23.09	
			ed	31 26.32	
RAMN	45.42	325	P	31 16.09	-0.9
	0.9s	103.00nm			5.8mb
HNR	45.58	93	eP	31 19.00	0.9
KUMJ	45.67	20	P	31 16.90	-1.6
JIRN	46.20	325	P	31 22.23	-1.0
	0.7s	277.00nm			6.3mb
GUN	46.57	325	P	31 25.11	-1.0
	0.8s	604.00nm			6.7mb
PKI	46.58	325	P	31 24.55	-1.6
	0.9s	151.00nm			6.0mb
DMN	46.78	324	P	31 26.27	-1.4
	0.8s	440.00nm			6.6mb
KKN	46.82	325	P	31 26.49	-1.4
	0.8s	277.00nm			6.4mb
LZH	47.09	349	ePc	31 29.18	-0.7
	2.0s	730.00nm			6.4mb
Z	15s	34.01um			6.4MszX
N	14s	23.96um			
			ic	31 30.50	
			e	31 36.88	
			e	31 40.60	
			PP	33 18.00	
			ScP	36 56.00	
			iS	38 16.00	
			sS	38 31.00	
			ScS	41 22.00	
			SS	41 36.00	
SHNJ	47.22	20	P	31 28.50	-2.2
GKN	47.35	324	P	31 30.49	-1.6
KOLN	47.77	323	P	31 33.91	-1.6
	0.7s	405.00nm			6.6mb
DANN	48.11	324	P	31 36.55	-1.7
	0.8s	415.00nm			6.6mb
SHK	48.13	21	ePc	31 36.70	-1.2
TKSJ	48.14	23	P	31 36.00	-2.0
PYUN	48.38	323	P	31 38.45	-1.8
	0.7s	231.00nm			6.3mb
POO	48.64	306	iPd	31 45.50	3.4X
	1.1s	88.61nm			5.7mb
WKYJ	48.96	24	P	31 42.10	-2.3
YONJ	49.00	22	P	31 43.40	-1.2
BJI	50.17	3	eP	31 52.00	-1.4
	2.0s	320.00nm			6.0mb
Z	22s	18.66um			6.1Msz
N	17s	13.86um			
			ePP	33 47.00	
			eScP	37 10.00	
			eS	39 00.00	
			eSS	42 28.00	
TSRJ	50.26	24	P	31 52.60	-1.7
IIDJ	51.01	26	eP	31 57.20	-2.8
NOUC	51.66	110	iPc	32 07.20	2.1
DZM	51.78	110	iPc	32 06.70	0.5
MTMJ	51.91	25	eP	32 03.90	-3.0
CHJJ	51.95	26	eP	32 04.00	-3.1X
MAJO	52.04	25	(P)	32 04.78	-3.0
			ic	32 05.52	
			e	32 14.30	
MAT	52.04	25	eP	32 04.00	-3.8X
	2.1s	1213.33nm			6.5mb
Z	20s	7.80um			5.7Msz
			eS	39 03.00	
NDI	52.38	319	iP	32 08.00	-2.5
	0.8s	52.24nm			5.5mb
KAKJ	52.60	27	eP	32 07.10	-4.9X
NIIJ	52.96	25	P	32 12.00	-2.6
BKM	53.31	104	iPc	32 20.00	2.4X
YAMJ	54.19	26	eP	32 22.10	-1.5
OFUJ	55.65	26	eP	32 32.40	-1.9
VLA	55.74	16	iPd	32 34.00	-0.8
	2.0s	396.00nm			6.1mb
Z	15s	1.50um			5.2MszX
E	17s	1.90um			
			i	32 41.00	
			i	32 50.00	
			i	33 27.00	
			i	34 44.00	
			iS	40 17.00	
CSY	55.92	182	eP	32 43.70	7.9X
	1.1s	61.60nm			5.5mb
AOMJ	56.34	24	eP	32 39.20	0.0
MCQ	56.73	150	eP	32 42.30	0.4
MSZ	57.66	137	P	32 48.60	0.0
WHZ	58.08	138	P	32 49.10	-2.4
MRRJ	58.20	24	eP	32 51.40	-0.9
MMCZ	58.58	137	P	32 52.70	-2.5
TLC	58.60	137	P	32 55.30	-0.1
CMCZ	58.72	137	P	32 56.60	0.4
SBCZ	58.73	137	P	32 55.90	-0.3
LRCZ	58.74	137	P	32 56.00	-0.4
LSCZ	58.78	137	P	32 56.90	0.4
SAP	58.84	23	eP	32 57.00	0.3
BWZ	58.95	136	P	32 56.10	-1.6
DRV	59.02	168	iP	32 57.70	0.0
			ePP	35 09.00	
			iS	41 09.00	
			eSS	44 48.00	
TUZ	59.21	138	P	32 56.50	-2.9
EWZ	59.33	135	P	33 00.60	0.3
DSZ	59.54	132	P	33 01.90	0.0
OUZ	59.61	125	P	33 03.90	1.6
			e	35 16.20	
ODZ	59.62	136	P	33 01.40	-0.8
LTZ	60.14	134	P	33 04.70	-1.2
ASAJ	60.24	24	eP	33 04.50	-1.9
KUSJ	60.25	26	eP	33 05.00	-1.5
THZ	60.35	132	P	33 05.80	-1.6
NRZ	60.60	129	P	33 10.70	1.6
MQZ	60.64	135	P	33 08.20	-1.0
DIW	60.89	131	P	33 10.50	-0.5
KHZ	60.96	133	P	33 10.20	-1.2
ZAK	61.14	352	ePc	33 10.00	-2.4
	2.0s	308.00nm			6.1mb
Z	15s	2.94um			5.6MszX
N	15s	40.80um			
			eS	41 30.00	
			e	43 00.00	
TCW	61.23	131	P	33 13.20	-0.1
KUZ	61.54	126	P	33 16.10	0.6
MRW	61.55	131	P	33 13.90	-1.6
SNZO	61.57	131	ePd	33 14.66	-0.9
			ic	33 20.54	
KIW	61.63	131	eP	33 14.70	-1.4
CAW	61.80	131	P	33 14.50	-2.7
NGZ	61.84	129	P	33 17.20	-0.5
MNG	62.01	131	eP	33 17.30	-1.4
CIT	62.08	360	eP	33 18.00	-0.8
			eS	41 42.00	
AMW	62.35	131	P	33 19.80	-1.1
TLY	62.36	353	(P)	33 19.49	-1.2
			ec	33 20.41	
			e	33 26.36	
			ed	33 30.50	
WAHZ	62.51	129	P	33 21.30	-0.7
PGZ	62.60	130	eP	33 20.70	-1.8
YSS	62.70	22	eP	33 20.68	-2.3
	1.2s	170.00nm			6.1mb
N	19s	5.20um			
E	19s	2.50um			
			ic	33 22.00	
			ed	33 30.78	
			e	33 37.90	
			eS	41 44.00	

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            ePPS  42 07.00
            eSS   45 52.00
IRK   62.87 354 eP    33 22.00  -2.0
      3.0s  313.00nm          5.9mb
   Z  15s   12.56um           6.2MszX
   N  16s   7.58um
   E  20s   8.45um
            e     33 32.00
            e     33 38.00
            e     34 03.00
            e     35 45.00
            eS    41 49.00
            e     42 03.00
            e     43 05.00
            e     48 36.00
VUN   63.04 105 eP    33 21.00  -4.7X
CRZF  63.23 223 iP    33 24.00  -2.6
            iS    42 12.00
FRU   63.80 329 eP    33 32.00   1.6
      2.1s  550.00nm          6.3mb
            iS    42 04.00
MAW   66.23 199 iPc   33 44.40  -1.2
      1.5s  340.00nm          6.3mb
BOD   67.94   0 eP    33 54.50  -2.0
MAIO  68.88 315 iPd   34 02.20  -0.8
      1.4s  72.12nm           5.6mb
            eS    43 04.00
ASH   70.51 316 P     34 13.00   0.2
      2.0s  1150.00nm         6.7mb
   Z  22s   23.04um           6.4Msz
            i     34 26.00
            e     34 38.00
            e     36 42.00
            iS    43 24.00
            PS    43 43.00
            i     44 10.00
DHR   71.62 302 eP    34 18.00  -1.7
            eS    43 26.00
KAT   72.55 317 iPd   34 24.50  -0.5
   Z  17s   5.60um            5.9MszX
   N  17s   3.00um
   E  17s   5.00um
            i     34 34.50
            e     34 41.00
            e     37 04.00
            ePPP  38 53.00
            eS    43 45.00
            e     44 14.00
            eSS   48 24.00
SBA   72.58 170 eP    34 24.50   0.0
BRVK  73.17 334 iPd   34 27.00  -1.3
      1.8s  221.00nm          5.9mb
            eS    43 51.00
YAK   73.21   8 ePc   34 26.74  -1.6
            ec    34 28.06
PET   73.83  26 eP    34 32.00  -0.1
      1.8s  30.00nm           5.0mb
            e     37 12.00
            e     44 05.00
            eSS   48 48.00
RYD   74.05 299 eP    34 33.50  -0.6
KMSA  74.53 295 ePd   34 36.00  -0.9
DHJN  74.66 292 ePd   34 38.67   0.7
ABHA  75.50 292 ePd   34 41.33  -1.5
MJMA  75.55 300 eP    34 42.00  -0.7
MA2   75.76  18 ePc   34 42.91  -0.2
            ed    34 51.35
NAI   76.84 271 iPc   34 52.00   1.5
   Z  20s   9.54um            6.1Msz
            SS    39 32.00
QASM  77.12 300 eP    34 47.33  -4.2X
BAK   77.45 315 iPd   34 57.00   4.1X
   Z  12s   5.12um            6.1MszX
   N  18s   10.47um
   E  20s   13.30um
            iS    44 46.00
UQSK  78.04 299 ePd   34 57.00   0.4
TAIF  78.51 294 eP    35 00.85   1.4
TAB   79.06 312 iP-   35 02.00  -0.1
SPA   79.73 180 eP    35 04.00  -1.2
      1.7s  281.25nm          6.0mb
   Z  16s   8.52um            6.2MszX
NWL   79.74 244 eP    35 06.10   0.1
      1.0s  120.00nm          5.9mb
SVE   79.82 333 iPd   35 06.00   0.4
      2.1s  700.00nm          6.3mb
   Z  20s   12.00um           6.2Msz
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   N  20s   6.00um
   E  20s   7.00um
            iS    45 05.00
            ePS   46 14.00
BFT   79.89 246 eP    35 07.00   0.1
      1.0s  120.00nm          5.9mb
MAK   80.23 317 iP-   35 08.00   0.0
            i     35 19.50
            ePPP  40 04.00
            iS    45 09.40
            i     45 28.80
            ePS   46 13.00
ARU   80.49 332 ePd   35 09.65   0.5
            ec    35 14.29
            ec    35 17.85
            ed    35 20.50
GNI   80.95 314 ePd   35 14.56   2.4X
            ec    35 19.28
            ed    35 23.00
SMY   81.16  32 P     35 14.00   1.3
      1.0s  101.91nm          5.8mb
   Z  20s   1.04um            5.2Msz
SLR   81.46 245 iPd   35 14.30  -0.8
      1.4s  267.44nm          6.1mb
   Z  18s   10.65um           6.2Msz
MTA   81.51 315 iPd-  35 16.40   1.6
      1.5s  390.00nm          6.2mb
   E  20s   2.50um
            i     35 23.40
            i     38 18.00
            ePPP  40 10.00
            iS    45 19.40
            ePPS  46 15.00
GRO   81.53 317 iPd   35 18.00   3.1X
      1.5s  400.00nm          6.2mb
            iS    45 24.00
NRIL  81.56 351 ePc   35 14.61   0.1
            ec    35 16.10
            ed    35 22.80
GRM   81.99 238 iPd   35 20.50   2.9X
      1.2s  260.00nm          6.2mb
   Z  18s   14.20um           6.4Msz
KSR   82.68 245 iPc   35 21.00  -0.5
      1.5s  300.00nm          6.2mb
BLF   82.86 242 eP    35 22.70   0.3
      0.7s  66.00nm           5.9mb
WAJH  83.15 298 ePd   35 24.60   1.0
FRS   83.52 241 eP    35 25.50   0.0
      1.5s  80.00nm           5.7mb
PYA   83.55 317 iPd-  35 25.00  -0.4
            iS    45 45.00
            eSSS  54 28.00
BOSA  83.60 242 (P)   35 25.99   0.0
            id    35 27.23
            ec    35 33.69
            ec    35 36.25
SWZ   83.89 244 iPd   35 27.60   0.0
      1.2s  140.00nm          6.1mb
LBTB  83.97 246 (P)   35 27.25  -0.8
            id    35 28.58
            ec    35 34.87
SRFA  85.03 300 eP    35 34.67   1.6
BADA  85.09 300 eP    35 35.67   2.3
HQL   85.23 301 eP    35 35.67   1.6
GAZ   85.59 309 iP    35 37.70   2.0
SOC   85.68 316 iPd-  35 36.00   0.0
      2.5s  300.00nm          6.1mb
   Z  24s   3.00um            5.6MszX
   N  24s   2.00um
   E  24s   1.00um
            iS    46 00.00
            eSSS  55 10.00
ADK   85.86  36 ePc   35 37.40   0.7
      1.1s  103.10nm          6.0mb
            ec    35 38.55
            ed    35 46.17
BHL   85.92 305 P     35 37.00  -0.6
            SKS   46 02.00
SUR   86.93 238 ePd   35 44.05   1.3
BNN   87.07 310 iP    35 44.00   0.9
KVT   87.54 312 iP    35 47.50   2.3
ANN   87.73 316 iP    35 46.50   0.6
      1.6s  170.00nm          6.1mb
            e     39 17.00
            i     46 12.00
            e     46 24.00
LFK   87.96 306 eP    35 48.30   0.9
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CER   88.00 237 iPc   35 30.00 -17.7X
      1.5s  200.00nm
CSS   88.05 306 eP    35 49.00   1.3
POF   88.20 241 iPc   35 51.50   2.9X
      1.5s  100.00nm          5.9mb
BLE   88.43 236 iPd   35 51.00   1.4
      1.5s  120.00nm          6.0mb
HLW   88.51 301 eP-   35 53.00   2.9X
            e     36 11.00
            e     46 35.00
            e     46 46.00
SNA   88.76 198 iPd   35 49.00  -1.5
      0.4s  40.00nm           6.1mb
SIM   89.92 316 eP-   35 58.00   1.6
   Z  24s   4.50um            5.8MszX
            e     39 30.00
            e     46 27.00
            iS    46 51.00
MOS   90.73 327 eP    36 00.00   0.2
      2.0s  480.00nm          6.5mb
            e     39 34.00
            e     46 30.00
            eS    46 54.00
            ePS   48 00.00
OBN   91.10 326 ePd   36 02.16   0.6
            ec    36 05.47
            ed    36 10.35
            ipP   36 19.00  59kmX
            e     39 40.00
            i     46 30.00
            iS    46 56.00
            iPS   48 02.00
            iSS   53 00.00
ILT   91.34  20 eP    36 03.00   0.6
      2.0s  78.00nm           5.7mb
            i     39 39.00
            i     46 34.00
            iS    46 59.00
            eSS   53 00.00
WIN   92.06 247 iPd   36 10.50   3.5X
      1.5s  164.00nm          6.2mb
   Z  18s   15.50um           6.5Msz
HON   92.17  69 P     36 20.00  12.8X
   Z  21s   3.44um            5.8Msz
LVZ   95.39 338 iP    36 25.10   3.9X
PUL   95.51 330 (P)   36 21.00  -0.7
      1.6s  140.00nm          6.2mb
            e     36 38.00
            e     40 18.00
            e     46 58.00
            eS    47 22.00
BCAO  95.82 273 iPd   36 24.90   0.7
      0.9s  108.00nm          6.3mb
            i     37 03.00
            i     40 12.40
MNK   95.97 324 eP    36 24.00   0.0
   N  22s   4.20um
            e     47 00.00
            eS    47 36.00
            ePS   49 08.00
            eSS   54 00.00
VAY   97.55 311 iP    36 31.50   0.1
            i     40 30.50
LVV   97.56 319 iP    36 35.00   3.7X
            ePS   47 08.00
SKO   98.46 311 iPc   36 35.50   0.0
   Z  24s   5.60um            6.0MszX
            i     40 32.20
            i     40 51.00
            LR    21 24.00
UZH   98.56 318 eP    36 30.00  -5.8X
UZH   98.56 318 ePc+  36 36.00   0.2
      2.5s  350.00nm          6.5mb
            e     40 41.00
            e     47 09.00
OHR   98.85 310 eP    36 30.20  -7.2X
TTA   99.27  28 eP    36 40.00   1.2
      1.6s  44.20nm           5.8mb
SVW   99.31  29 P     36 38.60  -0.4
      0.9s  20.74nm           5.7mb
BRW   99.58  19 e(P)  36 42.30   2.3
IMA   100.45 24 ePdiff36 45.20   1.0
      1.2s  14.40nm           5.4mb
KDC   100.71 33 ePdiff36 46.40   1.1
      0.3s  3.60nm            5.4mb
CP2   100.95 29 Pdiff 36 47.00   0.3
SRO   101.15 317 ePdiff36 47.60  0.0
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15d 09h

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                           i     40 40.70
OKC     101.37 319 ePdiff36 49.80    1.3
                           e     40 56.00
                           (SKS) 47 30.00
UPP     101.89 329 iPdiff36 58.00    7.5X
                           iPP   41 12.00
                           iSKS  47 28.00
                           iS    48 30.00
SLKM    101.93  30 Pdiff 36 50.30   -0.5
ZST     101.98 317 ePdiff36 51.60    0.3
                           e     40 23.00
                           iPP   41 00.80
PMR     102.45  29 ePdiff36 53.60    0.6
         1.3s    19.10nm           5.6mb
        Z 22s     2.80um           5.7Msz
FBA     102.92  26 Pdiff 36 54.50   -0.5
         0.9s     0.63nm          4.3mb X
LJU     103.69 315 ePdiff37 00.40    1.5
                           ePP   41 15.00
                           eSKS  47 40.00
                           e     47 52.00
PRU     103.70 319 ePdiff37 06.00    7.1X
         2.5s   126.00nm           6.3mb
        Z 16s     4.30um           6.1MszX
        N 19s     4.20um
        E 17s     2.60um
                           PP    41 13.70
                           e     41 23.00
                           SKS   47 39.10
                           S     48 48.60
TOA     103.83  28 ePdiff37 00.60    1.4
         0.9s    31.20nm           6.1mb
HFS     103.86 329 ePdiff37 01.10    1.8
         0.5s     1.40nm           5.1mb
BRG     104.07 320 ePdiff37 09.80    9.3X
        Z 18s     4.00um           6.0Msz
        N 23s     6.20um
        E 23s     2.20um
                           e     40 11.00
                           iSKS  47 43.00
                           iSDIF 48 49.00
                           ePKKP 53 11.50
TRI     104.22 315 e(Pdif37 04.00    2.7X
                           e     40 36.00
                           e(PP) 41 20.00
                           e(PPP)43 48.00
                           e     48 36.00
                           e(SP) 50 40.00
                           e(SS) 56 08.00
                           e(SSS)00 12.00
CLL     104.65 320 ePdiff37 10.00    6.9X
        Z 17s     3.00um           5.9MszX
                           eSKS  47 42.00
                           eS    48 51.00
                           PKKP  52 50.00
COP     104.80 325 ePdiff37 15.00   11.4X
        Z 20s     2.98um           5.8Msz
                           i     41 28.00
                           iSKS  47 48.00
                           i     48 57.00
MOX     105.55 320 ePdiff37 11.00    3.9X
MOX     105.55 320 ePKP  41 17.00   -3.6X
        Z 18s     3.00um           5.9Msz
                           ePP   41 28.00
                           eSKS  47 55.00
                           eSDIF 49 01.00
                           eSS   55 59.00
GRF     105.85 319 (PKP) 41 22.60    1.4
        Z 20s     4.30um           6.0Msz
GRFO    105.86 319 ePdiff37 08.42   -0.1
FUR     105.88 317 ePdiff37 13.70    5.0X
        Z 20s     5.00um           6.1Msz
                           eSKS  47 49.10
PGF     107.71 311 ePKP  41 27.10    2.1
         1.2s    27.95nm
INK     107.90  21 ePKP  41 26.50    2.1
         1.2s     6.00nm
BNS     108.34 320 ePdiff37 28.80    9.3X
        Z 21s     7.70um           6.2Msz
MBC     108.34  12 ePKP  41 26.50    1.4
         1.5s    12.00nm
BSF     108.91 317 ePKP  41 26.20   -0.9
         1.2s    19.65nm
DAG     109.05 350 iPdiff37 23.20    1.1
         0.8s     6.72nm
        Z 20s     7.09um           6.2Msz
LPG     109.15 315 ePKP  41 27.70   -0.2
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         1.8s    21.60nm
LPL     109.16 315 ePKP  41 27.60   -0.3
         1.5s    17.75nm
LBF     110.90 316 ePKP  41 30.40   -0.5
         1.5s    17.25nm
LOR     110.95 317 ePKP  41 30.50   -0.4
         1.3s    23.85nm
        Z 21s     3.72um           5.9Msz
SMF     111.04 316 ePKP  41 30.60   -0.5
         1.0s     6.60nm
SSF     111.21 316 ePKP  41 31.10   -0.3
         1.2s    29.75nm
AVF     111.35 316 ePKP  41 30.80   -0.8
         1.3s    13.70nm
BGF     111.73 316 ePKP  41 32.20   -0.2
         1.3s    50.20nm
TCF     112.21 316 ePKP  41 33.20   -0.1
         1.5s    29.25nm
CAF     112.50 314 ePKP  41 34.10    0.2
         1.6s    34.20nm
LSF     112.68 316 ePKP  41 33.80   -0.4
RJF     112.83 315 ePKP  41 34.70    0.2
         1.6s    52.25nm
        Z 21s     3.25um           5.9Msz
LPO     113.16 314 ePKP  41 35.50    0.4
         1.6s    53.50nm
LFF     113.43 315 ePKP  41 35.90    0.2
RES     113.67   8 ePKP  41 36.50    1.2
         1.0s     3.00nm
MFF     113.76 316 ePKP  41 35.90   -0.4
         1.5s    39.15nm
EPF     114.01 313 ePKP  41 36.60   -0.4
         1.5s    26.10nm
LPF     114.09 318 ePKP  41 35.10   -1.8
         1.2s    30.95nm
EVIA    116.78 308 ePKP  41 44.20    1.7
EHUE    116.97 307 ePKP  41 44.84    2.0
EGUA    117.88 306 iPKPc 41 45.66    1.2
PAB     118.05 309 ePdiff38 09.00    5.9X
                           iP'P' 41 46.00
                           iPP   42 52.00
ELUQ    118.32 307 ePKP  41 46.49    1.1
KIC     119.00 272 PKP   41 45.00   -2.2
         1.5s    94.00nm
EHOR    119.05 308 ePKP  41 48.36    1.7
EPRU    119.18 307 ePKP  41 49.20    2.2
LIC     119.26 271 PKP   41 45.42   -2.3
         1.2s    48.50nm
        Z 20s     8.50um           6.4Msz
TIC     119.31 272 PKP   41 45.44   -2.4
         1.3s    72.00nm
EJIF    119.45 306 iPKPd 41 49.77    2.3
MCW     119.57  39 PKP   41 49.20    1.9
MVO     119.74 312 ePKP  41 50.20    2.3
GMW     119.97  41 PKP   41 50.50    2.4X
BMW     120.02  42 PKP   41 50.50    2.2
MTE     120.28 311 ePKP  41 50.60    1.6
RMW     120.63  41 PKP   41 51.00    1.6
SHW     120.76  42 PKP   41 52.20    2.4X
PTO     120.90 312 ePKP  41 51.80    1.8
MOE     121.31 309 ePKP  41 52.20    1.3
AVE     121.52 303 ePKP  41 51.00   -0.5
                           i     42 09.00
YBH     121.74  47 ePdiff38 29.62   10.1X
YBH     121.74  47 ePKP  42 03.62   11.9X
        Z 20s     2.10um           5.8Msz
                           ePP   43 30.62
                           eSKS  49 00.62
                           eSP   53 23.62
                           eSS   00 02.62
                           eLQ   12 57.62
VGB     121.95  42 PKP   41 54.00    2.0
WDC     122.17  48 PKP   42 00.00    7.5X
        Z 21s     3.86um           6.0Msz
WDC     122.17  48 ePdiff38 33.11   11.8X
LBFM    122.44  47 PKP   41 52.80   -0.5
NTYM    122.62  51 PKP   41 55.80    2.5X
DPW     122.75  39 PKP   41 53.70    0.3
LMEM    122.89  48 PKP   41 56.30    2.2
ORV     123.21  49 ePdiff38 39.36   13.4X
ORV     123.21  49 ePKP  41 56.36    1.8
        Z 20s     2.10um           5.8Msz
                           ePP   43 30.36
                           eSKS  48 48.36
                           eS    51 13.36
                           eSP   53 25.36
                           eSS   59 24.36
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                           eLQ   13 50.36
NEW     123.25  38 PKP   41 54.80    0.4
        Z 20s     3.08um           6.0Msz
ARN     123.73  52 PKP   41 57.70    2.0
SAO     123.93  53 PKP   42 10.00   13.9X
        Z 18s     3.45um           6.1Msz
CMB     124.44  51 PKP   41 58.30    1.2
        Z 19s     2.80um           5.9Msz
CMB     124.44  51 ePdiff38 46.31   14.7X
PHAM    124.97  53 PKP   41 59.40    1.3
BCH     125.37  54 PKP   42 01.50    2.5X
KVN     125.88  49 PKP   42 02.20    2.1
ABL     126.14  54 PKP   42 02.10    1.4
ISA     126.53  53 PKP   42 03.40    2.2
        Z 21s     4.21um           6.1Msz
FRB     126.65   1 ePKP  42 02.00    1.6
         1.4s    18.00nm
TNP     126.83  50 PKP   42 04.00    2.1
KDS     126.98 278 ePKP  42 02.80    0.3
LRM     127.19  39 ePKPc 42 03.20    0.8
ELK     127.40  46 PKP   42 04.20    1.2
CSP     127.77  54 PKP   42 06.00    2.3
TPNV    127.90  51 PKP   42 06.10    2.2
GSC     127.94  53 PKP   42 05.90    2.0
PEC     128.03  55 PKP   42 04.80    0.7
HHAI    128.35  42 PKP   42 07.00    2.5X
PTI     128.54  43 PKP   42 07.40    2.4X
HVU     128.72  44 PKP   42 07.40    2.1
DUG     129.32  46 iPKP  42 08.27    1.8
        Z 20s     2.72um           5.9Msz
MSU     130.42  48 PKP   42 10.20    1.4
BW06    130.44  41 PKP   42 09.10    0.4
EMUT    130.88  46 PKP   42 11.50    1.9
SRU     131.37  46 PKP   42 09.80   -0.7
MBO     131.66 280 ePKP  42 13.20    1.8
PV09    132.61  46 PKP   42 15.10    2.1
PV10    132.73  47 PKP   42 12.60   -0.6
ULM     133.34  26 ePKP  42 16.50    2.9X
GLD     134.75  43 PKP   42 14.60   -2.3
        Z 19s     3.29um           6.1Msz
JAQ     136.00   8 ePKP  42 20.00    1.5
ALQ     136.04  50 PKP   42 08.80  -10.7X
        Z 19s     3.69um           6.1Msz
ACO     140.42  43 iPKPd 42 22.90   -4.4X
WMOK    141.72  45 PKP   42 24.40   -5.3X
        Z 21s     4.66um           6.2Msz
VAO     141.82 210 ePKP  42 33.10    2.8X
MEO     141.83  45 iPKPc 42 25.50   -4.4X
OCO     142.20  43 iPKPd 42 27.30   -3.2X
SIO     142.85  42 iPKPc 42 29.40   -2.2
TUL     143.10  42 iPKPd 42 29.70   -2.3
VVO     143.47  42 iPKPd 42 31.20   -1.4
CBM     143.50   2 PKP   42 30.60   -1.7
        Z 20s     3.87um           6.2Msz
AGX     143.69  67 (PKP) 42 35.50    2.2
GAC     143.90  11 ePKP  42 31.00   -2.0
TYS     144.53  34 PKP   42 32.40   -1.9
LMN     144.58 358 ePKP  42 33.50   -0.7
         1.2s   119.00nm
SLM     144.63  33 PKP   42 50.00   15.5X
        Z 19s     2.72um           6.0Msz
ELF     144.76  19 PKP   42 33.85   -0.7
ACTO    144.77  17 PKP   42 33.68   -0.9
WLVO    144.94  15 PKP   42 34.10   -0.7
LDN     144.94  19 PKP   42 34.25   -0.6
DLA     144.98  20 PKP   42 39.25    4.3X
FVM     144.99  34 PKP   42 34.10   -1.0
        Z 19s     7.46um           6.5Msz
MRX     145.14  70 (PKP) 42 38.00    2.2
RSNY    145.18  10 PKP   42 35.10   -0.2
TYNO    145.30  18 PKP   42 35.01   -0.5
MIAR    145.36  42 ePKP  42 35.64   -0.2
        Z 20s     5.53um           6.3Msz
                           e     42 36.96
STCO    145.39  17 PKP   42 35.30   -0.3
LBNH    145.88   7 PKP   42 37.10    0.7
        Z 21s     5.24um           6.3Msz
YSNY    146.25  16 ePKP  42 38.54    1.4
        Z 20s     6.04um           6.4Msz
                           e     42 39.78
LST     146.42  35 PKP   42 38.40    0.9
CRX     146.59  70 (PKP) 42 43.00    4.3X
GRT     146.78  35 PKP   42 39.60    1.5
ACX     146.81  75 (PKP) 42 43.00    4.3X
MFTN    146.87  35 PKP   42 40.00    1.7
III     146.97  72 (PKP) 42 42.00    2.8X
UNM     147.07  70 (PKP) 42 42.30    2.9X
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BINY 147.15 13 PKP 42 39.30 0.7
Z 21s 5.89um 6.3Msz
HRV 147.63 7 PKP 42 41.20 1.9
Z 20s 4.31um 6.2Msz
PPM 147.63 71 (PKP) 42 44.20 3.6X
SOB1 148.09 233 ePKP 42 42.10 1.2
i 42 46.20
LSCT 148.20 10 PKP 42 41.80 1.6
Z 19s 4.41um 6.2Msz
BAO 148.44 215 ePKP 42 42.40 0.9
i 42 47.10
BDFB 148.45 215 ePKPd 42 42.64 1.1
ePKPbc42 45.95
TBR 148.54 11 PKP 42 43.10 2.3
WCC 148.70 11 PKP 42 43.70 2.7X
GMTN 148.79 12 ePKP 42 44.50 3.3X
IISM 148.81 70 (PKP) 42 49.50 7.7X
OXX 149.76 74 (PKP) 42 48.00 4.4X
NAV 150.14 24 PKP 42 45.30 1.9
BLA 150.38 23 PKP 42 45.90 2.1
CVL 150.40 20 PKP 42 45.10 1.4
MYNC 150.51 31 PKP 42 41.50 -2.6
Z 20s 5.29um 6.3Msz
CEH 152.05 22 ePKP 42 47.24 1.0
Z 20s 4.07um 6.2Msz
PRM 152.17 29 PKP 42 47.90 1.4
CCH 152.46 180 PKP 42 50.00 2.2X
JSC 152.53 28 PKP 42 46.80 -0.2
LHS 152.57 27 PKP 42 48.40 1.4
ARE 152.89 169 ePKP 42 51.00 2.6X
LPB 153.25 176 iPKPc 42 52.30 3.3X
SIV 153.33 191 PKP 42 49.40 0.8
LPAZ 153.49 176 PKP 42 52.00 2.4
SGS 153.78 28 PKP 42 50.30 1.6
HBF 154.06 28 PKP 42 50.40 1.3
NNA 155.49 155 iPKPc 42 54.60 3.0X
1.2s 34.38nm
PSO 165.80 129 ePKP 43 06.00 2.9X
BOCO 170.47 126 iPKPd 43 07.54 1.4
epP'df43 13.00
BOG 170.47 126 iPKP 43 09.00 2.9X
SJG 172.27 359 iPKPd 43 06.91 0.6
epP'df43 12.78
BMG 172.59 115 iPKPc 43 08.00 1.3
FDF 173.31 311 ePKP 43 10.00 3.2X
CAR 179.40 73 iPKPc 43 08.00 -0.1
S.D. = 1.4 on 334 of 425 obs.

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* JUN 15, 1994 09h 36m 03.84± 0.61s
10.518 S ±10.1km 113.727 E ±19.7km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

MEEK 16.69 165 eP 39 58.00 1.1
MRWA 18.73 174 eP 40 20.00 -2.2
eS 43 35.00
WOOL 21.78 161 eP 40 48.40 -6.3X
eS 44 44.60
WB2 21.97 118 eP 41 01.30 4.4X
0.6s 23.10nm 4.8mb
ASPA 23.26 127 eP 41 13.20 3.7X
0.5s 36.30nm 5.1mb X
BDT 31.19 332 eP 42 21.00 -1.3
1.0s 49.70nm 5.3mb X
KMI 37.01 343 P+ 43 14.00 1.4
1.0s 30.00nm 5.1mb X
Z 15s 11.60um 5.8MszX
N 14s 6.90um
E 12s 5.20um
pP 43 22.00 27kmX
SSE 41.99 10 Pd 43 55.00 1.4
1.0s 24.00nm 4.9mb
GBA 43.25 303 P 44 04.00 -0.2
HYB 44.48 308 eP 44 13.50 -0.6
TKSJ 48.29 23 P 44 43.60 -0.3
WKYJ 49.10 24 P 44 49.80 -0.5
YONJ 49.14 21 P 44 49.90 -0.6
MAT 52.17 25 eP 45 11.00 -2.6
GAC 144.06 11 ePKP 55 37.50 -0.4
LMN 144.77 358 ePKP 55 39.50 0.4
1.0s 6.00nm
ELF 144.91 19 PKP 55 40.70 1.3
LDN 145.09 19 PKP 55 41.10 1.4
DLA 145.13 20 PKP 55 41.50 1.7
ITR 146.31 236 ePKP 55 46.10 3.5X
S.D. = 1.4 on 16 of 20 obs.

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* JUN 15, 1994 09h 49m 37.69± 0.59s
6.817 S ±10.6km 153.792 E ±14.7km
DEPTH = 33.0km (normal)
5.0mb (13 obs.)
NEW BRITAIN REGION, P.N.G. (192)

RAB 3.07 328 iPc 50 21.90 -3.1
KVG 5.14 325 eP 50 52.80 -1.7
PMG 7.05 248 eP 51 24.50 3.2X
eS 52 53.00
BKM 17.75 129 iPc 53 43.00 -1.1
DZM 19.47 142 iPc 54 02.00 -3.0
WB2 22.94 233 iPd 54 41.80 1.6
0.5s 29.40nm 5.0mb
ARMA 23.57 185 iPc 54 47.30 1.0
0.8s 12.00nm 4.5mb
ASPA 25.41 227 eP 55 04.80 0.7
1.1s 21.80nm 4.7mb
ADK 63.70 20 e(P) 00 08.50 0.4
0.3s 8.10nm 5.3mb
KDC 77.55 26 eP 01 33.30 1.6
0.9s 26.00nm 5.3mb
SVW 78.28 23 eP 01 37.20 1.4
0.9s 34.60nm 5.4mb
TTA 79.28 21 eP 01 42.40 1.1
1.4s 43.20nm 5.3mb
PMR 81.11 24 eP 01 51.90 1.0
0.9s 15.20nm 5.0mb
IMA 82.02 19 eP 01 57.50 1.7
0.8s 8.20nm 4.8mb
TOA 82.58 24 eP 02 01.00 2.4X
1.1s 47.10nm 5.5mb
SPA 83.22 180 iPc 02 01.50 -0.5
1.0s 5.00nm 4.6mb
FBA 83.38 21 eP 02 03.20 0.6
0.8s 14.10nm 5.1mb
YKA 96.74 28 P 03 01.90 -4.0X
1.0s 1.20nm 4.4mb
SPC 122.54 326 ePKP 08 22.80 -8.9X
LBF 132.35 332 ePKP 08 54.90 4.5X
0.8s 3.35nm
SSF 132.51 333 ePKP 08 55.40 4.8X
1.0s 6.80nm
LPB 132.51 120 PKP 08 49.50 -2.5
LPAZ 132.59 119 PKP 08 49.20 -3.2X
LDF 132.87 337 ePKP 08 58.40 7.2X
1.0s 9.40nm
FLN 132.87 337 ePKP 08 58.80 7.6X
0.7s 5.20nm
TCF 133.68 333 ePKP 08 56.50 3.6X
0.7s 1.85nm
LPF 133.68 337 ePKP 08 59.80 7.0X
1.0s 12.40nm
PAB 141.94 332 ePKP 09 09.80 1.3
VAO 144.08 146 (PKP) 09 13.00 0.4
BAO 148.96 136 PKPc 09 20.10 -0.7
e 10 10.30
S.D. = 1.7 on 19 of 30 obs.

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* JUN 15, 1994 09h 50m 23.04± 0.22s
10.149 S ± 4.8km 113.686 E ± 4.9km
DEPTH = 28.8km (6 depth phases)
5.5mb (41 obs.)
SOUTH OF JAWA, INDONESIA (282)

NANU 12.47 172 eP 53 11.00 -10.5X
KGM 15.89 319 eP 54 03.10 -3.3X
KKM 16.28 9 eP 54 10.00 -1.5
MEEK 17.05 165 eP 54 13.00 -8.1X
MTN 17.30 101 eP 54 23.00 -1.3
0.4s 100.00nm 5.3mb
MRWA 19.09 174 eP 54 37.70 -8.6X
0.5s 88.00nm 5.3mb
eS 57 52.00
IPM 19.32 319 ePc 54 47.30 -1.7
0.5s 115.10nm 5.4mb
PPR 20.42 14 iPd 55 02.00 1.2
BAL 20.55 173 eP 54 56.00 -6.0X
0.3s 28.00nm 5.1mb
eS 58 26.00
CGP 21.49 31 eP 55 15.00 3.3X
COOL 21.77 162 eP 55 09.40 -5.0X
0.4s 55.00nm 5.3mb
eS 58 52.00
MUN 21.85 174 eP 55 10.00 -5.2X
0.7s 245.00nm 5.7mb
e 55 16.50 23km
eS 58 55.00
BIP 22.13 35 eP 55 19.00 0.9
WOOL 22.14 161 iPc 55 13.70 -4.3X
WOOL 22.14 161 eP 55 24.60 6.6X
eS 59 03.20
WB2 22.18 118 iPd 55 19.20 0.5
0.5s 80.60nm 5.4mb
eS 59 12.80
MAP 22.77 27 eP 55 25.00 0.6
NWAO 22.90 172 eP 55 21.50 -4.1X
0.5s 18.00nm 4.8mb
eS 59 21.00
ASPA 23.51 127 iPd 55 31.00 -0.7
0.7s 124.90nm 5.5mb
eS 59 44.00
PLP 23.97 28 ePd 55 37.50 1.4
FORT 24.50 149 eP 55 40.00 -1.1
0.6s 88.00nm 5.5mb
PGP 24.58 17 ePc 55 44.60 2.6
NNT 26.50 328 iPc 56 01.00 1.0
CVP 28.82 16 eP 56 25.00 3.9X
NST 28.95 332 eP 56 23.00 0.7
LOE 29.82 337 eP 56 30.00 -0.1
BDT 30.85 332 eP 56 39.00 -0.1
1.0s 138.00nm 5.7mb
CHTO 32.24 333 iPd 56 52.00 0.6
1.4s 105.77nm 5.6mb
CTA 32.90 111 iPd 56 57.00 -0.1
1.0s 25.00nm 5.1mb
PMG 32.99 92 eP 56 57.50 -0.5
STKA 33.67 134 eP 57 02.80 -0.9
0.9s 66.80nm 5.6mb
KMI 36.65 343 P- 57 31.00 1.6
1.0s 80.00nm 5.5mb
Z 15s 5.40um 5.5MszX
N 12s 2.90um
E 12s 4.40um
pP 57 40.60 32km
eS 03 14.00
PJG 38.91 53 eP 57 47.60 -0.6
GUMO 38.91 53 eP 57 47.60 -0.6
0.7s 162.10nm 5.9mb
GUA 38.91 53 eP 57 47.50 -0.8
0.7s 131.51nm 5.8mb
ARMA 40.63 125 iPc 58 03.70 1.2
0.7s 13.00nm 4.8mb
CNB 40.99 133 eP 58 04.10 -1.2
1.0s 19.00nm 4.8mb
GBA 43.02 303 Pc 58 20.60 -1.4
1.1s 10.00nm 4.5mb X
HYB 44.22 308 ePc 58 31.00 -0.8
1.0s 80.00nm 5.5mb
KAGJ 44.29 21 eP 58 31.60 -0.5
KUMJ 45.49 20 eP 58 41.30 -0.4
LZH 46.91 349 Pd 58 54.00 0.9
2.0s 182.00nm 5.7mb
Z 15s 3.30um 5.4MszX
N 14s 2.08um
pP 59 02.50 28km
sP 59 07.50
ePP 00 45.00
eS 05 41.00
SHNJ 47.04 20 eP 58 53.50 -0.4
TKSJ 47.96 23 P 59 01.00 -0.2
WKYJ 48.78 24 P 59 07.30 -0.3
YONJ 48.82 22 P 59 07.70 -0.1
BJI 49.99 2 eP 59 16.50 -0.1
1.2s 11.00nm 4.8mb
e 00 37.50 401kmX
TSRJ 50.08 24 eP 59 17.90 0.4
IIDJ 50.83 26 eP 59 22.00 -1.2
MTMJ 51.73 25 P 59 28.80 -1.3
CHJJ 51.78 26 P 59 28.40 -2.0
DZM 51.82 110 iPc 59 31.80 0.7
MAT 51.86 25 eP 59 29.00 -2.0
1.2s 37.50nm 5.2mb
NDI 52.26 319 eP 59 31.60 -2.5
NIIJ 52.79 25 eP 59 37.30 -0.6
YAMJ 54.01 26 eP 59 46.40 -0.5
OFUJ 55.47 26 eP 59 56.80 -0.8
VLA 55.56 16 iPc 59 58.00 -0.1
1.1s 99.00nm 5.8mb
i 00 08.00 33km
CSY 56.11 182 eP 00 16.50 14.8X
0.9s 27.80nm
ASAJ 60.06 24 eP 00 29.30 -0.5

15d 10h

ZAK 60.96 352 eP 00 35.00 -0.7
1.6s 45.00nm 5.3mb
CIT 61.89 360 eP 00 31.00 -11.1X
YSS 62.52 22 ePd 00 45.00 -1.3
1.0s 70.00nm 5.7mb
e 00 53.20 27km
IRK 62.69 354 eP 00 47.00 -0.4
BOD 67.76 0 eP 01 20.00 0.1
MAIO 68.77 315 eP 01 26.00 -0.8
i 02 19.00 226kmX
ASH 70.40 316 eP 01 35.00 -1.6
BRVK 73.01 334 eP 01 51.00 -0.9
1.2s 27.00nm 5.1mb
YAK 73.02 8 eP 01 50.50 -1.3
KMSA 74.48 294 eP 02 02.00 0.8
DHJN 74.62 292 eP 02 02.25 0.0
ABHA 75.46 292 eP 02 08.33 1.3
MJMA 75.48 300 eP 02 05.37 -1.5
QASM 77.05 300 eP 02 15.33 -0.4
UQSK 77.97 299 eP 02 20.67 -0.1
BFT 79.99 246 eP 02 32.00 0.0
SMY 80.99 32 e(P) 02 37.40 1.1
MTA 81.40 315 iPd- 02 39.80 1.1
1.0s 60.00nm 5.6mb
GRO 81.41 317 eP 02 40.00 1.2
1.0s 50.00nm 5.5mb
SLR 81.56 245 eP 02 39.20 -1.0
0.8s 26.00nm 5.3mb
GRM 82.11 238 eP 02 52.20 9.4X
0.5s 30.00nm 5.6mb
KSR 82.78 245 P 02 33.00 -13.6X
1.0s 30.00nm
BLF 82.97 242 eP 02 45.00 -2.5
HVD 83.37 240 eP 02 33.00 -16.5X
FRS 83.63 241 eP 02 50.00 -0.6
BOSA 83.71 242 eP 02 50.10 -0.9
ADK 85.70 36 eP 03 00.81 0.4
1.6s 73.77nm 5.7mb
CSS 87.96 306 eP 03 13.00 1.2
OBN 90.96 326 ePd 03 24.50 -0.9
1.2s 44.00nm 5.7mb
e 03 37.00 41kmX
ILT 91.15 20 iPd 03 27.00 0.9
1.2s 36.00nm 5.6mb
WIN 92.15 247 eP 03 34.50 2.6
0.5s 23.00nm 5.9mb
BCAO 95.83 273 iPc 03 49.00 0.2
0.7s 9.00nm 5.3mb
i 03 58.50 30km
SDN 95.89 35 eP 03 48.43 0.3
0.8s 74.92nm 6.2mb
KAF 97.66 332 eP 03 56.50 0.6
NUR 98.27 330 eP 04 01.50 2.8X
TTA 99.09 28 eP 04 03.61 1.1
1.0s 4.82nm 5.0mb
IMA 100.27 24 ePdiff04 09.57 1.6
1.1s 5.39nm 5.0mb
SLKM 101.76 30 ePdiff04 14.08 -0.5
PMR 102.28 29 e(Pdif04 16.20 -0.5
1.4s 18.90nm 5.6mb
TOA 103.65 28 ePdiff04 24.60 1.6
1.1s 31.20nm 6.0mb
RES 113.49 8 ePKP 09 00.50 1.1
LRM 127.03 39 ePKPc 09 27.80 1.2
GSC 127.81 53 ePKP 09 29.25 1.1
JAQ 135.81 8 ePKP 09 42.50 -0.2
WMOK 141.57 45 ePKP 09 47.78 -6.1X
TUL 142.94 42 iPKPd 09 52.60 -3.6X
GAC 143.71 11 ePKP 09 55.00 -2.1
TYS 144.36 34 ePKP 09 57.39 -1.1
LMN 144.40 358 ePKP 09 57.50 -0.8
0.9s 13.00nm
ELF 144.58 19 PKP 09 58.35 -0.4
ACTO 144.59 17 PKP 09 58.64 -0.1
WLVO 144.75 15 PKP 09 59.05 0.1
LDN 144.76 19 PKP 09 58.75 -0.3
DLA 144.79 20 PKP 09 59.15 0.1
FVM 144.82 34 ePKPd 09 58.87 -0.4
RSNY 145.00 10 ePKP 09 58.97 -0.4
e 10 08.51
TYNO 145.11 17 PKP 10 00.20 0.6
MIAR 145.21 42 ePKPd 10 00.56 0.5
STCO 145.21 17 PKP 10 00.42 0.7
LBNH 145.69 7 ePKP 10 01.92 1.3
YSNY 146.06 16 ePKP 10 02.68 1.4
LST 146.25 35 (PKP) 10 03.10 1.4
ITR 146.48 237 ePKP 10 03.60 0.8
e 10 05.30
e 14 44.70
GRT 146.61 35 ePKP 10 05.09 2.8X
MFTN 146.70 35 (PKP) 10 03.01 0.6
BINY 146.97 13 ePKP 10 03.77 1.0
HRV 147.44 7 ePKP 10 04.64 1.2
ePKPbc10 07.24
SOB1 148.22 234 ePKP 10 08.80 3.2X
e 10 18.40
TBR 148.35 11 (PKP) 10 05.73 0.8
ePKPbc10 09.76
WCC 148.52 11 ePKP 10 10.68 5.5X
NAV 149.96 23 ePKP 10 08.68 1.1
BLA 150.20 23 (PKP) 10 08.16 0.2
CVL 150.21 20 ePKP 10 09.59 1.7
ePKPbc10 14.56
CEH 151.86 22 ePKP 10 11.18 0.7
iPKPbc10 17.90
JSC 152.36 27 ePKP 10 12.80 1.6
ePKPbc10 19.70
CCH 152.64 180 PKP 10 20.50 8.0X
LPB 153.43 176 PKP 10 12.00 -1.7
i 10 23.00
SIV 153.52 191 PKP 10 14.00 0.6
SGS 153.60 28 ePKP 10 22.45 9.5X
LPAZ 153.67 176 PKP 10 08.30 -6.0X
i 10 22.70
S.D. = 1.1 on 114 of 140 obs.

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* JUN 15, 1994 10h 28m 50.60± 0.21s
10.168 S ± 5.3km 113.749 E ± 5.5km
DEPTH = 28.8km (9 depth phases)
5.7mb (57 obs.) 6.0Msz (23 obs.)
SOUTH OF JAWA, INDONESIA (282)
Mw 6.1 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 55S,126C
Centroid Location:
Origin Time 10:28:55.9 0.2
Lat 10.31S 0.02 Lon 113.69E 0.03
Dep 15.0 FIX Half-duration 2.3
Moment Tensor; Scale 10**18 Nm
Mrr=-0.95 0.02 Mtt= 0.93 0.02
Mff= 0.02 0.03 Mrt= 1.10 0.08
Mrf=-0.42 0.06 Mtf=-0.07 0.02
Principal Axes:
T Val= 1.47 Plg=26 Azm= 10
N 0.06 8 104
P -1.53 63 210
Best Double Couple:Mo=1.5*10**18
NP1:Strike= 83 Dip=21 Slip=-112
NP2: 287 71 -82
NANU 12.44 172 eP 31 38.00 -10.7X
TSM 14.94 16 eP 32 29.00 7.4X
KNA 15.65 112 eP 32 26.50 -4.3X
KGM 15.95 319 eP 32 32.00 -2.7
KKM 16.29 9 ePd 32 39.00 -0.2
MEEK 17.02 165 eP 32 40.50 -7.7X
MTN 17.24 101 eP 32 50.00 -1.0
0.4s 125.00nm 5.4mb
eS 35 53.00
MRWA 19.07 174 eP 33 05.00 -8.5X
0.3s 59.00nm 5.3mb
eS 36 22.00
IPM 19.37 319 ePc 33 15.80 -1.4
0.8s 93.80nm 5.1mb
BAL 20.52 173 eP 33 24.00 -5.3X
0.4s 76.00nm 5.4mb
eS 37 00.00
DAV 20.80 35 ePc 33 36.00 3.8X
eS 37 16.20
SNG 21.63 322 eP 33 40.50 -0.2
eS 37 44.00
COOL 21.73 163 eP 33 37.00 -4.6X
0.5s 135.00nm 5.6mb
eS 37 25.00
MUN 21.82 174 eP 33 38.00 -4.5X
0.8s 250.00nm 5.7mb
e 33 46.00 29km
eS 37 28.00
WOOL 22.10 162 eP 33 40.90 -4.3X
iS 37 32.80
WRA 22.11 118 P 33 44.20 -1.3
1.0s 31.10nm 4.7mb X
BIP 22.11 35 eP 33 49.50 4.0X
WB2 22.12 118 iPc 33 44.20 -1.4
0.6s 66.00nm 5.3mb
eS 37 45.80
NWAO 22.88 172 eP 33 49.00 -3.9X
0.5s 32.00nm 5.1mb
eS 37 53.00
ASPA 23.45 127 iP 33 57.30 -1.3
0.9s 238.60nm 5.7mb
Z 22s 25.00um 5.6Msz
eS 38 13.80
FORT 24.45 149 eP 34 06.00 -2.2
0.7s 159.00nm 5.7mb
eS 38 31.00
RKG 24.47 173 eP 34 07.60 -0.8
PGP 24.58 17 eP 34 12.00 2.4
TGY 25.14 17 iPc 34 21.00 6.0X
iS 38 51.00
GQP 25.43 20 ePc 34 23.80 6.2X
QCP 25.69 17 eP 34 08.00 -12.1X
BAG 27.26 14 ePc 34 37.80 3.1X
eS 39 12.00
BCP 27.27 14 eP 34 38.00 3.1X
CVP 28.82 16 eP 35 03.40 14.8X
NST 29.00 332 eP 34 50.50 0.3
LOE 29.86 336 eP 34 56.00 -2.0
WWKK 30.34 80 e(P) 35 01.60 -0.8
BDT 30.89 332 eP 35 05.00 -2.0
1.0s 303.60nm 6.1mb
HKC 32.27 1 iP 35 20.90 1.8
CHTO 32.29 333 ePc 35 19.00 -0.3
1.2s 186.81nm 5.9mb
CTA 32.83 111 iPc 35 23.00 -1.1
i 35 29.00 21km
i 35 45.50
e 36 48.00
CTAO 32.83 111 P 35 20.10 -4.0X
1.7s 279.07nm 5.9mb
PMG 32.92 92 eP 35 27.50 2.5X
1.0s 58.00nm 5.4mb
ADE 33.58 141 e(P) 35 28.80 -1.7
TATO 35.74 12 P 35 45.40 -3.5X
1.1s 443.72nm 6.3mb
KMI 36.68 343 P+ 35 58.50 1.3
1.0s 300.00nm 6.1mb
Z 16s 25.90um 6.1MszX
N 13s 16.80um
E 12s 11.70um
pP 36 07.50 30km
sP 36 11.40
S 41 40.00
sS 41 52.00
SS 43 57.00
ScS 46 03.00
GUMO 38.87 53 eP 36 14.40 -1.0
1.1s 311.10nm 6.0mb
e 36 15.80 5kmX
eS 42 09.60
PJG 38.87 53 eP 36 13.80 -1.7
BWA 39.82 133 eP 36 25.00 1.7
i 36 29.30 15kmX
i 37 59.50
iPP 38 02.70
ARMA 40.57 125 iPd 36 30.80 1.3
1.0s 80.00nm 5.4mb
iPP 37 04.80
CAN 40.68 134 eP 36 30.30 0.0
i 36 34.80 15kmX
e 38 06.30
iPP 38 09.40
GBA 43.08 303 P 36 48.20 -1.9
0.8s 14.00nm 4.8mb
HYB 44.28 308 eP 36 59.00 -0.9
1.0s 120.00nm 5.7mb
eS 43 38.00
KUMJ 45.49 20 eP 37 09.30 0.1
LZH 46.94 349 P 37 22.00 1.1
2.0s 796.00nm 6.4mb
Z 15s 21.87um 6.2MszX
N 13s 11.01um
pP 37 31.00 30km
sP 37 35.00
PP 39 12.00
iS 44 10.00
sS 44 27.50
ScS 47 10.00
SS 47 28.00
SHNJ 47.03 20 eP 37 22.40 1.0

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TKSJ   47.96  23 P      37 28.20  -0.5
POO    48.61 306 iPd    37 34.80   0.7
        1.1s    75.95nm       5.6mb
WKYJ   48.77  24 P      37 34.60  -0.5
YONJ   48.81  22 P      37 34.50  -0.8
BJI    50.00   2 eP     37 43.50  -0.8
        5.0s    1.37nm        3.2mb X
     Z  22s    19.28um        6.1Msz
     N  17s     7.26um
               eS       44 52.00
TSRJ   50.08  24 eP     37 43.50  -1.5
IIDJ   50.82  26 eP     37 49.60  -1.1
NOUC   51.63 110 iPc    37 59.10   2.0
MTMJ   51.72  25 eP     37 55.60  -2.0
DZM    51.76 110 iPd    38 00.10   1.9
CHJJ   51.77  26 eP     37 54.10  -3.8X
MAJO   51.85  25 P      37 54.50  -4.0X
        1.2s   146.16nm       5.8mb
MAT    51.85  25 eP     37 56.00  -2.5
        0.7s    17.81nm       5.1mb
     Z  20s     6.38um        5.7Msz
               eS       45 12.00
NDI    52.31 319 eP     38 00.00  -2.1
KAKJ   52.42  27 eP     38 00.50  -2.2
NIIJ   52.78  25 eP     38 07.60   2.2
BKM    53.27 104 iPc    38 11.00   1.6
YAMJ   54.00  26 eP     38 13.30  -1.1
OFUJ   55.46  26 eP     38 21.60  -3.4X
VLA    55.56  16 iPd    38 26.00   0.3
        1.8s   258.00nm       6.0mb
     Z  16s     0.90um        4.9MszX
     E  15s     1.70um
               i        38 35.00  29km
               i        39 30.00
               e        40 30.00
               ePPP     41 50.00
               iS       46 10.00
               iPS      46 29.00
CSY    56.09 182 eP     38 36.20   7.0X
        1.0s    25.90nm       5.2mb
MCQ    56.83 150 eP     38 38.90   4.2X
MSZ    57.72 137 eP     38 40.90  -0.3
        0.9s   304.00nm       6.3mb
TUZ    59.28 138 P      38 52.30   0.3
ASAJ   60.06  24 eP     38 55.90  -1.4
KUSJ   60.07  26 eP     38 55.50  -1.9
THZ    60.40 132 eP     38 59.70  -0.1
NRZ    60.64 129 eP     39 03.00   1.6
DIW    60.93 131 eP     39 01.00  -2.4
ZAK    60.98 352 eP     39 03.00  -0.5
        2.0s   132.00nm       5.7mb
     Z  16s     0.78um        5.0MszX
     N  16s    14.06um
               eS       47 20.00
               e        48 56.00
TCW    61.28 131 eP     39 05.20  -0.6
SNZO   61.61 132 eP     39 07.00  -1.0
KIW    61.68 131 P      39 07.20  -1.3
CAW    61.84 131 eP     39 07.50  -2.1
CIT    61.91 360 eP     39 10.00   0.2
YSS    62.52  22 ePc    39 12.20  -1.7
        0.9s    30.00nm       5.4mb
     N  20s     3.80um
     E  20s     2.20um
               e        39 19.30  23km
               e        39 44.60
               e        47 44.00
               e        51 43.00
PGZ    62.65 131 eP     39 14.20  -0.7
IRK    62.71 353 eP     39 22.00   6.9X
        2.4s   191.00nm       5.8mb
               e        39 55.00 137kmX
               e        41 37.50
               eS       47 48.00
VUN    63.00 105 eP     39 18.90   1.3
CRZF   63.41 223 iP     39 18.00  -1.9
               iS       47 51.00
FRU    63.71 329 eP     39 22.00   0.1
        2.2s   330.00nm       6.1mb
               eS       47 56.00
MAW    66.42 199 eP     39 41.00   2.0
        1.1s   133.30nm       6.0mb
BOD    67.78   0 eP     39 50.30   2.7X
MAIO   68.82 315 iPc    39 54.50  -0.2
               e        48 57.00
ASH    70.45 316 eP     40 05.00   0.5
               e        40 15.00  32km
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               e        42 50.00
               S        49 16.00
KAT    72.49 317 eP     40 20.50   3.8X
               e        40 34.00  47kmX
YAK    73.03   8 eP     40 17.10  -2.3
        1.0s   307.00nm       6.3mb
               e        43 03.00
               eS       49 41.00
BRVK   73.05 334 iPd    40 19.00  -0.7
               eS       49 45.00
PET    73.65  26 eP     40 25.00   1.9
     Z  20s     3.20um        5.6Msz
               eS       49 56.00
               e        54 36.00
RYD    74.04 299 eP     40 25.00  -1.1
KMSA   74.54 294 eP     40 27.33  -1.8
DHJN   74.68 291 eP     40 30.00  -0.2
ABHA   75.52 292 eP     40 35.60   0.6
MJMA   75.54 300 eP     40 32.00  -2.8
NAI    76.93 271 eP     40 44.50   1.5
     Z  22s     5.67um        5.8Msz
               LR       09 50.00
QASM   77.12 300 eP     40 41.33  -2.3
UQSK   78.03 299 eP     40 48.00  -0.7
TAIF   78.52 294 eP     40 52.00   0.4
TAB    79.01 312 e(P)   40 52.00  -1.9
SVE    79.71 333 iPd    40 58.00   0.9
        1.2s   200.00nm       6.0mb
     Z  22s     7.00um        6.0Msz
     N  22s     3.50um
     E  22s     5.00um
               eS       50 59.00
               ePS      52 12.00
SPA    79.89 180 eP     40 56.00  -2.1
        1.4s    81.37nm       5.5mb
BFT    80.04 246 eP     41 02.00   2.2
        0.7s    22.00nm       5.3mb
MAK    80.16 317 eP     41 19.00  19.3X
MTA    81.45 315 iPc+   41 07.80   1.2
        1.0s    80.00nm       5.7mb
     E  19s     2.50um
               eS       51 18.60
               ePS      52 36.00
GRO    81.47 317 iPc    41 09.00   2.4
        1.0s   110.00nm       5.8mb
               eS       51 15.00
SLR    81.61 245 eP     41 05.00  -3.0
        0.9s    58.00nm       5.6mb
GRM    82.16 238 iPc    41 11.50   0.9
        1.2s   136.00nm       5.9mb
KSR    82.83 245 iPc    41 13.50  -0.9
        1.0s    80.00nm       5.8mb
BLF    83.02 242 eP     41 14.20  -1.1
        1.3s    40.00nm       5.4mb
WAJH   83.15 298 eP     41 16.83   1.1
PYA    83.49 317 iP     41 18.00   0.9
        1.0s   150.00nm       6.1mb
               e        44 36.00
FRS    83.68 241 eP     41 09.00  -9.4X
               e        41 18.70  31km
KIV    83.72 317 P      41 20.40   2.0
        1.1s    85.75nm       5.8mb
BOSA   83.76 242 eP     41 18.60  -0.2
SRFA   85.02 300 eP     41 26.25   1.2
BADA   85.08 300 eP     41 26.67   1.3
ADK    85.68  36 eP     41 29.00   1.2
        0.9s    28.80nm       5.5mb
ANN    87.67 316 eP     41 37.00  -0.7
               e        52 16.00
               e        53 30.00
LFK    87.93 306 eP     41 40.30   1.0
CSS    88.02 306 eP     41 41.00   1.3
POF    88.36 241 iPc    41 46.50   5.1X
        1.5s    50.00nm       5.6mb
SNA    88.95 198 iPd    41 41.30  -2.2
        0.5s     9.00nm       5.4mb
SIM    89.87 316 eP     41 54.00   5.8X
MOS    90.64 327 eP     41 53.00   1.5
        2.0s   240.00nm       6.2mb
               e        45 34.00
OBN    91.01 326 iPc    41 54.00   0.8
        1.2s   106.00nm       6.1mb
     Z  24s     8.90um        6.1MszX
     N  24s     5.20um
     E  24s     5.40um
               e        42 05.00  35km
               iS       52 46.00
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ILT     91.15  20 eP     41 55.00   1.4
         2.0s   147.00nm       6.0mb
                e        45 30.00
                e        52 25.00
                eS       52 48.00
                ePS      54 04.00
                eSS      58 56.00
HON     92.03  69 P      42 10.00  11.4X
      Z  20s     2.67um        5.7Msz
WIN     92.20 247 eP     42 03.00   3.3X
         1.4s    70.00nm       5.9mb
PUL     95.41 330 eP     42 24.00  10.7X
         2.0s   190.00nm
                eS       53 26.00
                ePS      54 43.00
                (SSS)    03 48.00
SDN     95.87  35 eP     42 16.50   1.0
         0.9s    96.90nm       6.2mb
BCAO    95.89 273 iPc    42 17.00   0.4
         0.5s    15.00nm       5.7mb
                i        43 03.00 184kmX
VAY     97.51 311 eP     42 13.50  -9.8X
                i        45 41.50
KAF     97.71 332 iP     42 24.40   0.7
         0.8s    27.40nm       5.8mb
SKO     98.42 311 eP     42 27.50   0.1
      Z  24s     4.31um        5.9MszX
                e        45 21.00
                i        46 31.00
                LR       27 06.00
TTA     99.08  28 eP     42 30.80   0.8
         1.1s     9.00nm       5.2mb
BRW     99.40  19 P      42 34.50   3.3X
IMA    100.26  24 ePdiff42 38.60   3.2X
         1.4s     9.20nm       5.1mb
CP2    100.77  29 Pdiff 42 39.00   1.1
TOA    103.64  28 ePdiff42 52.50   2.0
         1.1s    22.60nm       5.9mb
WTTA   105.61 316 iPKP   47 16.20   3.1X
         1.2s    22.70nm
                i        47 18.50
                i        47 28.80
GRF    105.79 319 (PKP)  47 17.40   4.3X
      Z  22s     3.40um        5.8MszX
INK    107.71  21 ePKP   47 20.50   4.4X
         1.1s     3.00nm
MBC    108.16  12 ePKP   47 22.50   5.7X
         1.0s     3.00nm
CHDN   109.38 313 ePKP   47 14.60  -5.5X
                i        47 15.60
                e        47 28.60
RES    113.50   8 ePKP   47 33.00   6.1X
PAB    118.02 309 ePKP   47 42.00   5.2X
KIC    119.08 272 PKP    47 40.53   1.1
         1.1s    26.50nm
LIC    119.35 271 PKP    47 40.95   1.1
         1.1s    31.50nm
TIC    119.40 272 PKP    47 40.97   1.0
         0.9s    25.00nm
GMW    119.79  41 PKP    47 42.00   2.2
BMW    119.84  42 PKP    47 39.40  -0.6
RMW    120.44  40 PKP    47 45.70   4.6X
VGB    121.76  42 PKP    47 46.50   2.8X
WDC    121.99  48 PKP    47 50.00   5.8X
      Z  20s     3.39um        6.0Msz
LBFM   122.26  47 PKP    47 47.00   2.0
DPW    122.56  39 PKP    47 47.20   2.1
ORV    123.03  49 PKP    47 47.60   1.4
NEW    123.07  38 PKP    47 48.80   2.8X
      Z  19s     2.51um        5.9Msz
SAO    123.76  52 PKP    48 00.00  12.2X
      Z  19s     4.02um        6.1Msz
CMB    124.27  51 PKP    48 00.00  11.2X
      Z  18s     2.61um        5.9Msz
BCH    125.21  54 PKP    47 52.30   1.6
KVN    125.70  49 PKP    47 54.60   2.9X
ISA    126.36  53 PKP    48 00.00   7.1X
      Z  21s     3.04um        5.9Msz
FRB    126.48   1 ePKP   48 03.00  10.9X
TNP    126.66  50 PKP    47 54.20   0.6
LRM    127.00  39 ePKP   47 53.00  -1.1
CSP    127.60  54 PKP    47 58.50   3.1X
TPNV   127.73  51 PKP    47 58.50   2.9X
GSC    127.77  53 PKP    47 57.80   2.1
PEC    127.86  55 PKP    47 57.40   1.6
HHAI   128.17  42 PKP    48 00.90   4.7X
HVU    128.54  44 PKP    47 58.60   1.6
```

15d 10h

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DUG    129.14  46 PKP    48 01.40   3.2X
MSU    130.24  48 PKP    48 03.70   3.3X
BW06   130.25  41 PKP    48 01.20   0.9
EMUT   130.70  45 PKP    48 03.20   1.9
PV09   132.44  46 PKP    48 08.10   3.4X
ULM    133.15  26 ePKP   48 14.50   9.3X
GOL    134.50  43 PKP    48 11.30   2.8X
   Z  18s      3.18um          6.1Msz
GLD    134.57  43 PKP    48 11.60   3.0X
JAQ    135.82   8 ePKP   48 15.50   5.3X
ALQ    135.86  50 PKP    48 06.20  -5.0X
ACO    140.24  43 iPKPc  48 14.00  -5.0X
JFWS   141.24  29 PKP    48 20.20  -0.3
WMOK   141.54  45 PKP    48 30.00   8.6X
   Z  20s      3.83um          6.2Msz
MEO    141.66  45 iPKPc  48 18.00  -3.6X
VAO    142.01 210 ePKP   48 25.40   2.8X
SIO    142.67  42 iPKPd  48 25.00   1.7
TUL    142.91  42 iPKPd  48 22.50  -1.2
VVO    143.29  42 iPKPc  48 23.40  -0.9
CBM    143.33   2 PKP    48 25.80   1.8
   Z  21s      3.88um          6.1Msz
AGX    143.54  67 (PKP)  48 26.50   1.4
GAC    143.72  11 ePKP   48 23.00  -1.7
CCM    144.30  35 PKP    48 24.30  -1.7
TYS    144.34  34 PKP    48 24.30  -1.7
LMN    144.42 358 ePKP   48 25.00  -0.9
    1.0s     37.00nm
SLM    144.44  33 PKP    48 40.00  13.8X
   Z  19s      1.21um          5.7Msz
ELF    144.58  19 PKP    48 25.60  -0.7
LDN    144.76  19 PKP    48 26.10  -0.5
WLVO   144.76  15 PKP    48 25.94  -0.6
DLA    144.79  20 PKP    48 26.45  -0.2
FVM    144.81  34 PKP    48 25.40  -1.4
MRX    145.00  70 (PKP)  48 29.45   1.8
RSNY   145.01  10 PKP    48 26.30  -0.7
TYNO   145.11  18 PKP    48 26.72  -0.5
MIAR   145.18  42 PKP    48 27.20  -0.4
   Z  18s      2.73um          6.1Msz
STCO   145.21  17 PKP    48 26.83  -0.5
LBNH   145.70   7 PKP    48 29.30   1.1
   Z  21s      3.65um          6.1Msz
YSNY   146.07  16 PKP    48 29.50   0.6
   Z  20s      3.56um          6.1Msz
LST    146.23  35 PKP    48 31.20   1.9
CRX    146.45  70 (PKP)  48 35.00   4.5X
ITR    146.52 237 ePKP   48 30.30  -0.1
                  i      48 35.10
                  e      51 42.10
                  e      53 04.90
GRT    146.59  35 PKP    48 33.30   3.5X
MFTN   146.68  35 PKP    48 34.30   4.3X
ACX    146.69  75 (PKP)  48 35.00   4.5X
III    146.84  72 (PKP)  48 34.03   3.0X
UNM    146.93  70 (PKP)  48 36.00   4.8X
BINY   146.97  13 PKP    48 32.00   1.7
   Z  20s      4.03um          6.2Msz
IIA    147.45  70 (PKP)  48 41.00   9.3X
HRV    147.45   7 PKP    48 33.90   2.9X
   Z  19s      2.85um          6.1Msz
PPM    147.50  70 (PKP)  48 36.00   3.6X
PPM    147.50  70 (PKP)  48 37.96   5.5X
LSCT   148.02  10 PKP    48 35.70   3.7X
   Z  22s      3.67um          6.1Msz
SOB1   148.26 233 ePKP   48 35.30   2.1
                  e      48 40.70
                  e      49 08.90
WCC    148.53  11 PKP    48 36.90   4.1X
BAO    148.63 215 ePKP   48 34.20   0.4
                  i      48 40.10
IISM   148.67  70 (PKP)  48 41.64   8.0X
LVVM   149.36  68 (PKP)  48 44.80  10.1X
OXX    149.63  74 (PKP)  48 44.42   9.0X
NAV    149.95  24 PKP    48 39.60   4.4X
BLA    150.19  23 PKP    48 40.70   5.2X
CVL    150.21  20 PKP    48 41.30   5.8X
MYNC   150.33  31 PKP    48 50.00  14.2X
   Z  19s      3.02um          6.1Msz
CEH    151.86  22 PKP    48 42.50   4.5X
PRM    151.99  29 PKP    48 41.30   3.0X
JSC    152.34  28 PKP    48 40.30   1.6
LHS    152.38  27 PKP    48 40.30   1.5
CCH    152.62 180 PKP    48 46.10   6.1X
ARE    153.04 169 ePKP   48 47.00   6.4X
LPB    153.41 176 PKP    48 46.00   4.8X
SGS    153.59  28 PKP    48 46.10   5.6X
LPAZ   153.65 176 PKP    48 47.00   5.1X
TPX    154.19  77 (PKP)  48 37.14  -4.6X
       S.D. = 1.4  on 156 of 254 obs.
-------------------------------------
% JUN 15, 1994  10h 53m 45.42± 0.73s
  40.671 N ± 6.5km   29.994 E ± 5.5km
  DEPTH =   5.0km  (geophysicist)
 TURKEY                          (366)
       ML 3.2 (ISK).

EYL       0.16 130 iPg     53 49.30    0.5
HRT       0.29 301 iPg     53 51.80    0.5
GPA       0.45 148 iPg     53 53.70   -0.8
                   iSg     54 00.70
YLV       0.48 258 iPg     53 54.40   -0.7
                   iSg     54 01.90
IZI       0.52 230 iPg     53 56.30    0.5
ISK       0.81 299 iPg     54 00.80   -0.8
                   eSg     54 11.80
CTT       1.28 292 iPg     54 09.20   -0.4
KCT       1.32 252 ePg     54 09.80   -0.5
DST       1.49 225 ePn     54 13.20    0.2
EDC       1.66 259 ePn     54 16.00    0.8
DMK       2.04 305 ePn     54 21.00    0.2
MFT       2.06 274 ePn     54 21.80    0.5
      S.D. = 0.7  on  12 of  12 obs.
-------------------------------------
   JUN 15, 1994  12h 10m 56.48± 0.33s
   10.498 S ± 6.8km  113.441 E ± 9.5km
   DEPTH =  24.7km  (  6 depth phases)
   5.2mb ( 22 obs.)  4.6Msz (  1 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

MKS       7.95  49 iPd     13 10.50   17.1X
NANU     12.16 171 eP      13 47.00   -4.2X
KGM      16.00 320 iP      14 40.00   -1.7
KKM      16.66  10 eP      14 56.00    5.8X
MEEK     16.78 164 eP      14 49.00   -2.6
          0.3s      53.00nm         5.1mb
                   eS      17 40.00
MTN      17.48  99 eP      15 00.00   -0.4
                   eS      18 00.00
MRWA     18.78 173 eP      15 13.50   -2.8
          0.3s      22.00nm         4.8mb
                   eS      18 27.00
IPM      19.42 320 ePd     15 23.10   -1.0
          0.9s      31.00nm         4.6mb
BAL      20.24 172 eP      15 30.00   -2.8
          0.3s      16.00nm         4.9mb
                   eS      19 01.00
DAV      21.24  35 eP      15 45.00    1.9
                   eS      19 33.00
COOL     21.51 162 eP      15 45.00   -0.8
          0.4s      29.00nm         5.1mb
                   eS      19 29.00
MUN      21.53 174 eP      15 46.00    0.1
                   e       15 53.00   25km
                   eS      19 30.00
WOOL     21.89 161 eP      15 48.90   -0.6
                   eS      19 37.50
WB2      22.23 117 iPd     15 52.20   -0.9
          0.4s      28.00nm         5.1mb
                   eS      19 53.90
ASPA     23.49 126 iPd     16 06.20    0.7
          0.7s      82.30nm         5.4mb
                   iS      20 29.80
FORT     24.33 148 eP      16 14.50    1.1
NNT      26.67 329 eP      16 36.00    0.4
NST      29.15 333 eP      16 58.00    0.0
LOE      30.04 337 eP      17 05.00   -1.1
BDT      31.04 332 eP      17 13.90   -0.9
          1.1s     124.80nm         5.7mb
CHTO     32.45 334 iPc     17 26.80   -0.3
          1.0s      60.50nm         5.5mb
CTA      33.00 111 iPc     17 33.00    1.0
                   i       17 40.00   24km
STKA     33.61 134 iPd     17 37.10   -0.1
          0.7s      31.10nm         5.3mb
KMI      36.91 344 P+      18 04.00   -1.6
          1.0s      40.00nm         5.2mb
        Z  15s      2.50um          5.1MszX
        N  13s      1.50um
        E  13s      1.80um
                   pP      18 11.00   24km
                   sP      18 13.00
ARMA     40.63 125 iPc     18 38.70    2.2
          1.2s      24.00nm         4.8mb

SSE      42.02  10 Pc      18 47.90    0.3
          1.0s      14.00nm         4.6mb
                   pP      18 52.80   16km
                   sP      19 08.70
GBA      43.01 303 P       18 56.00    0.1
HYB      44.25 308 eP      19 06.50    0.5
LZH      47.21 349 eP      19 29.00   -0.5
          2.0s      86.00nm         5.4mb
        Z  15s      1.17um          5.0MszX
        N  14s      1.04um
                   pP      19 39.00   33km
                   sP      19 43.00
                   eS      26 10.00
TKSJ     48.38  23 eP      19 36.30   -2.1
WKYJ     49.20  24 eP      19 43.40   -1.4
YONJ     49.23  22 eP      19 42.60   -2.4
BJI      50.34   3 eP      19 52.00   -1.4
          1.4s      12.00nm         4.7mb
        Z  22s      0.62um          4.6Msz
MAT      52.28  25 eP      20 04.00   -4.2X
          1.0s      10.00nm         4.7mb
ZAK      61.27 353 eP      21 08.00   -3.9X
          1.6s      28.00nm         5.1mb
YSS      62.94  22 eP      21 20.20   -2.9
IRK      63.01 354 eP      21 27.00    3.5X
FRU      63.83 329 eP      21 30.00    0.9
          2.2s      60.00nm         5.3mb
MAIO     68.84 316 eP      22 01.00   -0.3
ASH      70.48 317 eP      22 10.00   -1.2
YAK      73.40   8 eP      22 25.60   -2.4
          1.8s     209.00nm         5.9mb
                   e       31 47.00
SVE      79.87 334 ePd     23 06.00    1.6
          2.0s      80.00nm         5.4mb
SLR      81.20 245 eP      23 10.70   -1.6
GRO      81.50 317 eP      23 15.00    1.7
KSR      82.42 245 eP      23 19.00    0.3
BOSA     83.34 242 eP      23 26.50    3.4X
PYA      83.52 317 eP      23 26.00    2.2
ADK      86.12  36 eP      23 35.33   -1.2
          1.2s      20.83nm         5.2mb
OBN      91.11 326 eP      24 14.00   13.8X
ILT      91.56  21 eP      24 02.00    0.0
BCAO     95.61 273 iPd     24 23.10    1.3
          0.8s      11.00nm         5.3mb
                   i       24 31.20   25km
LRM     127.45  39 ePKP    30 02.80    1.4
DUG     129.59  46 ePKP    30 07.49    2.0
GOL     134.94  43 ePKP    30 17.71    1.8
WMOK    141.99  45 ePKP    30 23.82   -4.9X
TYS     144.78  34 ePKP    30 32.71   -0.6
ELF     144.98  19 PKP     30 33.65    0.2
LDN     145.16  19 PKP     30 34.05    0.3
DLA     145.20  19 PKP     30 34.70    0.9
FVM     145.25  34 ePKP    30 33.81   -0.3
RSNY    145.38  10 ePKP    30 34.22    0.1
MIAR    145.63  42 ePKPd   30 35.89    1.0
ITR     146.09 237 ePKP    30 37.90    1.7
                   i       30 38.70
YSNY    146.47  16 ePKP    30 37.41    1.4
BINY    147.36  13 ePKP    30 39.43    2.0
SOB1    147.82 233 ePKP    30 41.70    2.7
                   e       30 43.90
                   e       30 52.10
BAO     148.18 216 ePKP    30 40.00    0.4
                   i       30 43.40
TBR     148.74  11 ePKP    30 44.66    5.0X
NAV     150.38  23 ePKP    30 48.10    5.8X
CVL     150.62  19 ePKP    30 49.16    6.6X
CEH     152.28  22 ePKP    30 52.69    7.6X
CCH     152.29 181 PKP     30 56.00    9.9X
PRM     152.42  29 ePKP    30 47.77    2.4
JSC     152.78  27 ePKP    30 47.19    1.3
LPB     153.10 177 PKP     30 58.20   10.9X
LPAZ    153.34 177 PKP     30 57.60    9.7X
     S.D. = 1.5  on  60 of  76 obs.
-------------------------------------
   JUN 15, 1994  12h 19m 01.07± 0.56s
   11.908 N ± 3.4km   60.823 W ±11.3km
   DEPTH =  60.0km  (geophysicist)
 WINDWARD ISLANDS                ( 95)
       MD 3.6 (TRN).

BOT       0.74 172 eP      19 15.62   -0.3
                   eS      19 27.24
GRW       0.86 287 iP      19 17.23   -0.2
                   eS      19 29.35
```

TRN 1.38 205 iP 19 24.47 0.1
SVB 1.42 343 iP 19 24.83 -0.2
TBH 1.44 190 iP 19 24.97 -0.2
SVV 1.45 345 iP 19 25.28 -0.2
eS 19 45.30
TCE 1.51 217 eP 19 26.20 0.0
TPP 1.70 201 eP 19 29.36 0.6
SLB 1.92 354 iP 19 31.60 -0.4
eS 19 55.41
BIM 2.60 355 iPc 19 41.85 0.3
FDF 2.83 354 iPc 19 45.76 1.0
S 20 18.34
CRM 2.83 358 iPc 19 44.40 -0.4
S 20 16.06
S.D. = 0.5 on 12 of 12 obs.

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* JUN 15, 1994 12h 19m 09.63± 0.48s
10.462 S ± 9.3km 113.453 E ±16.8km
DEPTH = 25.5km (2 depth phases)
4.8mb (8 obs.)
SOUTH OF JAWA, INDONESIA (282)

NANU 12.19 171 eP 22 00.00 -4.7X
MEEK 16.81 164 eP 23 02.40 -2.6
0.4s 50.00nm 5.0mb
eS 25 55.00
MRWA 18.81 173 eP 23 28.00 -1.8
0.4s 13.00nm 4.5mb
eS 26 41.00
IPM 19.40 320 ePc 23 37.90 0.9
BAL 20.27 172 eP 23 47.00 0.9
COOL 21.54 162 eP 23 59.00 -0.2
0.4s 20.00nm 4.9mb
eS 27 43.00
MUN 21.56 174 eP 24 00.00 0.7
e 24 08.00 29km
WOOL 21.92 161 eP 24 02.70 -0.1
iS 27 58.20
WB2 22.24 118 eP 24 06.60 0.4
0.5s 19.60nm 4.8mb
eS 28 11.60
ASPA 23.51 127 eP 24 19.70 1.1
0.7s 35.20nm 5.0mb
iS 28 38.90
NST 29.12 333 eP 25 11.00 0.2
CVP 29.18 17 eP 25 09.00 -2.3
PIP 29.47 14 eP 25 01.00 -12.9X
LOE 30.02 337 eP 25 17.00 -1.8
BDT 31.01 332 eP 25 27.10 -0.5
CHTO 32.42 334 eP 25 40.00 0.1
STKA 33.62 134 iPc 25 51.50 1.2
0.6s 12.10nm 5.0mb
KMI 36.88 344 eP 26 17.40 -0.9
1.0s 10.00nm 4.6mb
Z 16s 1.20um 4.8MszX
E 13s 0.80um
pP 26 24.00 22km
SSE 41.98 10 Pd 27 06.00 5.7X
1.2s 17.00nm 4.7mb
GBA 43.00 303 P 27 10.00 1.1
BJI 50.31 3 eP 28 12.00 5.9X
MAT 52.24 25 eP 28 28.00 7.1X
RSNY 145.35 10 ePKP 38 48.53 1.4
MIAR 145.59 42 ePKP 38 48.66 0.9
e 38 55.20
YSNY 146.43 16 (PKP) 38 50.65 1.7
SOB1 147.85 233 ePKP 38 57.50 5.4X
BAO 148.22 216 PKPc 38 57.20 4.5X
SIV 153.16 192 PKP 39 17.30 17.4X
S.D. = 1.4 on 20 of 28 obs.

& JUN 15, 1994 12h 22m 35.83s
38.643 N 119.826 W
DEPTH = 3.8km
CALIFORNIA-NEVADA BORDER REGION (40)
<GM-P>. MD 2.9 (GM).

MRFM 0.67 234 P 22 47.81 -1.5
CMB 0.75 216 eP 22 49.18 -1.6
MSTM 0.87 212 P 22 51.25 -1.8
MCUM 0.91 223 P 22 52.14 -1.8
MEMM 1.20 144 (P) 22 57.57 -1.2
ORC 1.36 137 P 23 00.94 -0.9
KVN 1.41 73 eP 23 00.35 -2.1
ORV 1.59 305 eP 23 03.34 -1.5
CSTL 1.66 233 P 23 06.32 0.5
MTC 1.76 243 P 23 08.10 0.7
MNR 1.77 234 P 23 07.65 0.2
ARN 1.87 227 eP 23 09.07 0.2
TNP 2.13 104 eP 23 13.10 0.3
NTYM 2.24 264 (P) 23 13.36 -0.9
14 obs. associated

& JUN 15, 1994 12h 34m 00.41s
61.876 N 150.829 W
DEPTH = 62.9km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.8 (AEIC).

PWA 0.51 116 P 34 12.80 0.0
CUT 0.59 26 iP 34 13.12 -0.6
eS 34 23.28
PLRM 0.86 109 eP 34 16.07 -0.9
PMS 0.88 136 P 34 16.60 -0.7
GHO 0.91 96 eP 34 17.14 -0.6
SPU 0.91 221 eP 34 17.14 -0.6
eS 34 31.12
CP2 0.91 228 eP 34 17.38 -0.5
CKN 0.92 225 eP 34 17.54 -0.3
CKT 0.95 225 eP 34 17.42 -0.8
BGL 0.97 231 eP 34 18.05 -0.5
CKL 0.99 227 eP 34 18.16 -0.7
BKG 1.06 221 eP 34 18.96 -0.8
eS 34 34.36
NKA 1.15 190 eP 34 22.04 1.2
SML 1.19 92 eP 34 20.40 -1.0
eS 34 36.43
KNK 1.22 111 eP 34 20.98 -0.9
HUR 1.24 26 eP 34 20.88 -1.1
PTE 1.34 139 eP 34 21.63 -1.7
SLKM 1.40 168 eP 34 22.99 -1.3
RDT 1.51 211 eP 34 25.06 -0.8
DFR 1.57 216 eP 34 25.96 -0.7
TRF 1.60 9 eP 34 25.46 -1.7
REF 1.66 214 eP 34 26.78 -1.2
eS 34 47.61
SCM 1.66 90 eP 34 26.60 -1.3
eS 34 48.13
KTH 1.68 359 eP 34 26.82 -1.4
RS2 1.70 214 eP 34 27.94 -0.6
RSO 1.70 214 eP 34 27.82 -0.7
RED 1.74 214 eP 34 28.31 -0.7
eS 34 50.48
RND 1.79 30 P 34 28.10 -1.5
NNL 1.85 187 eP 34 30.91 0.4
SEW 1.90 159 eP 34 30.09 -1.0
DHY 2.01 52 eP 34 31.38 -1.4
MCK 2.06 24 eP 34 32.71 -0.6
BRLK 2.12 181 eP 34 35.07 0.9
INE 2.12 212 eP 34 34.10 -0.3
TOA 2.21 82 P 34 34.60 -0.9
VLZ 2.28 107 eP 34 33.88 -2.5
CNPM 2.37 185 eP 34 37.82 0.2
KLU 2.37 97 eP 34 35.52 -2.3
SVW 2.42 254 P 34 36.40 -2.1
OPT 2.52 209 eP 34 39.96 0.1
TZL 2.56 84 eP 34 39.15 -1.2
SDG 2.56 73 eP 34 39.86 -0.5
HIN 2.57 123 eP 34 37.68 -2.8
TTA 2.63 296 P 34 39.10 -2.4
PDB 2.67 220 eP 34 41.16 -0.7
PAX 2.72 64 eP 34 41.52 -1.2
CVA 2.80 116 eP 34 40.63 -3.0
WRH 2.89 24 eP 34 42.07 -2.9
HDA 3.09 33 eP 34 45.92 -1.9
MLY 3.17 1 eP 34 46.26 -2.7
MDM 3.31 20 eP 34 48.38 -2.5
GLB 3.38 94 eP 34 49.22 -2.7
IL1 3.41 30 eP 34 49.71 -2.6
ILB 3.41 30 eP 34 49.81 -2.5
BALM 4.16 98 P 34 59.20 -3.8
IM3 4.32 344 eP 35 01.85 -3.3
BCA3 4.36 70 eP 35 03.28 -2.5
BM3 6.17 23 eP 35 27.80 -3.3
58 obs. associated

JUN 15, 1994 12h 43m 30.39± 0.52s
39.876 N ± 6.7km 24.449 E ± 4.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 3.4 (ATH).

OUR 0.58 322 ePg 43 42.40 0.3
eSg 43 52.00
SOH 1.26 319 iPb 43 54.12 0.3
THE 1.36 304 iPb 43 55.30 -0.1
iSb 44 13.44
SRS 1.40 332 iPb 43 55.69 -0.3
eSb 44 16.92
EZN 1.44 91 iPn 43 56.00 -0.6
RDO 1.52 33 iPbc 43 56.80 -0.7
PRK 1.54 114 ePb 43 59.80 1.9
ALN 1.59 50 ePb 43 57.56 -1.0
KNT 1.75 318 ePb 44 01.00 0.1
eSb 44 26.44
AGG 1.85 243 ePb 44 01.60 -0.8
VAY 2.03 316 iPn 44 05.30 0.3
i 44 10.00
i 44 18.00
i 44 38.30
Lg 44 43.50
KZN 2.10 283 ePn 44 06.00 -0.1
MFT 2.35 66 ePn 44 08.80 -0.9
IZM 2.64 123 ePn 44 13.30 -0.5
EDC 2.66 79 ePn 44 18.00 3.9X
OHR 3.04 295 ePn 44 20.20 0.7
SKO 3.10 314 ePn 44 20.00 -0.2
DMK 3.17 51 eP 44 23.00 1.7
S.D. = 0.9 on 17 of 18 obs.

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* JUN 15, 1994 13h 53m 53.08± 0.39s
10.384 S ± 6.1km 112.440 E ±10.8km
DEPTH = 31.2km (3 depth phases)
5.0mb (13 obs.)
SOUTH OF JAWA, INDONESIA (282)

NANU 12.47 167 eP 56 44.80 -6.4X
eS 58 55.00
KGM 15.30 323 eP 57 27.00 -1.6
KKM 16.75 13 eP 57 55.50 8.3X
MEEK 17.19 161 eP 57 48.00 -4.6X
0.4s 33.00nm 4.8mb
eS 00 44.00
IPM 18.71 322 ePd 58 10.30 -1.2
MRWA 19.03 170 eP 58 10.50 -4.8X
0.4s 10.00nm 4.4mb
eS 01 29.00
BAL 20.51 169 eP 58 30.40 -1.0
PPR 20.98 18 iPd 58 37.00 0.7
KLB 21.67 168 eP 58 42.00 -1.2
MUN 21.77 171 eP 58 44.00 -0.2
COOL 21.94 160 eP 58 45.00 -0.9
0.4s 14.00nm 4.7mb
eS 02 34.00
WOOL 22.34 159 eP 58 49.10 -0.6
eS 02 46.60
NWAO 22.87 170 eP 58 54.00 -1.0
WB2 23.16 117 iPd 58 58.50 0.5
0.7s 23.10nm 4.8mb
ASPA 24.36 126 iPd 59 10.40 0.8
0.8s 69.80nm 5.3mb
i 59 20.40 37km
iS 03 45.20
FORT 24.95 147 eP 59 16.50 1.3
PGP 25.19 20 ePd 59 19.60 2.0
NNT 26.08 331 eP 59 27.30 1.4
NST 28.61 335 eP 59 50.00 1.1
LOE 29.57 339 eP 59 57.00 -0.6
BDT 30.50 334 eP 00 06.00 0.3
1.1s 53.30nm 5.3mb
STKA 34.40 133 iPd 00 40.50 0.7
0.8s 53.10nm 5.5mb
KMI 36.54 345 P+ 00 58.00 -0.2
1.0s 70.00nm 5.5mb
Z 14s 0.90um 4.7MszX
N 13s 0.60um
E 13s 0.50um
pP 01 07.00 30km
sP 01 11.20
SSE 42.09 11 Pc 01 45.50 1.6
0.8s 20.00nm 4.9mb
sP 01 59.00
GBA 42.12 304 P 01 44.00 -0.4
LZH 46.92 350 iPc 02 24.00 1.1
1.0s 44.00nm 5.4mb
Z 12s 0.58um 4.8MszX
N 11s 0.38um
pP 02 32.00 27km
TKSJ 48.67 24 P 02 36.50 0.2
YONJ 49.50 23 P 02 41.20 -1.6
WKYJ 49.51 25 P 02 42.50 -0.4

15d 14h

BJI 50.28 4 eP 02 48.50 -0.1
1.0s 11.00nm 4.8mb
MTMJ 52.46 26 eP 03 04.40 -1.0
CHJJ 52.53 27 eP 03 03.30 -2.5
MAT 52.60 26 eP 03 04.00 -2.3
0.8s 7.46nm 4.7mb
YAMJ 54.76 27 eP 03 21.80 -0.4
OFUJ 56.23 27 eP 03 32.00 -0.7
SLR 80.35 246 iPd 06 05.20 1.7
1.0s 15.00nm 5.0mb
ITR 145.32 238 (PKP) 13 29.00 -1.5
RSNY 145.43 9 ePKP 13 31.44 1.6
e 13 39.69
MIAR 146.19 41 ePKP 13 34.83 3.4X
e 13 38.81
e 13 42.89
YSNY 146.62 15 (PKP) 13 33.71 1.8
BAO 147.69 217 ePKP 13 38.70 4.3X
MOCB 148.51 183 PKP 13 43.20 7.1X
CCH 152.37 183 PKP 13 58.80 17.0X
SIV 153.02 194 PKP 13 44.80 2.5
LPAZ 153.49 179 PKP 13 54.80 11.1X
S.D. = 1.3 on 36 of 45 obs.

JUN 15, 1994 14h 09m 35.09± 0.50s
41.192 N ± 5.6km 21.983 E ± 3.4km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.1 (SKO).

GRG 0.39 126 iPg 09 42.96 -0.1
eSg 09 49.32
VAY 0.46 74 iPg 09 44.70 0.4
0.2s 170.00nm
iSg 09 51.40
FNA 0.61 229 iPg 09 47.33 -0.1
eSg 09 56.32
KNT 0.69 92 iPg 09 48.69 -0.2
eSg 09 58.76
SKO 0.88 333 iPg 09 52.30 -0.1
iSg 10 04.40
Lg 10 06.00
OHR 0.90 265 iPg 09 52.90 0.1
iSg 10 07.30
THE 0.93 127 ePg 09 52.88 -0.4
SOH 1.10 109 ePg 09 56.40 0.1
SRS 1.22 93 ePb 09 58.08 -0.1
PAIG 1.81 134 ePb 10 07.64 0.5
eSb 10 32.48
S.D. = 0.3 on 10 of 10 obs.

& JUN 15, 1994 14h 13m 52.51s
34.337 N 116.469 W
DEPTH = 4.9km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.0 (PAS), 3.2 (GS).

CPM 0.29 129 P 13 58.59 0.2
TPC 0.42 123 P 14 00.81 -0.1
BTL 0.45 260 P 14 01.53 0.0
CFT 0.61 241 P 14 04.38 -0.4
FRGC 0.67 150 P 14 05.53 -0.4
PEC 0.73 232 ePd 14 05.75 -1.3
eS 14 15.02
CSP 0.74 267 eP 14 05.93 -1.3
eS 14 15.36
FLSC 0.78 324 P 14 07.44 -1.1
GRP 0.85 57 P 14 08.18 -1.3
SS2 0.86 262 P 14 08.93 -0.8
MIRC 0.97 161 P 14 10.55 -0.9
ELMC 0.99 281 P 14 11.07 -0.7
SSK 1.02 263 eP 14 11.17 -1.3
OLYC 1.05 211 P 14 12.13 -0.7
SBB 1.17 288 P 14 13.97 -1.0
VPD 1.19 245 P 14 14.56 -0.6
CFL 1.29 270 P 14 16.09 -0.8
MWC 1.32 266 P 14 16.47 -1.1
XMS 1.39 329 P 14 18.62 0.0
DTP 1.46 310 P 14 18.98 -0.7
SUP 1.48 158 P 14 17.47 -2.4
WSHM 1.54 327 P 14 20.80 0.0
LEOC 1.54 281 P 14 21.00 0.2
ISA 2.11 309 eP 14 30.14 1.1
ABL 2.33 283 (P) 14 31.97 -0.3
TPNV 2.61 4 eP 14 36.14 -0.1
BCH 3.09 287 ePn 14 41.38 -1.7
27 obs. associated

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* JUN 15, 1994 14h 24m 03.94± 1.37s
41.308 N ±11.7km 20.212 E ± 8.1km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.4 (TIR).

PHP 0.41 24 ePg 24 12.00 -0.4
iSg 24 18.50
OHR 0.48 114 iPg 24 13.70 -0.1
0.6s 250.00nm
iSg 24 22.10
LACI 0.50 311 iPgd 24 13.50 -0.6
iSg 24 21.40
KBN 0.81 147 ePg 24 26.00 6.3X
SDA 0.92 325 ePg 24 22.20 0.8
SKO 1.13 54 iPg 24 25.50 0.3
iSg 24 39.30
Lg 24 40.00
VAY 1.78 89 ePg 24 28.00 -6.9X
S.D. = 0.8 on 5 of 7 obs.

% JUN 15, 1994 14h 33m 22.28± 0.79s
60.435 N ± 5.3km 5.585 E ± 7.4km
DEPTH = 5.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 1.5 (BER).

ASK 0.20 284 eP 33 26.42 0.1
1.1s 412.70nm
eS 33 29.06
EGD 0.24 227 eP 33 27.36 0.2
0.5s 363.60nm
eS 33 30.77
SUE 0.74 327 eP 33 36.48 -0.7
0.9s 26.30nm
eS 33 47.46
HYA 0.79 22 eP 33 38.07 0.0
0.3s 26.70nm
eS 33 49.42
e 33 54.58
BLS5 1.11 156 eP 33 43.35 -0.2
0.4s 16.50nm
eS 33 59.95
FOO 1.20 348 eP 33 45.59 0.6
0.6s 16.90nm
eS 34 01.14
S.D. = 0.5 on 6 of 6 obs.

% JUN 15, 1994 14h 45m 25.67± 1.02s
40.206 N ± 8.6km 29.243 E ± 7.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.6 (ISK).

IZI 0.22 53 iPg 45 30.20 -0.3
YLV 0.37 15 iPg 45 33.30 -0.1
eSg 45 40.20
DST 0.76 218 ePg 45 41.10 0.5
BNT 1.02 279 ePn 45 44.70 -0.3
EDC 1.07 278 ePn 45 45.00 -0.7
CTT 1.13 327 ePn 45 47.70 0.9
S.D. = 0.8 on 6 of 6 obs.

JUN 15, 1994 16h 12m 40.65± 0.72s
40.090 N ± 5.4km 22.371 E ± 6.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)

GRG 0.87 2 ePg 12 57.02 -0.3
eSg 13 10.22
PAIG 1.02 99 ePg 12 59.26 -0.6
eSg 13 14.14
FNA 1.03 313 ePg 13 00.18 0.1
eSg 13 15.30
AGG 1.07 182 ePg 13 00.82 0.1
KNT 1.14 20 ePg 13 01.62 -0.4
eSg 13 17.10
VAY 1.24 7 ePn 13 04.00 0.3
OUR 1.26 78 ePb 13 04.70 0.7
eSb 13 20.46
SRS 1.38 42 ePb 13 06.22 0.2
OHR 1.57 311 ePn 13 14.90 6.2X
S.D. = 0.5 on 8 of 9 obs.

? JUN 15, 1994 16h 36m 42.57± 5.18s
38.370 N ±38.9km 26.847 E ±24.5km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.1 (ISK).

IZM 0.33 85 ePg 36 49.40 0.0
eSg 36 53.70
EZN 1.51 345 iPn 37 09.60 0.0
EDC 2.13 21 ePn 37 19.00 0.4
BNT 2.15 22 ePn 37 18.70 -0.3
KCT 2.21 31 ePn 37 19.70 -0.2
S.D. = 0.4 on 5 of 5 obs.

JUN 15, 1994 16h 53m 01.05± 0.39s
37.596 N ± 3.2km 30.075 E ± 3.6km
DEPTH = 7.9 ± 2.8 km
4.4mb (33 obs.)
TURKEY (366)
MD 4.5 (HLW). ML 4.1 (ISK).

BCK 0.43 108 iPg 53 11.40 1.6
KHL 0.85 329 iPg 53 17.50 -0.1
ELL 0.86 189 iPg 53 16.00 -1.8
eSg 53 30.00
KSL 1.53 195 eP 53 31.00 2.4
DST 2.30 331 iPn 53 40.30 0.3
IZM 2.36 291 ePn 53 40.00 -0.8
GPA 2.70 4 iPn 53 44.80 -0.7
IZI 2.78 350 ePn 53 45.70 -1.0
EYL 2.97 1 ePn 53 49.20 -0.2
KCT 2.97 334 ePn 53 48.70 -0.6
YLV 3.02 350 iPn 53 50.20 0.1
BNT 3.23 329 iPn 53 51.70 -1.3
EDC 3.24 329 iPn 53 53.00 -0.2
PPCY 3.27 145 eP 53 57.00 3.4X
PRK 3.41 300 eP 53 55.50 -0.1
ISK 3.55 348 ePn 53 58.00 0.4
EZN 3.68 308 iPn 53 58.60 -0.9
CSS 3.72 134 eP 54 01.50 1.5
CTT 3.77 341 ePn 54 01.00 0.3
MFT 3.86 327 ePn 54 01.70 -0.3
NPS 4.29 238 eP 54 10.00 1.9
ALN 4.54 318 eP 54 11.14 -0.5
DMK 4.58 338 ePn 54 12.00 -0.2
RDO 4.99 317 iPc 54 18.50 0.5
VAM 5.21 247 eP 54 08.00 -13.2X
OUR 5.48 302 eP 54 24.06 -0.9
PAIG 5.51 297 eP 54 24.98 -0.5
VLI 5.77 263 eP 54 31.20 2.2
SRS 6.13 307 eP 54 32.66 -1.5
SOH 6.13 304 eP 54 33.46 -0.7
ADI 6.17 135 P 54 35.40 0.8
BRNI 6.31 139 P 54 36.70 -0.1
HRI 6.32 131 P 54 36.70 -0.3
MMR 6.34 135 P 54 37.30 0.1
ATZ 6.38 137 P 54 38.00 0.2
S 55 50.90
MAMI 6.57 139 P 54 39.70 -0.7
KSHT 6.58 133 P 54 41.00 0.5
GVMR 6.59 137 P 54 41.50 0.8
GLH 6.68 135 P 54 42.20 0.2
ZNT 6.72 141 P 54 42.10 -0.3
S 55 58.10
MML 6.76 138 P 54 43.10 0.1
GRG 6.83 302 eP 54 44.06 0.0
VAY 6.90 305 iPn 54 45.00 0.1
HMDT 6.95 138 P 54 46.30 0.6
BGIO 7.17 143 P 54 48.50 -0.3
YTIR 7.49 145 P 54 52.60 -0.8
MZDA 7.60 144 P 54 54.50 -0.2
HLW 7.79 172 ePn 54 57.25 -0.2
eSn 56 19.00
MKT 7.85 146 P 54 56.70 -1.6
S 56 26.80
SIM 7.95 21 (P) 55 00.00 0.4
SKO 7.96 306 iPn 54 59.00 -0.8
0.9s 30.00nm 5.5mb X
LR 58 24.00
RMN 8.02 151 P 54 59.40 -1.4
ARVI 8.12 147 P 55 00.80 -1.2
SAGI 8.28 151 P 55 03.00 -1.4
PRNI 8.31 149 P 55 03.10 -1.6
MBH 8.77 151 P 55 09.60 -1.6
S 56 47.50
ANN 9.09 34 eP 55 24.00 8.6X
UZH 12.40 335 eP 56 20.50 19.9X
TAB 12.86 83 eP 56 22.00 15.0X
SRO 13.36 324 eP 56 08.80 -4.7X

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ZST     14.21 322 eP     56 31.80   7.2X
LJU     14.32 311 eP     56 34.50   8.4X
VOY     14.70 310 eP     56 33.50   2.4
OKC     14.95 329 eP     56 40.60   6.4X
KBA     15.56 313 iP     56 45.70   3.3X
        1.2s    18.00nm          4.2mb
                  i      56 47.50
GEC2    16.36 319 Pn     56 52.10  -0.5
        1.1s     9.87nm          3.9mb
                  e      56 56.20
MNK     16.40 355 eP     57 00.00   7.1X
KHC     16.60 319 eP     56 55.50  -0.1
        1.5s    25.90nm          4.1mb
     Z  12s      0.80um          5.3MszX
                  e      57 01.00
                  e      57 20.00
WTTA    16.66 311 iP     57 02.20   5.7X
        0.8s    13.10nm          4.1mb
PRU     16.67 323 eP     57 00.00   3.6X
                  e      57 11.00
OSS     17.31 308 ePd    57 07.90   3.2X
BRG     17.55 324 iP     57 09.20   1.8
        1.5s    18.00nm          4.0mb
TMA     17.90 305 ePd    57 15.60   3.5X
OBN     18.06  12 ePd    57 13.00  -0.8
        1.5s    35.00nm          4.3mb
LLS     18.11 307 ePd    57 16.70   2.1
GRF     18.17 318 eP     57 18.90   3.7X
        1.0s     5.80nm          3.7mb
     Z  14s      0.80um          4.5Msz
CLL     18.28 324 eP     57 16.00  -0.5
        1.5s    20.00nm          4.1mb
                  e      57 28.00
AURF    18.32 297 P      57 17.10  -0.1
MMK     18.47 304 ePd    57 23.10   3.9X
MOX     18.53 321 ePc    57 21.00   1.4
        1.8s    43.00nm          4.3mb
ZLA     18.73 309 ePd    57 24.30   2.1
SLE     18.78 310 ePd    57 24.50   1.7
DIX     18.85 304 ePd    57 25.40   1.6
LPG     19.11 302 eP     57 28.80   1.7
        1.7s    69.10nm          4.6mb
FEL     19.12 309 P      57 26.09  -1.0
LPL     19.13 302 eP     57 28.90   1.6
        1.4s    37.45nm          4.4mb
BBS     19.27 308 P      57 28.49  -0.3
MOF     19.66 309 P      57 33.11  -0.2
LOMF    19.66 307 P      57 32.89  -0.4
LANF    19.73 312 P      57 32.22  -1.8
WLS     19.75 310 P      57 33.11  -1.2
ECH     19.79 310 P      57 33.33  -1.2
CDF     19.80 310 iPd    57 33.80  -0.9
        1.3s    35.00nm          4.5mb
BSF     19.86 308 iPd    57 34.00  -1.5
        1.0s    13.40nm          4.2mb
HAU     20.20 309 iPd    57 38.00  -1.0
        1.4s    79.70nm          4.9mb
     Z  18s      0.15um          3.4Msz
SMF     21.38 303 iPd    57 49.90  -1.2
        0.9s    18.35nm          4.5mb
LBF     21.38 304 iPd    57 49.80  -1.3
        0.9s     7.35nm          4.1mb
LOR     21.54 305 iPd    57 51.50  -1.2
        1.7s    44.85nm          4.6mb
     Z  17s      0.25um          3.7MszX
SSF     21.71 304 iPd    57 53.40  -1.0
        0.9s    16.40nm          4.4mb
AVF     21.74 303 iPd    57 53.70  -1.0
        1.5s    35.00nm          4.6mb
BGF     22.02 303 eP     57 57.10  -0.4
MAF     22.13 302 eP     57 58.40  -0.2
        0.9s     6.90nm          4.1mb
PUL     22.19   0 (P)    57 59.50   0.5
CAF     22.22 298 iPd    58 00.30   0.8
        2.0s    39.65nm          4.5mb
ASH     22.32  80 eP     58 05.00   4.4X
RJF     22.67 299 iPd    58 04.70   0.8
        1.0s    17.60nm          4.5mb
     Z  21s      0.08um          3.1Msz
NUR     23.19 353 iP     58 08.00  -0.9
        0.7s     9.50nm          4.4mb
MAIO    23.51  84 eP     58 15.00   2.7X
MFF     24.04 302 iPd    58 16.30  -1.0
        0.9s    27.85nm          4.9mb
KAF     24.65 356 iP     58 22.70  -0.4
        0.8s     7.80nm          4.4mb
FLN     24.76 307 eP     58 21.20  -3.0
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        1.0s    17.20nm          4.7mb
     Z  19s      0.15um          3.5Msz
HFS     24.86 340 eP     58 24.60  -0.4
        0.8s    11.30nm          4.6mb
GRR     24.90 306 iPd    58 23.80  -1.8
        0.8s    17.20nm          4.8mb
LPF     24.94 305 iPd    58 23.00  -2.9
        1.0s    11.00nm          4.5mb
NB2     26.29 339 P      58 38.80   0.2
        1.0s     5.00nm          4.2mb
FRU     34.11  67 eP     59 50.00   1.8
BCAO    34.65 201 ePc    59 56.20   3.1X
        0.6s     6.00nm          4.7mb
ZAK     52.15  51 eP     02 13.00  -0.9
        1.2s    12.00nm          4.7mb
LZH     57.58  67 eP     02 54.50   0.6
ILT     72.61  11 eP     04 29.00  -1.3
YKA     76.28 344 P      04 50.40  -1.2
        1.0s     2.50nm          4.3mb
     S.D. = 1.1  on 101 of 121 obs.
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& JUN 15, 1994  17h 08m 58.49s
  34.405 N             120.676 W
  DEPTH =   6.0km  (geophysicist)
 SOUTHERN CALIFORNIA              ( 43)
      <PAS-P>. ML 3.2 (PAS).

SCCM    0.68  38 P       09 11.30  -0.8
LPC     0.80  83 P       09 13.15  -1.3
PKM     0.86  55 P       09 14.84  -0.7
BCH     0.92  32 eP      09 15.38  -1.1
PMGM    1.03   7 P       09 17.52  -0.8
RYS     1.12  77 P       09 19.02  -1.0
CRGC    1.15  43 P       09 19.73  -0.6
TMB     1.16  54 P       09 20.45  -0.2
YEG     1.19  30 P       09 20.40  -0.6
MARC    1.25  61 P       09 21.76  -0.4
ABL     1.28  69 eP      09 19.60  -3.1
ECF     1.31  87 P       09 21.52  -1.7
LOK     1.35  76 P       09 23.20  -0.6
PLEC    1.44  67 P       09 26.68   1.4
PHAM    1.45   9 (P)     09 25.42   0.2
FIL     1.52  89 P       09 26.20  -0.1
PYR     1.61  84 P       09 26.48  -1.1
SADC    1.70 100 P       09 27.00  -1.8
PKEM    1.72  16 (P)     09 28.89  -0.2
WSP     1.74  83 P       09 27.50  -2.1
SWM     1.76  79 P       09 27.67  -2.1
DBM     1.99  73 P       09 32.06  -1.1
CIW     2.00 117 P       09 30.93  -2.2
TPO     2.07  76 P       09 37.00   2.7
MWC     2.17  94 P       09 34.30  -1.6
CFL     2.20  91 P       09 34.02  -2.2
ISA     2.20  55 eP      09 32.94  -3.2
PEM     2.34  95 P       09 36.10  -2.0
SSK     2.48  94 eP      09 37.87  -2.3
CSP     2.75  91 eP      09 41.75  -2.3
PEC     2.96  99 eP      09 42.79  -4.1
POB     3.20 102 P       09 47.15  -3.2
GSC     3.31  73 (P)     09 49.47  -2.5
TPNV    4.41  54 (P)     10 05.26  -2.4
        34 obs. associated
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& JUN 15, 1994  17h 23m 00.73s
  62.898 N             150.729 W
  DEPTH = 101.8km
  3.9mb (  1 obs.)
 CENTRAL ALASKA                   (  1)
      <AEIC>.

HUR     0.51  80 iPc     23 16.61  -0.4
                 eS      23 28.36
CUT     0.54 157 iPd     23 17.05  -0.1
TRF     0.59  20 iPc     23 17.53  -0.3
KTH     0.66 353 ePd     23 17.99  -0.3
                 eS      23 30.39
RND     0.99  58 iPc     23 21.12  -0.5
                 eS      23 36.20
MCK     1.17  43 ePc     23 22.98  -0.5
PWA     1.31 162 P       23 25.20   0.1
BWN     1.40  23 iPc     23 26.22   0.0
                 eS      23 45.20
GHO     1.41 142 ePc     23 26.36  -0.1
PLRM    1.51 150 eP      23 26.95  -0.6
                 eS      23 47.06
PMR     1.51 150 ePc     23 25.68  -1.9
                 iS      23 45.72
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DHY     1.54  82 ePc     23 27.35  -0.8
SML     1.56 133 iPc     23 27.86  -0.4
                 eS      23 49.29
PMS     1.75 161 P       23 30.30  -0.3
CRP     1.77 203 ePd     23 29.74  -1.3
                 eS      23 52.69
CP2     1.79 204 ePd     23 29.63  -1.7
CKN     1.81 203 eP      23 31.50   0.0
SPU     1.83 201 ePd     23 31.31  -0.4
KNK     1.83 143 eP      23 30.96  -0.8
NEA     1.84  23 iPc     23 30.94  -0.8
CKT     1.84 203 eP      23 31.49  -0.4
SCM     1.91 122 ePc     23 31.92  -0.9
WRH     1.97  35 iPc     23 32.65  -0.8
BKG     1.97 202 eP      23 33.07  -0.5
                 eS      23 59.25
MLY     2.14 360 iPc     23 35.14  -0.6
NKA     2.18 187 ePc     23 39.05   2.9
CCB     2.18  35 ePc     23 35.26  -1.0
TOA     2.26 109 P       23 37.10  -0.3
HDA     2.26  46 ePc     23 36.37  -1.0
THY     2.32  75 eP      23 38.33   0.2
                 eS      24 08.27
MDM     2.35  27 iPc     23 37.61  -0.9
DDM     2.37  66 eP      23 38.60  -0.2
FBA     2.39  32 ePc     23 36.96  -2.1
PAX     2.41  86 eP      23 38.94  -0.4
                 eS      24 07.71
SLKM    2.41 174 eP      23 38.73  -0.6
SDG     2.42  97 eP      23 38.96  -0.5
                 eS      24 09.66
TTA     2.42 273 ePd     23 37.45  -2.0
RDT     2.47 200 eP      23 39.96  -0.2
DFR     2.49 203 eP      23 40.26  -0.3
DJE     2.54  61 eP      23 39.86  -1.1
IL1     2.54  40 ePc     23 38.90  -2.1
ILB     2.54  40 ePc     23 38.91  -2.1
                 eS      24 09.94
GLM     2.56  34 ePc     23 40.63  -0.8
REF     2.59 202 eP      23 41.79  -0.2
TZL     2.61 107 eP      23 41.94   0.0
RS2     2.63 202 eP      23 42.27  -0.2
RSO     2.63 202 eP      23 42.31  -0.1
KLU     2.66 120 eP      23 41.03  -1.7
VLZ     2.73 129 eP      23 41.39  -2.1
                 eS      24 13.65
SEW     2.87 167 eP      23 44.47  -1.0
NNL     2.88 186 eP      23 47.11   1.5
SVW     2.92 234 iPd     23 44.11  -2.2
INE     3.06 202 eP      23 48.51   0.3
DOT     3.11  73 eP      23 47.85  -0.9
BRLK    3.15 181 eP      23 49.02  -0.3
HIN     3.22 139 eP      23 48.51  -1.8
HOM     3.28 188 eP      23 51.53   0.5
CVA     3.34 133 eP      23 50.43  -1.5
IM3     3.36 338 ePc     23 50.26  -2.0
CNPM    3.39 184 eP      23 52.24  -0.4
IMA     3.43 339 ePc     23 50.95  -2.3
OPT     3.47 201 eP      23 54.31   0.6
PDB     3.54 210 eP      23 54.67   0.1
TMW     3.54  80 eP      23 53.18  -1.5
GLB     3.56 111 eP      23 53.33  -1.6
                 eS      24 33.41
AUL     3.76 202 eP      23 59.38   1.7
AUE     3.78 201 eP      23 58.65   0.8
AUP     3.78 201 eP      23 57.98   0.0
AUH     3.78 202 eP      23 59.23   1.2
AGU     3.78 201 P       23 59.90   1.8
AUI     3.81 201 P       23 59.50   1.2
MID     4.08 147 P       24 01.60  -0.4
BCA3    4.08  84 eP      23 59.35  -2.8
MCNL    4.12 207 eP      24 02.85   0.3
BGM     4.14 214 eP      24 02.75  -0.1
CDD     4.23 201 eP      24 03.97  -0.1
FYU     4.37  30 eP      24 04.75  -1.2
BALM    4.38 112 eP      24 03.78  -2.4
SYI     4.38 191 eP      24 04.95  -1.2
BM3     5.22  27 eP      24 14.84  -3.0
KDC     5.24 190 ePc     24 14.27  -3.7
        0.3s    15.95nm          4.7mb X
CHX     5.41 117 P       24 19.60  -0.9
SIT     9.67 120 (P)     25 15.37  -3.1
YKA    16.45  75 P       26 43.80  -2.5
        0.5s     4.20nm          3.9mb
        84 obs. associated
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? JUN  15, 1994  17h 40m 07.15± 1.13s
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   10.819 S ±15.1km  113.249 E ±21.7km
   DEPTH =  33.0km  (normal)
   4.7mb (  3 obs.)
 SOUTH OF JAWA, INDONESIA          (282)

NANU    11.88 170 eP    42 55.50  -1.8
        0.3s     12.00nm       5.5mb X
                  eS    45 05.00
MEEK    16.53 163 eP    43 58.00  -0.2
                  eS    46 52.00
MRWA    18.49 172 eP    44 22.70   0.2
IPM     19.55 321 ePd   44 35.00  -0.2
WOOL    21.65 160 eP    44 59.00   2.2
                  eS    48 51.20
WB2     22.25 117 eP    45 01.40  -1.6
        0.5s     10.10nm       4.5mb
ASPA    23.46 126 iPd   45 15.40   0.6
        0.6s     26.90nm       4.9mb
                  eS    49 30.40
STKA    33.53 133 eP    46 46.70   0.7
        0.6s      6.90nm       4.7mb
LPB    152.79 177 PKP   00 06.80  10.5X
LPAZ   153.03 177 PKP   00 09.10  12.2X
     S.D. = 1.5  on   8 of  10 obs.
-------------------------------------
*  JUN 15, 1994  17h 42m 02.09± 0.99s
   75.775 N ±12.9km    4.699 E ±12.3km
   DEPTH =  10.0km  (geophysicist)
   4.4mb ( 18 obs.)
 GREENLAND SEA                     (640)

DAG      5.65 291 eP    43 30.00   1.9
        0.8s     10.45nm       4.6mb
LVZ     12.05 115 (P)   44 42.70 -13.9X
NB2     14.98 168 P     45 38.10   2.8
        1.1s      7.60nm       4.1mb
KAF     15.58 140 iP    45 34.20  -8.8X
        0.6s      9.80nm       4.2mb
HFS     16.03 164 eP    45 50.00   1.2
        1.3s     22.20nm       4.1mb
PUL     18.46 136 (P)   46 22.00   2.9
MOS     23.58 130 eP    47 12.00  -1.1
OBN     23.99 132 ePc   47 20.00   2.9
        1.6s     48.00nm       4.8mb
                  e     47 26.00
                  e     48 00.00
CLL     24.78 168 e(P)  47 22.00  -2.8X
                 (Sg)   10 32.00
BRG     25.27 166 eP    47 28.10  -1.4
MOX     25.38 170 eP    47 28.90  -1.6
        1.3s     23.00nm       4.7mb
PRU     26.19 166 eP    47 37.00  -1.0
                  i     47 46.10
GRF     26.32 170 eP    47 40.20   1.0
KHC     26.99 167 eP    47 45.50   0.1
        1.0s      3.50nm       4.0mb
                  e     48 09.00
                  e     48 21.50
GEC2    27.28 167 P     47 46.10  -2.1
        1.1s      3.89nm       4.0mb
                  e     47 50.90
                  e     47 54.80
SVE     27.70 101 eP    47 52.00   0.3
     Z  16s       0.60um       4.3MszX
     N  16s       0.30um
     E  16s       0.30um
ZST     28.15 162 eP    47 53.80  -2.1
LOR     28.61 181 eP    47 59.60  -0.5
        1.3s     13.70nm       4.6mb
     Z  24s       0.05um       3.0MszX
LBF     28.89 181 eP    48 02.10  -0.5
        1.2s      8.35nm       4.4mb
AVF     29.09 182 eP    48 04.20  -0.1
        1.1s      7.35nm       4.4mb
TCF     29.61 183 eP    48 08.80  -0.2
        1.2s     10.70nm       4.5mb
MAF     29.67 183 eP    48 09.50  -0.1
        1.0s      5.00nm       4.3mb
LPG     30.39 177 eP    48 16.70   0.4
        1.2s      6.55nm       4.4mb
EPF     32.90 186 eP    48 38.10   0.1
        1.1s      6.10nm       4.4mb
BRVK    33.46  95 eP    48 43.00   0.2
        1.5s      6.00nm       4.3mb
ZAK     43.89  66 eP    50 08.40  -1.3
        1.0s     11.00nm       4.6mb
                  e     51 51.00
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                  e     56 46.00
BCAO    71.71 165 ePc   53 24.10  -1.7
        0.6s      6.00nm       4.9mb
     S.D. = 1.6  on  24 of  27 obs.
-------------------------------------
%  JUN 15, 1994  18h 12m 51.73± 0.66s
   26.424 S ± 6.6km   27.387 E ± 7.0km
   DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA          (584)
      ML 2.8 (PRE).

KSR      0.71 322 P     13 05.90   0.0
                  S     13 15.00
SLR      1.06  50 eP    13 11.70  -0.5
                  S     13 25.50
SEK      1.90 174 eP    13 25.90   0.6
                  S     13 49.70
SWZ      1.99 247 eP    13 27.20   0.6
                  S     13 51.80
BFT      2.50  74 eP    13 34.50   0.6
                  S     14 05.00
BOSA     2.80 218 eP    13 38.00   0.1
                  S     14 11.30
BLF      2.88 201 eP    13 38.00  -1.3
                  S     14 09.00
     S.D. = 0.9  on   7 of   7 obs.
-------------------------------------
   JUN 15, 1994  19h 25m 22.11± 0.43s
   38.813 N ± 3.7km   27.932 E ± 4.3km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)
      ML 3.6 (ISK).

IZM      0.67 232 ePg   25 35.60   0.2
                  eSg   25 43.60
DST      0.96  34 iPg   25 41.10   0.7
                  eSg   25 53.50
KHL      1.34 111 iPn   25 46.70  -0.1
EDC      1.53 358 iPn   25 50.00   0.5
BNT      1.54 360 iPn   25 49.60  -0.1
EZN      1.61 310 iPn   25 50.70   0.2
IZI      1.93  38 ePn   25 55.60   0.2
MFT      2.03 346 ePn   25 57.10   0.2
YLV      2.07  32 iPn   25 57.10  -0.3
GPA      2.36  51 iPn   26 01.90   0.4
CTT      2.36   9 ePn   26 00.60  -0.9
HRT      2.41  33 iPn   26 01.60  -0.6
ISK      2.41  21 iPn   26 02.10  -0.1
EYL      2.45  44 ePn   26 03.60   0.7
BCK      2.49 122 ePn   26 03.00  -0.4
ELL      2.59 142 ePn   26 05.00   0.1
DMK      3.01 358 ePn   26 10.00  -0.7
VAY      4.82 303 ePn   26 43.00   6.6X
     S.D. = 0.5  on  17 of  18 obs.
-------------------------------------
?  JUN 15, 1994  19h 54m 04.82± 6.17s
   37.844 N ±44.5km   29.769 E ±31.8km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)
      ML 4.2 (ISK). Felt at Burdur.

IZM      2.05 286 iPn   54 40.00   0.2
IZI      2.50 355 iPn   54 47.00   0.8
KCT      2.64 336 iPn   54 49.00   0.8
EYL      2.73   6 iPn   54 49.00  -0.7
YLV      2.74 354 iPn   54 49.00  -0.6
BNT      2.89 331 iPn   54 51.00  -0.7
ISK      3.26 351 ePn   54 58.00   1.0
MFT      3.52 327 ePn   55 00.00  -0.6
     S.D. = 0.9  on   8 of   8 obs.
-------------------------------------
?  JUN 15, 1994  20h 06m 18.35± 0.80s
   10.747 S ±11.7km  113.117 E ±19.2km
   DEPTH =  33.0km  (normal)
   4.6mb (  3 obs.)
 SOUTH OF JAWA, INDONESIA          (282)

NANU    11.97 169 eP    09 08.60  -1.1
        0.3s      8.00nm       5.4mb X
                  eS    11 14.00
MEEK    16.64 163 eP    10 11.00   0.2
                  eS    13 02.00
MRWA    18.57 172 eP    10 35.00   0.2
                  eS    13 50.00
IPM     19.41 321 ePc   10 46.10   1.2
WOOL    21.76 160 eP    11 12.70   3.6X
                  eS    14 59.70
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WB2     22.40 117 iPc   11 15.10  -0.5
        0.5s      9.20nm       4.5mb
                  eS    15 34.60
ASPA    23.61 126 iPd   11 27.90   0.5
        0.5s     18.50nm       4.9mb
                  i     11 36.10
                  eS    15 46.20
STKA    33.67 133 eP    12 59.50   1.0
        0.5s      3.10nm       4.5mb
KMI     37.06 344 eP    13 26.00  -1.6
     S.D. = 1.2  on   8 of   9 obs.
-------------------------------------
   JUN 15, 1994  20h 21m 13.06± 0.28s
   54.612 N ± 4.8km  162.134 E ± 5.7km
   DEPTH =  26.2km  (  4 depth phases)
   4.8mb ( 50 obs.)
 NEAR EAST COAST OF KAMCHATKA      (218)

PET      2.61 234 ePn   21 54.00  -0.4
                  eS    22 27.00
SKR      5.39 225 ePn   22 34.10   0.2
SMY      7.36 100 eP    22 58.73  -2.7
MGD      8.23 317 ePn   23 19.00   5.4X
YSS     14.40 246 (P)   24 38.00   1.0
ILT     16.09  27 iPd   25 01.20   2.5
        1.4s     27.00nm       4.2mb
KUSJ    16.20 232 eP    24 53.10  -7.2X
ASAJ    16.42 238 eP    25 03.90   0.9
YAK     18.40 307 iPd   25 26.50  -1.1
        0.7s    109.00nm       5.1mb
                  e     29 00.00
TTA     22.85  52 eP    26 17.25   2.2
        1.2s      1.83nm       3.5mb X
NIIJ    23.50 232 eP    26 22.20   0.8
KAKJ    23.84 228 eP    26 26.60   1.9
MAT     24.44 232 eP    26 30.00  -0.5
        0.6s     16.67nm       4.8mb
CHJJ    24.49 230 eP    26 30.90  -0.1
MTMJ    24.59 233 eP    26 32.70   0.6
TSRJ    26.29 234 eP    26 47.40  -0.6
WKYJ    27.56 233 P     26 59.80   0.2
YONJ    27.79 237 P     27 01.40  -0.3
TKSJ    28.48 235 P     27 08.20   0.3
ZAK     35.17 288 eP    28 10.00   3.7X
        1.2s      8.00nm       4.5mb
YKA     41.23  44 P     28 57.20   0.5
        0.7s      2.80nm       4.1mb
NVS     43.26 304 iP    29 09.00  -4.4X
        2.0s     20.00nm       4.5mb
DAG     48.89   0 iPd   29 57.20  -0.5
        0.5s     13.38nm       5.2mb
BRVK    50.42 308 eP    30 09.00  -0.8
        0.9s      7.00nm       4.7mb
BW06    55.73  63 eP    30 50.09   0.4
        1.3s      6.47nm       4.5mb
KAF     58.55 337 iP    31 07.50  -1.6
        0.5s     21.30nm       5.5mb
NUR     60.35 337 iP    31 20.10  -1.4
        0.5s     13.50nm       5.3mb
NB2     62.41 345 P     31 34.00  -1.5
        0.7s      9.90nm       5.1mb
HFS     62.86 343 eP    31 36.00  -2.4
        0.4s      3.80nm       4.9mb
     Z  17s       0.05um       3.7MszX
                  LR    57 24.00
WMOK    67.31  62 eP    32 07.18  -0.3
        1.2s     12.40nm       4.9mb
CLL     71.35 340 iPd   32 31.30  -0.7
        1.2s     50.00nm       5.5mb
BRG     71.57 339 iP    32 32.90  -0.4
        1.4s     24.00nm       5.1mb
                  i     32 52.20  72kmX
OKC     71.63 336 Pc    32 33.30  -0.4
UZH     71.71 333 eP    32 33.00  -1.2
        1.0s     10.00nm       4.8mb
WTS     71.79 344 eP    32 34.50  -0.1
        0.8s      8.30nm       4.8mb
MOX     72.25 341 eP    32 37.20  -0.2
        1.3s     23.00nm       5.0mb
PRU     72.29 339 iPc   32 37.60   0.0
        0.5s     12.50nm       5.2mb
                  i     32 43.10  18km
TNS     73.23 343 ePd   32 43.40   0.2
GRF     73.24 341 iPc   32 43.60   0.4
        0.9s     24.00nm       5.2mb
                  epP   32 52.20  28km
MEM     73.26 344 iPd   32 43.45   0.2
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        1.1s    11.40nm            4.8mb
KHC     73.30 339 P       32 44.00   0.4
                e         32 55.00  36km
ZST     73.41 336 iP      32 44.80   0.6
        1.0s    19.20nm            5.1mb
SRO     73.48 335 eP      32 44.30  -0.3
GEC2    73.55 339 P       32 45.10   0.0
        0.6s     5.67nm            4.8mb
                e         32 52.40  23km
CDF     75.18 343 eP      32 54.30  -0.3
        0.8s    10.90nm            4.9mb
KBA     75.30 339 iPc     32 56.10   0.7
        0.9s    34.30nm            5.4mb
WATA    75.42 340 iPc     32 56.10   0.1
WTTA    75.48 340 iPc     32 56.80   0.4
        0.9s    13.10nm            5.0mb
MOTA    75.51 340 iPc     32 56.40  -0.1
SQTA    75.61 340 iPc     32 57.40   0.4
        0.8s    15.90nm            5.1mb
HAU     75.73 343 eP      32 57.30  -0.3
        0.5s     5.85nm            4.9mb
BSF     75.83 343 eP      32 57.70  -0.6
        1.2s    13.40nm            4.8mb
PTJ     75.83 336 eP      32 58.30   0.0
ZLA     75.89 342 ePd     32 58.80   0.3
FLN     75.96 348 eP      32 58.00  -0.9
        0.9s     9.50nm            4.8mb
GBA     75.97 274 P       32 57.00  -2.4
OSS     76.33 341 ePd     33 01.90   0.7
LPF     76.75 348 eP      33 03.10  -0.2
        1.0s    12.80nm            4.9mb
LOR     76.84 345 eP      33 03.50  -0.4
        0.8s     7.40nm            4.8mb
SSF     77.10 345 eP      33 05.00  -0.3
        0.8s     4.15nm            4.5mb
LBF     77.10 345 eP      33 04.80  -0.5
        0.9s     3.30nm            4.4mb
TMA     77.13 341 ePd     33 05.90   0.3
MMK     77.35 342 ePd     33 08.00   1.1
AVF     77.39 345 eP      33 06.80   0.0
        0.8s     6.45nm            4.7mb
DIX     77.42 342 ePd     33 08.30   0.9
SMF     77.46 345 eP      33 07.00  -0.2
        0.8s     4.15nm            4.5mb
WB2     77.97 207 iPc     33 09.50  -0.8
        0.7s     5.60nm            4.7mb
WRA     77.98 207 P       33 10.20  -0.1
        0.7s     3.00nm            4.4mb
TCF     78.04 346 eP      33 10.50   0.0
        1.4s    10.00nm            4.7mb
MFF     78.05 348 eP      33 10.50   0.0
        0.5s     1.45nm            4.3mb
LPL     78.08 343 eP      33 12.00   1.0
        0.6s     8.20nm            4.9mb
LPG     78.10 343 eP      33 12.20   1.1
        0.8s    16.00nm            5.1mb
CAF     79.40 346 eP      33 18.70   0.8
        1.1s     9.50nm            4.7mb
SBF     79.56 342 eP      33 18.90   0.1
        0.7s     8.25nm            4.9mb
LFF     79.57 347 eP      33 19.20   0.4
LPO     79.76 346 eP      33 20.30   0.5
        0.8s     7.10nm            4.7mb
FRF     79.99 342 eP      33 21.60   0.5
        1.1s    13.65nm            4.9mb
LRG     80.15 342 eP      33 22.60   0.7
        0.8s    10.35nm            4.9mb
LMR     80.24 342 eP      33 22.80   0.4
        0.9s     8.70nm            4.8mb
ASPA    81.65 206 iPc     33 29.90   0.0
        0.9s    10.90nm            4.9mb
PAB     85.50 350 eP      33 50.50   0.9
      S.D. = 0.9  on  77 of  81 obs.
-------------------------------------
* JUN 15, 1994  22h 16m 12.54± 1.14s
  20.650 N ±12.6km   94.052 E ± 8.9km
  DEPTH =  76.2 ± 16.9 km
  4.8mb (  8 obs.)
 MYANMAR                        (296)

NST      7.61 130 ePn     18 04.00   1.1
                  ePg     18 21.00
                  eSg     19 19.00
LOE      7.95 113 eP      18 06.00  -1.6
                  e       19 36.00
ODAN     8.68 317 P       18 18.32   0.4
        0.4s    91.00nm            5.9mb X
                  S       19 52.66
TAPN     8.84 320 P       18 20.02   0.0
        0.4s    50.00nm            5.6mb
KMI      9.16  59 P-      18 26.50   2.0
        1.0s    20.00nm            4.9mb
                  pP      18 32.00
                  eS      21 06.50
RAMN     9.26 314 P       18 25.78  -0.1
                  S       20 08.34
JIRN    10.01 316 P       18 35.92  -0.2
GUN     10.38 316 P       18 41.12   0.0
PKI     10.47 313 P       18 41.76  -0.6
                  S       20 34.06
KKN     10.70 313 P       18 45.26  -0.1
DMN     10.71 312 P       18 45.52   0.1
GKN     11.28 312 P       18 52.30  -0.7
                  S       20 52.84
KOLN    11.88 309 P       19 00.60  -0.4
                  S       21 08.70
DANN    12.10 311 P       19 02.88  -1.2
        0.5s    28.00nm            5.4mb
                  S       21 13.84
PYUN    12.51 309 P       19 09.08  -0.3
GBA     17.35 249 P       20 13.20   2.0
        0.5s     5.00nm            4.0mb
                  S       22 03.20
LZH     17.61  27 Pc      20 22.50   8.0X
        1.0s    24.00nm            4.4mb
WRA     56.41 133 P       25 48.50  -0.2
        0.8s     5.70nm            4.7mb
WB2     56.42 133 eP      25 46.10  -2.7
        0.8s    10.50nm            5.0mb
ASPA    58.71 137 iPd     26 05.10   0.3
        0.7s     5.40nm            4.8mb
GEC2    68.48 316 P       27 10.90   2.2
        0.8s     0.95nm            3.8mb X
                  e       27 15.10
      S.D. = 1.3  on  20 of  21 obs.
-------------------------------------
% JUN 15, 1994  22h 30m 59.39± 0.75s
  26.324 S ± 6.9km   27.632 E ± 8.2km
  DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA       (584)
      ML 2.2 (PRE).

KSR      0.80 304 eP      31 15.50  -0.1
                  S       31 26.50
SLR      0.83  45 eP      31 16.00   0.0
                  S       31 27.00
SEK      1.99 180 eP      31 34.50   0.3
SWZ      2.23 247 eP      31 38.10   0.4
                  S       32 03.70
BOSA     3.01 220 eP      31 48.50  -0.1
                  S       32 23.90
BLF      3.06 204 eP      31 49.00  -0.4
      S.D. = 0.4  on   6 of   6 obs.
-------------------------------------
  JUN 15, 1994  23h 11m 17.39± 0.57s
  46.322 N ± 7.6km   13.376 E ± 8.6km
  DEPTH =  10.0km  (geophysicist)
 AUSTRIA                        (546)
      MD 2.9 (LJU), 2.2 (TRI).

VOY      0.46 129 ePgc    11 26.30  -0.5
                  eSg     11 35.20
TRI      0.67 156 e(Pg)   11 30.00  -0.7
                  i(Sg)   11 40.90
KBA      0.76 358 iPgc    11 31.80  -0.5
                  iSg     11 41.80
CEY      0.94 128 ePg     11 35.40   0.1
                  eSg     11 51.50
WTTA     1.52 309 iPgd    11 44.20  -0.6
                  iSg     12 03.40
VBY      1.55 121 iPn     11 46.20   1.2
                  eSn     12 09.00
WATA     1.60 310 iPgd    11 45.90   0.0
                  iSg     12 05.50
SQTA     1.74 302 iPgd    11 48.90   1.0
                  iSg     12 11.10
GEC2     2.53   5 Pn      11 59.40   0.1
                  Pg      12 04.70
KHC      2.81   3 ePn     12 10.00   6.7X
                  ePg     12 17.50
                  e       12 40.00
                  eSg     12 46.50
      S.D. = 0.8  on   9 of  10 obs.
-------------------------------------
? JUN 16, 1994  00h 13m 14.00± 0.82s
  10.644 S ±10.9km  112.425 E ±20.3km
  DEPTH =  26.4km  (  4 depth phases)
  4.6mb (  9 obs.)
 SOUTH OF JAWA, INDONESIA       (282)

KHKI     3.87  54 ePd     14 13.40   0.2
                  eS      14 58.00
                  e       19 05.00
LEM      6.08 308 ePc     14 31.20 -13.5X
MEEK    16.95 161 eP      17 10.00  -1.0
        0.3s    13.00nm            4.5mb
                  eS      20 06.00
MRWA    18.78 170 eP      17 33.00  -0.7
        0.3s     4.00nm            4.1mb
                  eS      20 50.00
WOOL    22.10 158 eP      18 11.80   2.9X
WB2     23.06 116 eP      18 21.10   2.6X
        0.9s     8.20nm            4.3mb
                  eS      21 59.90
ASPA    24.22 125 eP      18 33.30   3.5X
        1.1s    20.00nm            4.6mb
                  i       18 41.50  29km
CHTO    32.15 335 eP      19 41.80   0.0
STKA    34.24 133 eP      20 02.50   2.6X
        1.0s    17.40nm            4.9mb
                  i       20 11.20  30km
KMI     36.78 345 ePc     20 20.40  -1.4
        1.6s    90.00nm            5.4mb
                  pP      20 26.10  19km
                  sP      20 29.40
LZH     47.18 351 eP      21 45.60  -0.9
        1.5s    37.00nm            5.2mb
     Z  14s      0.24um            4.3MszX
                  pP      21 54.00  28km
BJI     50.54   4 eP      22 18.50   6.3X
        1.0s     6.00nm            4.5mb
MAT     52.84  26 (P)     22 28.00  -1.7
        1.0s     7.00nm            4.6mb
RSNY   145.69   9 (PKP)   32 53.01   1.1
                  e       33 01.39
FVM    145.92  33 (PKP)   32 54.56   2.1
                  e       33 02.09
MIAR   146.40  41 ePKP    32 55.67   2.3
                  e       33 05.39
BAO    147.48 217 ePKP    32 59.00   3.3X
LPAZ   153.24 179 PKP     33 16.70  11.7X
      S.D. = 1.6  on  10 of  18 obs.
-------------------------------------
* JUN 16, 1994  00h 30m 47.51± 1.12s
  32.504 S ± 7.9km   71.818 W ±12.7km
  DEPTH =  29.6 ±  5.5 km
  5.2mb (  5 obs.)
 NEAR COAST OF CENTRAL CHILE    (135)
      MD 4.7 (SAN).

IHA      0.54 164 iPc     30 57.50  -1.1
                  iS      31 02.00
ROCH     0.82 125 iPd     31 02.90  -0.3
                  iS      31 13.27
LCCH     0.99 168 iP+     31 04.37  -1.0
                  iS      31 15.84
JACH     1.05 100 iP+     31 06.89   0.6
                  iS      31 20.49
PEL      1.15 124 iP+     31 08.06   0.4
SAN      1.36 135 iP+     31 10.90   0.3
                  iS      31 26.85
TACH     1.36 147 iP+     31 10.58  -0.1
LNV      1.49 167 iPd     31 11.49  -0.9
                  iS      31 29.11
FCH      1.52 123 iP+     31 13.86   0.5
PCH      1.56 136 iP+     31 13.95   0.3
CHCH     1.73 146 iP+     31 16.50   0.5
CACH     1.90 148 iPd     31 19.63   1.0
MDZ      2.53  99 eP      31 46.80  19.2X
                  iS      32 07.90
ZON      2.83  71 eP      31 36.30   4.5X
                  eS      32 16.30
ARE     15.97   1 eP      34 39.00   6.9X
LPB     16.26  13 P       34 43.20   7.4X
LPAZ    16.49  13 P       34 40.70   1.8
UFRS    17.86  88 (P)     34 55.00  -0.4
                  e       39 23.40
SIV     19.11  33 P       35 09.50  -1.4
BAO     27.38  58 eP      36 29.90  -2.6
ITR     38.90  60 eP      38 10.90  -1.4
SPA     57.68 180 iPc     40 36.70  -0.7
```

0.9s 2.27nm 4.2mb
KDS 72.44 62 eP 42 13.80 0.5
LIC 74.13 72 (P) 42 22.00 -1.2
SUR 75.39 119 eP 42 36.50 5.9X
0.5s 61.00nm 5.9mb
POF 76.21 116 eP 42 35.60 0.6
RSNY 76.72 358 (P) 42 38.68 1.4
0.7s 6.41nm 4.8mb
WIN 77.36 109 eP 42 43.50 1.8
BOSA 80.72 118 eP 42 59.20 -0.4
BLF 81.04 119 eP 42 59.00 -2.5
1.0s 40.00nm 5.4mb
KSR 83.30 116 eP 43 12.00 -1.3
SLR 84.42 117 eP 43 18.00 -0.9
0.9s 25.00nm 5.4mb
BUL 87.75 112 eP 43 34.50 -0.8
GBA 146.21 117 PKPd 50 26.70 0.6
0.7s 7.00nm
S.D. = 1.2 on 29 of 34 obs.

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* JUN 16, 1994 00h 36m 03.34± 0.70s
10.598 S ± 8.3km 113.294 E ±16.2km
DEPTH = 33.0km (normal)
4.8mb (7 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.18 46 ePc 36 50.00 -2.2
eS 37 20.10
e 43 10.00
LEM 6.75 303 ePc 37 33.50 -9.3X
eS 38 41.50
NANU 12.09 170 eP 38 54.00 -2.3
eS 40 01.50
MEEK 16.73 163 eP 39 56.00 -0.9
eS 42 48.00
MRWA 18.70 173 eP 40 21.00 -0.3
eS 43 39.00
MUN 21.45 173 iPc 41 01.00 10.1X
WB2 22.31 117 eP 41 01.20 1.5
0.7s 9.50nm 4.4mb
eS 44 55.20
ASPA 23.55 126 iPd 41 12.90 1.1
0.6s 14.10nm 4.7mb
eS 45 34.70
LOE 30.08 338 eP 42 12.00 -0.1
CHTO 32.47 334 ePc 42 33.60 0.5
1.2s 17.71nm 4.8mb
STKA 33.64 133 eP 42 44.90 1.7
0.7s 8.60nm 4.8mb
KMI 36.97 344 Pd 43 11.40 -0.4
1.3s 40.00nm 5.1mb
pP 43 16.60 17kmX
SSE 42.14 10 Pc 43 53.90 -0.4
1.0s 12.00nm 4.6mb
LZH 47.28 350 eP 44 36.00 0.3
1.5s 19.00nm 4.9mb
Z 15s 0.24um 4.3MszX
sP 44 45.50
MIAR 145.80 42 ePKP 55 42.43 1.7
S.D. = 1.4 on 13 of 15 obs.

JUN 16, 1994 00h 42m 20.91± 0.54s
41.319 N ± 5.3km 20.306 E ± 4.6km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.6 (TTG), 2.4 (TIR).

TIR 0.33 275 iPgd 42 27.20 -0.6
iSg 42 35.20
PHP 0.38 15 iPgd 42 27.30 -1.4
iSg 42 32.80
OHR 0.43 119 iPg 42 29.00 -0.6
0.5s 90.00nm
iSg 42 36.10
LACI 0.55 305 iPgd 42 30.50 -1.5
iSg 42 38.50
SDA 0.95 321 ePg 42 39.70 0.7
ULC 1.02 309 iPgc 42 39.36 -0.9
iSg 42 54.38
SKO 1.07 52 iPg 42 40.50 -0.6
i 42 42.00
iSg 42 54.30
Lg 42 58.00
LSK 1.19 169 ePn 42 43.50 0.4
PVY 1.30 349 iPgd 42 45.23 0.2
iSg 43 04.94
TTG 1.36 325 iPgc 42 45.12 -0.7
iSg 43 06.00
BDV 1.47 312 iPgd 42 47.10 -0.3
iSg 43 08.92
IVA 1.58 349 iPnd 42 50.35 1.3
iSn 43 13.97
VAY 1.71 89 ePn 42 51.40 0.6
HCY 1.76 310 iPnc 42 52.36 0.8
iSn 43 17.20
NKY 1.78 327 iPnd 42 52.79 0.7
iSn 43 18.62
BRY 2.05 321 iPnc 42 56.97 1.0
iSn 43 24.45
PLE 2.12 342 iPnd 42 57.89 0.9
iSn 43 27.06
S.D. = 0.9 on 17 of 17 obs.

JUN 16, 1994 00h 47m 23.82± 0.26s
32.641 S ± 4.6km 71.846 W ± 5.7km
DEPTH = 33.0km (normal)
5.3mb (34 obs.) 4.6Msz (2 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Mw 5.1 (HRV). MD 5.0 (SAN). Felt
(IV) in the Papudo area and (II)
at Santiago.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 19C
Centroid Location:
Origin Time 00:47:27.1 0.7
Lat 32.99S 0.11 Lon 71.96W 0.12
Dep 36.0 FIX Half-duration 1.0
Moment Tensor; Scale 10**16 Nm
Mrr= 3.41 0.34 Mtt=-0.26 0.43
Mff=-3.15 0.47 Mrt= 1.21 0.64
Mrf=-3.36 0.54 Mtf= 0.02 0.43
Principal Axes:
T Val= 5.06 Plg=64 Azm= 62
N -0.44 8 169
P -4.62 24 263
Best Double Couple:Mo=4.8*10**16
NP1:Strike= 10 Dip=22 Slip= 112
NP2: 166 70 81

ROCH 0.78 115 iPd 47 38.09 -0.4
LCCH 0.86 164 iP+ 47 39.66 0.1
JACH 1.06 93 iP+ 47 42.18 -0.3
PEL 1.10 117 iP+ 47 43.32 0.3
iS 47 58.34
TACH 1.26 143 iP+ 47 45.76 0.5
SAN 1.28 129 iP+ 47 46.10 0.5
iS 48 03.68
LNV 1.36 165 iPd 47 46.72 0.1
iS 48 05.73
FCH 1.48 118 iP+ 47 49.12 0.5
PCH 1.48 132 iP+ 47 49.21 0.6
iS 48 09.16
CHCH 1.63 143 iP 47 51.71 1.1
iS 48 13.04
CACH 1.80 145 iPd 47 54.87 1.6
MDZ 2.54 96 iP 48 11.90 8.3X
iS 48 42.80
ZON 2.90 69 iPc 48 11.30 2.5
MOCB 12.62 27 P 50 24.00 -0.2
CCH 16.04 20 eP 51 04.00 -4.9X
i 51 12.60
ARE 16.11 1 eP 51 11.00 1.2
LPB 16.39 13 Pc 51 16.10 2.6
LPAZ 16.63 13 iPc 51 15.70 -0.9
UFRS 17.89 87 eP 51 32.00 0.3
SIV 19.24 33 P 51 44.20 -4.1X
NNA 21.06 346 iPd 52 08.00 0.4
0.7s 12.33nm 4.4mb
BAO 27.47 58 eP 53 03.30 -5.9X
ITR 38.99 60 eP 54 46.30 -2.6
e 54 53.60
e 54 58.80
SNA 52.77 157 iPc 56 35.30 -2.1
0.6s 21.00nm 5.3mb
SPA 57.54 180 iPc 57 12.00 -0.3
1.0s 27.50nm 5.3mb
JSC 67.15 352 ePc 58 15.49 -0.9
e 58 27.94
LHS 67.29 352 ePc 58 16.20 -1.1
CEH 68.51 354 P 58 24.31 -0.5
0.9s 22.24nm 5.2mb
LTX 68.63 330 ePc 58 24.45 -1.4
MIAR 69.88 341 eP 58 32.75 -0.6
1.2s 19.93nm 5.1mb
CVL 70.53 354 eP 58 36.09 -1.1
MEO 71.62 337 iPc 58 43.20 -0.7
WMOK 71.64 337 eP 58 42.12 -1.9
1.1s 14.73nm 4.9mb
TUL 71.79 340 iPc 58 44.20 -0.6
FVM 72.36 345 ePc 58 47.50 -0.7
1.0s 51.80nm 5.5mb
KDS 72.52 62 iPc 58 48.00 -1.6
ACO 73.55 337 iPc 58 55.00 -0.2
CER 73.75 119 iPd 58 37.50 -19.2X
1.5s 120.00nm
LSCT 73.96 359 eP 58 57.78 0.4
0.7s 21.78nm 5.3mb
LIC 74.19 72 P 58 58.28 -1.1
0.9s 28.50nm 5.3mb
Z 19s 0.17um 4.4Msz
TUC 74.33 326 eP 59 00.98 1.1
1.3s 11.17nm 4.7mb
TIC 74.45 71 P 58 59.80 -1.1
1.0s 34.00nm 5.3mb
KIC 74.50 72 Pc 59 00.18 -1.0
1.0s 54.00nm 5.5mb
ALQ 74.67 331 ePc 59 02.52 0.6
1.2s 14.48nm 4.8mb
YSNY 75.00 355 P 59 03.50 0.0
0.8s 35.62nm 5.4mb
SUR 75.35 119 iPc 59 11.20 5.1X
0.9s 166.00nm 6.0mb
POF 76.18 116 iPc 59 11.00 0.4
1.2s 48.00nm 5.4mb
LBNH 76.51 360 eP 59 12.41 0.5
0.8s 18.65nm 5.2mb
RSNY 76.86 358 eP 59 13.58 -0.3
1.1s 50.46nm 5.5mb
WIN 77.34 109 iPd 59 18.50 1.1
1.2s 72.00nm 5.6mb
GLD 78.39 334 ePc 59 23.64 1.0
1.3s 25.15nm 5.1mb
GOL 78.40 334 ePc 59 23.32 0.5
0.8s 12.05nm 5.0mb
PEC 78.72 323 eP 59 25.99 1.5
1.1s 21.60nm 5.1mb
GRM 79.05 122 iPc 59 27.00 0.5
0.9s 48.00nm 5.5mb
CBM 79.28 3 ePc 59 27.25 0.2
0.8s 22.50nm 5.2mb
SRU 79.91 330 eP 59 31.59 0.6
FRS 80.01 119 iPc 59 31.40 -0.2
1.2s 60.00nm 5.5mb
BOSA 80.68 118 eP 59 34.00 -1.2
BLF 80.99 119 iPc 59 36.10 -0.9
0.7s 55.00nm 5.7mb
DAU 81.31 331 eP 59 39.25 0.8
DUG 81.78 330 eP 59 41.86 1.1
1.1s 10.74nm 4.8mb
TNP 82.07 325 eP 59 43.79 1.5
0.8s 7.80nm 4.8mb
BW06 82.63 333 eP 59 44.56 -0.7
1.4s 15.12nm 4.9mb
KVN 83.26 325 eP 59 49.64 1.2
KSR 83.26 116 eP 59 47.50 -1.4
1.0s 230.00nm 6.2mb
PTI 83.82 331 eP 59 51.93 0.7
SLR 84.38 117 iPc 59 53.50 -1.0
0.8s 73.00nm 5.9mb
ORV 85.31 324 ePc 59 59.83 1.3
BFT 85.72 118 eP 00 02.00 0.7
0.7s 22.00nm 5.5mb
LRM 86.32 333 iPc 00 04.40 0.7
BUL 87.72 112 iPc 00 09.50 -1.5
TIO 87.90 51 iPc 00 12.40 0.9
NEW 90.15 332 eP 00 21.08 -0.6
0.8s 3.83nm 4.7mb
BCAO 92.68 86 iPd 00 34.50 0.4
0.6s 8.00nm 5.3mb
GEC2 111.08 45 PKP 05 54.40 -0.9
0.8s 1.62nm
e 06 01.50
WRA 122.02 209 PKP 06 17.50 0.6
0.7s 1.20nm
ILT 126.12 333 iPKPc 06 22.40 -1.0
1.0s 10.00nm
OBN 126.35 43 iPKPd 06 23.00 -1.2
1.0s 20.00nm
e 06 30.00
KIV 128.63 57 ePKP 06 28.40 -0.7

1.1s 15.00nm
e 06 36.00
MAIO 140.05 71 ePKP 06 51.00 0.2
BRVK 146.10 42 iPKPc 07 01.00 0.4
1.0s 52.00nm
Z 20s 0.15um 4.8Msz
N 18s 0.10um
E 20s 0.15um
GBA 146.17 117 PKPc 07 01.80 0.0
0.8s 19.50nm
YAK 147.51 341 iPKPc 07 04.80 2.3
1.0s 206.00nm
HYB 149.32 112 ePKPc 07 10.70 3.9X
1.0s 50.00nm
FRU 151.76 59 iPKP 07 16.80 7.0X
2.0s 100.00nm
e 07 24.60
S.D. = 1.1 on 77 of 85 obs.

? JUN 16, 1994 01h 01m 48.21± 7.55s
32.444 S ±44.9km 71.933 W ±43.7km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH 0.94 124 iPd 02 04.49 -0.8
iS 02 14.70
LCCH 1.07 164 iP+ 02 06.11 -0.8
iS 02 17.08
JACH 1.16 102 iP+ 02 08.48 0.3
iS 02 21.71
PEL 1.26 124 iP+ 02 09.65 0.0
iS 02 23.61
TACH 1.47 146 iP+ 02 12.25 -0.4
iS 02 27.92
SAN 1.47 134 iP+ 02 12.49 -0.2
LNV 1.57 164 iP 02 14.50 0.4
iS 02 30.95
FCH 1.64 123 iP+ 02 15.46 0.0
iS 02 35.04
PCH 1.67 135 iP 02 15.81 0.1
CHCH 1.83 144 iPd 02 18.27 0.3
CACH 2.01 147 iP+ 02 21.63 1.1
iS 02 45.41
S.D. = 0.6 on 11 of 11 obs.

JUN 16, 1994 01h 41m 41.64± 0.66s
43.113 N ± 8.4km 0.474 W ± 4.7km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 2.0 (LDG).

ESCF 0.08 245 Pg 41 44.28 0.1
Sg 41 45.65
JAU 0.11 134 Pg 41 44.44 -0.2
Sg 41 46.06
ATE 0.17 261 Pg 41 44.18 -1.3
Sg 41 48.84
LHE 0.23 209 Pg 41 46.58 0.0
Sg 41 49.68
ISSF 0.25 250 Pg 41 47.45 0.4
Sg 41 51.57
MADF 0.26 278 Pg 41 47.93 0.9
Sg 41 52.58
EPF 0.60 98 Pg 41 54.20 0.4
Sg 42 01.10
LPO 1.98 37 Pn 42 15.20 -0.3
Sg 42 46.60
S.D. = 0.8 on 8 of 8 obs.

? JUN 16, 1994 02h 02m 38.18± 1.13s
10.719 S ±10.7km 112.318 E ±19.2km
DEPTH = 33.0km (normal)
4.6mb (5 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 4.00 54 eP 03 38.20 -0.5
eS 04 24.10
e 07 45.00
LEM 6.04 309 ePc 03 55.00 -12.8X
NANU 12.17 166 eP 05 31.00 -1.2
iS 07 41.00
MBL 12.64 146 eP 05 35.00 -3.6X
0.3s 6.00nm 5.2mb X
eS 07 45.00
MEEK 16.91 160 eP 06 34.00 -0.1
eS 09 30.00
MRWA 18.72 170 eP 07 02.00 5.5X

eS 10 15.00
WB2 23.12 116 iPc 07 43.70 1.2
0.9s 4.90nm 4.0mb
ASPA 24.26 125 eP 07 56.70 3.1X
1.3s 13.10nm 4.3mb
i 08 05.10
eS 12 29.20
STKA 34.27 132 eP 09 26.70 3.3X
0.5s 3.10nm 4.5mb
i 09 34.90
KMI 36.83 345 eP 09 49.60 4.1X
1.2s 20.00nm 4.9mb
LZH 47.23 351 eP 11 09.50 -0.7
1.6s 25.00nm 5.0mb
sP 11 16.50
BAO 147.35 217 (PKP) 22 20.00 1.3
S.D. = 1.3 on 6 of 12 obs.

JUN 16, 1994 02h 09m 53.44± 0.91s
51.387 N ± 7.8km 15.805 E ± 8.2km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.5 (VIE), 2.8 (CLL), 2.7 (FUR).

BRG 1.28 247 iPg 10 18.90 1.7
iSg 10 38.60
PRU 1.61 210 Pn 10 20.80 -1.2
0.4s 39.70nm
Pg 10 23.60
i 10 26.90
Sg 10 45.70
CLL 1.76 269 iPn 10 23.20 -0.9
ePg 10 26.00
iSg 10 52.80
OKC 2.15 135 eP 10 30.20 0.4
(Pg) 10 31.90
Sg 10 58.30
KHC 2.67 213 Pn 10 37.50 0.2
Pg 10 45.00
Sn 11 12.50
eSg 11 22.00
e 11 25.50
HOF 2.71 248 ePn 10 37.80 -0.1
MOX 2.75 256 ePn 10 38.00 -0.4
iPg 10 46.50
iSg 11 25.50
GEC2 2.88 209 Pn 10 39.90 -0.4
0.4s 1.42nm
WET 2.93 221 iPnd 10 41.40 0.5
VKA 3.14 174 iPgd 10 52.20 8.3X
iSg 11 36.00
HFS 8.85 353 eP 12 04.30 0.1
0.4s 1.30nm 4.6mb
S.D. = 0.9 on 10 of 11 obs.

? JUN 16, 1994 02h 54m 16.59± 7.19s
38.647 N ±37.3km 26.205 E ±53.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.2 (ISK).

IZM 0.87 106 ePg 54 33.20 -0.1
eSg 54 46.20
EZN 1.18 5 iPn 54 38.80 0.2
DST 2.11 62 ePn 54 53.00 0.5
EDC 2.13 37 ePn 54 52.00 -0.6
S.D. = 0.8 on 4 of 4 obs.

? JUN 16, 1994 03h 57m 44.42± 1.17s
34.119 S ±21.8km 70.778 W ±16.8km
DEPTH = 90.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CACH 0.15 89 iP+ 57 57.80 0.1
iS 58 07.61
CHCH 0.21 29 iPd 57 57.55 -0.2
iS 58 07.32
TACH 0.48 344 iPd 57 59.16 -0.1
iS 58 10.56
PCH 0.54 24 iPd 57 59.86 0.0
iS 58 11.05
LNV 0.55 287 iP 57 59.84 0.1
iS 58 11.01
FCH 0.89 27 iPd 58 03.63 0.1
iS 58 17.86
S.D. = 0.2 on 6 of 6 obs.

? JUN 16, 1994 04h 24m 01.76± 3.24s
34.807 N ±31.8km 23.583 E ±12.9km
DEPTH = 10.0km (geophysicist)
3.7mb (2 obs.)
CRETE (370)
MD 3.7 (ATH).

VAM 0.78 40 iPbd 24 17.00 0.0
eSb 24 29.00
NPS 1.73 74 ePb 24 32.00 0.0
VLI 1.98 345 ePn 24 40.00 4.4X
GEC2 15.82 335 Pn 27 46.40 0.3
0.6s 2.10nm 3.5mb
KHC 16.11 336 eP 27 49.50 -0.3
NB2 27.43 347 P 29 42.00 -7.3X
0.4s 0.90nm 3.9mb
S.D. = 0.4 on 4 of 6 obs.

% JUN 16, 1994 05h 09m 40.21± 0.55s
26.893 S ± 5.8km 26.738 E ± 5.0km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.8 (PRE).

BFS 0.04 97 iPc 09 41.50 -0.2
S 09 41.80
PRY 0.66 93 eP 09 53.40 0.0
S 10 01.30
KSR 1.03 8 eP 10 00.50 0.2
S 10 15.00
SWZ 1.29 257 eP 10 04.00 -0.7
S 10 23.40
SEK 1.63 151 eP 10 09.50 -0.3
S 10 29.80
SLR 1.80 51 iPd 10 12.70 0.4
S 10 36.00
BOSA 2.08 214 eP 10 17.00 0.9
S 10 43.00
BLF 2.26 192 eP 10 19.00 0.0
S 10 46.00
NWL 2.98 107 eP 10 36.70 7.6X
S 11 07.80
BFT 3.20 69 eP 10 32.00 -0.4
S 11 15.00
S.D. = 0.5 on 9 of 10 obs.

JUN 16, 1994 05h 27m 20.31± 0.36s
37.838 S ± 3.0km 175.806 E ± 3.8km
DEPTH = 11.7 ± 2.4 km
4.1mb (2 obs.)
NORTH ISLAND, NEW ZEALAND (159)
ML 5.0 (WEL). Felt in the Matamata area.

UTU 0.46 138 Pc 27 29.40 -0.3
PATZ 0.65 147 P 27 33.10 -0.1
TAZ 0.68 126 P 27 34.00 0.3
MOZ 1.03 230 P 27 38.90 -0.8
eS 27 52.80
HATZ 1.08 168 P 27 39.90 -0.5
KUZ 1.09 356 P 27 40.70 0.1
eS 27 56.50
WIZ 1.14 75 P 27 40.90 -0.6
MGZ 1.18 190 P 27 41.40 -0.8
NGZ 1.35 187 P 27 44.20 -0.8
TTH 1.88 155 P 27 53.10 0.6
WAHZ 1.91 167 eP 27 53.20 0.2
NEZ 1.96 223 P 27 54.30 0.5
NRZ 2.10 224 P 27 55.90 0.2
WCZ 2.23 328 P 27 57.50 -0.1
MNG 2.79 185 P 28 06.10 0.5
PGZ 2.80 173 P 28 06.30 0.6
OUZ 3.16 325 eP 28 10.80 0.0
MRW 3.50 194 eP 28 16.30 0.7
SNZO 3.57 193 eP 28 23.00 6.4X
eS 29 16.00
MOW 3.60 187 P 28 17.40 0.2
THZ 4.51 209 eP 28 29.70 -0.4
ASPA 38.36 279 eP 34 47.60 4.5X
1.5s 7.90nm 4.2mb
WB2 40.06 285 iPc 34 46.90 -10.3X
0.5s 2.00nm
SPA 52.35 180 iPd 36 34.50 0.4
0.7s 1.56nm 4.0mb
KIC 148.66 179 (PKP) 47 12.26 6.7X
1.2s 14.50nm

16d 05h

S.D. = 0.5 on 21 of 25 obs.

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* JUN 16, 1994 05h 58m 14.15± 2.26s
7.288 S ±10.9km 127.999 E ±13.1km
DEPTH = 118.5 ± 22.3 km
4.9mb (8 obs.)
BANDA SEA (280)

MTN 6.33 151 iPc 59 46.90 0.5
eS 00 50.00
KNA 8.44 175 eP 00 15.00 -0.2
0.2s 135.00nm 6.3mb X
eS 01 42.00
MNI 9.23 340 ePc 00 35.00 9.3X
WB2 14.01 155 eP 01 24.90 -3.7X
0.3s 196.80nm 5.9mb
iS 03 50.70
BIP 15.51 354 eP 01 54.00 6.3X
WWKK 15.97 78 eP 01 54.50 1.0
CGP 15.98 348 eP 01 58.00 4.4X
ASPA 17.24 161 eP 02 08.10 -1.1
0.6s 82.10nm 5.2mb
iS 05 11.50
WARB 18.84 184 eP 02 27.00 -0.6
0.4s 20.00nm 4.8mb
e 02 36.00
PMG 19.07 98 eP 02 31.00 0.9
0.9s 168.07nm 5.4mb
NANU 19.36 217 iPd 02 33.20 0.1
eS 06 09.00
MEEK 21.21 204 eP 02 51.00 -0.9
WOOL 24.41 193 iPc 03 23.20 0.3
ePP 03 53.90
eS 07 59.40
MRWA 24.57 206 eP 03 25.90 1.4
0.4s 4.00nm 4.2mb
eS 08 02.00
ADE 29.26 162 e(P) 04 34.60 27.4X
DZM 39.84 116 iPc 05 35.90 -2.0
MAT 44.64 12 eP 06 15.00 -1.6
0.9s 9.24nm 4.5mb
BJI 48.34 348 eP 06 45.00 -0.5
1.5s 20.00nm 4.7mb
LZH 48.75 334 Pc 06 49.50 0.5
1.5s 37.00nm 5.0mb
GEC2 111.36 320 PKP 16 32.90 -3.0X
0.6s 0.82nm
e 16 36.00
ALQ 123.07 53 (PKP) 16 57.40 -1.5
TPX 139.83 76 iPKP 17 21.00 -9.9X
CRNY 141.08 26 (PKP) 17 33.40 1.0
MOCB 148.64 155 PKP 17 48.80 2.5
LPB 151.47 146 PKP 17 56.00 5.4X
LPAZ 151.65 146 PKP 17 55.70 4.5X
CCH 151.79 150 PKP 17 56.20 5.2X
S.D. = 1.3 on 17 of 27 obs.

JUN 16, 1994 07h 08m 30.57± 1.02s
44.267 N ± 5.5km 8.382 E ± 8.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.5 (LDG), 2.1 (GEN).

FIN 0.14 245 P 08 33.28 -0.6
S 08 35.84
PCP 0.30 23 P 08 36.30 -0.5
S 08 40.61
ROB 0.37 274 P 08 37.77 -0.4
S 08 42.80
ENR 0.69 267 P 08 43.53 -0.8
S 08 53.25
AUTN 0.74 249 Pg 08 46.10 0.9
Sg 09 00.12
STV 0.76 269 P 08 44.90 -0.6
S 08 55.20
SBF 0.79 240 Pn 08 45.70 -0.3
Sg 08 56.30
AURF 0.85 244 Pg 08 47.14 0.1
TOUF 0.85 253 Pg 08 47.37 0.2
PZZ 0.95 285 P 08 48.43 -0.3
S 09 01.21
CALN 1.19 245 Pg 08 53.87 0.9
RSP 1.19 318 P 08 52.34 -0.6
RRL 1.31 300 P 08 54.91 -0.1
FRF 1.44 241 Pg 08 56.30 -0.4
Sg 09 15.50
LMR 1.65 236 Pg 08 59.10 -0.5
Sg 09 20.10
LRG 1.67 242 Pg 09 00.70 0.7
Sg 09 22.20
LPG 1.69 317 Pg 09 01.90 1.3
LPL 1.71 317 Pg 09 01.80 1.0
S.D. = 0.7 on 18 of 18 obs.

& JUN 16, 1994 07h 38m 03.56s
59.920 N 152.783 W
DEPTH = 97.9km
SOUTHERN ALASKA (2)
<AEIC>.

INE 0.20 315 ePc 38 17.30 1.0
eS 38 27.92
OPT 0.35 220 eP 38 17.62 -0.8
eS 38 28.77
RED 0.50 1 eP 38 18.68 -0.8
eS 38 30.20
RSO 0.54 2 ePd 38 19.27 -0.7
RS2 0.54 1 iPd 38 19.27 -0.7
REF 0.57 4 iPd 38 19.46 -0.7
eS 38 31.47
AUL 0.63 212 eP 38 19.91 -0.5
HOM 0.63 114 ePc 38 19.90 -0.5
AUE 0.64 208 eP 38 19.66 -0.8
AUP 0.65 210 (P) 38 19.60 -1.0
AGU 0.65 211 eP 38 20.79 0.1
AUH 0.65 211 eP 38 20.00 -0.7
AUI 0.67 209 eP 38 19.88 -0.9
eS 38 32.09
DFR 0.68 4 iPd 38 20.18 -0.7
RDT 0.68 16 iPd 38 20.03 -0.9
eS 38 32.90
XLV 0.71 130 eP 38 20.12 -1.0
PDB 0.72 260 iPc 38 20.51 -0.7
eS 38 33.36
NNL 0.76 80 iPc 38 21.74 0.2
CNPM 0.88 116 iPc 38 21.96 -0.9
eS 38 36.46
BRLK 0.97 98 eP 38 23.02 -0.8
eS 38 38.33
MCNL 1.08 228 ePd 38 23.97 -1.1
eS 38 39.44
CDD 1.09 204 ePd 38 23.85 -1.3
NKA 1.13 42 eP 38 26.54 1.0
BKG 1.18 12 ePd 38 25.55 -0.7
eS 38 42.69
CKL 1.30 10 eP 38 27.13 -0.6
CKT 1.32 12 iPd 38 27.13 -0.8
SPU 1.32 16 iPd 38 27.08 -0.8
eS 38 45.22
SYI 1.33 171 ePd 38 27.05 -0.9
CKN 1.34 13 eP 38 27.64 -0.5
BGL 1.36 8 eP 38 27.99 -0.5
CP2 1.38 11 iPd 38 27.90 -0.9
CRP 1.39 13 eP 38 28.33 -0.5
eS 38 47.35
SLKM 1.41 64 ePd 38 27.85 -1.1
eS 38 46.64
SEW 1.68 82 eP 38 31.17 -1.2
MPA 1.80 70 ePc 38 32.74 -1.2
SVW 1.84 312 ePd 38 32.87 -1.7
PMS 2.07 49 P 38 36.80 -0.8
KDC 2.18 176 iPd 38 36.23 -2.7
PWA 2.25 38 P 38 39.20 -0.6
PLRM 2.46 45 eP 38 41.22 -1.4
PMR 2.46 45 eP 38 40.11 -2.5
KNK 2.60 53 eP 38 42.70 -2.0
GHO 2.65 44 eP 38 43.98 -1.4
CUT 2.77 25 eP 38 46.10 -0.8
SML 2.89 47 eP 38 46.64 -1.9
HIN 3.18 79 eP 38 49.85 -2.6
eS 39 25.91
SCM 3.29 52 eP 38 52.19 -1.8
MID 3.31 96 P 38 52.60 -1.6
VLZ 3.41 66 eP 38 53.57 -2.1
HUR 3.42 25 eP 38 55.50 -0.3
CVA 3.56 77 eP 38 54.84 -2.9
KLU 3.72 62 eP 38 57.48 -2.5
TRF 3.74 17 eP 39 00.06 -0.3
KTH 3.75 13 eP 38 59.46 -1.0
TOA 3.89 53 P 39 00.70 -1.6
RND 3.97 26 P 39 02.30 -1.1
DHY 4.09 37 eP 39 03.52 -1.7
MCK 4.24 24 eP 39 05.85 -1.2
SDG 4.37 50 eP 39 07.09 -1.8
PAX 4.66 46 eP 39 11.03 -1.9
GLB 4.67 67 eP 39 10.05 -3.0
NEA 4.98 19 eP 39 15.36 -2.0
WRH 5.07 24 eP 39 16.43 -2.1
MLY 5.22 10 eP 39 19.51 -1.1
HDA 5.26 29 eP 39 19.01 -2.2
CCB 5.28 24 eP 39 19.02 -2.4
BALM 5.28 73 eP 39 19.94 -1.7
MDM 5.48 21 eP 39 22.00 -2.3
FBA 5.51 23 eP 39 22.20 -2.4
DOT 5.58 44 P 39 25.10 -0.5
IL1 5.59 27 eP 39 23.21 -2.5
ILB 5.59 27 eP 39 23.21 -2.5
GLM 5.67 24 eP 39 24.35 -2.5
CHX 5.86 84 eP 39 28.16 -1.4
IM3 6.10 356 eP 39 31.26 -1.5
BCA3 6.14 54 eP 39 31.16 -2.2
IMA 6.19 357 eP 39 32.35 -1.7
BM3 8.35 22 eP 39 59.13 -4.5
SIT 9.58 100 e(P) 40 16.90 -3.2
0.3s 6.40nm 5.0mb X
79 obs. associated

% JUN 16, 1994 07h 38m 59.44± 3.00s
17.863 N ±28.4km 61.825 W ±25.2km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

BPA 0.81 182 eP 39 13.70 -0.8
DEG 1.71 154 eP 39 27.00 -0.4
PAG 1.83 176 eP 39 29.30 0.2
S 39 49.89
DOG 1.83 174 eP 39 30.10 0.9
MGG 1.99 166 eP 39 31.55 0.1
S 39 53.00
LPR 3.87 277 iP 39 58.50 0.3
CPD 3.90 273 iP 39 58.80 0.3
SJG 4.12 274 iP 40 02.00 0.2
CLLP 4.53 273 iP 40 07.50 0.0
MGP 5.01 272 iP 40 13.60 -0.8
S.D. = 0.6 on 10 of 10 obs.

JUN 16, 1994 07h 49m 02.81± 1.63s
40.681 N ± 7.7km 30.303 E ±12.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.5 (ISK).

EYL 0.16 224 iPg 49 06.80 0.2
GPA 0.39 179 iPg 49 10.00 -0.9
iSg 49 16.00
HRT 0.50 286 iPg 49 11.80 -1.2
YLV 0.72 261 iPg 49 16.80 -0.2
eSg 49 26.80
IZI 0.72 242 iPg 49 17.40 0.4
ISK 1.02 293 iPg 49 22.10 0.0
CTT 1.49 289 iPn 49 30.40 0.7
KCT 1.55 254 ePn 49 30.80 0.4
BNT 1.85 261 ePn 49 34.80 0.0
EDC 1.89 261 iPn 49 35.50 0.1
DMK 2.23 302 iPn 49 40.40 0.0
KHL 2.43 195 ePn 49 43.80 0.5
EZN 3.16 256 ePn 49 53.40 -0.1
VAY 5.89 279 ePn 50 53.40 21.3X
S.D. = 0.6 on 13 of 14 obs.

? JUN 16, 1994 07h 56m 27.18± 1.07s
39.859 N ± 7.4km 28.732 E ±10.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

DST 0.27 198 ePg 56 32.80 0.0
eSg 56 37.30
BNT 0.80 309 ePn 56 42.80 0.1
EDC 0.83 307 ePn 56 43.00 -0.1
YLV 0.86 35 ePn 56 43.80 0.0
S.D. = 0.2 on 4 of 4 obs.

% JUN 16, 1994 08h 04m 11.12± 0.87s
39.132 N ± 7.1km 27.557 E ± 9.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.6 (ISK).

IZM 0.77 198 ePg 04 26.00 -0.1
eSg 04 37.30

DST 0.96 60 ePn 04 29.70 0.4
EZN 1.18 306 ePn 04 33.40 0.3
EDC 1.24 11 ePn 04 34.00 -0.1
BNT 1.25 13 ePn 04 34.00 -0.4
S.D. = 0.5 on 5 of 5 obs.

& JUN 16, 1994 08h 23m 47.90s
37.608 N 118.910 W
DEPTH = 8.3km
CALIFORNIA-NEVADA BORDER REGION (40)
<GM-P>. MD 2.9 (GM).

MCSM 0.05 5 P 23 49.84 -0.2
MEMM 0.06 338 iPd 23 50.01 0.1
CLKR 0.07 104 P 23 49.97 -0.3
MMPM 0.09 271 iPd 23 50.32 -0.3
HTCR 0.14 125 P 23 50.97 -0.3
ORC 0.20 82 P 23 52.30 -0.1
MRCM 0.33 79 iPc 23 54.49 -0.2
MTUM 0.37 133 iPd 23 55.30 -0.3
BCKR 0.44 78 P 23 56.74 0.0
BHPR 0.46 132 P 23 56.93 -0.2
CWCR 0.49 103 P 23 57.59 -0.3
BONR 0.59 54 eP 23 58.88 -1.0
BNPN 0.61 52 P 24 00.85 0.6
FRI 0.89 226 P 24 05.25 0.2
MSTM 1.22 284 P 24 10.25 -0.5
CMB 1.24 290 eP 24 10.53 -0.7
MCUM 1.40 286 P 24 13.52 -0.2
TNP 1.42 70 eP 24 15.12 0.9
WLHM 1.53 162 P 24 16.40 0.6
KVN 1.58 24 eP 24 17.39 1.1
BAVM 1.68 272 P 24 22.71 5.0
BRMM 1.71 244 P 24 19.55 1.4
PDRM 1.73 223 P 24 19.94 1.6
PKEM 1.82 212 eP 24 21.09 1.4
VPEM 1.87 152 P 24 22.92 2.3
NMC 1.94 155 P 24 23.60 2.1
RCWM 1.94 148 P 24 24.71 3.2
ISA 1.97 170 (P) 24 25.64 3.7
TOW 2.02 153 P 24 25.64 3.0
LTR 2.05 250 P 24 24.38 1.4
ARN 2.10 264 eP 24 25.10 1.3
BLRM 2.11 244 P 24 26.75 2.9
PHAM 2.13 215 eP 24 25.00 0.7
BVYM 2.18 248 P 24 25.93 1.0
TPNV 2.22 106 eP 24 25.95 0.2
COE 2.23 262 (P) 24 26.42 0.8
YEG 2.33 202 P 24 24.79 -2.3
HMR 2.35 284 (P) 24 29.17 1.8
BCH 2.60 202 eP 24 31.73 0.8
ORV 2.81 315 (P) 24 35.29 1.4
40 obs. associated

% JUN 16, 1994 08h 26m 33.87± 0.93s
39.105 N ± 7.6km 27.584 E ± 9.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.75 200 ePg 26 48.30 -0.3
eSg 26 59.80
DST 0.95 58 ePn 26 52.70 0.7
EZN 1.21 307 ePn 26 57.00 0.6
EDC 1.26 10 ePn 26 57.00 -0.3
BNT 1.28 12 ePn 26 56.80 -0.7
S.D. = 0.9 on 5 of 5 obs.

% JUN 16, 1994 08h 51m 49.86± 0.75s
26.865 S ± 7.5km 26.695 E ± 7.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.3 (PRE).

BFS 0.09 112 iPc 51 52.00 0.1
S 51 52.70
KSR 1.01 10 eP 52 10.00 0.4
S 52 26.00
SWZ 1.26 255 eP 52 13.00 -0.8
S 52 29.30
SEK 1.67 151 eP 52 19.50 -0.6
S 52 40.00
SLR 1.82 52 eP 52 21.90 -0.2
S 52 45.00
BOSA 2.08 213 eP 52 27.00 1.2
S 52 54.00
S.D. = 1.0 on 6 of 6 obs.

& JUN 16, 1994 08h 53m 00.92s
60.201 N 153.059 W
DEPTH = 114.8km
SOUTHERN ALASKA (2)
<AEIC>.

INE 0.14 181 eP 53 16.36 0.8
eS 53 29.34
RED 0.26 33 eP 53 16.69 0.8
RS2 0.30 30 eP 53 17.00 0.8
RSO 0.30 30 eP 53 17.00 0.8
REF 0.34 31 iP 53 17.13 -0.8
DFR 0.43 25 eP 53 17.32 -0.9
eS 53 31.05
RDT 0.50 41 iP 53 17.74 -0.9
OPT 0.56 189 eP 53 18.30 -0.7
eS 53 32.48
PDB 0.70 234 iP 53 19.18 -0.9
eS 53 33.74
AUL 0.84 193 eP 53 20.50 -0.8
AUE 0.86 191 eP 53 20.38 -1.0
AUP 0.86 192 eP 53 20.32 -1.2
AUH 0.86 193 eP 53 20.73 -0.8
AGU 0.86 193 eP 53 20.74 -0.9
AUI 0.89 192 eP 53 20.67 -1.0
eS 53 36.63
HOM 0.90 127 eP 53 20.94 -0.8
NNL 0.90 99 eP 53 21.35 -0.4
BKG 0.96 24 iP 53 21.72 -0.7
eS 53 38.45
XLV 1.01 137 eP 53 21.79 -1.1
eS 53 38.48
NKA 1.05 58 eP 53 24.04 0.7
CKL 1.06 19 eP 53 22.96 -0.6
CKT 1.09 22 eP 53 23.00 -0.8
eS 53 40.62
SPU 1.10 26 eP 53 23.03 -0.9
eS 53 40.44
CKN 1.11 22 eP 53 23.51 -0.5
BGL 1.12 17 eP 53 23.66 -0.5
CP2 1.14 20 ePc 53 23.67 -0.9
CNPM 1.14 126 eP 53 22.98 -1.4
CRP 1.16 22 eP 53 24.08 -0.6
eS 53 42.15
BRLK 1.18 111 eP 53 24.22 -0.5
eS 53 40.93
MCNL 1.21 213 eP 53 23.82 -1.2
eS 53 41.68
CDD 1.31 193 eP 53 24.77 -1.4
SLKM 1.44 76 eP 53 26.14 -1.6
SVW 1.56 307 iPd 53 27.33 -1.8
SYI 1.63 168 eP 53 28.30 -1.7
SEW 1.81 92 eP 53 29.99 -2.1
MPA 1.86 79 eP 53 30.96 -1.9
PMS 2.01 57 P 53 33.40 -1.4
PWA 2.13 45 P 53 35.10 -1.1
PLRM 2.37 52 eP 53 38.78 -0.6
PMR 2.37 52 (P) 53 36.84 -2.6
KDC 2.48 173 ePd 53 37.36 -3.4
GHO 2.56 50 eP 53 40.47 -1.5
KNK 2.56 60 eP 53 39.84 -2.1
CUT 2.59 30 eP 53 40.93 -1.3
SML 2.81 53 eP 53 43.59 -1.7
TTA 3.08 334 P 53 45.00 -3.9
HUR 3.23 29 eP 53 50.16 -0.7
SCM 3.23 57 eP 53 48.84 -2.1
HIN 3.27 84 eP 53 47.71 -3.7
VLZ 3.44 71 eP 53 50.23 -3.4
MID 3.48 100 P 53 52.90 -1.3
KTH 3.51 16 eP 53 52.90 -1.8
TRF 3.52 21 P 53 53.30 -1.6
CVA 3.65 81 eP 53 54.04 -2.4
KLU 3.73 67 eP 53 54.60 -3.0
TOA 3.84 57 eP 53 56.90 -2.3
FBA 5.31 25 eP 54 16.00 -3.1
1.1s 0.21nm 2.3mb X
BALM 5.34 76 eP 54 16.79 -2.9
ILB 5.40 29 eP 54 17.39 -3.0
IL1 5.40 29 eP 54 17.36 -3.1
IM3 5.81 357 eP 54 23.88 -2.2
IMA 5.90 358 eP 54 24.70 -2.7
BCA3 6.09 57 eP 54 27.51 -2.5
63 obs. associated

% JUN 16, 1994 09h 12m 45.64± 0.85s
39.120 N ± 7.1km 27.672 E ± 8.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.79 204 ePg 13 00.80 -0.2
eSg 13 13.30
DST 0.89 57 iPn 13 03.10 0.4
EDC 1.23 7 ePn 13 08.00 -0.6
KCT 1.25 25 ePn 13 09.00 0.2
BNT 1.25 9 ePn 13 08.50 -0.3
EZN 1.26 305 ePn 13 09.50 0.5
S.D. = 0.6 on 6 of 6 obs.

% JUN 16, 1994 09h 14m 56.73± 0.84s
47.862 N ± 6.7km 0.065 E ±10.7km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 2.5 (LDG).

LDF 0.74 350 Pg 15 11.10 -0.5
Sg 15 20.20
LPF 0.76 283 Pg 15 12.60 0.6
Sg 15 23.20
GRR 0.81 311 Pg 15 13.00 0.1
Sg 15 24.00
FLN 0.97 338 Pg 15 15.50 -0.2
Sg 15 28.00
MFF 1.27 187 Pn 15 19.70 -1.0
Pg 15 21.20
Sg 15 37.10
TCF 2.15 136 Pg 15 34.70 0.9
Sg 16 02.70
MAF 2.37 133 Pg 15 39.30 2.4X
Sg 16 08.30
SSF 2.47 108 Pg 15 40.30 2.0X
Sg 16 10.40
AVF 2.48 114 Pg 15 41.20 2.8X
Sg 16 10.70
LOR 2.64 102 Pg 15 43.70 3.0X
Sg 16 15.20
S.D. = 0.9 on 6 of 10 obs.

% JUN 16, 1994 09h 18m 15.36± 0.49s
40.210 N ± 4.2km 29.558 E ± 3.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.4 (ISK).

IZI 0.14 333 iPg 18 18.60 -0.2
YLV 0.38 338 iPg 18 23.30 0.0
eSg 18 28.30
EYL 0.58 52 iPg 18 27.00 -0.2
GPA 0.58 82 iPg 18 27.00 -0.1
iSg 18 37.00
HRT 0.62 8 iPg 18 27.50 -0.3
KCT 0.92 273 ePg 18 31.80 -1.2
DST 0.94 230 iPg 18 32.20 -1.1
ISK 0.94 336 ePg 18 33.30 0.1
eSg 18 45.80
BNT 1.26 277 iPn 18 38.80 0.0
CTT 1.27 318 iPn 18 39.20 0.3
EDC 1.30 277 iPn 18 40.00 0.5
MFT 1.83 289 ePn 18 47.80 0.6
KHL 1.88 181 ePn 18 48.80 0.8
DMK 2.11 320 ePn 18 51.40 0.3
EZN 2.51 262 ePn 18 57.30 0.4
S.D. = 0.6 on 15 of 15 obs.

? JUN 16, 1994 09h 34m 52.52± 2.10s
40.267 N ±19.0km 29.381 E ±12.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.5 (ISK).

IZI 0.10 45 iPg 34 55.30 0.0
eSg 34 57.80
YLV 0.30 359 iPg 34 58.80 0.0
iSg 35 03.30
BNT 1.12 275 ePg 35 13.80 0.3
EDC 1.16 274 ePg 35 14.00 -0.3
S.D. = 0.4 on 4 of 4 obs.

JUN 16, 1994 10h 12m 46.92± 0.09s
7.391 S ± 2.5km 128.125 E ± 2.6km
DEPTH = 108.6km (2 depth phases)
6.0mb (77 obs.)
BANDA SEA (280)

16d 10h

Mw 5.9 (GS), 5.9 (HRV).
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=110 Dip=58 Slip= 75
NP2: 317 35 112
Principal Axes:
T Plg=73 Azm=342
P 12 211
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a small right-lateral strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 15 Focal mech. F
Energy 1.7±0.2*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 141 No. of sta: 19
Moment Tensor; Scale 10**17 Nm
Mrr= 7.31 Mtt=-5.14
Mff=-2.16 Mrt= 3.93
Mrf=-0.34 Mtf= 4.66
Principal axes:
T Val= 8.55 Plg=71 Azm=341
N 0.71 15 121
P -9.26 12 214
Best Double Couple:Mo=8.9*10**17
NP1:Strike=322 Dip=36 Slip= 116
NP2: 111 58 73
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 56S,113C
Centroid Location:
Origin Time 10:12:56.7 0.2
Lat 7.44S 0.02 Lon 128.38E 0.02
Dep 154.6 0.5 Half-duration 2.3
Moment Tensor; Scale 10**17 Nm
Mrr= 8.48 0.12 Mtt=-5.53 0.16
Mff=-2.95 0.18 Mrt= 3.73 0.11
Mrf= 1.20 0.14 Mtf= 3.66 0.14
Principal Axes:
T Val= 9.76 Plg=71 Azm=328
N -1.29 16 119
P -8.47 8 212
Best Double Couple:Mo=9.1*10**17
NP1:Strike=321 Dip=39 Slip= 117
NP2: 108 56 70

```
MTN    6.18 152 eP     14 18.30   1.2
KNA    8.33 176 iPd    14 47.30   0.7
                eS     16 12.00
BUNI   8.61 295 P      14 56.40   6.1X
NINI   8.83 289 P      14 59.70   6.2X
MKS    8.87 284 iPc    15 02.50   8.6X
MNI    9.37 339 ePc    15 10.00   9.4X
 0.8s   25.50nm         5.1mb
TANI   9.55 294 P      15 09.80   6.7X
KEDI  11.95 266 P      15 37.00   1.9
                S      17 46.00
KHKI  12.44 265 eP     15 45.20   3.9X
                eS     18 12.00
                e      26 49.00
THRI  12.50 265 P      15 45.00   2.7
RATI  12.54 263 P      15 43.70   1.0
JEHI  12.81 266 P      15 48.80   2.5
INGI  12.93 263 P      15 48.60   0.8
RANI  13.09 264 P      15 52.00   2.0
MENI  13.17  69 P      15 53.40   2.5
OKTD  13.24  82 eP     15 53.90   2.0
YOMI  13.25  70 P      15 54.80   2.8
JAY   13.43  69 ePc    15 57.00   2.6
                eS     18 20.10
KELI  13.53 266 P      16 00.20   4.4X
WRAB  13.85 155 iPd    15 56.95  -2.9
WRA   13.86 155 P      15 53.20  -6.7X
 0.5s  171.80nm         5.6mb
WB2   13.86 155 iPd    15 57.60  -2.3
 0.9s  594.20nm         5.9mb
                iS     18 18.60
SRDI  13.89 265 P      16 00.40   0.0
DAV   14.61 350 eP     16 17.00   7.5X
 1.3s 2630.77nm         6.3mb
                eS     19 05.30
CTB   15.01 345 iPc    16 24.00   9.3X
TSM   15.47 318 ePc    16 27.00   6.5X
 0.9s  646.50nm         5.9mb
BIP   15.62 353 ePd    16 28.00   5.6X
MBL   15.86 210 eP     16 26.00   0.7
ASPA  17.11 162 eP     16 40.10  -0.7
 1.2s 1004.60nm         5.9mb
                eS     19 39.00
MDG   17.68  84 eP     16 50.40   2.7
KKM   17.87 318 ePc    16 54.50   4.3X
 0.9s  526.20nm         5.8mb
PLP   18.70 350 ePd    17 02.50   2.7
WARB  18.74 184 eP     17 01.10   0.9
LAT   18.75  89 eP     17 00.70   0.4
PMG   18.94  97 eP     17 05.00   2.8
NANU  19.36 217 eP     17 07.00   0.4
PPR   19.45 331 iPd    17 11.00   3.4X
LEM   20.36 270 ePc    17 17.00  -0.2
                eS     18 19.00
PACI  21.07 271 P      17 23.40  -0.9
MEEK  21.17 204 iPd    17 26.10   1.0
                eS     21 15.00
KALI  21.30 269 P      17 24.30  -2.2
CTAO  21.63 128 (P)    17 30.75   1.0
 0.5s   81.88nm         5.3mb
GQP   21.89 345 iPc    17 35.00   2.7
PGP   21.94 341 eP     17 36.50   3.6X
PULI  22.02 271 P      17 31.40  -2.3
PASI  22.38 270 P      17 35.20  -1.9
TGY   22.51 342 iPc    17 43.00   4.5X
QCP   22.97 342 eP     17 49.00   6.2X
KVG   23.09  79 eP     17 45.80   1.8
RAB   24.12  84 eP+    17 53.20  -0.8
COOL  24.27 195 eP     17 55.00  -0.3
WOOL  24.34 193 iPc    17 56.80   0.9
                eS     22 32.50
MRWA  24.54 206 iPc    17 59.80   2.0
BCP   24.80 343 eP     18 02.00   1.4
BAG   24.80 343 ePc+   18 01.60   1.0
                eS     22 09.90
BAL   25.45 203 eP     18 07.00   0.6
                i      18 09.30   8kmX
                eS     22 53.00
CVP   25.70 346 ePd    18 09.50   0.8
KLB   25.95 201 eP     18 11.30   0.3
                iS     23 06.00
KGM   26.46 290 ePc    18 17.80   2.1
PIP   26.60 344 iPd    18 13.50  -3.5X
GUA   26.65  39 eP     18 17.40  -0.1
 0.8s  626.87nm         6.2mb
GUMO  26.66  39 ePc    18 16.94  -0.6
 0.9s  819.10nm         6.3mb
PJG   26.66  39 eP     18 17.00  -0.6
MUN   26.87 203 eP     18 19.30   0.0
   Z 18s    8.30um      5.3Msz
                i      18 23.30  14kmX
                iS     23 30.00
NWAO  27.35 200 eP     18 24.00   0.3
   Z 20s    4.80um      5.1Msz
                iS     23 40.00
STKA  27.41 155 eP     18 24.20   0.0
 1.0s  263.30nm         5.8mb
                epP    18 50.20 121km
                eS     23 41.40
BBP   28.31 348 eP     18 29.00  -3.4X
RKG   28.92 199 eP     18 39.30   1.5
 0.5s   65.00nm         5.5mb
                e      19 21.00 206kmX
                eS     24 21.00
ADE   29.12 162 iPd-   18 40.40   0.7
IPM   29.54 293 ePc    18 44.30   0.7
 0.9s  466.10nm         6.2mb
SNG   31.02 297 eP     18 58.00   1.5
 1.0s  360.00nm         6.1mb
                eS     23 52.00
HNR   31.54  96 eP     19 01.00  -0.1
QIZ   31.84 326 iPc    19 05.33   1.6
                e      19 41.75 174kmX
HKC   32.52 335 P      19 11.10   1.6
                S      24 15.00
BWA   32.77 148 eP     19 13.60   1.9
                ipP    19 26.10  48kmX
CAN   33.76 148 iPd    19 21.40   1.2
                epP    19 35.50  55kmX
                i      20 01.60
                iScP   25 26.40
RIV   33.84 144 eP     19 21.90   1.0
                iS     24 38.00
LOE   35.88 314 eP     19 39.00   0.6
                e      25 34.50
NST   35.97 310 eP     19 41.00   1.9
KAGJ  38.45   4 eP     20 01.00   1.2
CHTO  38.81 313 iPc    20 04.73   1.8
 0.8s  109.81nm         5.7mb
                e      20 41.81 171kmX
                eS     25 49.00
SSE   38.84 350 iPc    20 03.96   1.0
                e      20 45.51 195kmX
SSE   38.84 350 P      20 11.50   8.5X
   Z 22s    2.40um      5.0Msz
   N 14s    1.00um
   E 14s    1.00um
                isP    20 47.00
                iPcP   22 20.00
                iS     25 44.00
                sS     26 22.00
                i      27 20.00
NOUC  39.57 116 iPc    20 09.10  -0.1
DZM   39.69 116 iPc    20 10.50   0.2
KUMJ  39.79   4 eP     20 11.20   0.4
BKM   40.39 109 iPc    20 15.50  -0.5
KMI   40.69 323 iPc    20 21.51   2.9
   Z 18s    3.20um      5.2Msz
   N 12s    0.60um
   E 12s    0.90um
                e      21 02.40 190kmX
                PP     22 02.00
                S      26 08.00
                sS     26 57.00
SHNJ  41.38   4 P      20 24.50   0.6
TKSJ  41.53   7 P      20 26.10   1.0
TKSJ  41.53   7 P      20 26.50   1.4
WKYJ  41.98   9 P      20 29.60   0.7
WKYJ  41.98   9 P      20 30.50   1.6
YONJ  42.65   6 P      20 34.00  -0.2
TSRJ  43.33   9 P      20 40.80   1.0
IIDJ  43.63  12 P      20 42.60   0.4
CHJJ  44.40  13 P      20 47.10  -1.3
MTMJ  44.68  11 P      20 50.10  -0.6
MAJO  44.71  12 iPc    20 49.75  -1.2
 0.8s  417.34nm         6.3mb
                e      21 32.96 199kmX
MAT   44.71  12 eP     20 50.00  -0.9
 1.2s  687.50nm         6.3mb
                eS     27 15.00
KAKJ  44.82  14 P      20 50.80  -0.9
XAN   45.04 337 iPc    20 53.59   0.0
                e      21 31.33 171kmX
NIIJ  45.55  12 P      20 57.40  -0.1
YAMJ  46.67  13 eP     21 07.00   0.7
OFUJ  47.91  14 eP     21 16.40   0.4
BJI   48.47 348 Pc+    21 20.50   0.2
 1.0s  255.00nm         6.0mb
                epP    22 00.00 177kmX
                ePcP   22 44.50
                ePP    23 15.00
                eScP   26 20.50
                eS     28 06.00
                esS    29 15.00
                eSS    31 35.00
LZH   48.90 334 iPc    21 25.00   1.1
 2.0s 1161.00nm         6.4mb
   Z 22s    2.53um      5.2Msz
   E 17s    3.72um
                pP     21 59.00 149kmX
                sP     22 15.00
                PcP    22 48.00
                PP     23 18.00
                ScP    26 28.50
                PcS    26 41.50
                S      28 17.50
                sS     29 10.00
                ScS    31 00.00
                SS     31 46.00
AOMJ  49.03  12 eP     21 26.60   2.0
VLA   50.39   4 iPd    21 37.00   2.1
 0.8s  408.00nm         6.5mb
                isP    22 25.00
                eS     28 35.00
                iPS    28 57.00
                eSS    32 12.00
                iSSS   33 47.00
MSZ   50.71 144 P      21 38.50   1.1
 0.7s  153.00nm         6.1mb
                e      22 52.40 357kmX
MRRJ  50.96  12 eP     21 39.00  -0.3
LSA   51.21 318 iPc    21 43.32   1.3
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WHZ 51.43 145 P 21 42.60 -0.3
HOOJ 51.43 14 eP 21 44.00 1.1
DSZ 51.57 139 P 21 44.80 0.7
0.7s 109.00nm 5.9mb
BWZ 51.80 143 P 21 45.20 -0.5
EWZ 51.85 141 P 21 46.90 0.8
0.7s 124.00nm 6.0mb
SIZ 52.11 146 eP 21 48.40 0.5
ODAN 52.13 312 P 21 49.11 0.4
0.9s 1089.00nm 6.8mb
KUZ 52.17 131 P 21 48.90 0.3
TAPN 52.17 313 P 21 49.47 0.4
1.0s 1548.00nm 6.9mb
THZ 52.30 138 eP 21 50.20 0.6
LTZ 52.38 140 eP 21 49.70 -0.4
TUZ 52.43 144 P 21 49.90 -0.5
KUSJ 52.46 15 eP 21 49.80 -0.8
ODZ 52.53 143 P 21 49.70 -1.4
RAMN 52.76 312 P 21 54.17 0.8
MGZ 52.91 134 eP 21 55.00 0.9
ASAJ 52.92 13 eP 21 54.20 0.3
TCW 52.97 137 eP 21 53.50 -0.9
NGZ 53.03 134 eP 21 56.00 1.0
MQZ 53.08 140 eP 21 55.20 0.1
MCQ 53.09 158 iPc 21 55.90 0.9
KIW 53.25 136 eP 21 56.10 -0.4
MRW 53.27 137 eP 21 54.80 -1.8
SNZO 53.30 137 eP 21 56.00 -0.8
e(S) 29 12.00
SS 34 58.00
JIRN 53.46 312 P 21 58.79 0.2
0.9s 922.00nm 6.8mb
CAW 53.46 137 eP 21 57.60 -0.4
MNG 53.54 136 eP 21 57.60 -1.0
WAHZ 53.77 134 P 21 59.60 -0.8
GUN 53.83 313 P 22 01.57 0.3
0.7s 1107.00nm 7.0mb
PKI 53.98 312 P 22 02.27 -0.2
0.6s 292.00nm 6.4mb
AMW 54.02 137 eP 22 01.80 -0.4
PGZ 54.08 136 eP 22 01.30 -1.3
KKN 54.20 312 P 22 03.85 -0.1
1.0s 957.00nm 6.8mb
DMN 54.23 312 P 22 04.31 0.1
0.3s 1227.00nm 7.4mb X
GBA 54.47 292 Pc 22 07.00 1.2
0.7s 999.90nm 6.9mb
GKN 54.79 312 P 22 08.27 0.1
HYB 54.83 297 ePc 22 07.50 -0.9
1.0s 240.00nm 6.1mb
e 24 16.50 732kmX
KOLN 55.43 311 P 22 12.67 -0.2
0.8s 1171.00nm 6.9mb
DANN 55.63 312 P 22 14.09 -0.2
1.2s 1634.00nm 6.9mb
YSS 55.70 12 iPc 22 12.59 -1.5
0.7s 110.00nm 6.0mb
Z 17s 0.90um 4.9MszX
N 17s 0.50um
e 22 57.61 199kmX
eS 29 45.00
eSSS 35 52.00
PYUN 56.07 311 P 22 17.37 0.0
0.9s 1847.00nm 7.1mb X
POO 59.40 297 iPc 22 40.00 -0.6
DRV 59.75 175 iP 22 42.80 0.6
ePP 26 48.00
eS 30 42.00
eSS 34 27.00
eSSS 37 45.00
CSY 60.05 188 iPc 22 54.70 10.4X
0.7s 22.30nm
NDI 60.76 309 ePc 22 48.20 -1.5
0.5s 274.65nm 6.5mb
ZAK 61.44 342 iPc 22 54.20 0.3
2.0s 748.00nm 6.4mb
e 23 32.00 160kmX
eS 31 04.00
TLY 62.48 343 iPc 23 01.74 0.8
e 23 36.67 146kmX
IRK 62.82 344 eP+ 23 03.00 -0.1
1.8s 409.00nm 6.1mb
Z 16s 0.51um 4.8MszX
e 23 52.00 212kmX
eS 31 20.00
PET 65.52 20 eP 23 24.00 3.5X
1.0s 228.00nm 6.1mb

Z 18s 1.00um 5.1Msz
eS 31 54.00
ePS 32 26.00
BOD 66.00 352 iP 23 24.40 0.9
MA2 69.15 12 iPc 23 42.25 -1.0
e 24 23.30 171kmX
YAK 69.21 1 iPc 23 42.70 -0.7
1.0s 1017.00nm 6.6mb
i 24 10.00
epP 24 33.00 214kmX
ePPP 28 06.00
iS 32 36.00
e 33 06.00
i 33 18.00
eSS 37 14.00
eSSS 40 14.00
FRU 69.68 321 iPc 23 48.00 1.2
3.0s 900.00nm 6.1mb
e 24 12.80 96km
e 26 20.00
RAR 70.71 110 eP 23 52.57 -0.9
SMY 71.47 27 eP 23 56.60 -0.8
0.7s 539.70nm 6.5mb
SBA 73.20 172 eP 24 08.60 1.4
MAW 73.91 201 eP 24 12.50 1.0
0.7s 26.70nm 5.2mb
ADK 75.48 32 iPc 24 20.24 -0.5
0.7s 176.70nm 6.0mb
BRVK 77.48 328 iPc 24 32.00 0.2
1.0s 350.00nm 6.1mb
Z 20s 0.39um 4.7Msz
N 24s 0.48um
eS 34 09.00
MAIO 77.49 310 iPc 24 33.20 0.8
0.8s 51.98nm 5.4mb
eS 34 14.00
HON 77.84 66 P 24 40.00 5.6X
Z 20s 0.73um 5.0Msz
KIP 77.85 66 eP 24 33.94 -0.5
0.8s 55.65nm 5.4mb
OPA 77.91 66 eP 24 35.02 0.2
DHH 78.01 66 eP 24 35.60 0.3
ASH 78.88 311 eP 24 39.00 -0.9
MHA 79.51 68 eP 24 43.91 0.4
AFR 80.31 107 iPc 24 48.90 1.1
0.7s 132.70nm 5.9mb
PAE 80.48 107 iPc 24 50.00 1.2
1.0s 132.80nm 5.7mb
PPT 80.50 107 iPc 24 50.00 1.1
1.0s 134.40nm 5.7mb
PPN 80.64 107 iPc 24 50.80 1.2
0.8s 67.70nm 5.5mb
TVO 80.79 107 iPc 24 51.90 1.5
0.9s 172.30nm 5.9mb
KAT 80.82 312 iPc 24 51.00 0.9
e 27 56.00
NRIL 81.42 347 iPc 24 52.70 0.1
PMO 82.33 104 iPc 24 59.80 1.4
0.7s 118.20nm 5.8mb
VAH 82.56 104 iPc 25 00.80 1.2
0.8s 68.80nm 5.6mb
TPT 82.60 104 iPc 25 01.20 1.4
1.2s 160.70nm 5.8mb
SPA 82.65 180 iPc 24 59.30 -0.1
0.5s 39.35nm 5.5mb
Z 19s 1.01um 5.2Msz
RUV 82.81 104 iPc 25 02.00 1.1
0.8s 47.60nm 5.4mb
ILT 83.88 18 iPc 25 04.90 -0.4
1.0s 150.00nm 5.9mb
isP 25 56.00
i 28 21.00
is 35 10.00
isS 36 10.00
iPPS 37 00.00
eSS 40 48.00
ARU 85.03 328 iPc 25 11.33 0.1
SDN 85.64 33 eP 25 13.80 -0.5
0.7s 358.80nm 6.4mb
BAK 85.86 311 iPc 25 18.00 2.2
KER 86.77 305 iPc 25 19.00 -1.6
ANM 86.82 23 eP 25 20.50 0.5
MAK 88.24 314 eP 25 28.00 0.8
GRO 89.56 314 iP+ 25 36.00 2.6
Z 16s 1.00um 5.3MszX
N 18s 1.50um
E 18s 1.50um

SVW 89.84 28 eP 25 34.40 0.0
0.8s 96.90nm 6.0mb
MTA 89.91 312 iP 25 35.60 0.5
0.8s 120.00nm 6.1mb
TTA 90.16 26 ePc 25 35.50 -0.4
1.0s 67.40nm 5.7mb
KDC 90.57 32 eP 25 37.00 -0.7
1.1s 136.70nm 6.0mb
NAI 91.15 269 eP 25 37.50 -4.2X
Z 22s 0.56um 5.0Msz
CP2 91.47 28 eP 25 40.32 -1.8
PYA 91.55 314 eP 25 43.50 0.9
Z 19s 0.50um 5.0Msz
N 19s 1.00um
E 19s 1.00um
e 29 20.00
KIV 91.80 314 iPc 25 43.26 -0.7
3.2s 240.00nm 5.9mb X
Z 21s 0.50um 4.9Msz
e 26 16.37 127kmX
IMA 91.94 24 eP 25 43.20 -1.0
0.5s 12.80nm 5.5mb
SLKM 92.28 29 eP 25 44.18 -1.5
PMR 93.00 28 eP 25 47.70 -1.2
1.0s 84.20nm 6.0mb
Z 20s 0.80um 5.2Msz
BFT 94.06 244 eP 25 56.00 1.1
0.7s 16.00nm 5.5mb
COL 94.13 25 ePc 25 51.95 -2.1
FBA 94.13 25 eP 25 52.60 -1.4
1.1s 34.00nm 5.7mb
KLU 94.51 29 ePc 25 55.08 -0.9
GRM 95.54 236 iPc 26 04.00 2.7
0.7s 50.00nm 6.1mb
SLR 95.61 243 eP 26 01.60 -0.3
0.8s 33.00nm 5.9mb
SNA 95.61 195 e(P) 26 01.20 0.3
0.5s 13.00nm 5.7mb
BALM 96.18 29 eP 26 03.00 -0.7
MOS 96.33 325 eP 26 00.00 -4.3X
e 32 04.00
BLF 96.76 240 eP 26 07.90 0.8
KSR 96.81 243 eP 26 07.50 0.1
0.7s 33.00nm 6.0mb
OBN 96.88 325 iPc 26 06.00 -0.7
1.0s 80.00nm 6.2mb
Z 26s 1.00um 5.2MszX
N 26s 0.50um
E 26s 0.60um
ePPP 32 07.00
eS 37 22.00
eSS 44 00.00
FRS 97.36 239 eP 26 11.20 1.7
BOSA 97.53 240 eP 26 09.40 -0.9
LVZ 98.11 338 eP 26 10.80 -1.3
e 30 15.60
(S) 37 27.80
SIT 99.72 33 eP 26 19.90 0.3
1.0s 34.00nm 5.9mb
SIT 99.72 33 P 26 30.00 10.4X
Z 20s 0.61um 5.1Msz
POF 101.98 238 ePdiff26 33.00 2.6
KAF 102.02 332 iPdiff26 28.00 -1.8
0.5s 18.00nm 6.1mb
NUR 103.03 330 iPdiff26 33.00 -1.3
0.6s 7.30nm 5.7mb
ALE 104.76 1 iPdiff26 41.78 0.2
UPP 106.59 330 iPdiff26 49.10 -1.0
UPP 106.59 330 iPKP 31 09.20 8.8X
MCW 108.07 41 (Pdiff26 57.97 0.9
ARC 108.25 49 ePdiff27 02.42 4.4X
GMW 108.28 42 ePKP 31 04.34 0.3
GMW 108.28 42 ePdiff26 58.65 0.6
DAG 108.40 352 iPdiff26 56.80 -1.1
0.6s 11.33nm 6.2mb
isP 31 30.00
HFS 108.42 331 ePdiff26 56.20 -2.1
0.6s 9.80nm 6.1mb
Z 18s 0.60um 5.2Msz
LR 11 10.00
OKC 108.47 320 e(PKP)31 04.00 -0.3
e 31 35.10
YKA 108.91 26 ePdiff26 59.90 -0.5
0.8s 4.10nm 5.7mb
Z 20s 0.42um 5.0Msz
LR 01 20.00
RMW 108.95 42 ePKP 31 04.83 -0.6

16d 10h

LON 109.07 43 ePKP 31 04.74 -0.9
YBH 109.17 48 ePdiff27 07.62 5.4X
NB2 109.28 333 Pdiff 27 00.70 -1.5
0.7s 4.10nm
WDC 109.45 50 ePdiff27 08.11 4.8X
WDC 109.45 50 PKP 31 20.00 13.6X
Z 20s 0.45um 5.0Msz
ZST 109.45 319 ePKP 31 06.60 0.4
NTYM 109.60 52 ePKP 31 05.06 -1.7
LBFM 109.83 49 ePKP 31 07.52 0.1
VKA 109.95 319 iPKPc 31 07.50 0.3
BCAO 109.96 272 iPKPd 30 48.30 -19.9X
0.7s 12.00nm
VGB 109.99 44 ePKP 31 07.63 0.2
BKS 109.99 52 ePdiff27 11.37 5.5X
Z 21s 0.50um 5.1Msz
eP'P'c31 44.37
ePPc 32 21.37
eSKS 38 33.37
e 40 09.37
eSP 40 48.37
iPS 40 57.37
esS 42 02.37
eSS 46 53.37
esSS 48 31.37
eSSS 50 50.37
esSSS 52 11.37
eLQ 58 27.37
eLR 03 00.37
MIN 110.18 50 ePdiff27 11.73 4.9X
ORV 110.37 51 ePdiff27 11.36 3.9X
ORV 110.37 51 ePKP 31 08.06 -0.2
COE 110.51 53 ePKP 31 08.71 0.1
MHC 110.52 53 ePdiff26 54.19 -14.2X
Z 20s 0.60um 5.2Msz
eSP 40 39.19
ARN 110.61 53 ePKP 31 08.23 -0.6
PTJ 110.66 316 e(PKP)31 08.40 -0.3
PRU 110.72 321 PKP 31 08.20 -0.3
0.6s 9.10nm
ePP 31 50.00
SAO 110.74 54 ePdiff27 04.78 -4.5X
SAO 110.74 54 PKP 31 20.00 11.0X
Z 18s 0.47um 5.1Msz
SAO 110.74 54 ePKPd 31 00.78 -8.2X
Z 20s 0.60um 5.2Msz
ePPc 31 47.78
eS 40 26.78
eLQ 58 17.78
eLR 04 00.78
HVAR 110.80 313 iPKP 31 07.70 -1.2
BRG 110.87 322 iPKP 31 08.80 0.0
0.9s 14.00nm
DPW 111.26 41 ePKP 31 09.36 -0.4
CLL 111.33 322 iPKP 31 09.30 -0.3
0.9s 16.00nm
CMB 111.43 52 PKP 31 20.00 9.7X
Z 21s 0.51um 5.1Msz
GEC2 111.52 320 e(PKP)31 09.70 -0.5
0.6s 15.90nm
GEC2 111.52 320 Pdiff 27 14.60 2.1
0.6s 0.65nm
KHC 111.53 320 ePKP 31 09.50 -0.7
Z 16s 0.30um 5.0MszX
ePP 31 54.50
e 41 28.00
LJU 111.60 317 ePKP 31 10.00 -0.3
e 31 41.00
PHAM 111.69 54 (PKP) 31 10.72 -0.1
NEW 111.87 41 ePKP 31 10.20 -0.6
Z 21s 0.48um 5.1Msz
NEW 111.87 41 ePdiff27 13.15 -0.9
BCH 112.02 55 ePKP 31 12.67 1.1
VOY 112.04 317 ePKP 31 10.00 -1.3
ePP 31 54.00
KBA 112.17 318 iPKPc 31 10.40 -1.2
0.6s 16.60nm
BHG 112.33 319 ePKP 31 10.90 -0.8
MOX 112.36 322 ePKP 31 11.00 -0.6
ABL 112.76 55 ePKP 31 14.09 0.9
GRF 112.87 321 ePKP 31 12.20 -0.5
Z 22s 0.50um 5.0MszX
ePP 32 07.20
e 34 32.50
KVN 113.05 51 ePKP 31 14.36 0.8
FUR 113.25 319 iPKPc 31 13.40 -0.1
0.5s 72.00nm
WTTA 113.26 318 iPKPc 31 12.80 -0.9
0.5s 68.20nm
ISA 113.26 54 PKP 31 20.00 6.1X
Z 19s 0.89um 5.4Msz
WATA 113.28 319 iPKPc 31 12.40 -1.3
SQTA 113.55 318 iPKPc 31 13.20 -1.0
0.5s 13.60nm
MOTA 113.59 319 iPKPc 31 13.00 -1.4
OGA 113.76 318 iPKPc 31 14.50 -0.3
TNP 113.89 52 ePKP 31 15.55 0.2
SSK 114.09 56 ePKP 31 15.52 -0.3
CSP 114.36 56 ePKP 31 16.43 0.2
OSS 114.40 318 ePKPc 31 15.00 -1.0
TNS 114.42 322 ePKPc 31 15.00 -0.7
ed 31 22.60
PEC 114.57 56 ePKP 31 15.13 -1.4
GSC 114.66 55 ePKPc 31 17.32 0.6
PLM 114.89 57 ePKP 31 17.37 0.0
LLS 115.10 319 ePKPc 31 16.30 -1.0
SLE 115.16 320 ePKPc 31 15.50 -1.7
LANF 115.21 321 PKP 31 16.60 -0.6
TMA 115.40 318 ePKPc 31 16.60 -1.3
FEL 115.43 320 PKP 31 16.45 -1.4
APL 115.57 319 ePKPc 31 17.00 -1.0
LRM 115.60 42 ePdiff27 32.60 1.6
LRM 115.60 42 ePKP 31 18.00 -0.4
e 32 16.10
e 34 40.20
CDF 115.73 321 ePKP 31 17.00 -1.3
0.7s 7.70nm
ECH 115.87 320 PKP 31 17.77 -0.7
BBS 115.89 320 PKP 31 16.54 -2.1
MOF 116.00 320 PKP 31 17.45 -1.4
MMK 116.02 318 ePKPc 31 18.70 -0.5
PCP 116.07 316 PKP 31 17.30 -1.7
BSF 116.23 320 ePKP 31 18.20 -1.1
0.7s 49.60nm
PGF 116.28 314 ePKP 31 18.80 -0.8
0.6s 24.10nm
LOMF 116.36 320 PKP 31 18.45 -1.1
DIX 116.38 318 ePKPc 31 19.30 -0.6
FIN 116.39 316 PKP 31 17.25 -2.4
HAU 116.45 320 ePKP 31 18.70 -0.9
0.8s 34.40nm
Z 21s 0.52um 5.1Msz
HVU 116.46 47 ePKP 31 20.02 0.0
PTI 116.47 46 ePKP 31 20.46 0.4
ROB 116.60 316 PKP 31 18.44 -1.6
LSD 116.74 317 PKP 31 19.91 -0.7
RSP 116.77 317 PKP 31 18.58 -1.9
DOU 116.78 323 PKP 31 20.20 0.1
e 42 34.00
SNF 116.81 324 PKP 31 20.30 0.2
DUG 116.82 49 ePKPc 31 20.41 -0.3
Z 20s 0.39um 5.0Msz
eSKP 34 41.77
BHB 116.86 317 PKP 31 18.08 -2.4
ARUT 116.88 51 ePKP 31 21.72 0.8
ENR 116.93 316 PKP 31 18.72 -2.0
STV 116.99 316 PKP 31 18.08 -2.8
AUTN 116.99 316 PKP 31 20.09 -1.0
LPG 117.00 318 ePKP 31 20.50 -0.6
0.7s 30.00nm
LPL 117.01 318 ePKP 31 20.30 -0.7
0.5s 27.55nm
RSL 117.03 318 PKP 31 20.12 -0.9
SBF 117.03 316 ePKP 31 20.00 -0.9
0.5s 14.95nm
PZZ 117.07 316 PKP 31 18.99 -2.1
AURF 117.09 316 PKP 31 20.09 -1.0
RRL 117.16 317 PKP 31 19.95 -1.4
AKU 117.24 345 iPKP 31 22.70 2.2
0.9s 20.17nm
SURF 117.27 317 PKP 31 21.20 -0.3
CALN 117.44 316 PKP 31 20.67 -1.1
CHDN 117.65 316 ePKPd 31 21.50 -0.6
FRF 117.66 316 ePKP 31 21.20 -0.8
0.9s 27.20nm
MSU 117.69 50 ePKP 31 23.11 0.5
eSKP 34 44.35
GRN 117.75 318 PKP 31 21.62 -0.7
LMR 117.82 315 ePKP 31 21.60 -0.7
1.0s 22.20nm
LRG 117.89 316 ePKP 31 21.90 -0.5
0.9s 33.25nm
Z 25s 0.30um 4.8MszX
DAU 117.92 48 ePKP 31 22.53 -0.5
LOR 118.29 320 ePKP 31 22.40 -0.7
0.7s 19.40nm
Z 21s 0.38um 5.0Msz
LBF 118.31 320 ePKP 31 22.50 -0.7
0.5s 17.85nm
EMUT 118.40 49 ePKP 31 23.90 0.0
eSKP 34 44.96
BW06 118.48 45 ePKP 31 23.24 -0.7
eSKP 34 44.49
SMF 118.52 320 ePKP 31 22.60 -1.0
0.5s 14.15nm
SSF 118.59 320 ePKP 31 23.20 -0.5
0.6s 41.85nm
AVF 118.78 320 ePKP 31 23.20 -0.8
0.6s 24.80nm
SRU 118.80 49 ePKP 31 23.87 -0.7
PLDF 118.91 319 PKP 31 23.91 -0.5
HYF 119.06 321 ePKP 31 24.50 -0.1
BGF 119.19 320 ePKP 31 24.60 -0.2
0.5s 59.20nm
AGO 119.20 319 PKP 31 24.07 -0.8
PYM 119.39 319 PKP 31 24.80 -0.5
LBL 119.42 318 PKP 31 25.19 -0.2
MAF 119.50 320 ePKP 31 24.90 -0.6
0.6s 13.10nm
TCF 119.70 320 ePKP 31 25.50 -0.4
0.6s 25.50nm
PV09 120.01 50 ePKP 31 27.24 0.2
PV10 120.11 50 ePKPc 31 26.95 -0.3
eSKP 34 49.19
LSF 120.15 320 ePKP 31 26.00 -0.7
1.0s 33.40nm
LDF 120.21 323 ePKP 31 26.10 -0.6
0.9s 27.70nm
CAF 120.31 318 ePKP 31 27.00 -0.1
0.9s 40.95nm
FLN 120.35 323 ePKP 31 26.40 -0.5
1.0s 27.60nm
Z 24s 0.68um 5.2MszX
PV08 120.35 49 ePKP 31 28.32 0.5
RJF 120.53 319 ePKP 31 27.00 -0.4
1.0s 18.80nm
Z 23s 0.35um 4.9MszX
PERF 120.63 315 PKP 31 26.59 -1.1
MTHF 120.71 316 PKP 31 27.34 -0.5
GRR 120.74 323 ePKP 31 26.90 -0.8
0.9s 26.35nm
LPO 120.98 318 ePKP 31 28.40 0.1
0.8s 39.50nm
LPF 121.01 323 ePKP 31 27.80 -0.4
0.6s 28.75nm
MFF 121.07 321 ePKP 31 27.90 -0.5
0.7s 51.15nm
LFF 121.17 319 ePKP 31 28.50 -0.1
0.8s 38.15nm
TRGS 121.25 316 PKP 31 28.60 -0.5
ESEL 121.49 312 ePKP 31 28.57 -0.8
LESF 121.53 316 PKP 31 28.80 -0.6
PAND 121.53 316 PKP 31 29.19 -0.5
EPF 122.17 317 ePKP 31 30.30 -0.4
0.8s 26.85nm
GOL 122.44 47 ePKP 31 31.42 -0.2
GLD 122.54 47 ePKP 31 31.66 0.0
Z 19s 0.92um 5.4Msz
EROQ 122.93 314 ePKP 31 31.70 -0.4
EGRA 122.94 316 ePKP 31 31.03 -1.0
ALQ 123.03 53 ePKPc 31 32.77 0.0
Z 21s 0.10um 4.5Msz
eSKP 34 55.25
ECRI 124.27 317 ePKP 31 34.84 0.0
ECHE 124.36 313 ePKP 31 35.04 0.0
ETOR 124.67 315 ePKP 31 35.84 0.2
EVIA 125.82 313 ePKP 31 42.52 4.5X
ENIJ 126.20 311 ePKP 31 38.36 -0.3
GUD 126.20 316 ePKP 31 39.33 0.6
0.8s 0.10nm
PAB 126.79 315 iPKPc 31 39.40 -0.4
ePP 33 45.00
EBAN 126.93 313 ePKP 31 41.04 1.0
EMON 127.05 320 ePKP 31 40.61 0.5
EGUA 127.27 311 ePKP 31 40.20 -0.5
ERON 127.38 311 ePKP 31 40.29 -0.8
ELUQ 127.51 312 ePKP 31 40.88 -0.3
ELOJ 127.59 312 ePKP 31 40.84 -0.6
EPLA 127.78 316 ePKP 31 42.52 0.9
MVO 127.93 318 ePKP 31 43.20 1.3
ACO 128.09 49 iPKPc 31 34.00 -8.3X

EHOR 128.13 313 ePKP 31 43.20 0.9
EPRU 128.45 312 ePKP 31 43.72 0.7
MTE 128.62 317 ePKP 31 44.00 0.8
e 34 53.60
EJIF 128.83 311 ePKP 31 44.72 1.1
ALJ 128.84 312 ePKP 31 45.50 1.7
GIBL 129.04 312 ePKP 31 46.50 2.4
MOMI 129.07 311 ePKP 31 45.50 1.4
WMOK 129.09 51 ePKPc 31 43.30 -1.0
Z 21s 0.82um 5.4Msz
WMOK 129.09 51 ePKP 31 27.46 -16.8X
PLAT 129.17 311 ePKP 31 46.50 2.1
MEO 129.22 51 iPKPc 31 30.30 -14.2X
CNIL 129.29 312 ePKP 31 46.00 1.5
MOE 130.04 315 ePKP 31 46.60 0.7
e 34 54.40
FIG 130.30 313 ePKP 31 47.60 1.2
e 34 55.70
SIO 130.57 49 iPKPc 31 47.80 0.8
TUL 130.89 48 iPKPd 31 45.50 -2.1
JFWS 131.14 37 ePKP 31 47.36 -0.5
Z 20s 0.28um 5.0Msz
eSKP 34 57.34
JFWS 131.14 37 ePKP 31 29.31 -18.6X
VVO 131.17 49 iPKPd 31 48.80 0.7
TIO 132.23 305 iPKP 31 51.00 0.5
MIAR 133.11 49 ePKP 31 52.45 0.6
Z 20s 0.57um 5.3Msz
iSKP 35 05.71
MIAR 133.11 49 (PKP) 31 42.46 -9.4X
KIC 133.21 272 PKP 31 38.47 -14.2X
0.6s 5.00nm
TYS 133.35 42 ePKP 31 52.04 -0.1
LIC 133.48 272 PKP 31 38.89 -14.2X
0.5s 4.50nm
Z 20s 0.38um 5.1Msz
TIC 133.51 272 PKP 31 38.99 -14.2X
0.6s 6.50nm
FVM 133.73 43 ePKP 31 52.41 -0.5
Z 19s 0.98um 5.5Msz
eSKP 35 06.75
FVM 133.73 43 ePKP 31 39.47 -13.5X
LST 134.95 44 ePKP 31 54.86 -0.4
GRT 135.30 44 (PKP) 31 54.86 -1.1
WLVO 136.85 28 PKP 31 46.62 -12.0X
YSNY 137.88 30 ePKP 32 00.01 -0.7
Z 21s 0.37um 5.1Msz
YSNY 137.88 30 ePKP 31 52.26 -8.5X
RSNY 138.05 24 ePKP 31 49.27 -11.7X
CBM 138.21 17 (PKP) 31 54.28 -6.8X
Z 20s 0.35um 5.1Msz
BINY 139.30 28 ePKP 32 02.97 -0.3
Z 20s 0.36um 5.1Msz
eSKP 35 23.38
BINY 139.30 28 ePKP 31 53.38 -9.9X
LBNH 139.33 22 ePKP 31 53.11 -10.1X
Z 20s 0.29um 5.0Msz
MYNC 139.56 42 PKP 32 10.00 6.0X
Z 21s 0.52um 5.3Msz
NAV 140.29 37 ePKP 31 56.52 -8.7X
eSKP 35 25.35
BLA 140.58 37 ePKP 31 56.92 -8.8X
eSKP 35 03.61
HRV 140.95 23 ePKP 31 57.18 -9.0X
Z 20s 0.33um 5.1Msz
LSCT 140.95 26 ePKP 31 56.29 -9.9X
CRNY 141.11 26 ePKP 32 06.07 -0.4
CRNY 141.11 26 ePKP 31 58.54 -7.9X
CVL 141.19 34 ePKP 31 58.74 -8.0X
PRM 141.32 42 ePKP 31 59.32 -7.8X
eSKP 35 29.43
JSC 141.93 41 ePKP 32 01.92 -6.3X
iSKP 35 31.11
LHS 142.10 41 ePKP 32 01.11 -7.4X
CEH 142.26 37 PKP 32 20.00 11.3X
Z 20s 0.18um 4.8Msz
UFRS 142.76 181 ePKP 32 06.00 -3.8X
e 32 07.20
SGS 143.09 42 ePKP 32 07.41 -2.8
eSKP 35 34.46
HBF 143.33 42 ePKP 32 08.00 -2.6
MBO 145.04 284 iPKP 32 13.70 -0.3
MOCB 148.49 155 PKP 32 21.00 0.9
NNA 148.58 128 ePKP 32 23.24 3.4X
0.9s 147.06nm
ARE 149.37 141 ePKP 32 22.00 0.7
VAO 149.42 189 ePKP 32 22.90 1.9

e 32 26.40
LPB 151.32 146 PKP 32 25.90 1.5
LPAZ 151.50 146 PKP 32 25.50 0.6
CCH 151.64 150 PKP 32 31.70 7.0X
SIV 155.05 159 PKP 32 29.40 0.3
BDFB 156.80 189 ePKP 32 32.07 0.5
ePKPab32 59.72
BAO 156.80 190 PKPd 32 30.70 -0.9
ITR 159.09 220 ePKP 32 34.30 0.1
e 32 44.20
e 33 11.90
SJG 162.48 51 ePKP 32 36.92 -0.6
ePKPab33 24.92
CAR 164.81 77 iPKPd 32 40.00 0.0
S.D. = 1.1 on 402 of 473 obs.

JUN 16, 1994 10h 20m 31.35± 0.61s
35.180 N ± 5.7km 3.950 W ± 5.4km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
MD 3.9 (RBA). mbLg 3.6 (MDD).

EMEL 0.82 81 iPc 20 49.20 2.0
eS 21 00.80
TAF 1.31 106 iPn 20 58.00 2.3
iSn 21 19.00
i 21 20.00
EMAL 1.63 346 iP 20 59.41 -0.7
eS 21 19.50
EGUA 1.68 11 iPc 20 59.72 -1.2
eS 21 21.90
PLAT 1.75 303 iP 21 04.70 2.8
EJIF 1.77 316 eP 21 02.28 0.1
eS 21 23.90
MOMI 1.84 309 iP 21 05.80 2.6
ERON 1.84 4 eP 21 02.48 -0.9
eS 21 25.60
IFR 1.92 211 iPn 21 05.50 0.9
i 21 07.00
iSn 21 29.00
ELOJ 1.97 355 eP 21 04.74 -0.5
eS 21 28.60
ALJ 2.01 318 iP 21 07.20 1.5
EPRU 2.06 330 eP 21 06.61 0.1
eS 21 30.80
CNIL 2.08 305 iPd 21 07.90 1.2
eS 21 33.60
ECOG 2.12 8 eP 21 07.94 0.6
eS 21 32.60
ENIJ 2.28 38 eP 21 08.67 -0.9
eS 21 37.10
GIBL 2.31 316 iP 21 11.30 1.2
eS 21 40.00
ELUQ 2.39 354 eP 21 12.45 1.2
eS 21 38.50
RBA 2.66 245 iPn 21 13.00 -1.9
eSn 21 42.00
e 21 46.50
EHOR 2.84 339 iPc 21 16.48 -1.0
eS 21 49.70
EHUE 2.85 22 eP 21 18.57 0.8
eS 21 50.40
EBAN 2.98 2 eP 21 19.45 -0.1
eS 21 52.90
EVAL 3.29 318 eP 21 22.53 -1.5
EALH 3.36 37 eP 21 23.65 -1.3
eS 22 01.20
AVE 3.43 238 ePn 21 24.00 -1.9
eSn 22 02.00
e 22 14.00
EVIA 3.64 18 eP 21 29.29 0.3
eS 22 09.40
PAB 4.37 356 iPn 21 39.00 -0.3
iPb 21 43.70
iPg 21 52.00
eSn 22 28.40
iSb 22 43.00
TIO 5.07 214 iPn 21 48.00 -1.3
iSn 22 45.50
EPLA 5.16 342 eP 21 48.42 -2.1X
eS 22 45.80
GUD 5.46 358 eP 21 53.57 -1.2
eS 22 52.70
ETOR 5.83 14 eP 21 59.54 -0.4
eS 23 01.50
ESEL 7.11 48 eP 22 16.63 -1.3
GEC2 18.87 38 P 24 52.70 -1.2

0.5s 0.66nm 3.1mb
e 24 54.00
e 24 58.80
e 25 00.90
S.D. = 1.4 on 31 of 32 obs.

% JUN 16, 1994 10h 29m 15.90± 0.77s
39.144 N ± 6.3km 27.478 E ± 8.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.76 193 ePg 29 30.80 -0.1
eSg 29 42.30
DST 1.00 62 ePn 29 35.10 0.2
EZN 1.12 308 ePn 29 37.00 0.1
EDC 1.24 14 ePn 29 39.00 0.1
BNT 1.26 16 ePn 29 39.00 -0.3
KCT 1.29 31 ePn 29 39.80 -0.1
S.D. = 0.2 on 6 of 6 obs.
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* JUN 16, 1994 10h 31m 41.04± 1.08s
38.669 N ± 9.7km 21.004 E ±11.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 3.2 (ATH).

VLS 0.59 214 ePn 31 53.00 0.0
IGT 1.01 329 ePg 31 59.52 -0.6
eSg 32 15.44
AGG 1.09 71 ePb 32 01.48 -0.1
eSb 32 18.68
KEK 1.40 318 ePn 32 09.20 2.6X
eSn 32 28.80
KZN 1.74 20 ePn 32 09.70 -1.8
OHR 2.44 356 ePn 32 23.00 1.3
GRG 2.53 25 ePn 32 24.00 1.2
SKO 3.32 6 ePn 32 40.40 6.4X
S.D. = 1.5 on 6 of 8 obs.

JUN 16, 1994 10h 49m 36.39± 0.69s
40.609 N ± 6.3km 23.015 E ± 5.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE 0.04 301 ePg 49 38.06 -0.4
iSg 49 39.54
SOH 0.33 50 iPg 49 42.98 -0.3
eSg 49 47.86
KNT 0.56 351 iPg 49 47.57 -0.2
eSg 49 55.66
GRG 0.58 307 ePg 49 48.18 0.0
eSg 49 55.94
SRS 0.67 41 ePg 49 49.70 0.0
eSg 49 59.06
OUR 0.79 110 ePg 49 52.06 0.4
eSg 50 02.66
VAY 0.79 335 eP 49 52.40 0.7
PAIG 0.85 143 ePg 49 52.62 -0.1
eSg 50 05.02
S.D. = 0.4 on 8 of 8 obs.

JUN 16, 1994 11h 15m 19.70± 1.00s
41.669 N ± 9.0km 22.327 E ± 5.8km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.2 (SKO).

VAY 0.39 152 iPg 15 28.00 0.4
0.4s 170.00nm
iSg 15 33.60
KNT 0.66 140 ePg 15 32.94 -0.1
eSg 15 42.20
GRG 0.71 175 ePg 15 33.60 -0.4
eSg 15 42.12
SKO 0.73 295 ePg 15 34.00 -0.3
SRS 1.10 120 ePg 15 40.76 -0.1
eSg 15 55.48
FNA 1.14 219 ePg 15 40.92 -0.6
SOH 1.15 137 ePg 15 41.76 0.1
iSg 15 57.48
OHR 1.28 245 ePn 15 44.80 0.9
S.D. = 0.6 on 8 of 8 obs.

? JUN 16, 1994 11h 28m 15.28± 2.55s
14.642 S ±22.6km 72.858 W ±21.2km
DEPTH = 116.3 ± 33.4 km

4.6mb (6 obs.)
CENTRAL PERU (116)
Some people homeless, damage and
landslides in the Cotaruse area.

ARE 2.24 144 iPc 28 51.50 -0.9
LPAZ 4.84 110 P 29 27.90 0.1
LPB 4.96 113 P 29 31.90 2.7
S 31 06.00
CCH 7.02 114 P 29 58.00 0.7
MOCB 9.51 135 P 30 30.50 -0.6
SIV 11.45 98 P 30 54.00 -2.5
BOG 19.18 356 eP 32 34.00 1.1
eS 36 24.00
JSC 49.30 351 eP 36 54.80 0.5
LHS 49.43 351 (P) 36 55.63 0.4
MIAR 52.73 338 eP 37 18.29 -1.9
0.9s 6.90nm 4.6mb
LTX 52.88 326 eP 37 19.94 -1.5
0.8s 5.89nm 4.6mb
YSNY 57.07 355 (P) 37 51.07 -0.4
0.9s 13.81nm 5.0mb
ALQ 58.73 328 eP 38 02.23 -1.2
0.7s 2.40nm 4.4mb
JFWS 59.46 345 (P) 38 06.64 -1.4
PV09 62.83 329 (P) 38 30.93 -0.3
PLM 63.56 320 eP 38 37.50 1.6
SRU 64.00 328 (P) 38 36.42 -2.3
MSU 64.42 327 ePc 38 42.20 0.7
DAU 65.35 329 eP 38 48.84 1.3
TPNV 65.60 323 eP 38 49.92 0.9
DUG 65.99 327 eP 38 51.68 0.2
1.1s 10.45nm 4.7mb
MEMM 67.67 322 (P) 39 01.98 0.1
HHAI 68.07 330 (P) 39 02.95 -1.5
ORV 70.42 322 eP 39 20.37 1.6
GMW 76.27 328 (P) 39 53.97 1.3
YKA 83.52 342 eP 40 32.50 1.5
1.0s 2.80nm 4.1mb
WRA 136.45 219 PKP 47 34.50 8.6X
0.8s 1.50nm
GBA 151.18 88 PKP 48 05.00 14.0X
S.D. = 1.5 on 26 of 28 obs.

? JUN 16, 1994 11h 47m 52.30± 6.25s
40.215 N ±28.4km 30.222 E ±38.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

EYL 0.35 352 iPn 47 59.80 0.2
IZI 0.59 282 ePn 48 04.90 0.7
YLV 0.74 299 ePn 48 06.00 -0.8
HRT 0.74 325 ePn 48 06.80 0.0
KCT 1.43 272 ePn 48 17.90 -0.4
S.D. = 0.8 on 5 of 5 obs.

JUN 16, 1994 12h 07m 15.70± 0.91s
46.384 N ± 7.0km 15.038 E ± 7.7km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 3.3 (LJU).

LJU 0.49 226 ePg 07 25.50 -0.1
eSg 07 32.30
CEY 0.77 214 ePg 07 30.50 -0.3
eSg 07 42.40
PTJ 0.80 127 iP 07 31.10 -0.2
VOY 0.87 247 e(Pg) 07 32.30 -0.2
i 07 34.60
eSn 07 47.50
e 07 50.30
VBY 0.89 170 ePg 07 32.80 0.0
i 07 34.60
iSn 07 46.20
TRI 1.11 233 ePg 07 38.00 1.4
eSg 07 54.00
KBA 1.36 301 iPnd 07 41.60 0.8
i 08 02.00
ZST 2.29 37 e(Pn) 08 17.90 23.8X
WTTA 2.50 292 i(Pn) 07 55.00 -2.2
GEC2 2.62 340 Pn 07 59.70 0.8
S.D. = 1.2 on 9 of 10 obs.

% JUN 16, 1994 12h 30m 01.92± 0.79s
26.354 S ± 6.2km 27.508 E ± 8.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.4 (PRE).

PRY 0.57 183 eP 30 13.00 -0.4
S 30 19.60
KSR 0.73 311 eP 30 17.00 0.4
S 30 26.00
SLR 0.93 49 eP 30 20.00 -0.2
S 30 32.50
SEK 1.96 177 eP 30 37.10 0.7
S 31 01.10
SWZ 2.12 247 eP 30 37.70 -0.9
S 31 05.90
BOSA 2.92 219 eP 30 50.30 0.5
S 31 24.00
S.D. = 0.8 on 6 of 6 obs.

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* JUN 16, 1994 12h 48m 45.72± 0.56s
10.650 S ± 8.2km 113.475 E ±12.2km
DEPTH = 33.0km (normal)
5.0mb (6 obs.) 4.4Msz (1 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.10 43 eP 49 32.00 -1.4
eS 50 08.10
e 57 55.00
LEM 6.92 303 ePd 50 29.50 1.8
eS 52 50.00
NANU 12.01 171 iPc 51 35.00 -2.6
iS 53 42.00
MBL 12.10 150 eP 51 35.00 -3.9X
0.3s 7.00nm 5.3mb
eS 53 38.00
MEEK 16.63 164 eP 52 36.70 -1.3
eS 55 26.00
MRWA 18.62 173 eP 53 02.30 -0.5
eS 56 19.00
IPM 19.56 320 ePc 53 13.80 -0.1
WARB 19.84 143 eP 53 18.00 1.1
WOOL 21.73 161 eP 53 36.70 0.5
eS 57 30.30
WB2 22.13 117 iPd 53 40.90 0.6
0.6s 9.90nm 4.4mb
ASPA 23.38 126 iPd 53 54.30 1.8
0.7s 32.10nm 4.9mb
eS 58 11.30
LOE 30.20 337 eP 54 54.00 -1.5
CHTO 32.60 334 eP 55 16.70 0.1
STKA 33.48 133 iPc 55 25.30 1.1
1.5s 19.80nm 4.8mb
KMI 37.06 344 eP 55 54.00 -1.0
1.6s 60.00nm 5.2mb
pP 56 02.20 28kmX
LZH 47.36 349 eP 57 18.50 -0.3
1.8s 33.00nm 5.0mb
Z 15s 0.36um 4.5MszX
N 14s 0.35um
sP 57 25.00
BJI 50.49 3 eP 57 50.00 7.4X
Z 20s 0.36um 4.4Msz
MIAR 145.72 42 ePKP 08 24.57 1.6
e 08 31.07
S.D. = 1.4 on 16 of 18 obs.

JUN 16, 1994 13h 01m 18.36± 0.66s
39.430 N ± 5.8km 27.885 E ± 5.2km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 3.1 (ISK).

DST 0.60 73 iPg 01 30.30 -0.1
iSg 01 38.90
KCT 0.89 24 ePg 01 36.70 0.7
EDC 0.92 359 iPg 01 36.00 -0.3
eSg 01 49.00
BNT 0.93 2 iPg 01 35.80 -0.7
IZM 1.14 205 ePg 01 39.90 -0.3
eSg 01 55.20
EZN 1.27 289 iPn 01 42.10 -0.2
MFT 1.43 341 ePn 01 45.20 0.1
IZI 1.52 53 ePn 01 46.80 0.5
YLV 1.61 45 ePn 01 47.80 0.2
CTT 1.77 13 ePn 01 49.20 -0.6
ALN 2.03 317 iP 01 55.10 1.5
eS 02 22.94
DMK 2.39 358 ePn 01 58.00 -0.8
S.D. = 0.7 on 12 of 12 obs.

? JUN 16, 1994 13h 06m 00.88± 4.68s
5.681 S ±34.8km 147.270 E ±56.1km
DEPTH = 182.1 ± 12.9 km
4.5mb (2 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

LAT 1.01 195 iPc 06 29.80 0.7
YYYY 1.41 247 eP 06 33.00 0.3
MDG 1.54 286 eP 06 33.40 -0.3
PMG 3.70 182 iPd 06 58.00 -0.9
eS 07 42.00
WWKK 4.17 299 eP 07 04.70 -0.2
WB2 18.94 220 iPd 10 09.80 -0.7
0.6s 8.60nm 4.4mb
ASPA 22.03 214 eP 10 42.50 1.1
0.4s 8.40nm 4.6mb
eS 14 34.80
S.D. = 1.0 on 7 of 7 obs.

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* JUN 16, 1994 13h 56m 17.43± 0.87s
0.066 S ± 4.0km 123.097 E ± 6.7km
DEPTH = 173.3 ± 10.7 km
5.1mb (16 obs.)
MINAHASSA PENINSULA, SULAWESI (265)

TSM 6.78 310 eP 57 54.50 -1.1
CTB 7.30 9 ePd 58 02.00 -0.5
DAV 7.52 19 ePc 58 06.70 1.3
1.2s 312.50nm 5.6mb
CGP 8.61 11 eP 58 23.00 3.2X
BIP 8.81 21 ePc 58 22.50 0.0
PGP 13.65 351 eP 59 28.00 2.9X
MTN 14.99 148 eP 59 42.00 0.1
0.4s 63.00nm 5.3mb
BAG 16.56 351 eP 00 01.40 0.0
LEM 16.84 246 ePc 00 06.00 1.2
CVP 17.70 356 eP 00 15.00 0.3
WWKK 20.82 100 eP 00 47.40 0.6
MBL 21.21 188 eP 00 50.50 -0.1
0.4s 14.00nm 4.8mb
IPM 22.53 282 ePd 01 07.00 3.5X
0.8s 34.40nm 4.9mb
WB2 22.62 151 iPd 01 03.70 -0.7
0.5s 62.50nm 5.4mb
NANU 23.54 198 iPc 01 13.80 0.5
0.7s 60.00nm 5.3mb
SNG 23.55 288 iPd 01 18.00 4.6X
1.0s 100.00nm 5.3mb
ASPA 25.70 157 iPc 01 32.50 -0.9
0.6s 25.40nm 5.0mb
epP 02 03.00 148kmX
iPcP 04 59.70
WARB 26.19 173 eP 01 37.00 -0.8
MEEK 26.77 189 eP 01 42.30 -0.8
LOE 27.28 311 eP 01 49.00 1.3
MRWA 29.77 193 iPc 02 09.30 -0.6
0.3s 11.00nm 5.1mb
WOOL 30.89 182 iPd 02 18.30 -1.3
FORT 30.91 172 eP 02 19.00 -0.8
BAL 30.97 191 iPc 02 19.80 -0.6
0.4s 16.00nm 5.1mb
KLB 31.76 189 iPc 02 26.20 -1.0
0.5s 11.00nm 4.8mb
MUN 32.40 191 eP 02 32.30 -0.5
NWAO 33.15 189 iPd 02 39.20 -0.1
0.4s 5.00nm 4.6mb
RKG 34.79 189 eP 02 54.30 1.0
TKSJ 35.40 16 eP 02 57.40 -1.0
WKYJ 36.06 18 P 03 03.20 -0.9
STKA 36.16 153 eP 03 04.30 -0.5
0.7s 39.40nm 5.2mb
iPcP 05 27.00
YONJ 36.38 14 P 03 06.30 -0.4
MAT 39.03 19 eP 03 27.00 -1.8
0.9s 9.24nm 4.5mb
LZH 40.18 336 eP 03 40.80 2.4
1.5s 24.00nm 4.6mb
ARMA 40.58 141 iPc 03 42.70 1.0
0.5s 28.00nm 5.1mb
YAMJ 41.13 20 eP 03 45.40 -0.5
BWA 41.60 148 iPc 03 51.90 2.0
OFUJ 42.52 22 eP 03 56.90 -0.4
CAN 42.59 148 iPc 03 59.10 1.2
TOO 42.66 153 eP 03 59.70 1.2
CNB 42.77 148 eP 04 00.80 1.3
GBA 47.21 289 P 04 35.00 0.0

NOUC 47.44 120 iPc 04 36.50 -0.1
DZM 47.55 120 iPd 04 37.90 0.3
S.D. = 1.0 on 40 of 44 obs.

? JUN 16, 1994 13h 57m 05.89± 5.81s
32.129 S ±49.5km 71.083 W ±18.7km
DEPTH = 70.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.5 (SAN).

JACH 0.69 143 iPd 57 20.73 -0.3
iS 57 32.40
ROCH 0.84 176 iP+ 57 22.89 0.0
iS 57 35.76
PEL 1.07 162 iPd 57 25.67 0.1
iS 57 40.46
FCH 1.37 151 iP 57 30.10 0.3
iS 57 47.88
LCCH 1.40 197 iP+ 57 30.67 0.7
iS 57 50.01
TACH 1.53 175 iP 57 32.04 0.4
iS 57 51.95
PCH 1.56 162 iPd 57 32.25 0.0
iS 57 52.86
CHCH 1.84 169 iP 57 35.70 -0.2
iS 57 58.76
LNV 1.84 189 iP+ 57 35.35 -0.6
LNV 1.84 189 iP 57 35.36 -0.5
iS 57 59.78
S.D. = 0.5 on 10 of 10 obs.

& JUN 16, 1994 14h 33m 32.22s
33.530 N 116.472 W
DEPTH = 1.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

PLM 0.37 242 iPd 33 39.87 0.2
PEC 0.68 302 eP 33 44.78 -1.0
eS 33 53.79
CSP 1.06 316 ePd 33 52.07 -1.1
eS 34 05.66
SSK 1.22 304 eP 33 54.35 -1.6
eS 34 09.99
4 obs. associated

? JUN 16, 1994 14h 39m 02.10± 0.82s
10.596 S ±18.3km 113.328 E ±50.1km
DEPTH = 37.0km (2 depth phases)
4.4mb (3 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.77 303 ePc 40 53.00 11.1X
NANU 12.08 170 eP 41 53.30 -1.5
iS 44 00.00
MBL 12.22 150 eP 41 56.00 -0.7
0.3s 4.00nm 5.0mb X
eS 44 02.00
MEEK 16.72 163 eP 42 57.00 1.7
eS 45 49.00
MRWA 18.69 173 eP 43 20.30 0.5
iS 46 36.00
WARB 19.97 143 eP 43 40.00 5.7X
WOOL 21.83 160 eP 43 58.20 5.0X
eS 47 44.80
WB2 22.28 117 iPc 44 05.40 7.6X
0.7s 10.10nm 4.4mb
i 44 16.00 41km
ASPA 23.53 126 iPc 44 18.00 8.0X
1.0s 9.10nm 4.2mb
eS 48 40.90
LOE 30.09 337 eP 45 10.00 -0.6
CHTO 32.48 334 eP 45 31.50 -0.1
KMI 36.97 344 eP 46 10.80 0.6
1.2s 20.00nm 4.9mb
pP 46 20.70 33km
S.D. = 1.3 on 7 of 12 obs.

% JUN 16, 1994 15h 14m 18.12± 0.69s
26.363 S ± 6.1km 27.349 E ± 7.0km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.6 (PRE).

PRY 0.57 169 eP 14 28.70 -0.9
S 14 34.70
KSR 0.64 321 eP 14 30.90 -0.1
S 14 40.50
SLR 1.05 54 eP 14 37.70 -0.7
S 14 49.00
SEK 1.97 173 eP 14 53.00 0.4
S 15 16.80
SWZ 1.98 245 eP 14 52.30 -0.6
S 15 10.10
BFT 2.52 75 eP 15 01.50 1.0
S 15 31.50
NWL 2.69 121 eP 14 55.40 -7.5X
S 15 37.70
BOSA 2.82 217 eP 15 05.70 1.0
S 15 42.00
S.D. = 1.0 on 7 of 8 obs.

JUN 16, 1994 15h 32m 21.87± 0.64s
35.247 N ± 6.0km 3.916 W ± 6.5km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
MD 3.3 (RBA). mbLg 3.3 (MDD).

EMEL 0.79 86 eP 32 38.36 1.2
eS 32 49.40
TAF 1.31 109 iPn 32 46.50 0.4
i 32 49.50
iSn 33 05.00
i 33 09.00
EGUA 1.61 10 eP 32 49.00 -1.4
eS 33 09.80
PLAT 1.73 301 iP 32 54.50 2.2
EJIF 1.74 314 eP 32 53.27 0.9
eS 33 14.10
ERON 1.77 3 iPd 32 52.00 -0.9
eS 33 13.80
ELOJ 1.91 354 eP 32 54.91 0.1
eS 33 16.80
ALJ 1.98 317 iP 32 58.50 2.7
IFR 2.00 210 iPn 32 57.00 0.8
i 33 00.00
iSn 33 19.00
EPRU 2.02 329 eP 32 55.84 -0.5
eS 33 20.50
ECOG 2.05 8 eP 32 56.74 -0.1
eS 33 21.50
ENIJ 2.21 38 eP 32 59.40 0.3
eS 33 24.90
ELUQ 2.33 353 eP 32 59.24 -1.6
eS 33 28.10
EHUE 2.78 22 eP 33 06.82 -0.4
eS 33 38.60
EHOR 2.79 338 eP 33 06.13 -1.2
eS 33 37.80
AVE 3.49 237 ePn 33 15.50 -1.7
i 33 25.00
iSn 33 54.00
i 33 58.00
EVIA 3.57 18 eP 33 19.01 0.5
eS 33 57.20
TIO 5.14 214 iPn 33 39.50 -1.4
iSn 34 35.50
S.D. = 1.4 on 18 of 18 obs.

% JUN 16, 1994 15h 32m 55.27± 0.72s
26.861 S ± 7.2km 26.631 E ± 7.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.3 (PRE).

BFS 0.14 105 iPc 32 57.00 -1.3
S 32 57.30
KSR 1.02 14 eP 33 15.00 -0.2
S 33 27.50
SWZ 1.21 254 eP 33 17.90 -0.4
S 33 34.50
SEK 1.70 149 eP 33 27.00 1.1
S 33 48.40
SLR 1.86 53 eP 33 29.00 0.8
S 33 51.50
BOSA 2.05 211 eP 33 31.00 0.2
S 33 56.00
BLF 2.27 190 eP 33 34.00 -0.2
S 33 58.00
S.D. = 1.0 on 7 of 7 obs.

& JUN 16, 1994 16h 24m 27.52s
34.268 N 116.402 W
DEPTH = 3.4km
4.5mb (10 obs.) 4.2Msz (1 obs.)
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 5.0 (PAS), 5.3
(BRK). Felt (V) at Yucca Valley;
(IV) at Banning, Indio, Morongo
Valley and Twentynine Palms;
(III) at Cabazon, Calimesa,
Ontario, Mentone and
Pioneertown. Also felt at Big
Bear Lake, Palm Desert and Palm
Springs.

EWC 0.33 177 P 24 34.31 0.2
PSP 0.49 194 P 24 37.04 -0.2
CFT 0.63 249 P 24 40.06 -0.1
PEC 0.73 239 iPc 24 41.22 -0.9
CSP 0.79 272 iPc 24 42.19 -1.2
GRP 0.85 51 P 24 43.50 -0.9
HOD 0.90 310 P 24 44.64 -0.8
PLM 0.99 203 ePd 24 45.98 -1.0
ELS 1.05 234 P 24 46.54 -1.5
SSK 1.07 267 iPc 24 47.38 -1.0
GSC 1.08 342 iPd 24 47.65 -0.9
BRGC 1.11 170 P 24 48.40 -0.6
JULC 1.23 188 P 24 50.52 -0.6
LTC 1.35 125 P 24 51.24 -1.9
TCC 1.36 259 P 24 53.29 0.0
GVRC 1.44 262 P 24 54.43 -0.1
LEOC 1.61 284 P 24 56.04 -1.0
ERPC 1.64 158 P 24 59.66 2.4
DBM 1.76 294 P 24 57.59 -1.6
SNDC 1.79 300 P 24 59.02 -0.6
TOW 1.90 324 P 25 00.33 -0.8
EMSC 1.93 142 P 25 00.57 -0.9
PYR 1.96 279 P 25 02.12 0.1
PLT 2.07 137 P 25 01.34 -2.2
WORM 2.08 314 P 25 01.80 -1.9
TEJ 2.11 298 P 25 06.61 2.4
WCHM 2.12 320 P 25 02.57 -1.9
WHFM 2.14 312 P 25 03.03 -1.6
ISA 2.20 310 ePnc 25 03.21 -2.3
ePg 25 08.25
eS 25 37.27
LOK 2.27 282 P 25 05.28 -1.3
ABL 2.40 285 eP 25 06.04 -2.5
RYS 2.47 280 P 25 08.93 -0.5
MARC 2.53 288 P 25 08.43 -1.7
TPNV 2.68 3 ePnd 25 10.86 -1.6
CRGC 2.90 291 P 25 13.42 -2.2
YEG 3.15 293 P 25 17.50 -1.5
BCH 3.17 288 ePn 25 16.71 -2.6
PTRM 3.42 295 P 25 21.10 -1.8
BHPR 3.47 331 P 25 33.82 10.1
PMRM 3.49 297 P 25 21.75 -2.1
PKEM 3.52 302 ePn 25 22.63 -1.6
MTUM 3.54 331 ePn 25 24.46 -0.3
eS 26 19.34
PMCM 3.57 295 P 25 24.79 -0.1
PMGM 3.58 290 P 25 22.34 -2.7
PHAM 3.63 297 ePn 25 23.57 -2.3
WKR 3.71 296 P 25 25.29 -1.6
PSTM 3.75 297 P 25 25.82 -1.8
PCRM 3.77 300 P 25 25.71 -2.1
PARM 3.78 303 P 25 26.50 -1.5
MRCM 3.80 334 ePn 25 27.42 -1.0
ORC 3.83 332 P 25 39.43 10.6
FRI 3.83 316 iP 25 37.01 8.4
PDRM 3.84 304 P 25 27.22 -1.7
TNP 3.86 350 ePn 25 27.38 -1.9
ePg 25 37.50
PSMM 3.88 299 P 25 27.56 -1.8
PADM 3.91 292 P 25 28.12 -1.7
MMPM 3.96 328 ePn 25 30.42 -0.3
ePg 25 41.57
eS 26 32.28
PRI 3.96 299 iP 25 27.30 -3.3
MEMM 3.97 329 ePn 25 31.76 1.3
PTV 3.99 299 P 25 28.80 -2.0
BONR 3.99 338 ePn 25 29.20 -1.9
PANM 3.99 293 P 25 28.84 -2.1
ARUT 4.25 33 ePnd 25 33.09 -1.7
ePg 25 48.27
eS 26 42.33
BRMM 4.42 307 P 25 35.72 -1.3
BAPM 4.69 295 P 25 38.02 -3.0
SAO 4.81 303 ePn 25 39.24 -3.3
CMB 4.95 321 eP 25 43.19 -1.4

16d 16h

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KVN      4.96 345 ePn   25 42.57  -2.3
                  ePg   26 00.67
MCUM     5.03 319 P     25 44.15  -1.5
TUC      5.09 111 ePn   25 43.24  -3.4
ARN      5.18 308 ePnc  25 44.72  -3.1
                  eS    27 08.24
COE      5.22 306 eP    25 45.57  -2.8
MHC      5.25 307 eP    25 45.54  -3.3
MNR      5.39 310 P     25 48.45  -2.3
MSU      5.44  38 ePn   25 50.36  -1.3
MSJ      5.50 308 P     25 49.72  -2.6
HMR      5.84 313 eP    25 55.66  -1.3
BKS      5.94 309 iP    25 55.00  -3.5
NTYM     6.51 311 ePn   26 03.32  -3.3
ELK      6.53   8 ePnc  26 05.24  -1.8
                  ePg   26 29.96
DUG      6.57  25 ePn   26 05.55  -2.0
                  ePg   26 30.89
ORV      6.67 324 ePn   26 04.53  -4.3
                  eS    27 54.77
SRU      6.76  43 (Pn)  26 09.71  -0.5
                  eS    27 56.79
EMUT     7.11  37 ePn   26 14.90  -0.3
PV10     7.22  53 (P)   26 15.61  -1.1
PV09     7.22  52 eP    26 15.46  -1.4
DAU      7.38  32 (P)   26 17.71  -1.3
                  ePg   26 44.71
PV08     7.59  53 ePn   26 19.32  -2.6
HVU      8.03  20 ePn   26 25.23  -2.7
                  ePg   26 58.20
ALQ      8.23  83 ePn   26 26.64  -4.2
                  ePg   27 01.46
                  eS    28 43.73
LBFM     8.29 330 ePn   26 31.13  -0.6
                  eSg   28 47.52
PTI      9.15  19 ePn   26 43.39  -0.1
BW06    10.04  30 eP    26 53.94  -2.0
                  eS    29 50.99
MCMT    10.89  13 ePd   27 10.30   2.7
CROR    11.27 343 P     27 16.39   3.9
VBEM    11.49 341 P     27 19.44   3.8
SSOR    11.56 338 P     27 20.02   3.6
LNOR    11.68 353 P     27 20.30   2.2
VGB     11.72 345 eP    27 20.54   1.9
LTX     11.89 111 eP    27 17.75  -3.3
LRM     11.93  13 ePd   27 23.00   1.3
LCCM    12.06  15 ePd   27 25.50   2.1
SXM     12.51  17 ePd   27 31.70   2.3
ASR     12.51 343 P     27 32.68   3.4
SHW     12.71 341 eP    27 34.17   2.1
EBG     13.02 347 P     27 37.28   1.3
LON     13.12 343 (P)   27 39.18   1.7
FMW     13.26 344 P     27 41.12   1.7
WTV     13.68 350 P     27 45.97   1.2
RMW     13.79 344 eP    27 48.53   2.2
NEW     13.99 358 eP    27 49.13   0.2
WMOK    14.54  83 eP    27 54.81  -1.3
        1.0s     10.31nm          4.4mb
MEO     14.70  83 iPc   27 57.50  -0.7
MCW     15.17 344 (P)   28 04.03  -0.3
TUL     16.95  79 iPd   28 29.70   2.5
MIAR    18.83  83 eP    28 49.35  -1.2
        1.3s     66.94nm          4.7mb
FVM     21.28  72 (P)   29 16.49  -0.8
        1.1s     21.97nm          4.4mb
ULM     21.93  37 eP    29 26.00   2.3
PRM     28.09  81 eP    30 21.15  -1.2
YKA     28.27   2 eP    30 31.40   7.7
        0.8s      1.30nm          3.8mb
      Z  20s      0.58um          4.2Msz
                  LR    44 16.00
INK     35.46 349 eP    31 28.50   1.9
        1.2s      4.00nm          4.1mb
IMA     38.69 337 eP    31 53.38  -0.7
        1.1s      8.08nm          4.3mb
MBC     42.09 359 eP    32 24.50   2.8
        1.0s      8.00nm          4.4mb
ILT     48.36 333 eP    33 11.00  -0.9
        1.0s     16.00nm          5.1mb
DAG     58.66  16 eP    34 27.00  -0.9
        0.6s      9.33nm          5.1mb
BRG     84.61  29 eP    37 05.40   2.0
        1.0s     10.00nm          5.0mb
      126 obs. associated
---------------------------------------
& JUN 16, 1994  16h 30m 01.48s
  34.246 N           116.422 W
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```
  DEPTH =   6.0km  (geophysicist)
 SOUTHERN CALIFORNIA                ( 43)
     <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
     Multiple event.

PEC      0.71 240 (P)    30 14.57  -1.1
CSP      0.78 274 eP     30 15.25  -1.8
SSK      1.05 268 (P)    30 20.58  -1.3
GSC      1.10 343 (P)    30 20.15  -2.4
ISA      2.20 311 (P)    30 36.80  -2.3
           5 obs. associated
---------------------------------------
   JUN 16, 1994  16h 30m 32.29± 0.44s
    3.062 S ± 6.1km  147.561 E ± 8.9km
   DEPTH =  33.0km  (normal)
   4.7mb ( 8 obs.)  4.6Msz (  4 obs.)
 BISMARCK SEA                      (203)
MDG      2.81 219 eP     31 14.40  -1.4
KVG      3.28  82 eP     31 20.00  -2.6
LAT      3.62 189 e(P)   31 28.30   0.8
RAB      4.73 104 eP-    31 46.80   3.7X
                  eS     32 44.00
PMG      6.32 184 eP     32 06.00   0.4
GUMO    16.76 351 eP     34 25.10  -1.1
MTN     18.94 238 eP     34 51.70  -1.6
WB2     21.16 217 eP     35 15.00  -2.1
        1.2s     44.90nm           4.7mb
                  eS     42 27.60
ASPA    24.37 212 iPd    35 49.40   0.6
        1.2s     50.80nm           5.0mb
      Z  20s      1.60um           4.5Msz
                  eS     40 14.80
DZM     26.33 137 iPd    36 07.40   0.1
ARMA    27.48 172 eP     36 18.30   0.6
        0.9s     22.00nm           4.8mb
STKA    29.21 190 eP     36 32.80  -0.3
        2.7s     15.40nm           4.2mb
WARB    30.52 219 eP     36 44.50  -0.5
BWA     31.21 179 eP     36 51.20   0.2
CAN     32.13 178 eP     36 59.40   0.5
CNB     32.14 177 eP     36 59.90   0.8
WOOL    37.05 218 eP     37 41.80   0.7
BJI     51.65 329 eP     39 37.50  -0.5
      Z  22s      0.62um           4.6Msz
      N  18s      0.78um
                  eS     46 56.00
LZH     56.39 318 eP     40 13.50   0.3
        1.8s     33.00nm           5.1mb
      Z  18s      0.49um           4.6Msz
      E  15s      0.40um
                  pP     40 20.00  21kmX
GBA     71.48 285 P      41 54.00   1.8
IMA     80.63  21 eP     42 44.06   0.9
        1.7s     11.74nm           4.6mb
FBA     82.28  23 (P)    42 51.92   0.4
        0.9s      1.12nm           3.9mb
INK     88.73  21 eP     43 27.00   3.5X
MBC     93.69  14 eP     43 47.50   1.1
YKA     96.33  28 eP     43 59.50   0.9
        0.8s      1.70nm           4.6mb
      Z  21s      0.20um           4.6Msz
                  LR     26 40.00
     S.D. = 1.2  on  23 of  25 obs.
---------------------------------------
& JUN 16, 1994  16h 45m 05.00s
  34.263 N           116.398 W
  DEPTH =   3.1km
 SOUTHERN CALIFORNIA                ( 43)
     <PAS-P>. ML 2.8 (PAS), 2.8 (GS).

PEC      0.73 240 eP     45 18.68  -1.0
                  eS     45 28.58
CO2      0.97 115 P      45 23.31  -0.7
PLM      0.99 203 iPd    45 23.40  -1.1
                  eS     45 37.47
GSC      1.09 342 eP     45 25.28  -0.9
SBB      1.25 290 P      45 28.81  -0.1
XMS      1.48 328 P      45 33.50   0.9
TPO      1.63 293 P      45 35.22   0.5
WSHM     1.64 327 P      45 35.54   0.7
CLC      1.84 328 P      45 39.41   1.7
SWM      1.86 285 P      45 39.38   1.2
TJR      2.08 292 P      45 43.18   2.0
ISA      2.20 310 ePn    45 42.45  -0.6
ABL      2.40 285 ePn    45 44.87  -1.2
TPNV     2.68   3 ePn    45 49.39  -0.6
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BCH      3.17 288 ePn    45 56.33  -0.5
           15 obs. associated
---------------------------------------
& JUN 16, 1994  16h 47m 28.86s
  34.275 N           116.409 W
  DEPTH =   2.4km
 SOUTHERN CALIFORNIA                ( 43)
     <PAS-P>. ML 2.9 (PAS), 2.9 (GS).

CPM      0.21 124 P      47 33.04  -0.1
TPC      0.34 119 P      47 35.81   0.1
MLL      0.47 247 P      47 37.79  -0.6
PNMC     0.59 120 P      47 40.00  -0.6
CFT      0.63 248 P      47 40.77  -0.7
PEC      0.73 239 eP     47 41.89  -1.6
CSP      0.79 272 eP     47 42.82  -1.7
GRP      0.85  51 P      47 44.43  -1.4
COY      0.91 175 P      47 45.66  -1.4
BATC     0.94 150 P      47 47.14  -0.4
CO2      0.98 115 P      47 46.97  -1.2
PLM      0.99 202 eP     47 46.50  -2.0
SSK      1.07 267 eP     47 48.23  -1.5
                  eS     48 03.50
GSC      1.07 342 eP     47 48.67  -1.2
                  eS     48 03.86
BRGC     1.12 170 P      47 49.50  -1.0
LJB      1.23 285 P      47 51.38  -1.1
CFL      1.34 273 P      47 53.18  -1.2
MWC      1.37 268 P      47 54.38  -0.6
XMS      1.47 328 P      47 56.47   0.1
DTP      1.54 310 P      47 56.50  -1.0
LHU      1.70 284 P      48 00.28   0.5
SWM      1.85 284 P      48 01.89   0.0
SADC     1.88 265 P      48 03.21   0.9
PYR      1.95 279 P      48 05.38   2.0
TJR      2.06 292 P      48 06.97   2.0
ISA      2.19 310 eP     48 12.82   6.0
ABL      2.39 285 eP     48 07.94  -1.9
TPNV     2.67   3 eP     48 12.32  -1.5
BONR     3.98 338 eP     48 38.47   6.0
           29 obs. associated
---------------------------------------
* JUN 16, 1994  16h 49m 11.69± 1.10s
  44.337 N ±11.4km   10.937 E ± 7.8km
  DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                    (545)
     ML 2.9 (LDG).

PGF      2.28 219 Pn     49 50.50   0.5
                  Sn     50 16.40
TRI      2.43  55 eP     49 50.90  -1.1
OGA      2.53   1 iPnc   50 00.50   6.8X
SBF      2.57 261 Pn     49 55.50   1.4
                  Sn     50 24.20
VOY      2.69  50 ePn    49 54.90  -1.0
                  eSn    50 26.60
                  e      50 38.30
SQTA     2.89   4 iPnc   50 01.20   2.5
        0.4s     15.40nm
                  i      50 10.40
                  i      50 42.90
                  i      50 43.40
WTTA     2.97   9 iPnc   50 02.50   2.7
        0.3s      9.70nm
                  i      50 11.40
                  i      50 22.80
                  i      50 43.50
                  i      50 47.60
WATA     3.03   8 iPnc   50 03.00   2.3
                  i      50 40.50
                  i      50 46.60
LPG      3.19 293 Pn     50 03.80   0.6
LPL      3.21 293 Pn     50 03.90   0.5
KBA      3.22  31 iPnc   50 15.30  11.9X
        0.4s      7.50nm
                  i      50 54.10
                  i      51 07.40
VBY      3.28  68 ePn    50 03.60  -0.6
BSF      4.53 322 Pn     50 21.20  -0.8
                  Pg     50 38.90
                  Sn     51 10.00
CDF      4.80 329 Pn     50 24.60  -1.2
                  Sn     51 16.90
HAU      4.86 321 Pn     50 24.40  -2.2
                  Sn     51 18.80
GEC2     4.89  22 Pg     50 25.90  -1.2
KHC      5.13  20 ePn    50 25.00  -5.3X
```

e 50 51.00
eSn 51 23.50
e 51 41.50
e 52 18.50
LBF 5.55 301 Pn 50 35.30 -1.1
LOR 5.75 303 Pn 50 37.70 -1.4
S.D. = 1.7 on 16 of 19 obs.

% JUN 16, 1994 17h 11m 25.98± 1.46s
11.076 N ± 8.0km 61.957 W ±20.7km
DEPTH = 80.0km (geophysicist)
WINDWARD ISLANDS (95)
MD 3.3 (TRN).

TCE 0.43 152 iPd 11 39.25 0.0
eS 11 49.03
TRN 0.69 128 iPd 11 41.77 0.1
eS 11 53.12
TBH 1.05 124 eP 11 45.88 -0.1
eS 12 01.40
GRW 1.12 15 eP 11 47.07 0.3
eS 12 04.03
BOT 1.22 86 eP 11 48.05 0.0
SVB 2.29 17 eP 12 02.45 0.0
SVV 2.34 18 eP 12 02.80 -0.3
S.D. = 0.2 on 7 of 7 obs.

% JUN 16, 1994 17h 18m 49.13± 0.65s
26.860 S ± 6.7km 26.614 E ± 6.0km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.3 (PRE).

BFS 0.16 104 iPd 18 52.80 0.3
S 18 54.10
PRY 0.77 95 eP 19 03.20 -1.5
S 19 14.00
KSR 1.02 14 eP 19 10.00 0.9
S 19 21.50
SWZ 1.19 254 eP 19 10.90 -1.1
S 19 25.00
SEK 1.71 149 eP 19 20.60 0.7
S 19 40.70
SLR 1.87 54 iPd 19 22.50 0.3
S 19 46.30
BOSA 2.04 211 eP 19 25.00 0.5
S 19 51.00
BLF 2.27 189 eP 19 29.00 1.0
S 19 56.00
NWL 3.09 107 eP 19 30.00 -9.7X
S 20 18.00
FRS 3.10 201 eP 19 39.00 -0.5
S 20 13.00
BFT 3.29 70 eP 19 42.00 -0.6
S 20 18.50
PKA 4.41 230 eP 20 18.60 20.3X
S 21 07.80
S.D. = 1.0 on 10 of 12 obs.

JUN 16, 1994 17h 35m 42.94± 0.55s
42.659 N ± 5.3km 111.241 W ± 6.1km
DEPTH = 10.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.5 (GS), 3.8 (BUT).

PTI 0.86 285 eP 35 58.86 -0.7
eS 36 12.52
BW06 1.25 84 eP 36 04.53 -1.8
HVU 1.44 233 ePc 36 08.71 -0.5
DAU 2.24 180 ePc 36 22.06 1.0
MCMT 2.46 332 ePn 36 24.80 0.8
BGMT 2.64 348 ePnd 36 28.50 2.0X
DUG 2.73 206 eP 36 27.27 -0.5
EMUT 2.86 173 eP 36 30.38 0.7
MEMT 2.95 4 ePn- 36 33.00 2.1X
LCCM 3.21 352 ePn 36 37.50 3.0X
LRM 3.28 345 ePn 36 37.10 1.5X
HBMT 3.28 343 ePn 36 38.10 2.4X
BUT 3.48 345 ePg 36 47.00 8.6X
eSg 37 33.50
SXM 3.49 0 ePn 36 39.10 0.6
SRU 3.59 171 eP 36 40.66 0.7
HRY 4.07 354 ePn 36 49.10 2.4X
MSU 4.20 190 eP 36 47.85 -0.9
PV09 4.46 158 ePn 36 51.88 -0.5
PV08 4.53 153 eP 36 53.34 -0.1
ARUT 5.15 200 (P) 37 03.77 1.7X

GOL 5.32 122 ePn 37 05.74 1.1
GLD 5.39 121 (P) 37 07.45 1.9X
S.D. = 1.0 on 13 of 22 obs.
----
* JUN 16, 1994 17h 40m 20.22± 0.73s
9.418 S ±16.4km 107.704 E ±19.6km
DEPTH = 33.0km (normal)
4.7mb (7 obs.)
SOUTH OF JAWA, INDONESIA (282)

WB2 27.78 115 eP 46 08.00 -0.3
0.6s 2.70nm 4.1mb
ASPA 28.76 123 eP 46 21.60 4.4X
1.6s 9.70nm 4.3mb
CHTO 29.35 343 ePc 46 22.60 0.1
1.1s 12.66nm 4.6mb
KMI 34.67 352 eP 47 07.40 -1.8
1.2s 20.00nm 4.9mb
pP 47 15.80 29kmX
GBA 37.76 307 P 47 35.00 -0.2
STKA 38.53 130 eP 47 41.40 -0.1
1.2s 15.90nm 4.7mb
LZH 45.40 356 eP 48 38.00 0.2
1.2s 37.00nm 5.2mb
Z 15s 0.24um 4.3MszX
sP 48 46.50
BJI 49.83 9 eP 49 13.50 1.4
OBN 87.10 327 ePc 53 04.00 0.3
1.1s 35.00nm 5.5mb
WMOK 145.04 40 ePKPc 59 56.57 0.2
e 00 05.62
BAO 145.37 224 ePKP 59 57.80 0.3
MIAR 148.29 35 ePKPc 00 06.04 4.4X
e 00 15.36
e 00 18.46
S.D. = 0.9 on 10 of 12 obs.

? JUN 16, 1994 18h 15m 48.92± 2.55s
15.262 S ±77.9km 176.777 W ±52.6km
DEPTH = 351.3 ± 23.0 km
4.3mb (4 obs.)
FIJI ISLANDS REGION (181)

VUN 5.32 238 eP 17 13.00 0.3
WB2 46.69 257 eP 23 46.30 0.6
0.3s 15.80nm 4.7mb
WRA 46.70 257 P 23 46.80 1.0
0.6s 4.60nm 3.9mb
ASPA 47.06 252 iPd 23 48.60 0.1
0.6s 27.20nm 4.7mb
WARB 53.67 249 eP 24 37.00 -0.9
WOOL 58.05 243 iPc 25 06.10 -2.5
RMW 79.41 34 eP 27 16.26 -1.8
FBA 82.90 12 eP 27 34.94 -0.7
0.7s 1.42nm 3.9mb
PRU 144.16 348 ePKP 34 43.40 -1.2
KHC 145.17 348 ePKP 34 43.00 -3.4X
GEC2 145.42 348 PKP 34 45.90 -1.0
1.3s 1.74nm
LDF 146.65 4 iPKPc 34 48.10 -0.7
0.8s 4.85nm
CDF 146.77 355 iPKPc 34 50.20 1.1
0.7s 3.00nm
GRR 146.80 5 iPKPc 34 48.80 -0.2
0.8s 5.25nm
LPF 147.13 5 iPKPc 34 50.50 1.0
0.7s 5.30nm
SSF 148.29 360 iPKPc 34 54.00 2.5
0.8s 2.95nm
LBF 148.37 359 iPKPc 34 54.10 2.5
0.8s 2.95nm
MAF 149.13 1 iPKPc 34 55.90 3.1X
0.5s 1.95nm
LPL 149.70 355 ePKP 34 58.30 4.3X
LPG 149.71 355 iPKPc 34 58.50 4.4X
0.8s 2.70nm
S.D. = 1.6 on 16 of 20 obs.

JUN 16, 1994 18h 31m 51.30± 0.67s
49.178 N ± 3.1km 129.192 W ± 6.1km
DEPTH = 10.0km (geophysicist)
3.7mb (5 obs.)
VANCOUVER ISLAND REGION (25)
ML 4.0 (PGC).

BPBC 1.35 43 ePn 32 17.14 1.0
EDB 1.52 62 Pn 32 18.88 0.4

ETB 1.75 82 ePn 32 22.03 0.2
PHC 1.91 36 Pnd 32 25.20 1.1
GDR 2.15 72 ePn 32 27.73 0.1
BTB 2.42 82 Pn 32 31.70 0.0
eSn 33 01.51
OZB 2.44 94 ePn 32 30.75 -1.1
eS 32 59.77
CBB 2.63 70 ePn 32 35.43 0.9
eS 33 07.95
MGB 2.96 92 ePn 32 38.32 -1.0
eSn 33 13.38
PFB 3.19 99 ePn 32 41.03 -1.5
NAB 3.40 87 ePn 32 46.00 0.5
BIB 3.86 84 ePn 32 52.15 0.2
WPB 3.94 81 ePn 32 53.56 0.6
MCW 4.22 94 eP 32 55.23 -1.9X
eS 33 46.44
GMW 4.57 108 (P) 32 58.59 -3.5X
BMW 4.84 122 eP 33 03.76 -2.2X
eS 33 57.57
JCW 4.91 99 P 33 06.75 -0.2
HTW 5.12 103 P 33 09.68 -0.2
RPW 5.13 95 P 33 09.20 -0.8
LMW 5.27 116 P 33 12.19 0.1
RVW 5.31 122 P 33 12.54 0.1
GSM 5.33 109 P 33 12.09 -0.8
ERK 5.44 119 P 33 13.99 -0.5
TDL 5.49 118 P 33 14.97 -0.2
RCS 5.51 112 P 33 16.08 0.4
FMW 5.52 111 P 33 16.12 0.4
LON 5.52 113 eP 33 14.44 -1.1
LVP 5.54 122 P 33 16.15 0.3
SHW 5.57 120 eP 33 15.47 -0.8
REMW 5.59 120 P 33 17.03 0.3
SOSW 5.60 119 P 33 17.17 0.5
JLK 5.64 120 P 33 17.80 0.5
MTMW 5.68 121 P 33 17.86 0.1
WPW 5.70 113 P 33 18.60 0.4
CDFW 5.72 120 P 33 18.83 0.5
TWW 5.93 107 P 33 22.33 1.0
ASR 5.96 118 P 33 22.12 0.4
MPOR 6.07 138 P 33 23.02 -0.3
VLMM 6.07 124 P 33 23.94 0.6
GULW 6.08 119 P 33 24.04 0.5
TBM 6.09 106 P 33 23.71 0.2
ETW 6.11 102 P 33 23.84 0.0
GT2 6.20 128 P 33 25.29 0.2
EBG 6.21 108 P 33 25.51 0.3
SSOR 6.31 131 P 33 27.10 0.3
TDH 6.36 125 P 33 27.52 0.0
RNO 6.47 142 P 33 28.94 0.0
VFP 6.52 123 P 33 30.08 0.3
VBEM 6.62 126 P 33 31.67 0.5
EPH 6.66 102 P 33 30.02 -1.6
BPO 6.85 129 P 33 34.71 0.3
HSO 7.05 141 P 33 37.67 0.5
MJ2 7.11 108 P 33 36.83 -1.0
HBO 7.14 136 P 33 39.04 0.7
OD2 7.22 100 P 33 37.27 -2.1X
DBO 7.33 144 P 33 41.62 0.6
DPW 7.41 96 eP 33 41.21 -1.0
BBOR 7.75 142 P 33 48.65 1.7X
NEW 8.04 92 eP 33 49.99 -0.9
LBFM 9.37 144 eP 34 09.46 0.0
HVU 13.67 117 eP 34 58.45 -9.2X
DUG 14.68 122 (P) 35 19.82 -1.1
0.6s 1.70nm 3.8mb
TPNV 15.43 138 (P) 35 33.05 2.4X
YKA 15.60 26 eP 35 32.70 0.2
0.6s 2.50nm 3.6mb
EMUT 16.07 119 (P) 35 36.24 -2.9X
SRU 16.71 120 (P) 35 49.34 2.2X
IMA 21.17 332 eP 36 37.21 -1.5
1.0s 3.05nm 3.6mb
ALQ 21.96 122 eP 36 48.61 1.6X
1.1s 3.95nm 3.8mb
WMOK 26.61 111 eP 37 32.17 0.7
0.6s 1.93nm 4.0mb
S.D. = 0.7 on 59 of 69 obs.

? JUN 16, 1994 18h 39m 02.56± 4.17s
36.580 N ±44.1km 2.816 W ± 8.8km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.8 (MDD).

ENIJ 0.63 51 iPc 39 15.17 0.0

16d 18h

```
                 eS    39 23.70
EGUA    0.65 293 eP    39 15.40  -0.2
                 eS    39 23.00
ERON    0.91 299 iPc   39 20.27   0.3
                 eS    39 31.40
ECOG    0.92 319 eP    39 20.14  -0.1
                 eS    39 30.20
    S.D. = 0.3  on   4 of   4 obs.
--------------------------------------
  JUN 16, 1994  18h 41m 28.28± 0.14s
  15.250 S ± 3.4km    70.294 W ± 2.9km
  DEPTH = 199.5km  (geophysicist)
  5.6mb (104 obs.)
 SOUTHERN PERU                    (117)
     Mw 6.0 (GS), 5.9 (HRV). mb 5.8
     (BRK). Felt (II) at Arequipa.
     Depth from broadband
     displacement seismograms.
     FAULT PLANE SOLUTION: P-Waves
      NP1:Strike= 50 Dip=80 Slip= 150
      NP2:      146      61        12
      Principal Axes:
      T               Plg=28  Azm=  4
      P                   13      101
     Comment: The focal mechanism is
       moderately well controlled
       and corresponds to strike-
       slip faulting with a moderate
       reverse component. The
       preferred fault plane is not
       determined.
     RADIATED ENERGY
      No. of sta:  20   Focal mech.  F
      Energy        4.1±0.9*10**12 Nm
     MOMENT TENSOR SOLUTION
     Dep 199            No. of sta: 26
     Moment Tensor;    Scale 10**18 Nm
       Mrr= 0.15         Mtt= 1.07
       Mff=-1.23         Mrt= 0.46
       Mrf= 0.38         Mtf= 0.13
      Principal axes:
       T  Val=  1.29   Plg=24  Azm=353
       N        0.03       62      208
       P       -1.33       14       90
     Best Double Couple:Mo=1.3*10**18
      NP1:Strike=133 Dip=63 Slip=   7
      NP2:        40     84       153
     CENTROID, MOMENT TENSOR     (HRV)
     Data Used: GDSN
     L.P.B.: 56S,115C
     Centroid Location:
     Origin Time        18:41:37.6 0.2
     Lat 15.26S 0.02 Lon  70.40W 0.02
     Dep 200.3 1.1 Half-duration  2.3
     Moment Tensor;    Scale 10**17 Nm
       Mrr= 0.31 0.11  Mtt= 6.65 0.15
       Mff=-6.95 0.18  Mrt= 4.36 0.10
       Mrf= 0.94 0.09  Mtf=-1.54 0.15
      Principal Axes:
       T  Val=  8.93   Plg=26  Azm=  4
       N       -1.49       60      213
       P       -7.44       12      100
     Best Double Couple:Mo=8.2*10**17
      NP1:Strike=145 Dip=62 Slip=  11
      NP2:        50     81       152

ARE     1.67 224 iPc   41 57.40  -6.7X
LPAZ    2.32 117 iPd   42 10.20  -1.1
                 S     42 44.30
LPB     2.47 121 iPd   42 13.00   0.4
CCH     4.52 119 iPd   42 36.60  -1.0
NNA     7.14 296 eP    43 06.81  -4.5X
                 eS    43 52.00
MOCB    7.43 144 P     43 12.60  -2.9
CALV   15.57 330 P     45 00.12   1.1
ZON    16.29 175 eP    45 02.80  -4.7X
                 eS    48 02.80
CAYA   17.02 333 P     45 18.21   1.3
GGP    17.08 331 P     45 18.67   1.0
YANA   17.12 331 P     45 19.02   1.1
DOMO   17.39 332 P     45 22.39   1.6
COTA   17.41 332 P     45 22.73   1.7
MDZ    17.60 176 eP    45 21.50  -1.1
                 iS    48 31.60
IHA    17.74 184 eP    45 19.50  -4.4X
PSO    17.75 336 eP    45 26.00   1.4
PEL    17.82 181 iP+   45 19.20  -5.6X

QUND   17.93 329 P     45 26.74   0.6
BOG    20.09 349 iPc   45 49.00   0.3
                 iS    50 51.00
BDFB   21.48  94 iPd   46 01.77  -0.3
BAO    21.50  94 Pc    46 02.10  -0.2
UFRS   22.97 133 eP    46 13.90  -2.5
                 e     46 15.20
                 e     46 16.70
                 e     50 14.30
                 e     53 21.00
VAO    23.33 113 eP    46 30.80  10.8X
                 e     46 33.40
CAR    25.81   8 iP    46 40.00  -3.0X
ECO    26.17 339 eP    46 47.65   1.4
                 ipP   47 06.77  85kmX
DVD    26.44 332 iPd   46 51.20   2.6X
BRU    26.81 332 iPc   46 54.25   1.7
TPP    26.87  20 iP    46 55.81   3.3X
TCE    27.13  19 iP    46 56.80   1.9
TBH    27.15  20 iP    46 57.99   2.9X
TRN    27.20  19 iP    46 57.49   2.0
GRW    28.54  18 iP    47 08.83   1.2
SOB1   29.33  82 eP    47 14.10  -0.5
SVV    29.77  18 iP    47 18.92   0.5
SLB    30.30  18 iP    47 23.01  -0.1
SLW    30.52  18 eP    47 25.44   0.4
BIM    30.95  18 eP    47 28.01  -0.8
FDF    31.13  17 eP    47 28.72  -1.6
CRM    31.22  18 eP    47 29.87  -1.2
ITR    31.81  82 eP    47 35.40  -0.9
MGG    32.21  16 eP    47 37.00  -2.7
PAG    32.22  16 eP    47 36.50  -3.4X
DEG    32.66  17 eP    47 40.00  -3.6X
BPA    33.15  15 eP    47 44.00  -3.9X
MGP    33.20   6 iP    47 47.10  -1.1
SJG    33.40   7 iPc   47 47.77  -2.2
LPR    33.63   8 iP    47 50.50  -1.5
TPX    37.00 323 iP    48 23.10   2.7X
OXX    41.37 320 iP    48 58.80   2.0
IISM   43.22 321 (P)   49 14.20   2.7X
PPM    44.05 320 (P)   49 21.00   2.2
III    44.07 318 (P)   49 20.20   1.6
MRX    46.15 318 (P)   49 36.80   2.1
HBF    48.87 349 P     49 54.70  -0.9
SGS    49.15 349 P     49 57.00  -0.7
JSC    50.35 348 P     50 05.70  -1.1
PRM    50.39 347 P     50 06.10  -1.0
LHS    50.45 349 P     50 06.00  -1.6
                 pP    50 56.40 230kmX
CEH    51.54 351 iPc   50 13.32  -2.5
       0.6s    38.76nm          5.2mb
                 ec    51 05.30
BLA    53.04 350 P     50 26.10  -0.8
       1.2s    87.83nm          5.3mb
NAV    53.21 350 P     50 27.10  -1.0
CVL    53.50 352 P     50 28.40  -1.8
MFTN   54.23 341 P     50 33.40  -2.2
MIAR   54.24 336 iPc   50 34.37  -1.4
       1.3s   894.80nm          6.3mb
                 e     51 21.71
                 ePcP  51 36.12
VVO    55.80 335 iPc   50 46.60  -0.3
GMTN   55.96 356 iP    50 46.20  -1.7
FVM    56.22 341 P     50 47.80  -2.1
       0.7s   792.89nm          6.6mb
                 pP    51 39.20 229kmX
TUL    56.31 335 iPd   50 49.40  -1.1
SIO    56.38 335 iPc   50 50.00  -1.0
WMOK   56.60 332 iPc   50 51.02  -1.6
       0.4s     3.30nm        4.4mb X
                 pP    51 46.00 247kmX
OCO    56.69 334 iPc   50 53.40   0.2
LSCT   56.70 357 P     50 51.40  -1.7
       0.9s   169.83nm          5.8mb
                 pP    51 44.30 236kmX
TYS    56.77 341 P     50 51.50  -2.1
BINY   57.40 355 iPc   50 56.50  -1.5
       0.9s    97.34nm          5.5mb
HRV    57.48 359 iPc   50 56.43  -2.1
       1.0s   156.25nm          5.7mb
YSNY   57.94 353 iPc   51 00.21  -1.6
       0.4s    93.89nm          5.9mb
                 e     51 50.53
ACO    58.40 333 iPc   51 04.50  -0.6
TYNO   58.72 352 P     51 05.39  -1.7
STCO   58.74 352 P     51 05.67  -1.6
LBNH   59.22 359 P     51 09.30  -1.2

       1.0s   110.88nm          5.5mb
ACTO   59.25 352 P     51 08.92  -1.9
WLVO   59.35 353 P     51 09.53  -1.9
RSNY   59.63 356 P     51 11.30  -2.1
       1.0s   113.55nm          5.6mb
ALQ    60.58 326 P     51 19.30  -1.0
       0.5s   104.44nm          5.8mb
GAC    60.84 356 eP    51 20.00  -1.5
LMN    61.01   4 eP    51 20.50  -2.2
       0.7s   116.00nm          5.7mb
TUC    61.15 321 iPc   51 24.06   0.1
       1.2s    91.35nm          5.4mb
                 ePcP  52 05.11
                 epPc  52 09.91 198kmX
                 esP   52 30.44
CBM    61.92   2 iPc   51 27.58  -1.1
       0.7s   155.08nm          5.9mb
                 ePcP  52 05.98
GLD    63.66 330 P     51 40.90   0.3
       1.9s   898.30nm          6.3mb
GOL    63.70 330 iPc   51 40.15  -0.7
       0.5s    77.23nm          5.8mb
                 esP   52 48.35
PV08   64.47 327 P     51 45.20  -0.8
PV10   64.53 327 P     51 45.50  -0.7
PV09   64.67 327 P     51 47.10  -0.1
PFO    65.55 319 iPc   51 51.44  -1.3
                 e     52 37.79
                 esP   52 59.97
PLM    65.64 318 P     51 53.30  -0.1
SRU    65.85 327 P     51 53.80  -0.8
PEC    66.18 318 P     51 56.20  -0.4
       1.1s   123.08nm          5.6mb
MSU    66.32 325 P     51 57.50  -0.2
ARUT   66.52 324 P     51 59.10   0.2
EMUT   66.52 327 P     51 58.40  -0.5
CSP    66.56 319 P     51 59.00  -0.2
SSK    66.72 318 P     52 00.60   0.3
GSC    66.86 320 P     52 01.40   0.4
TBT    66.86  49 iPc   52 00.43  -0.6
                 esP   53 10.45
DAU    67.18 327 P     52 02.80  -0.4
CALB   67.28 318 iPc   52 03.77   0.3
                 epPc  52 50.94 200kmX
                 esP   53 11.64
TPNV   67.59 321 P     52 05.90   0.3
       0.9s  4956.61nm          7.2mb X
DUG    67.86 326 iP    52 07.41   0.2
       1.1s   243.96nm          5.8mb
                 epP   52 53.76 196kmX
                 esP   53 15.45
BW06   68.08 330 P     52 07.30  -1.3
       0.4s    55.28nm          5.6mb
LIC    68.08  77 P     52 07.26  -1.6
       0.8s    99.00nm          5.6mb
ABL    68.11 318 P     52 09.10   0.2
ISA    68.14 319 iPc   52 09.44   0.6
       1.2s   290.59nm          5.9mb
                 epPc  52 56.29 198kmX
                 isPd  53 17.64
TIC    68.22  76 P     52 08.24  -1.5
       1.0s    78.00nm          5.4mb
SNA    68.37 160 iPc   52 06.30  -3.4X
       0.4s    25.00nm          5.3mb
KIC    68.39  77 P     52 09.30  -1.4
       0.7s   161.50nm          5.9mb
BCH    68.87 318 P     52 13.60   0.2
TNP    68.92 322 P     52 13.80   0.0
       0.9s   119.97nm          5.6mb
JAQ    68.93 357 eP    52 10.50  -2.7
HVU    68.96 327 P     52 13.30  -0.6
ULM    68.99 343 eP    52 15.00   1.3
PKEM   69.42 319 P     52 16.80   0.2
MRCM   69.43 321 P     52 17.50   0.5
PHAM   69.47 318 P     52 17.20   0.2
BONR   69.49 321 P     52 17.90   0.5
PTI    69.54 328 P     52 16.90  -0.5
ELK    69.57 325 ePc   52 17.80   0.1
MLAC   69.61 321 iPc   52 18.22   0.2
                 ePcP  52 38.25
                 epPc  53 05.07 198kmX
                 esPd  53 27.91
MEMM   69.69 321 P     52 19.60   1.4
HHAI   69.85 329 P     52 17.50  -1.8
KVN    70.07 322 P     52 20.80   0.0
SAO    70.70 319 ePc   52 24.87   0.4
       1.5s   230.00nm          5.7mb
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     Z  20s      0.40um           4.7Msz
               eS    01 24.78
               eSS   06 12.78
               eLQ   11 14.78
CMB     70.81 320 P      52 21.50  -3.6X
        3.1s    643.82nm          5.8mb X
CMB     70.81 320 ePc    52 24.74  -0.4
        1.6s    220.00nm          5.6mb
     Z  20s      0.30um           4.5Msz
               epPc  53 12.75 202kmX
               isPd  53 34.43
               eS    01 30.31
               eSS   06 12.31
               eLQ   11 15.31
MEMT    70.87 331 ePc    52 25.40  -0.1
BGMT    71.10 330 ePc    52 26.90   0.0
ARN     71.11 319 P      52 27.10   0.2
COE     71.15 319 P      52 28.10   1.0
MHC     71.18 319 ePc    52 28.34   0.9
        1.3s    380.00nm          6.0mb
MCMT    71.20 329 iPc    52 27.90   0.4
SXM     71.38 331 ePc    52 28.70   0.2
LCCM    71.47 331 ePc    52 28.90  -0.1
LRM     71.73 330 ePc    52 30.50  -0.1
               e     55 13.40
HMR     71.77 319 P      52 33.20   2.5X
HBMT    71.78 330 ePc    52 31.00   0.0
BKS     71.88 319 eP     52 29.37  -2.0
        1.4s    400.00nm          6.0mb
     Z  20s      0.30um           4.6Msz
               eS    01 43.37
               eSS   06 33.37
BUT     71.92 330 ePc    52 32.50   0.8
ORV     72.44 321 ePc    52 35.55   0.9
        1.3s    680.00nm          6.2mb
     Z  21s      0.30um           4.5Msz
               eS    01 47.36
               eSS   06 35.36
               eLQ   11 36.36
NTYM    72.45 319 P      52 34.70   0.0
WDC     73.69 321 ePc    52 40.74  -1.1
        0.9s     70.00nm          5.4mb
     Z  20s      0.20um           4.4Msz
               ePcP  52 58.29
               epPc  53 28.08 198kmX
               esP   53 49.27
               ePP   55 35.11
               eS    01 58.11
               eSS   06 54.11
               eLQ   12 14.11
LBFM    73.77 322 P      52 42.10  -0.5
RUV     73.96 258 iPc    52 43.50  -0.4
        1.2s    171.40nm          5.7mb
VAH     74.19 258 iPc    52 44.70  -0.5
        1.2s    231.50nm          5.8mb
TPT     74.23 258 iPc    52 45.20  -0.2
        1.4s    374.70nm          5.9mb
PMO     74.49 258 iPc    52 46.50  -0.4
        1.3s    268.60nm          5.8mb
YBH     74.50 322 eP     52 44.62  -2.0
        1.2s    140.00nm          5.6mb
     Z  18s      0.30um           4.6Msz
               ePP   55 37.62
               eS    02 05.62
               eSS   06 58.62
               eLQ   12 19.62
KMPM    74.56 320 P      52 47.50   0.5
SPA     74.85 180 iPd    52 46.80  -1.6
        1.0s     12.50nm          4.6mb
VIPM    75.03 325 P      52 50.42   0.7
TVO     75.20 255 iPc    52 50.90  -0.1
        1.3s    313.40nm          5.9mb
JBO     75.22 326 P      52 51.52   1.0
PPN     75.42 256 iPc    52 52.10  -0.1
PAE     75.53 255 iPc    52 52.60  -0.2
        1.5s    300.90nm          5.8mb
CROR    75.53 325 P      52 53.30   0.9
PPT     75.54 255 iPc    52 53.00   0.1
        1.2s    152.30nm          5.6mb
DBO     75.65 323 P      52 53.44   0.3
NEW     75.71 330 iPc    52 52.98  -0.3
        1.2s     67.20nm          5.2mb
               epPc  53 40.33 197kmX
               esPd  54 02.84
AFR     75.74 255 iPc    52 53.60  -0.4
VGB     75.76 326 P      52 53.90   0.3
VBEM    75.91 325 P      52 55.44   0.8

WAH2    75.92 328 P      52 55.47   1.1
TIO     75.97  52 iPc    52 56.50   1.3
DPW     75.97 329 P      52 55.50   0.7
SSOR    76.27 325 P      52 56.61   0.1
RNO     76.42 323 P      52 58.59   1.3
SAW     76.46 328 P      52 58.16   0.7
EBG     76.55 327 P      52 59.44   1.5
COR     76.58 324 ePc    52 59.57   1.5
ASR     76.60 326 P      52 59.54   1.2
WTV     76.74 328 P      52 59.51   0.5
AVE     76.96  50 iPc    53 01.50   1.1
                  i      53 42.50
SHW     76.98 326 P      53 01.00   0.5
LON     77.10 326 P      53 01.42   0.4
FMW     77.14 327 P      53 01.94   0.5
KMOR    77.32 325 P      53 02.67   0.4
RMW     77.55 327 P      53 03.00  -0.5
                  pP     53 56.00 221kmX
BMW     77.69 326 P      53 05.11   0.8
JCW     78.08 328 P      53 06.05  -0.3
GMW     78.12 327 P      53 06.20  -0.3
ONR     78.23 326 P      53 08.49   1.3
FIG     78.48  46 iPd    53 10.30   1.6
IFR     78.75  51 iPd    53 12.50   2.0
FRB     78.76   1 eP     53 08.50  -1.0
        1.0s     40.00nm          5.1mb
MOE     78.81  45 iPc    53 11.50   1.0
MCW     78.85 328 P      53 11.19   0.7
STW     78.96 327 P      53 12.72   1.7
CNIL    79.38  48 iP     53 16.00   2.4
PLAT    79.48  48 iP     53 16.50   2.3
MOMI    79.60  48 eP     53 16.50   1.7
GIBL    79.67  47 iP     53 17.00   1.9
EJIF    79.84  48 iPc    53 17.85   1.8
ALJ     79.84  48 iP     53 17.50   1.3
PTO     79.95  42 eP     53 17.20   0.7
                  eS     03 04.00
EPRU    80.24  47 iPc    53 19.57   1.4
MTE     80.29  44 iPc    53 18.60   0.2
EZAM    80.41  42 iPc    53 19.30   0.4
EHOR    80.63  47 iPc    53 20.87   0.7
EMAL    80.72  48 iPc    53 22.30   1.7
MVO     81.00  43 iPc    53 23.20   1.1
ELOJ    81.10  48 eP     53 23.64   0.9
EPLA    81.10  44 iPc    53 23.54   0.9
ELUQ    81.20  47 iPc    53 24.53   1.3
ERON    81.29  48 iPd    53 24.39   0.6
EGUA    81.38  48 iPc    53 24.04   0.0
CER     81.44 122 iPc    53 05.50 -19.1X
        0.8s    133.00nm
                  i      53 54.00
ERUA    81.53  42 iPc    53 25.70   1.0
ECOG    81.57  48 iPd    53 25.88   0.7
SBA     81.71 190 eP     53 25.90   0.8
EBAN    81.81  47 iPc    53 27.29   1.0
EMON    81.92  41 iPc    53 27.38   0.6
WIN     81.94 111 eP     53 28.00   0.4
        1.0s    100.00nm          5.5mb
                  e      54 18.00
PAB     82.04  45 iPc    53 28.09   0.5
        1.1s    126.58nm          5.6mb
                  (pP)   54 21.07 218kmX
                  esP    54 45.40
                  iS     03 30.00
ENIJ    82.42  49 iPd    53 29.68   0.2
GUD     82.67  45 iPc    53 31.63   0.8
        1.5s      0.48nm          3.0mb X
POF     82.88 118 iPc    53 33.50   1.5
        1.0s     50.00nm          5.2mb
                  e      54 22.50
EVIA    82.92  47 iPc    53 33.09   0.9
EALH    83.36  48 eP     53 33.81  -0.4
ETOR    84.18  45 iPc    53 39.70   1.3
ECHE    84.41  47 iPd    53 40.79   1.3
ECRI    84.66  43 eP     53 41.49   0.8
VAL     84.66  33 eP     53 41.00   0.7
YKA     84.88 341 eP     53 41.70   0.4
        0.9s    351.70nm          6.1mb
EROQ    85.88  46 iPc    53 47.25   0.5
EGRA    85.95  44 iPc    53 49.79   2.8X
ENSF    86.64  44 P      53 51.11   0.6
EPF     86.73  44 iPc    53 51.30   0.4
        1.2s     58.60nm          5.3mb
SALF    87.19  44 P      53 54.01   0.9
ESEL    87.21  48 iPd    53 53.50   0.3
FRS     87.31 120 eP     53 54.60   0.7
        1.4s     60.00nm          5.2mb

                  e      54 44.50
PAND    87.34  45 P      53 54.70   0.7
GRM     87.35 124 eP     53 55.00   0.8
LESF    87.37  44 P      53 53.86   0.0
TRGS    87.62  45 P      53 55.95   0.6
BOSA    87.70 119 eP     53 55.20  -0.6
LSPF    87.75  44 P      53 55.78   0.1
LFF     87.78  42 iPc    53 55.70   0.0
        1.0s    118.00nm          5.7mb
MFF     87.90  40 iPc    53 56.00  -0.3
        1.3s    131.75nm          5.6mb
VDCF    87.93  45 P      53 57.21   0.6
LPF     87.95  39 iPc    53 55.80  -0.7
        1.2s    114.85nm          5.6mb
LPO     87.96  43 iPc    53 56.60  -0.1
        1.3s    101.45nm          5.5mb
GRR     88.21  39 iPc    53 57.20  -0.6
        1.1s     97.20nm          5.6mb
BLF     88.22 120 iPd    53 58.50   0.0
        0.8s     66.00nm          5.5mb
PERF    88.23  45 P      53 58.16   0.1
RJF     88.43  42 iPc    53 58.50  -0.4
        0.9s     49.30nm          5.4mb
     Z  20s      0.32um           4.7Msz
FLN     88.60  38 iPc    53 59.10  -0.5
        1.2s    123.15nm          5.7mb
     Z  24s      0.45um           4.8MszX
CAF     88.63  43 iPc    53 59.60  -0.3
        1.3s     99.30nm          5.5mb
LDF     88.74  39 iPc    53 59.70  -0.6
        1.1s     99.15nm          5.6mb
LSF     88.81  41 iPc    54 00.20  -0.5
        1.3s    105.40nm          5.6mb
TCF     89.26  41 iPc    54 02.10  -0.7
        1.1s     56.15nm          5.4mb
MAF     89.46  42 iPc    54 03.30  -0.4
        1.0s     55.20nm          5.4mb
LBL     89.52  43 P      54 04.27   0.1
PYM     89.57  42 P      54 04.17  -0.1
AKU     89.59  19 iPc    54 04.90   1.0
        1.4s     83.72nm          5.5mb
KSR     89.74 117 eP     54 05.00  -0.8
        1.0s    130.00nm          5.8mb
                  e      55 56.00
AGO     89.76  42 P      54 04.77  -0.3
BGF     89.77  41 iPc    54 04.60  -0.5
        0.8s     63.40nm          5.6mb
SIT     89.79 330 eP     54 05.30   0.4
        1.1s     68.50nm          5.5mb
HYF     89.91  41 eP     54 05.50  -0.3
PLDF    90.05  42 P      54 06.44  -0.1
AVF     90.18  41 iPc    54 06.30  -0.7
        1.0s     36.00nm          5.3mb
SSF     90.38  41 iPc    54 07.00  -0.9
        1.2s     58.90nm          5.4mb
SMF     90.44  42 iPc    54 07.80  -0.4
        1.0s     88.80nm          5.7mb
CDR     90.64  45 iPc    54 09.40   0.2
LBF     90.65  41 iPc    54 08.30  -0.9
        1.2s     41.05nm          5.3mb
MAW     90.67 164 eP     54 09.00   0.0
        1.0s     31.70nm          5.3mb
LOR     90.68  41 iPc    54 08.40  -0.9
        1.2s     45.20nm          5.3mb
     Z  22s      0.30um           4.7Msz
LRG     90.97  45 iPc    54 11.00   0.3
        1.4s    148.10nm          5.8mb
     Z  22s      0.47um           4.9Msz
SLR     90.97 117 iPc    54 11.00  -0.4
        1.0s     40.00nm          5.4mb
     Z  18s      6.10um           6.1MszX
                  e      55 02.10
LMR     91.03  45 iPc    54 11.10   0.2
        1.2s     88.65nm          5.7mb
RES     91.07 354 eP     54 11.50   1.0
        1.0s     11.00nm          4.8mb
FRF     91.20  45 iPc    54 11.90   0.1
        1.4s    115.00nm          5.7mb
CALN    91.43  45 P      54 13.30   0.3
MVIF    91.66  45 P      54 14.26   0.2
REVF    91.75  45 P      54 14.54   0.2
RRL     91.75  44 P      54 14.79   0.2
TOUF    91.76  45 P      54 14.39  -0.2
AURF    91.77  45 P      54 14.67   0.2
PZZ     91.83  44 P      54 15.15   0.3
SBF     91.84  45 iPc    54 14.80   0.0
        1.0s     50.60nm          5.5mb
```

16d 18h

AUTN 91.88 45 P 54 14.95 -0.2
STV 91.89 45 P 54 15.47 0.4
LPL 91.92 43 iPc 54 15.90 0.6
1.0s 48.80nm 5.5mb
LPG 91.93 43 iPc 54 16.10 0.7
1.0s 48.20nm 5.5mb
ENR 91.95 45 P 54 15.06 -0.3
SAOF 91.96 45 P 54 15.49 0.2
BHB 92.05 44 P 54 14.83 -0.8
SNF 92.14 38 iPc 54 15.02 -0.8
RSP 92.15 44 P 54 16.48 0.2
DOU 92.17 38 Pd 54 16.20 0.2
S 04 38.00
LSD 92.18 43 P 54 16.94 0.4
ROB 92.28 45 P 54 15.93 -0.9
UCC 92.29 38 P 54 17.00 0.5
FIN 92.48 45 P 54 16.99 -0.7
BFT 92.50 117 eP 54 20.00 1.5
0.7s 16.00nm 5.2mb
HAU 92.52 41 iPc 54 17.20 -0.6
1.1s 27.10nm 5.2mb
DIX 92.56 43 ePc 54 18.70 0.4
LOMF 92.60 42 P 54 17.95 -0.3
BSF 92.74 41 iPc 54 18.20 -0.7
1.2s 40.45nm 5.4mb
PCP 92.81 45 P 54 18.68 -0.6
MMK 92.91 43 ePc 54 20.50 0.6
MOF 92.96 41 P 54 19.33 -0.6
WLF 92.96 39 iPc 54 19.67 0.0
1.4s 23.30nm 5.1mb
BBS 93.07 42 P 54 19.87 -0.5
ECH 93.10 41 P 54 20.02 -0.4
MEM 93.20 38 iPc 54 20.52 -0.2
ENN 93.20 38 eP 54 20.50 -0.3
1.1s 44.70nm 5.5mb
CDF 93.24 41 iPc 54 20.70 -0.4
1.1s 33.20nm 5.4mb
WLS 93.29 41 P 54 20.69 -0.6
LIBD 93.36 41 P 54 21.24 -0.3
APL 93.38 42 ePc 54 22.00 0.2
TMA 93.53 43 ePc 54 22.20 -0.4
FEL 93.53 41 P 54 22.21 -0.3
ZLA 93.65 42 ePc 54 23.20 0.2
LANF 93.76 40 P 54 23.16 -0.3
SRBF 93.76 40 P 54 23.45 0.0
SLE 93.80 42 ePc 54 23.50 -0.2
HOFF 93.84 40 P 54 23.99 0.2
LLS 93.85 43 ePc 54 24.10 0.0
WTS 94.14 37 eP 54 25.00 0.0
1.0s 38.50nm 5.5mb
WIT 94.33 36 eP 54 27.50 1.6
OSS 94.54 43 ePc 54 27.10 -0.2
TNS 94.55 39 iPc 54 27.00 -0.1
INK 94.64 341 eP 54 27.00 -0.1
1.0s 64.00nm 5.8mb
BALM 94.79 332 P 54 27.50 -0.6
OGA 95.17 43 iPc 54 30.40 0.1
1.1s 28.00nm 5.4mb
MOTA 95.36 42 iPc 54 30.70 -0.3
SQTA 95.40 43 iPc 54 31.00 -0.1
1.0s 54.80nm 5.8mb
i 58 23.10
WATA 95.67 43 iPc 54 32.10 -0.3
i 58 22.20
WTTA 95.69 43 iPc 54 32.30 -0.2
0.9s 47.40nm 5.8mb
i 58 21.80
FUR 95.71 42 iPc 54 32.50 0.1
1.3s 170.00nm 6.2mb
MBC 95.88 350 eP 54 43.50 10.9X
0.9s 20.00nm
GRFO 96.10 40 ePc 54 34.09 0.0
GRF 96.10 40 iPc 54 34.40 0.3
Z 21s 0.30um 4.7Msz
e(pP) 55 27.70 216kmX
e(sP) 56 03.60
e(PP) 58 25.20
KLU 96.57 332 P 54 35.00 -1.0
pP 55 28.40 216kmX
MOX 96.61 39 iPc 54 36.50 0.1
ePP 58 33.00
eSKS 05 00.00
eS 05 42.00
eSS 12 24.00
KBA 96.76 43 iPc 54 36.80 -0.6
1.0s 15.30nm 5.3mb
i 54 48.40

i 58 27.90
i 58 32.40
MUD 96.86 33 iP 54 38.30 1.0
1.1s 48.00nm 5.7mb
TOA 96.89 333 eP 54 37.10 -0.3
1.1s 155.50nm 6.3mb
WET 97.00 41 iPc 54 38.50 0.3
1.3s 56.00nm 5.7mb
KHC 97.44 41 Pc 54 40.50 0.3
1.3s 18.10nm 5.3mb
e 54 55.00
e 55 26.00
PP 58 39.00
GEC2 97.44 41 P 54 39.70 -0.6
0.9s 10.62nm 5.2mb
e 58 26.40
e 58 33.60
e 58 39.90
e 04 58.40
CLL 97.63 39 iPc 54 41.40 0.5
1.6s 34.00nm 5.5mb
VBY 97.65 45 eP 54 41.20 0.0
iPP 58 41.20
PMR 98.06 332 eP 54 42.10 -0.5
0.9s 16.10nm 5.5mb
BRG 98.10 40 iPc 54 43.40 0.4
2.0s 44.00nm 5.5mb
PRU 98.25 41 iPc 54 44.20 0.4
1.4s 27.40nm 5.5mb
PP 58 43.40
SLKM 98.26 331 P 54 42.80 -0.8
pP 55 39.20 230kmX
COL 98.47 335 ePDIFc54 44.43 0.0
FBA 98.47 335 iPc 54 44.50 0.1
0.5s 22.00nm 5.8mb
ZST 99.49 43 iPc 54 49.40 -0.1
ePP 58 45.80
OKC 100.49 41 ePdiff54 54.50 0.5
SVW 100.97 330 ePdiff54 54.60 -1.3
0.9s 8.30nm 5.3mb
IMA 101.14 336 ePdiff54 56.40 -0.3
1.0s 10.20nm 5.3mb
SKO 101.30 49 iPdiff54 57.70 -0.1
i 59 09.50
VAY 102.02 50 ePdiff55 01.00 0.0
i 59 13.30
NUR 105.56 31 iPKP 59 39.60 11.0X
0.9s 9.30nm
ANM 105.82 333 Pdiff 55 15.80 -1.5
KAF 106.43 29 iPKP 59 44.30 14.1X
0.9s 18.80nm
ILT 110.93 337 ePdiff55 38.00 -1.9
OBN 112.03 36 iPKPc 59 41.10 0.1
1.0s 41.00nm
e 00 27.00
i 06 06.00
eSP 09 54.00
eSPP 11 20.00
eSS 15 48.00
eSSS 20 00.00
MOS 112.55 36 ePKP 59 42.00 0.1
e 00 27.00
e 02 58.00
KIV 116.93 48 ePKP 59 51.20 0.2
e 01 01.00
ePS 10 26.50
e 12 13.00
eSS 16 45.00
PYA 117.19 48 ePKP 59 51.10 -0.2
KER 120.95 59 iPKPc 59 58.00 -0.9
STKA 124.05 213 ePKP 00 03.60 -1.2
6.0s 196.90nm
e 00 55.80
iSKP 03 21.60
e 06 40.60
SVE 124.48 30 iPKPc 00 05.50 0.7
1.8s 85.00nm
KAT 127.68 52 iPKP 00 13.00 1.5
ASH 129.54 53 ePKP 00 16.50 1.4
MAIO 130.77 55 iPKPc 00 18.50 0.8
0.9s 19.18nm
YAK 131.17 348 ePKP 00 06.90 -10.5X
1.2s 186.00nm
MUN 132.63 188 ePKP 00 20.50 -0.7
ASPA 134.66 212 ePKP 00 23.80 -1.5
ipPKP 01 15.80
iSKP 03 35.40

iPKS 04 44.10
MRWA 135.38 188 ePKP 00 26.00 -0.5
0.3s 4.00nm
e 03 39.00
BOD 137.34 356 ePKP 00 17.10 -12.2X
WB2 137.45 215 iPKPc 00 16.50 -14.2X
0.9s 22.50nm
i 00 29.30
i 01 20.80
iSKP 03 44.40
i 06 07.20
WRA 137.46 215 PKP 00 15.10 -15.6X
0.6s 2.40nm
WRA 137.46 215 PKP 00 27.40 -3.3X
1.0s 7.40nm
WRA 137.46 215 PKP 00 33.50 2.8X
1.0s 4.00nm
WRA 137.46 215 PKP 00 39.50 8.8X
1.1s 1.60nm
YSS 138.11 326 ePKP 00 20.00 -11.1X
i 00 30.70
e 03 22.00
KUSJ 139.21 320 ePKP 00 22.20 -11.0X
FRU 139.29 40 (PKP) 00 26.00 -7.4X
2.0s 140.00nm
i 00 35.00
ASAJ 139.89 323 ePKP 00 26.50 -7.9X
HOOJ 140.47 320 ePKP 00 27.60 -7.8X
MBL 142.48 196 ePKP 00 33.00 -6.6X
IRK 142.82 5 ePKP 00 34.00 -5.3X
1.4s 92.00nm
e 00 40.50
e 01 35.50
e 03 46.00
CIT 143.21 356 ePKP 00 37.50 -2.5
OFUJ 143.27 316 ePKP 00 36.60 -3.9X
AOMJ 143.31 319 ePKP 00 37.70 -2.8
ZAK 144.57 7 iPKPc 00 41.50 -0.8
1.4s 1311.00nm
e 04 06.00
YAMJ 144.84 316 ePKP 00 42.10 -1.1
MTN 144.94 218 ePKP 00 42.00 -2.0
0.4s 79.00nm
POO 145.57 79 iPKPc 00 46.80 1.8
1.0s 210.00nm
KAKJ 145.75 313 PKP 00 44.20 -0.5
GUA 145.88 272 ePKP 00 45.30 -0.3
1.1s 253.16nm
GUMO 145.93 272 ePKP 00 44.10 -1.5
1.1s 347.00nm
e 01 36.20
PJG 145.93 272 ePKPc 00 45.20 -0.4
NIIJ 146.03 316 PKP 00 46.00 0.8
CHJJ 146.65 314 PKP 00 47.20 0.9
MAJO 146.94 315 ePKP 00 46.76 0.0
iPKPbc00 49.07
e 01 38.74
e 01 58.27
MAT 146.94 315 ePKP 00 47.00 0.3
NDI 147.16 60 iPKPc 00 49.20 1.9
1.0s 250.00nm
MTMJ 147.19 316 PKP 00 47.70 0.5
IIDJ 147.70 314 PKP 00 48.80 0.8
GBA 148.72 89 PKPc 00 50.50 0.4
0.5s 999.90nm
TSRJ 149.00 315 PKP 00 50.80 0.8
WKYJ 149.98 314 ePKP 00 52.40 0.8
WKYJ 149.98 314 PKP 00 52.80 1.2
HYB 150.04 82 ePKPc 00 52.50 0.4
1.0s 240.00nm
e 00 58.00
e 01 51.00
YONJ 150.87 317 PKP 00 53.40 0.6
TKSJ 151.18 315 PKP 00 53.90 0.6
PYUN 152.15 58 PKP 01 13.24 18.0X
DANN 152.68 57 PKP 00 57.20 1.1
DANN 152.68 57 PKP 01 14.86 18.8X
1.1s 821.00nm
KOLN 152.77 58 PKP 00 56.40 0.3
1.4s 340.00nm
GKN 153.53 57 PKP 00 57.60 0.5
DMN 154.07 58 PKP 00 57.96 0.0
1.2s 208.00nm
KKN 154.14 57 PKP 00 58.52 0.5
0.7s 66.00nm
KUMJ 154.22 316 PKP 00 58.20 0.6
PKI 154.33 57 PKP 00 58.52 0.1

1.2s 129.00nm
GUN 154.57 56 PKP 00 59.68 1.0
1.3s 262.00nm
BJI 154.66 348 ePKP 00 59.50 1.6
e 01 07.00
KAGJ 154.96 313 PKP 01 07.80 9.1X
RAMN 155.55 58 PKP 01 00.60 0.7
1.1s 150.00nm
ODAN 156.23 57 PKP 01 01.34 0.5
1.0s 90.00nm
TAPN 156.28 56 PKP 01 01.56 0.6
LSA 157.67 47 ePKPc 01 03.77 0.9
ePKPab01 35.23
LZH 158.60 13 iPKPc 01 04.60 1.3
pPKP 01 35.00
SSE 161.05 328 PKPc+ 01 07.00 1.2
XAN 161.28 2 iPKPc 01 06.77 0.8
ePKPab01 49.31
IPM 166.39 140 ePKPd 01 11.80 0.6
KMI 168.20 33 ePKPc 01 13.25 0.7
ePKPab02 21.29
CHTO 169.11 69 ePKPd 01 13.00 0.1
1.2s 28.13nm
S.D. = 1.0 on 401 of 442 obs.

% JUN 16, 1994 18h 46m 08.30± 1.04s
26.753 S ±11.0km 26.284 E ±12.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

SWZ 0.96 243 eP 46 25.90 -1.2
S 46 43.00
KSR 1.04 32 eP 46 30.00 1.4
S 46 43.00
SEK 1.97 143 eP 46 42.00 -0.8
S 47 03.10
BOSA 2.01 202 eP 46 44.00 0.8
S 47 16.20
SLR 2.06 61 eP 46 42.60 -1.5
S 47 05.00
BLF 2.35 182 eP 46 49.50 1.2
S.D. = 1.7 on 6 of 6 obs.

% JUN 16, 1994 19h 23m 56.65± 2.30s
38.802 N ±13.6km 26.599 E ±22.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.0 (ISK).

IZM 0.66 128 ePg 24 09.80 0.0
eSg 24 20.50
EZN 1.04 348 iPn 24 16.20 -0.1
EDC 1.83 32 ePn 24 28.00 -0.3
KCT 1.98 43 ePn 24 30.70 0.1
MFT 2.05 15 ePn 24 32.00 0.4
S.D. = 0.3 on 5 of 5 obs.

& JUN 16, 1994 19h 50m 14.82s
40.683 N 124.551 W
DEPTH = 25.7km
NEAR COAST OF NORTHERN CALIF. (35)
<GM-P>. MD 2.8 (GM).

KMPM 0.42 129 eP 50 23.13 -0.7
eS 50 30.39
WDC 1.53 93 eP 50 39.25 -1.5
LBFM 2.12 71 eP 50 49.08 -0.4
ORV 2.60 115 eP 50 53.61 -2.5
4 obs. associated

? JUN 16, 1994 20h 36m 36.69± 1.22s
59.356 N ±10.9km 6.038 E ± 7.7km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 1.5 (BER).

BLS5 0.22 72 iPc 36 41.54 0.0
0.4s 97.80nm
eS 36 44.59
e 36 46.22
KMY 0.43 251 eP 36 45.46 0.0
eS 36 51.57
EGD 1.01 336 eP 36 56.00 0.3
eS 37 11.12
ASK 1.21 340 eP 36 58.84 -0.3
0.9s 34.10nm
eS 37 14.92
S.D. = 0.4 on 4 of 4 obs.

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* JUN 16, 1994 20h 56m 06.61± 0.81s
51.508 N ± 8.3km 7.481 E ± 5.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.0 (LDG), 2.8 (BNS), 2.7
(CLL), 2.6 (UCC).

BNS 0.58 200 iPgc 56 19.80 1.5
0.8s 262.00nm
iSg 56 30.90
WTS 0.64 320 iPgc 56 19.90 0.4
0.5s 69.00nm
ENN 1.23 234 iPg 56 31.50 2.0
0.7s 36.30nm
eSg 56 49.50
MEM 1.29 227 iPc 56 32.12 1.6
id 56 32.72
iS 56 51.66
WLF 2.03 205 iPnc 56 43.70 2.5
iPgd 56 46.34
iSn 57 12.31
SNF 2.25 245 P 56 45.40 1.0
DOU 2.31 233 P 56 46.80 1.5
i 56 52.90
MOX 2.75 107 (Pg) 56 59.00 7.5X
iSg 57 33.00
CDF 3.10 183 Pn 56 56.70 0.1
Sg 57 47.50
CLL 3.46 91 iPg 57 11.00 9.4X
eSg 58 00.00
HAU 3.58 192 Pn 57 03.60 0.2
Sg 58 07.00
BSF 3.71 187 Pn 57 04.90 -0.4
BRG 4.12 96 iPg 57 10.00 -0.9
eSg 58 20.00
KHC 4.57 119 eP 57 19.50 2.1
1.0s 5.40nm
e 58 24.50
e 28 39.50
PRU 4.73 106 eP 57 19.30 -0.4
e 57 38.50
e 58 39.50
GEC2 4.80 121 Pn 57 20.80 0.0
LOR 4.86 211 Pn 57 20.80 -0.7
Sg 58 48.20
LBF 5.08 208 Pn 57 22.90 -1.6
Sg 58 54.60
SSF 5.15 212 Pn 57 24.30 -1.3
Sg 58 55.70
SMF 5.42 208 Pn 57 28.00 -1.4
AVF 5.44 211 Pn 57 28.00 -1.7
LDF 5.70 242 Pn 57 32.70 -0.6
FLN 5.81 245 Pn 57 34.10 -0.7
BGF 5.82 213 Pn 57 33.70 -1.2
Pg 57 57.30
Sn 58 40.10
Sg 59 17.30
GRR 6.22 243 Pn 57 39.80 -0.8
LPF 6.52 241 Pn 57 43.90 -1.0
S.D. = 1.3 on 24 of 26 obs.

% JUN 16, 1994 21h 02m 53.39± 0.70s
38.678 N ± 6.3km 27.370 E ±12.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.2 (ISK).

IZM 0.29 197 ePg 02 59.50 0.0
eSg 03 04.30
EZN 1.40 325 iPn 03 19.20 0.2
EDC 1.71 13 ePn 03 24.00 0.6
BNT 1.73 14 ePn 03 23.60 -0.1
KCT 1.74 26 ePn 03 23.60 -0.3
MFT 2.11 358 ePn 03 28.60 -0.6
CTT 2.60 18 ePn 03 36.00 -0.1
HRT 2.78 39 ePn 03 39.00 0.2
S.D. = 0.4 on 8 of 8 obs.

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* JUN 16, 1994 21h 08m 44.44± 0.66s
35.191 N ± 6.6km 3.995 W ± 8.6km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.4 (MDD). MD 3.2 (RBA).

EMEL 0.86 82 eP 09 01.07 0.1
eS 09 09.50
TAF 1.35 106 iPg 09 10.00 0.6
iSg 09 26.00
i 09 28.00
EGUA 1.68 12 eP 09 12.61 -1.3
eS 09 33.80
PLAT 1.71 303 eP 09 22.00 7.5X
EJIF 1.74 317 eP 09 18.29 3.5X
eS 09 39.70
ERON 1.83 5 eP 09 15.14 -1.2
eS 09 37.40
IFR 1.92 210 iPn 09 19.00 1.4
i 09 20.00
iSn 09 40.30
ELOJ 1.96 356 eP 09 19.13 1.0
eS 09 41.90
ALJ 1.97 319 eP 09 22.00 3.7X
ECOG 2.11 9 eP 09 20.88 0.5
eS 09 46.10
ENIJ 2.29 39 eP 09 21.20 -1.7
eS 09 46.00
ELUQ 2.37 355 eP 09 26.03 1.9
eS 09 53.30
EHUE 2.85 23 eP 09 31.22 0.3
eS 10 02.50
AVE 3.40 237 ePn 09 38.00 -0.6
i 09 46.00
eSn 10 16.00
i 10 18.50
TIO 5.06 214 iPn 10 01.00 -1.3
iSn 10 57.50
S.D. = 1.3 on 12 of 15 obs.

JUN 16, 1994 22h 11m 51.89± 0.81s
24.342 S ± 5.9km 66.928 W ± 7.0km
DEPTH = 176.8 ± 7.3 km
4.9mb (16 obs.)
SALTA PROVINCE, ARGENTINA (129)

MOCB 3.30 21 P 12 47.50 2.4
CCH 6.96 6 P 13 34.50 1.8
ZON 7.34 192 eP 13 35.30 -2.2
LPB 7.85 352 P 13 45.70 1.1
S 15 12.00
LPAZ 8.09 352 P 13 45.30 -2.7
ARE 8.93 331 eP 13 55.00 -3.7X
iS 15 29.00
SIV 9.96 35 P 14 09.80 -2.1
UFRS 15.16 115 eP 15 19.00 0.7
VAO 18.33 90 eP 15 55.90 0.3
BAO 19.77 68 Pd 16 10.80 0.3
SOB1 29.03 63 (P) 17 37.00 -0.6
HBF 58.38 347 eP 21 30.30 -0.5
SGS 58.66 347 eP 21 32.34 -0.4
NAV 62.70 348 eP 21 59.02 -1.0
MIAR 63.79 336 eP 22 05.77 -1.4
0.8s 15.58nm 4.9mb
LTX 63.99 324 eP 22 07.33 -1.3
SPA 65.81 180 iPc 22 20.10 0.1
0.7s 3.52nm 4.3mb
FVM 65.81 340 eP 22 18.24 -1.8
1.0s 48.42nm 5.3mb
BINY 66.73 353 eP 22 25.47 -0.3
0.9s 27.01nm 5.0mb
RSNY 68.91 354 eP 22 38.43 -0.8
ALQ 69.86 326 iPd 22 45.32 -0.2
0.8s 16.03nm 4.8mb
LMN 69.88 2 eP 22 44.50 -0.6
TUC 70.19 321 eP 22 48.06 0.7
JFWS 70.29 342 eP 22 51.95 4.3X
0.8s 20.92nm 5.0mb
GOL 73.12 330 eP 23 04.59 -0.2
1.3s 19.50nm 4.7mb
PV09 73.97 327 (P) 23 10.52 0.6
PEC 75.06 319 eP 23 16.12 0.3
0.8s 18.34nm 4.9mb
RUV 75.36 260 eP 23 18.00 0.1
1.2s 63.10nm 5.2mb
MSU 75.54 325 eP 23 19.42 0.7
VAH 75.56 260 eP 23 20.20 1.2
1.0s 68.80nm 5.3mb
TPT 75.65 260 eP 23 20.90 1.4
1.0s 56.80nm 5.3mb
ARUT 75.69 324 eP 23 20.47 1.0
GSC 75.82 320 eP 23 19.82 -0.4
PMO 75.89 260 eP 23 22.20 1.4
0.9s 58.00nm 5.3mb

16d 22h

TPNV 76.65 321 eP 23 25.59 0.7
ABL 76.96 318 eP 23 26.36 -0.3
DUG 77.12 326 eP 23 27.91 0.5
1.0s 12.25nm 4.6mb
BW06 77.48 329 eP 23 28.65 -0.7
1.0s 5.63nm 4.3mb
JAQ 78.19 355 eP 23 31.50 -1.2
HVU 78.28 327 eP 23 33.71 0.0
BONR 78.52 321 eP 23 36.00 0.7
ULM 78.57 342 eP 23 37.00 2.1
MEMM 78.69 320 eP 23 36.30 0.5
PTI 78.89 328 eP 23 37.83 0.8
KVN 79.16 322 eP 23 39.00 0.4
HHAI 79.22 328 eP 23 38.38 -0.3
BOSA 80.65 117 eP 23 46.80 0.3
BLF 81.08 118 eP 23 50.00 1.0
LRM 81.15 330 ePd 23 49.50 0.5
ORV 81.44 320 eP 23 49.35 -1.0
LBFM 82.85 322 eP 23 57.96 0.1
SLR 84.13 115 eP 24 04.00 -0.7
NEW 85.11 329 eP 24 08.36 -0.4
0.6s 3.88nm 4.4mb
DPW 85.35 328 eP 24 10.18 0.2
PAB 86.28 43 iPc 24 16.50 1.7
RMW 86.85 326 eP 24 16.81 -0.6
BMW 86.93 325 eP 24 17.84 0.1
MCW 88.17 327 eP 24 23.47 -0.1
YKA 94.47 340 eP 24 51.70 -0.7
0.7s 5.00nm 4.8mb
ASPA 128.17 205 ePKP 30 38.70 -0.5
0.6s 6.70nm
WB2 131.35 207 ePKP 30 45.00 -0.2
0.5s 6.40nm
WRA 131.35 207 PKP 30 46.00 0.7
0.9s 2.40nm
GBA 144.75 101 PKPd 31 09.30 -0.5
0.6s 12.00nm
NDI 147.70 74 ePKP 31 13.50 -0.8
S.D. = 1.0 on 62 of 64 obs.

% JUN 16, 1994 22h 35m 04.92± 0.76s
37.264 N ± 8.2km 3.801 W ±10.9km
DEPTH = 33.0km (normal)
SPAIN (377)
mbLg 2.0 (MDD).

ECOG 0.19 86 eP 35 11.69 0.1
eS 35 16.50
ERON 0.25 181 eP 35 11.98 -0.2
eS 35 17.40
ELOJ 0.30 248 eP 35 12.97 0.1
eS 35 18.10
EGUA 0.47 156 eP 35 15.14 0.0
eS 35 22.50
EBAN 0.90 1 eP 35 21.12 -0.1
eS 35 33.10
S.D. = 0.2 on 5 of 5 obs.

? JUN 16, 1994 22h 54m 46.34± 2.65s
38.503 S ±30.8km 175.684 E ±14.0km
DEPTH = 220.0km (geophysicist)
NORTH ISLAND, NEW ZEALAND (159)

WAHZ 1.30 157 P 55 20.40 -0.2
S 55 45.60
TTH 1.37 140 P 55 21.00 0.0
S 55 46.90
MNG 2.12 184 P 55 28.00 0.1
S 55 59.40
PGZ 2.16 168 P 55 28.30 0.0
KIW 2.43 194 P 55 31.20 0.1
CAW 2.65 190 P 55 33.80 0.3
DIW 2.67 210 P 55 34.20 0.5
AMW 2.80 179 P 55 35.10 -0.1
MRW 2.83 195 P 55 35.60 0.1
eS 56 13.50
WEL 2.87 194 P 55 36.20 0.3
TCW 2.92 201 eP 55 36.40 -0.1
MOW 2.93 186 P 55 36.40 -0.3
THZ 3.89 212 eP 55 48.00 -0.1
LTZ 5.00 210 eP 56 01.20 -0.7
MQZ 5.68 203 P 56 09.30 -1.1X
S.D. = 0.3 on 14 of 15 obs.

% JUN 16, 1994 23h 18m 04.84± 0.95s
35.307 N ± 7.9km 3.991 W ±10.6km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.3 (MDD).

EMEL 0.85 90 eP 18 21.45 0.3
eS 18 33.40
TAF 1.38 110 iPg 18 30.00 -0.2
iSg 18 47.00
EGUA 1.56 13 eP 18 31.14 -1.5
eS 18 50.60
ERON 1.71 5 eP 18 35.50 0.5
eS 18 57.00
ECOG 2.00 10 eP 18 40.06 1.0
eS 19 02.50
IFR 2.02 208 iPg 18 39.50 0.0
iSg 19 01.50
S.D. = 1.1 on 6 of 6 obs.

% JUN 17, 1994 00h 02m 29.42± 0.84s
35.345 N ± 7.1km 4.013 W ± 9.6km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.3 (MDD).

EMEL 0.86 93 eP 02 45.13 -0.9
eS 02 56.50
TAF 1.41 112 ePg 02 56.50 1.3
iSg 03 13.00
EGUA 1.53 14 eP 02 55.25 -1.6
eS 03 14.40
ERON 1.68 6 eP 02 58.63 -0.5
eS 03 20.70
ELOJ 1.80 356 eP 03 00.90 0.1
eS 03 24.20
ECOG 1.96 10 eP 03 04.01 0.8
eS 03 27.60
IFR 2.04 207 iPn 03 04.00 -0.4
iSg 03 25.00
ELUQ 2.22 355 eP 03 08.11 1.2
eS 03 32.90
EHOR 2.67 338 eP 03 12.96 -0.2
eS 03 45.50
S.D. = 1.1 on 9 of 9 obs.

JUN 17, 1994 00h 29m 26.06± 0.43s
41.666 S ± 7.2km 174.322 E ± 6.4km
DEPTH = 30.5 ± 5.7 km
3.8mb (1 obs.)
COOK STRAIT, NEW ZEALAND (163)
ML 4.1 (WEL).

CCW 0.12 223 Pd 29 31.40 -0.2
eS 29 35.00
TCW 0.45 356 Pd 29 34.60 -1.2
eS 29 39.90
WEL 0.51 42 P 29 36.00 -0.6
S 29 43.00
MRW 0.52 34 P 29 35.90 -0.9
eS 29 42.80
MOW 0.74 71 P 29 40.90 0.6
CAW 0.79 45 P 29 40.80 -0.2
DIW 0.91 341 P 29 42.80 0.0
KIW 0.92 29 Pc 29 42.80 0.0
THZ 1.07 264 P 29 46.70 1.7
eS 30 01.90
AMW 1.14 72 P 29 47.10 1.1
MNG 1.36 40 P 29 50.40 1.2
eS 30 08.30
PGZ 1.81 55 P 29 55.40 -0.2
DSZ 1.89 267 P 29 59.50 2.7X
LTZ 1.89 233 P 29 58.70 1.9
MQZ 2.38 211 P 30 03.60 -0.2
eS 30 32.50
WAHZ 2.50 39 P 30 05.40 -0.2
ODZ 4.31 217 P 30 30.00 -1.2
eS 31 18.20
BWZ 4.33 227 eP 30 30.70 -0.8
TUZ 5.47 217 P 30 46.20 -1.3
WRA 40.12 290 P 37 01.20 0.4
0.4s 0.70nm 3.8mb
S.D. = 1.0 on 19 of 20 obs.

JUN 17, 1994 00h 32m 54.17± 0.66s
44.387 N ± 3.8km 6.870 E ± 5.5km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 2.3 (GEN), 1.9 (LDG).

FOUF 0.16 336 ePg 32 57.12 -0.3
eSg 32 59.78
PZZ 0.20 54 P 32 59.28 0.9
S 33 03.03
ISO 0.24 147 ePg 32 58.28 -0.8
e(Sg) 33 01.50
STV 0.36 113 P 33 01.39 0.0
S 33 06.56
ENR 0.43 112 P 33 02.53 -0.2
S 33 08.53
BHB 0.53 32 P 33 04.98 0.1
S 33 12.65
RRL 0.54 354 P 33 04.80 -0.2
S 33 12.55
SBF 0.66 142 Pg 33 08.40 1.0
Sg 33 15.30
ROB 0.72 97 P 33 08.18 -0.5
FRF 0.84 191 Pg 33 11.30 0.4
Sg 33 20.80
FIN 0.98 100 P 33 12.76 -0.5
LRG 1.00 202 Pg 33 15.30 1.7X
Sg 33 26.20
LMR 1.08 194 Pg 33 17.10 2.1X
Sg 33 28.10
S.D. = 0.6 on 11 of 13 obs.

? JUN 17, 1994 01h 09m 27.79± 0.86s
29.670 N ±12.5km 140.782 E ±33.3km
DEPTH = 33.0km (normal)
4.3mb (5 obs.)
SOUTH OF HONSHU, JAPAN (211)

CHJJ 6.54 347 P 11 08.50 4.4X
OFUJ 9.42 4 eP 11 43.20 -1.0
eS 13 21.60
WRA 49.71 188 P 18 18.10 -0.7
0.6s 0.90nm 4.0mb
KAF 74.63 334 iP 21 05.70 0.5
0.4s 2.90nm 4.6mb
NUR 76.21 333 iP 21 14.80 0.6
0.3s 2.40nm 4.7mb
LRM 79.84 43 eP 21 35.50 0.7
e 21 57.50
HFS 80.58 336 eP 21 37.80 -0.3
0.4s 1.30nm 4.3mb
NB2 80.77 338 P 21 39.20 0.1
0.6s 0.90nm 3.9mb
S.D. = 0.8 on 7 of 8 obs.

JUN 17, 1994 01h 25m 24.61± 0.76s
45.094 N ± 6.0km 3.484 E ± 6.1km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 3.1 (LDG).

LBL 0.22 310 Pg 25 30.11 1.0
PYM 0.74 333 Pg 25 39.82 0.5
Sg 25 49.12
PLDF 0.88 6 Pg 25 43.05 1.0
Sg 25 54.73
AGO 0.99 346 Pg 25 44.50 0.6
CAF 1.02 261 Pg 25 43.80 -0.6
Sg 25 56.40
MAF 1.30 331 Pg 25 50.00 0.9
Sg 26 06.20
RJF 1.41 279 Pg 25 50.70 -0.2
Sg 26 07.20
TCF 1.49 324 Pn 25 51.50 -0.6
Pg 25 53.30
Sg 26 11.60
BGF 1.53 343 Pn 25 51.90 -0.7
Pg 25 54.30
Sg 26 13.90
SMF 1.57 9 Pn 25 52.80 -0.4
Pg 25 55.70
Sg 26 15.40
LPO 1.68 257 Pg 25 56.60 1.8
Sg 26 16.40
AVF 1.70 357 Pn 25 54.50 -0.5
Pg 25 56.90
Sg 26 19.80
LSF 1.79 311 Pn 25 55.30 -1.1
Pg 25 58.40
Sg 26 20.10
LBF 1.92 10 Pn 25 58.10 -0.2
Pg 26 02.50
Sg 26 26.10

LFF 1.95 266 Pg 26 01.50 2.8X
Sg 26 25.10
SSF 1.97 0 Pg 26 02.70 3.7X
Sg 26 27.00
LOR 2.19 7 Pg 26 07.20 5.0X
Sg 26 34.40
HYF 2.25 345 Pg 26 08.20 5.1X
Sg 26 36.00
LPL 2.33 78 Pg 26 12.30 7.9X
Sg 26 40.20
LPG 2.34 79 Pg 26 12.30 7.6X
Sg 26 40.60
LESF 2.60 218 Pn 26 12.86 4.8X
VDCF 2.63 198 Pn 26 14.98 6.5X
LRG 2.64 127 Pn 26 08.70 0.2
Pg 26 16.00
FRF 2.74 123 Pg 26 17.80 7.8X
LMR 2.80 128 Pg 26 19.00 8.1X
Sn 26 43.90
MFF 2.95 302 Pn 26 11.50 -1.5
Pg 26 20.20
Sg 26 56.70
EPF 3.06 229 Pg 26 21.90 7.3X
Sg 27 01.00
HAU 3.52 33 Pg 26 32.10 11.0X
Sg 27 18.00
BSF 3.57 39 Pg 26 34.10 12.3X
Sg 27 20.40
S.D. = 1.0 on 16 of 29 obs.

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* JUN 17, 1994 01h 28m 27.49± 2.44s
45.130 N ±12.8km 3.400 E ±17.8km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 1.7 (LDG), 1.0 (STR).

LBL 0.15 313 Pg 28 30.94 0.3
Sg 28 33.58
PYM 0.68 336 Pg 28 40.30 -0.8
Sg 28 50.18
PLDF 0.85 10 Pg 28 43.85 -0.6
Sg 28 55.40
CAF 0.97 258 Pg 28 44.50 -1.9
Sg 28 57.10
MAF 1.24 332 Pg 28 51.00 0.0
Sg 29 06.30
TCF 1.43 325 Pg 28 53.80 -0.3
Sg 29 12.10
BGF 1.48 345 Pg 28 55.00 0.2
Sg 29 14.20
LPO 1.63 255 Pg 28 58.30 1.3
Sg 29 18.40
S.D. = 1.1 on 8 of 8 obs.

? JUN 17, 1994 01h 58m 26.72± 1.05s
11.184 S ±14.4km 113.064 E ±25.7km
DEPTH = 33.0km (normal)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.90 308 iPc 00 08.20 -0.2
iS 01 24.00
NANU 11.56 169 eP 01 12.50 0.0
eS 03 20.00
WOOL 21.37 159 eP 03 17.80 4.3X
NST 29.60 334 eP 04 34.70 3.5X
KMI 37.46 345 eP 05 40.30 1.0
0.6s 10.00nm 4.9mb
BJI 51.04 3 eP 07 27.00 -0.7
S.D. = 1.2 on 4 of 6 obs.

JUN 17, 1994 02h 13m 36.98± 0.56s
34.024 N ± 9.2km 134.631 E ± 4.9km
DEPTH = 10.0km (geophysicist)
4.4mb (1 obs.)
NEAR S. COAST OF WESTERN HONSHU (233)

TKSJ 0.49 265 iPd 13 46.30 -0.5
S 13 53.20
TKSJ 0.49 265 P 13 46.40 -0.4
eS 13 52.10
WKYJ 0.82 76 P 13 52.30 -0.6
eS 14 03.10
YONJ 1.51 321 P 14 03.50 -0.6
S 14 22.60
TSRJ 1.87 36 P 14 09.60 0.3
S 14 32.00
SHNJ 2.93 273 eP 14 25.10 0.7
IIDJ 3.07 61 P 14 26.90 0.5
KUMJ 3.51 246 eP 14 35.00 2.3X
MTMJ 3.64 45 eP 14 35.00 0.3
MAT 3.86 48 iPd 14 37.70 0.1
eS 15 25.00
CHJJ 4.11 59 P 14 41.30 0.1
KAGJ 4.24 229 eP 14 44.70 1.6
WRA 53.66 180 P 22 59.50 -1.5
0.7s 3.10nm 4.4mb
S.D. = 0.9 on 12 of 13 obs.

& JUN 17, 1994 03h 03m 57.11s
63.147 N 150.699 W
DEPTH = 122.5km
CENTRAL ALASKA (1)
<AEIC>.

TRF 0.36 31 eP 04 14.47 -0.6
eS 04 27.97
KTH 0.42 346 eP 04 14.97 -0.3
eS 04 27.71
HUR 0.51 109 eP 04 15.04 -0.6
CUT 0.77 165 eP 04 17.02 -0.5
RND 0.87 72 eP 04 17.97 -0.6
eS 04 33.93
MCK 0.99 53 eP 04 19.17 -0.4
DHY 1.51 91 eP 04 24.92 -0.5
eS 04 46.83
PWA 1.55 165 P 04 25.50 -0.1
S 04 47.20
NEA 1.61 26 eP 04 25.46 -0.8
GHO 1.61 148 eP 04 26.13 -0.3
eS 04 48.76
PLRM 1.72 154 eP 04 26.98 -0.7
PMR 1.72 154 eP 04 26.20 -1.5
SML 1.74 140 eP 04 27.13 -0.8
eS 04 51.17
WRH 1.76 40 eP 04 27.51 -0.7
MLY 1.89 359 eP 04 29.22 -0.6
CCB 1.98 39 iP 04 30.03 -0.8
PMS 1.98 164 P 04 30.40 -0.6
S 04 55.70
KNK 2.03 148 eP 04 30.83 -0.7
CKN 2.05 200 eP 04 32.02 0.2
SPU 2.07 198 eP 04 31.44 -0.7
CKT 2.08 201 eP 04 31.79 -0.4
HDA 2.09 51 eP 04 31.36 -0.9
MDM 2.12 30 eP 04 31.92 -0.8
FBA 2.18 35 iPc 04 32.29 -1.1
BKG 2.21 200 eP 04 33.52 -0.4
TOA 2.34 115 P 04 35.20 -0.3
GLM 2.35 37 eP 04 34.95 -0.7
PAX 2.39 92 eP 04 35.97 -0.2
PTE 2.42 160 eP 04 35.53 -1.0
TTA 2.43 267 eP 04 35.62 -1.1
SDG 2.45 102 eP 04 36.65 -0.2
SLKM 2.66 175 eP 04 39.10 -0.6
TZL 2.68 112 eP 04 39.89 0.0
MPA 2.74 166 eP 04 39.46 -1.2
KLU 2.78 125 eP 04 39.85 -1.5
RS2 2.87 201 P 04 41.60 -1.0
VLZ 2.88 133 eP 04 40.59 -1.9
DOT 3.03 77 eP 04 43.52 -1.0
SVW 3.09 231 eP 04 44.13 -1.2
SEW 3.11 168 eP 04 44.64 -0.9
NNL 3.13 186 eP 04 47.47 1.6
IMA 3.20 338 eP 04 45.46 -1.5
HIN 3.40 142 eP 04 48.18 -1.4
CVA 3.51 136 P 04 50.20 -0.7
HOM 3.53 188 eP 04 51.56 0.4
CNPM 3.64 184 eP 04 52.06 -0.7
GLB 3.64 115 eP 04 51.56 -1.2
47 obs. associated

? JUN 17, 1994 03h 33m 45.17± 4.07s
17.410 S ±31.4km 179.955 E ±29.0km
DEPTH = 567.5 ± 42.0 km
4.9mb (6 obs.)
FIJI ISLANDS (182)

DZM 13.54 248 iPc 36 39.20 -0.4
CNB 32.51 231 iPc 39 32.00 0.6
0.3s 14.00nm 5.1mb
MDG 35.54 286 eP 40 02.00 5.3X
TOO 36.29 229 iPc 40 03.00 0.3
0.3s 23.00nm 5.3mb
WRA 43.19 259 P 40 59.90 1.5
0.7s 4.50nm 4.1mb
FORT 48.81 244 eP 41 40.70 -0.5
WARB 49.98 250 eP 41 50.10 0.2
0.6s 30.00nm 5.0mb
WOOL 54.29 244 iPd 42 19.30 -1.4
MBL 56.59 256 eP 42 36.00 -0.9
NANU 60.37 254 iPd 43 02.40 0.2
0.5s 10.00nm 4.4mb
LZH 89.35 308 eP 45 43.00 0.1
1.0s 22.00nm 5.0mb
KAF 131.66 344 iPKP 51 50.00 -4.8X
EKA 142.07 3 PKP 52 04.00 -10.2X
0.8s 1.40nm
OKC 144.48 340 PKP 52 14.20 -4.3X
CLL 144.62 346 iPKPd 52 14.00 -4.7X
0.8s 26.00nm
BRG 144.79 345 iPKP 52 15.00 -4.0X
0.6s 12.00nm
PRU 145.44 343 iPKPd 52 17.00 -3.1X
0.6s 7.60nm
i 52 19.00
KHC 146.48 344 PKP 52 20.50 -1.4
1.0s 8.90nm
GRF 146.54 347 iPKPc 52 20.40 -1.5
DOU 147.18 354 PKP 52 21.10 -1.8
WLF 147.44 353 iPKPd 52 22.39 -0.9
0.9s 9.80nm
KBA 148.42 342 iPKPd 52 24.10 -1.1
0.4s 6.10nm
CDF 148.51 351 iPKPd 52 24.60 -0.6
0.6s 7.30nm
WATA 148.66 345 iPKPd 52 25.00 -0.5
WTTA 148.71 345 iPKPd 52 25.40 -0.3
0.3s 10.80nm
FLN 148.73 1 iPKPd 52 24.20 -1.2
0.6s 10.10nm
MOTA 148.77 345 iPKPd 52 25.20 -0.5
SQTA 148.86 345 iPKPd 52 25.60 -0.2
0.5s 9.10nm
LDF 148.90 0 iPKPd 52 24.50 -1.1
0.5s 5.30nm
HAU 149.04 352 iPKPd 52 25.60 -0.3
0.4s 4.30nm
GRR 149.10 1 iPKPd 52 25.20 -0.7
0.5s 5.90nm
BSF 149.14 351 iPKPd 52 25.80 -0.4
0.7s 5.85nm
VOY 149.19 341 ePKP 52 26.00 -0.3
VAY 149.25 325 ePKP 52 26.60 0.2
SKO 149.39 328 ePKP 52 27.20 0.6
LPF 149.45 1 iPKPd 52 26.10 -0.4
0.8s 18.65nm
OSS 149.61 346 ePKPd 52 27.80 0.8
APL 149.76 349 ePKPd 52 27.80 0.7
LOR 150.05 355 iPKPd 52 28.00 0.5
0.4s 7.15nm
HYF 150.14 356 ePKP 52 28.40 0.8
SSF 150.29 355 iPKPd 52 28.60 0.8
0.5s 7.85nm
LBF 150.32 354 iPKPd 52 28.50 0.6
0.4s 2.70nm
OHR 150.34 327 ePKP 52 29.80 1.7
TMA 150.44 347 ePKPd 52 29.20 0.9
AVF 150.57 355 iPKPd 52 28.70 0.5
0.6s 2.80nm
BGF 150.84 356 iPKPd 52 29.70 1.1
0.7s 10.70nm
MFF 150.89 0 iPKPd 52 29.40 0.7
0.7s 8.80nm
TCF 151.14 357 iPKPd 52 30.20 1.1
0.7s 4.30nm
MAF 151.19 356 iPKPd 52 30.70 1.5
0.8s 5.10nm
LSF 151.21 358 iPKPd 52 30.10 0.9
0.5s 3.30nm
LPL 151.41 350 iPKPd 52 32.00 2.2X
0.7s 2.75nm
LPG 151.42 350 iPKPd 52 32.20 2.3X
0.5s 1.70nm
RJF 152.16 358 iPKPd 52 32.40 1.8X
0.9s 5.90nm
CAF 152.51 357 iPKPd 52 33.40 2.3X
0.4s 1.55nm
LPO 152.79 358 iPKPd 52 33.80 2.3X
0.5s 1.45nm
S.D. = 0.9 on 43 of 55 obs.

JUN 17, 1994 05h 15m 30.93± 0.63s
14.466 N ±11.6km 54.530 E ± 5.8km
DEPTH = 10.0km (geophysicist)
5.0mb (43 obs.)
ARABIAN SEA (417)

KER 20.91 343 iPc 20 14.20 -2.0
MAIO 22.19 11 iPd 20 29.00 -0.1
0.8s 13.18nm 4.4mb
GBA 22.24 89 P 20 31.00 1.5
HYB 23.28 80 eP 20 40.50 0.6
ASH 23.63 8 eP 20 42.00 -1.1
1.4s 260.00nm 5.6mb
TAB 24.61 344 eP 20 55.00 2.3
KAT 24.69 3 eP 20 53.50 0.3
e 21 25.00
eS 25 13.00
eSS 26 23.00
e 31 49.00
BAK 26.14 352 iPc 21 16.00 9.1X
MTA 28.42 345 eP 21 31.00 3.3X
KIV 31.08 343 eP 21 52.30 0.7
1.6s 35.00nm 5.0mb
Z 15s 0.70um 4.4MszX
e 22 49.00
eS 26 49.80
FRU 33.13 28 eP 22 11.20 1.7
BCAO 36.82 258 iPc 22 48.00 6.7X
0.7s 12.00nm 4.8mb
SKO 39.59 320 eP 23 05.00 0.8
BRVK 40.48 15 iPc 23 11.00 -0.3
1.4s 18.00nm 4.6mb
Z 18s 0.25um 4.1Msz
N 18s 0.29um
E 18s 0.28um
SVE 42.52 5 eP 23 30.10 2.1
OBN 42.87 345 iPd 23 31.50 0.6
2.0s 800.00nm 6.1mb X
Z 22s 0.50um 4.4Msz
N 22s 0.40um
E 22s 0.10um
e 25 12.00
eS 30 00.00
UZH 43.17 329 eP 23 34.50 1.1
MOS 43.21 346 eP 23 34.00 0.4
e 23 38.00
e 25 11.00
NST 43.99 82 eP 23 38.50 -2.0
OKC 46.04 328 P 23 57.00 0.5
e 24 02.20
KBA 47.20 322 i(P) 24 06.50 0.6
1.1s 17.10nm 5.1mb
i 24 12.30
PRU 48.04 326 eP 24 12.00 -0.2
i 24 17.60
KHC 48.11 325 P 24 12.40 -0.4
1.1s 12.50nm 4.9mb
e 24 18.00
e 24 25.00
e 25 00.00
WTTA 48.31 322 i(P) 24 14.70 0.1
1.0s 25.10nm 5.2mb
i 24 19.80
WATA 48.38 322 i(P) 24 14.90 -0.2
i 24 20.10
SQTA 48.55 321 i(P) 24 16.20 -0.2
1.0s 22.50nm 5.2mb
i 24 21.30
BRG 48.84 327 e(P) 24 19.20 0.8
1.0s 14.00nm 5.0mb
LZH 48.92 55 eP 24 18.50 -1.0
1.6s 27.00nm 5.0mb
Z 18s 0.25um 4.2Msz
sP 24 24.00
CLL 49.58 327 eP 24 24.00 0.0
1.7s 32.00nm 5.0mb
MOX 49.98 326 eP 24 27.50 0.3
e 24 28.50
FRF 50.00 315 eP 24 28.10 0.6
1.3s 33.95nm 5.2mb
LMR 50.02 315 eP 24 28.20 0.6
1.3s 39.35nm 5.2mb
LRG 50.16 315 eP 24 29.40 0.7
1.3s 33.95nm 5.2mb
Z 23s 0.10um 3.8MszX
LPG 50.63 318 eP 24 32.50 -0.1
0.8s 22.30nm 5.2mb
LPL 50.65 318 eP 24 32.60 -0.1
0.9s 20.00nm 5.1mb
FEL 50.78 321 P 24 33.04 -0.4
NUR 50.85 341 iP 24 33.10 -0.5
0.7s 17.20nm 5.1mb
LOMF 51.30 320 P 24 37.16 -0.2
MOF 51.31 321 P 24 36.84 -0.6
WLS 51.40 321 P 24 37.33 -0.8
ECH 51.44 321 P 24 37.98 -0.4
CDF 51.45 321 eP 24 38.20 -0.3
1.2s 36.60nm 5.2mb
BSF 51.51 320 eP 24 38.50 -0.5
1.1s 13.45nm 4.8mb
KAF 51.65 344 iP 24 38.80 -0.9
0.8s 9.80nm 4.8mb
UPP 52.75 338 iP 24 52.40 4.4X
SMF 52.93 318 eP 24 49.30 -0.3
1.2s 15.75nm 4.8mb
LBF 52.96 319 eP 24 49.80 -0.1
1.1s 52.75nm 5.4mb
LOR 53.14 319 eP 24 51.00 -0.1
1.0s 33.40nm 5.2mb
Z 22s 0.10um 3.8Msz
ZAK 53.16 37 eP 24 49.00 -2.2
1.6s 14.00nm 4.7mb
SSF 53.29 318 eP 24 52.20 0.0
0.9s 24.10nm 5.2mb
AVF 53.30 318 eP 24 51.80 -0.5
0.9s 15.05nm 5.0mb
BGF 53.55 318 eP 24 54.30 0.2
1.0s 45.20nm 5.4mb
MAF 53.63 317 eP 24 54.80 0.1
1.1s 14.40nm 4.9mb
DOU 53.74 322 P 25 01.10 5.7X
1.0s 16.70nm 5.0mb
TCF 53.88 317 eP 24 56.50 -0.1
1.0s 11.20nm 4.8mb
HYF 53.92 318 eP 24 57.10 0.3
LSF 54.32 317 eP 24 59.70 -0.1
LFF 54.47 315 eP 25 01.10 0.2
1.0s 16.80nm 5.0mb
LVZ 54.93 351 eP 25 06.20 2.2
NB2 55.95 336 P 25 10.00 -1.5
1.0s 11.40nm 4.9mb
LDF 56.10 319 eP 25 12.20 -0.5
1.2s 50.60nm 5.4mb
FLN 56.38 319 eP 25 14.20 -0.5
1.4s 75.35nm 5.5mb
Z 22s 0.15um 4.0Msz
GRR 56.51 319 eP 25 14.90 -0.7
0.7s 8.50nm 4.9mb
LPF 56.52 318 eP 25 15.20 -0.5
1.0s 37.80nm 5.4mb
PAB 57.01 308 eP 25 19.90 0.4
BJI 59.19 52 eP 25 33.50 -1.1
1.4s 15.00nm 4.9mb
Z 20s 0.36um 4.5Msz
EKA 60.03 326 Pc 25 43.67 3.6X
0.6s 3.90nm 4.7mb
DAG 72.20 347 eP 26 57.00 -0.6
1.1s 29.11nm 5.3mb
WRA 85.58 112 P 28 12.60 1.4
0.6s 2.00nm 4.5mb
WRA 85.58 112 P 28 20.00 8.8X
1.2s 2.30nm 4.2mb
MBC 89.40 359 eP 28 32.00 3.3X
1.0s 3.00nm 4.5mb
BW06 121.19 346 ePKP 34 32.22 6.0X
WMOK 124.89 333 ePKP 34 39.82 6.6X
SRU 124.90 346 ePKP 34 39.68 6.3X
S.D. = 0.9 on 63 of 74 obs.

? JUN 17, 1994 05h 20m 49.01± 1.22s
44.429 N ± 6.6km 7.379 E ±14.4km
DEPTH = 5.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.6 (GEN).

STV 0.19 192 P 20 52.72 -0.2
S 20 54.94
ENR 0.20 172 P 20 53.40 0.2
S 20 56.11
PZZ 0.21 291 P 20 53.49 0.1
S 20 56.27
BHB 0.42 349 P 20 57.41 -0.1
S 21 03.00
S.D. = 0.3 on 4 of 4 obs.

& JUN 17, 1994 05h 31m 28.02s
63.826 N 148.871 W
DEPTH = 107.0km
CENTRAL ALASKA (1)
<AEIC>.

MCK 0.10 197 eP 31 43.01 1.7
eS 31 54.82
RND 0.42 179 iP 31 43.93 -0.4
eS 31 56.22
WRH 0.73 28 eP 31 46.55 -0.1
TRF 0.74 240 eP 31 46.62 -0.2
eS 32 01.52
NEA 0.76 353 eP 31 46.09 -0.8
eS 32 00.57
HUR 0.92 202 eP 31 47.67 -0.8
eS 32 03.32
CCB 0.95 29 eP 31 48.48 -0.2
KTH 0.95 254 iP 31 48.52 -0.3
eS 32 04.17
DHY 1.01 138 eP 31 49.20 -0.3
eS 32 05.67
HDA 1.02 54 eP 31 49.15 -0.4
MDM 1.17 13 eP 31 50.95 -0.2
eS 32 07.93
FBA 1.18 23 eP 31 50.86 -0.3
DDM 1.34 90 eP 31 53.14 0.0
MLY 1.46 327 eP 31 54.06 -0.5
CUT 1.56 205 iP 31 54.74 -1.0
eS 32 16.84
PAX 1.76 118 eP 31 57.78 -0.5
eS 32 21.93
SDG 1.99 129 eP 32 00.29 -1.0
SML 2.04 173 eP 32 01.13 -0.8
GHO 2.06 181 eP 32 01.25 -1.0
TOA 2.12 143 eP 32 02.21 -0.8
DOT 2.15 93 eP 32 02.15 -1.2
PWA 2.23 192 eP 32 04.54 0.2
KNK 2.43 175 eP 32 05.96 -1.1
PMS 2.61 187 eP 32 10.53 1.1
KLU 2.71 148 eP 32 09.76 -1.1
VLZ 2.95 155 eP 32 11.28 -2.7
BKG 3.18 211 eP 32 17.09 -0.1
NKA 3.29 201 eP 32 19.89 1.4
MPA 3.36 184 eP 32 17.77 -1.7
SLKM 3.39 191 eP 32 18.50 -1.5
HIN 3.62 161 eP 32 20.36 -2.7
31 obs. associated

JUN 17, 1994 06h 30m 03.09± 0.23s
18.995 N ± 3.4km 120.850 E ± 5.1km
DEPTH = 33.0km (normal)
4.8mb (28 obs.) 4.1Msz (2 obs.)
LUZON, PHILIPPINE ISLANDS (249)

PIP 0.70 198 iP 30 16.00 -0.5
iS 30 26.50
SZP 1.48 195 iPc 30 27.00 -0.7
CVP 1.58 144 iPd 30 31.00 1.9
iS 30 50.00
BBP 1.78 36 ePc 30 34.00 2.0
iS 31 02.00
BCP 2.57 185 eP 30 42.00 -1.5
eS 31 23.00
BAG 2.58 186 iPc 30 42.50 -1.2
QCP 4.34 177 eP 31 11.00 2.6
TGY 4.86 179 iPc 31 17.50 1.5
iS 32 32.50
GQP 5.29 163 iPd 31 22.00 0.1
eS 32 21.00
PGP 5.46 179 eP 31 24.00 -0.4
HKC 7.07 299 iP 31 44.90 -2.0
iS 32 59.40
PLP 8.74 152 ePd 32 10.80 0.5
KAGJ 15.15 35 P 33 42.10 5.7X
KUMJ 16.19 32 eP 33 51.00 1.3
SHNJ 17.62 29 eP 34 13.20 5.5X
KMI 17.85 293 eP 34 10.40 -0.5
N 14s 1.00um
E 14s 0.60um
pP 34 18.00
TKSJ 19.01 36 P 34 25.60 0.9
YONJ 19.62 32 P 34 33.10 1.3
NST 20.05 264 eP 34 38.50 2.1
WKYJ 20.06 38 eP 34 36.00 -0.4
CHTO 20.73 273 ePd 34 43.60 0.2

1.0s 16.00nm 4.4mb
BDT 20.84 269 eP 34 44.50 0.0
TSRJ 21.23 36 eP 34 48.60 0.2
BJI 21.36 350 eP 34 50.50 0.8
1.0s 17.00nm 4.4mb
Z 20s 0.91um 4.2Msz
N 14s 0.40um
eS 38 54.00
IIDJ 22.30 39 eP 35 01.60 2.4
LZH 22.68 322 eP 35 05.00 1.9
1.5s 37.00nm 4.6mb
Z 18s 0.49um 4.0Msz
N 13s 0.30um
eS 39 18.00
MTMJ 23.00 37 eP 35 06.70 0.5
MAT 23.20 38 eP 35 06.00 -2.0
0.8s 11.19nm 4.4mb
(S) 39 29.00
CHJJ 23.33 40 eP 35 08.90 -0.4
OFUJ 26.94 38 eP 35 41.80 -1.5
YSS 33.20 28 iPc 36 38.30 -0.5
1.0s 50.00nm 5.4mb
e 36 52.00
CIT 33.43 352 eP 36 41.80 0.9
ZAK 34.30 340 eP 36 49.00 0.6
1.8s 17.00nm 4.7mb
e 39 24.00
BOD 39.11 354 eP 37 28.50 -0.4
WRA 40.89 160 P 37 39.50 -4.5X
0.6s 4.70nm 4.4mb
GBA 41.93 269 P 37 53.00 0.4
SKR 42.16 33 eP 37 49.10 -4.9X
0.5s 80.00nm 5.7mb
e 37 56.20
e 38 02.50
YAK 43.43 6 iPc 38 04.80 0.6
ASPA 44.27 163 P 38 10.19 -1.4
0.3s 7.40nm 5.0mb
WARB 45.26 173 eP 38 15.00 -4.4X
FRU 45.52 312 eP 38 23.30 1.9
BRVK 51.63 324 iPd 39 05.00 -3.5X
1.7s 35.00nm 5.0mb
SVE 58.08 326 iPc 39 55.90 0.5
1.7s 50.00nm 5.3mb
e 40 07.00
ILT 61.57 22 iPd 40 17.20 -2.0
BRW 69.72 20 eP 41 11.38 0.0
TTA 70.16 29 eP 41 13.00 -1.3
0.9s 10.79nm 4.9mb
IMA 70.98 25 eP 41 18.99 -0.3
1.0s 6.64nm 4.7mb
CP2 72.07 30 eP 41 25.72 -0.2
KDC 72.38 34 eP 41 25.54 -2.0
e 43 05.79
SLKM 73.15 31 eP 41 30.05 -2.0
e 43 08.43
PMR 73.50 30 eP 41 32.28 -1.8
0.8s 12.10nm 4.9mb
FBA 73.56 26 eP 41 33.19 -1.2
0.9s 1.68nm 4.0mb
e 43 54.61
KLU 75.03 30 eP 41 42.12 -0.9
KAF 75.51 331 iP 41 45.00 -0.6
0.6s 6.50nm 4.8mb
NUR 76.67 330 iP 41 52.20 0.0
0.6s 5.60nm 4.8mb
BALM 76.82 30 eP 41 52.55 -0.6
INK 78.14 21 eP 42 00.00 -0.2
1.0s 5.00nm 4.5mb
MBC 78.37 12 eP 42 01.50 0.1
DAG 81.44 351 iPc 42 17.20 -0.6
0.6s 8.00nm 4.9mb
NB2 82.65 332 P 42 23.60 -0.8
0.8s 4.80nm 4.6mb
VAY 83.68 311 eP 42 29.60 -0.4
RES 83.81 9 eP 42 30.50 0.5
1.0s 3.00nm 4.4mb
SKO 84.25 312 iP 42 33.00 0.1
OHR 85.00 312 eP 42 36.00 -0.7
BRG 85.64 323 iP 42 40.80 1.2
0.9s 10.00nm 5.0mb
PRU 85.66 322 eP 42 40.00 0.2
CLL 86.00 323 iPc 42 41.30 -0.1
1.5s 14.00nm 5.0mb
KHC 86.59 321 eP 42 45.00 0.5
GEC2 86.64 321 P 42 45.20 0.4
0.8s 2.43nm 4.5mb

e 42 58.10
YKA 87.86 23 eP 42 49.90 -0.3
0.8s 6.90nm 5.0mb
LPG 92.39 320 eP 43 12.30 0.2
1.1s 8.30nm 5.1mb
LPL 92.40 320 eP 43 12.40 0.3
1.1s 7.35nm 5.0mb
GMW 92.68 37 eP 43 13.95 0.9
RMW 93.29 37 eP 43 16.66 0.7
DPW 95.07 35 eP 43 24.54 0.4
NEW 95.43 35 eP 43 26.31 0.5
0.7s 2.65nm 4.8mb
WMOK 114.62 35 (PKP) 48 40.74 -1.4
e 48 49.95
LPAZ 171.03 74 PKP 50 09.80 -0.5
S.D. = 1.1 on 72 of 78 obs.

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* JUN 17, 1994 07h 18m 24.37± 1.38s
16.125 S ±25.2km 72.922 W ±16.6km
DEPTH = 70.0km (geophysicist)
NEAR COAST OF PERU (115)

ARE 1.41 104 iPc 18 49.50 0.6
iS 19 08.50
LPAZ 4.61 93 iPc 19 33.40 -0.3
LPB 4.65 96 P 19 34.80 0.7
NNA 5.60 317 iPd 19 47.10 0.0
0.8s 26.12nm 4.6mb
eS 20 46.70
CCH 6.62 102 P 20 00.60 -1.0
MOCB 8.58 128 P 20 28.70 0.0
S.D. = 0.8 on 6 of 6 obs.

% JUN 17, 1994 07h 19m 53.92± 0.82s
39.131 N ± 6.8km 27.528 E ± 8.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.76 196 ePg 20 08.70 -0.1
eSg 20 21.70
DST 0.98 61 ePn 20 12.70 0.2
EZN 1.16 307 ePn 20 15.90 0.3
EDC 1.24 12 ePn 20 17.00 0.0
BNT 1.26 14 ePn 20 16.50 -0.8
KCT 1.29 30 ePn 20 18.20 0.4
S.D. = 0.6 on 6 of 6 obs.

? JUN 17, 1994 07h 59m 35.01± 5.34s
38.307 N ±34.8km 29.183 E ±36.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

DST 1.37 342 ePg 00 00.90 0.8
IZM 1.51 274 ePg 00 02.20 0.0
KCT 2.04 342 ePn 00 09.50 -0.3
YLV 2.26 4 ePn 00 13.00 -0.1
BNT 2.27 335 ePn 00 13.00 -0.1
EDC 2.28 334 ePn 00 13.00 -0.3
S.D. = 0.5 on 6 of 6 obs.

% JUN 17, 1994 08h 09m 42.02± 0.96s
39.150 N ± 8.0km 27.519 E ±15.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.78 195 ePg 09 57.20 0.0
eSg 10 09.20
DST 0.97 62 ePn 10 00.60 0.1
EDC 1.22 12 ePn 10 05.00 0.2
BNT 1.24 14 ePn 10 05.00 -0.1
KCT 1.27 30 ePn 10 05.50 -0.2
S.D. = 0.2 on 5 of 5 obs.

? JUN 17, 1994 08h 53m 00.04± 4.94s
40.580 N ±35.0km 23.000 E ± 8.8km
DEPTH = 5.0km (geophysicist)
GREECE (364)

THE 0.06 333 iPg 53 00.58 -1.0
iSg 53 02.58
SOH 0.36 48 ePg 53 06.52 -0.8
iSg 53 12.84
KNT 0.59 352 ePg 53 11.12 -0.7
eSg 53 18.60
GRG 0.59 310 iPg 53 11.38 -0.5
eSg 53 19.52
S.D. = 0.4 on 4 of 4 obs.

? JUN 17, 1994 09h 01m 41.44± 1.03s
39.266 N ± 9.5km 27.687 E ±15.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.6 (ISK).

DST 0.80 65 ePg 01 57.00 -0.1
eSg 02 10.60
IZM 0.93 201 ePg 01 59.20 0.0
eSg 02 13.20
BNT 1.10 9 ePn 02 02.00 -0.2
KCT 1.11 28 ePn 02 02.50 0.2
S.D. = 0.3 on 4 of 4 obs.

& JUN 17, 1994 09h 33m 48.69s
60.539 N 153.195 W
DEPTH = 179.6km
SOUTHERN ALASKA (2)
<AEIC>.

RS2 0.23 109 eP 34 12.29 0.8
eS 34 30.99
RSO 0.23 109 eP 34 12.14 0.6
eS 34 31.39
REF 0.25 101 eP 34 12.44 0.9
DFR 0.26 78 eP 34 12.08 0.7
eS 34 29.78
BKG 0.70 40 iP 34 13.79 -1.0
CKT 0.82 36 eP 34 14.64 -0.9
BGL 0.83 28 eP 34 14.64 -0.9
SPU 0.85 40 eP 34 14.54 -1.1
CP2 0.86 32 eP 34 15.26 -0.7
PDB 0.90 214 eP 34 14.79 -1.1
NKA 0.99 77 eP 34 17.34 0.9
NNL 1.07 117 eP 34 17.57 0.4
HOM 1.18 138 eP 34 18.27 0.3
eS 34 40.34
CNPM 1.41 135 eP 34 19.98 -0.2
eS 34 42.94
SLKM 1.47 90 eP 34 19.32 -1.4
eS 34 43.59
MPA 1.90 90 eP 34 23.79 -1.1
PMS 1.91 67 eP 34 23.82 -1.4
eS 34 51.39
SEW 1.91 102 eP 34 24.57 -0.5
SYI 1.98 168 eP 34 25.85 0.0
GHO 2.41 57 eP 34 28.80 -2.0
eS 35 00.19
KNK 2.47 67 eP 34 29.70 -1.8
eS 35 01.80
SML 2.68 59 eP 34 31.85 -2.1
VLZ 3.41 77 eP 34 41.66 -1.2
eS 35 23.16
KLU 3.67 72 eP 34 45.19 -1.0
eS 35 28.89
CVA 3.68 87 eP 34 46.09 -0.1
CCB 4.82 29 eP 34 58.55 -2.3
HDA 4.84 34 eP 34 58.83 -2.4
GLM 5.20 28 eP 35 03.91 -2.0
BALM 5.34 80 eP 35 08.21 0.3
29 obs. associated

? JUN 17, 1994 09h 35m 37.02± 1.22s
40.647 N ±11.8km 29.996 E ± 8.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.6 (ISK).

EYL 0.15 123 iPg 35 40.50 0.0
HRT 0.30 305 iPg 35 43.50 0.1
eSg 35 48.50
YLV 0.48 261 iPg 35 46.50 -0.3
eSg 35 53.50
IZI 0.50 232 iPg 35 47.50 0.2
S.D. = 0.4 on 4 of 4 obs.

% JUN 17, 1994 09h 53m 16.75± 1.68s
34.440 S ±18.3km 70.685 W ±13.4km
DEPTH = 100.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.5 (SAN).

CACH 0.33 12 iPd 53 31.92 0.1

iS 53 43.77
CHCH 0.51 3 iP+ 53 32.68 -0.2
iS 53 45.35
LNV 0.77 309 iPd 53 35.10 0.1
iS 53 49.06
TACH 0.81 345 iPd 53 35.55 0.1
iS 53 50.02
PCH 0.83 10 iPd 53 35.74 0.0
iS 53 50.15
FCH 1.16 17 iP+ 53 39.67 0.1
iS 53 57.21
LCCH 1.21 322 iPd 53 39.79 -0.1
iS 53 57.54
PEL 1.29 360 iP 53 40.90 0.0
iS 53 59.84
ROCH 1.49 349 iP 53 43.50 0.0
iS 54 03.46
JACH 1.75 3 iP 53 46.73 0.0
iS 54 09.22
S.D. = 0.1 on 10 of 10 obs.

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* JUN 17, 1994 09h 57m 39.71± 0.67s
18.357 N ± 9.7km 145.493 E ±23.7km
DEPTH = 478.7 ± 11.5 km
4.0mb (6 obs.)
MARIANA ISLANDS (216)

GUMO 4.78 187 eP 59 04.10 -0.2
eS 00 09.30
PJG 4.78 187 eP 59 04.30 0.0
GUA 4.82 187 eP 59 05.10 0.4
eS 00 09.70
MAT 19.22 342 eP 01 33.00 0.4
1.0s 10.00nm 4.4mb
WRA 39.60 197 P 04 29.50 -0.5
0.4s 0.70nm 3.5mb
DZM 45.11 152 iPc 05 13.90 0.1
SLKM 61.58 30 (P) 07 09.11 -2.1
INK 69.76 23 eP 08 01.50 -0.5
0.9s 2.00nm 3.7mb
MBC 73.53 14 eP 08 23.50 -0.3
0.5s 5.00nm 4.3mb
RES 79.80 14 eP 08 58.50 0.6
0.6s 3.00nm 4.0mb
NEW 81.30 42 eP 09 06.32 0.1
0.8s 3.64nm 4.0mb
TPNV 85.52 53 eP 09 28.16 0.5
BGMT 85.61 44 ePd 09 28.60 0.7
SRU 88.96 49 eP 09 44.22 0.3
PV10 90.32 49 eP 09 50.66 0.4
LPAZ 147.86 92 PKP 16 29.30 0.1
LPB 147.93 92 ePKP 16 32.00 2.9X
CCH 149.90 93 PKP 16 38.00 6.0X
S.D. = 0.7 on 16 of 18 obs.

JUN 17, 1994 09h 58m 21.44± 0.50s
48.179 N ± 5.6km 113.914 W ± 6.1km
DEPTH = 5.0km (geophysicist)
MONTANA (456)
ML 2.7 (GS), 2.7 (PGC), 3.0
(BUT).

WALA 0.88 0 ePg 58 38.75 -0.2
eSg 58 51.07
HRY 2.04 135 ePn 58 57.28 0.4
NEW 2.15 273 ePn 58 58.79 0.4
ePg 59 03.20
eS 59 32.17
BUT 2.35 156 ePg 59 05.20 3.6X
eSn 59 32.90
eSg 59 36.20
HBMT 2.55 159 ePnc 59 04.39 0.0
LRM 2.56 156 ePn 59 04.44 -0.1
LCCM 2.72 149 ePn 59 06.82 0.0
SXM 2.74 137 ePn 59 07.19 0.1
DPW 2.90 265 ePn 59 08.96 -0.2
BGMT 3.22 156 ePn 59 13.65 -0.2
MEMT 3.27 141 ePn 59 14.77 0.2
MCMT 3.43 167 ePn 59 16.57 -0.4
S.D. = 0.3 on 11 of 12 obs.

JUN 17, 1994 11h 05m 52.63± 0.69s
42.657 N ± 4.9km 18.738 E ± 6.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 2.5 (TTG). ML 2.3 (TIR).

NKY 0.25 51 iPgc 05 57.97 0.0
iSg 06 02.14
HCY 0.27 220 iPgd 05 58.34 -0.1
iSg 06 03.00
BRY 0.28 330 iPgc 05 58.59 0.0
iSg 06 03.02
BDV 0.38 170 iPgc 06 00.38 0.0
iSg 06 06.38
TTG 0.45 120 iPgc 06 00.91 -0.8
iSg 06 08.47
ULC 0.79 151 iPgc 06 07.14 -0.9
iSg 06 19.78
PLE 0.83 35 iPgc 06 08.41 -0.3
iSg 06 20.78
SDA 0.83 137 ePg 06 14.70 6.1X
iSg 06 26.50
IVA 0.88 76 iPgd 06 09.56 0.0
iSg 06 22.61
PVY 0.91 93 iPgd 06 10.11 -0.1
iSg 06 23.87
TIR 1.56 147 ePn 06 25.10 4.7X
PHP 1.60 127 ePn 06 23.20 2.2
SKO 2.12 108 e(Pn) 06 59.00 30.5X
OHR 2.18 134 ePn 06 40.50 11.0X
S.D. = 1.0 on 10 of 14 obs.

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* JUN 17, 1994 11h 18m 14.75± 0.49s
23.927 N ± 7.2km 121.832 E ±12.2km
DEPTH = 10.0km (geophysicist)
4.5mb (13 obs.)
TAIWAN (244)

CVP 6.19 180 eP 19 50.00 1.6
SSE 7.16 356 P 20 00.00 -2.1
Z 12s 2.20um
N 10s 1.00um
E 10s 0.90um
S 21 22.00
BAG 7.57 189 eP 20 06.00 -2.0
BJI 16.76 345 eP 22 13.00 1.9
2.0s 32.00nm 4.1mb
Z 14s 1.12um 4.0Msz
N 12s 0.59um
LZH 19.70 312 eP 22 47.40 0.0
1.8s 50.00nm 4.5mb
Z 14s 1.57um 3.7MszX
N 10s 0.57um
CHTO 21.90 261 iPd 23 09.80 -0.2
1.1s 26.80nm 4.6mb
BDT 22.37 257 eP 23 14.00 -0.5
WRA 45.27 163 P 26 34.29 -0.2
0.6s 3.60nm 4.5mb
ASPA 48.74 165 P 27 02.09 0.4
0.9s 5.10nm 4.6mb
WARB 50.03 174 eP 27 11.00 -0.6
MAIO 54.49 298 eP 27 46.00 1.0
TTA 65.43 30 eP 28 58.46 -1.3
0.8s 3.32nm 4.6mb
IMA 66.17 26 eP 29 03.47 -1.0
1.0s 3.23nm 4.5mb
FBA 68.76 27 eP 29 20.67 0.0
0.8s 0.87nm 4.0mb
KLU 70.33 31 eP 29 30.35 0.0
BALM 72.12 31 eP 29 40.93 -0.3
INK 73.24 22 eP 29 47.50 0.0
1.0s 5.00nm 4.5mb
MBC 73.38 13 eP 29 47.50 -0.7
NB2 78.73 332 P 30 15.90 -2.8
0.6s 0.50nm 3.7mb
VAY 81.12 311 eP 30 34.40 2.5
YKA 82.98 23 eP 30 41.50 0.4
0.6s 3.30nm 4.7mb
GEC2 83.42 321 P 30 47.00 3.2X
0.8s 0.60nm 3.9mb
e 30 52.60
e 30 58.80
TNS 85.65 324 ePd 30 58.10 3.2X
RMW 88.83 37 eP 31 11.99 1.6
NEW 90.88 35 eP 31 22.07 2.1
0.7s 1.49nm 4.4mb
S.D. = 1.4 on 23 of 25 obs.

% JUN 17, 1994 12h 03m 14.61± 0.59s
26.839 S ± 5.5km 26.800 E ± 6.1km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.0 (PRE).

BFS 0.06 193 iPc 03 16.30 0.0
S 03 17.40
PRY 0.61 99 eP 03 26.60 -0.2
S 03 35.10
KSR 0.97 5 eP 03 33.50 -0.2
S 03 46.50
SWZ 1.36 255 eP 03 39.90 -0.4
S 03 56.70
SEK 1.65 154 eP 03 44.30 -0.2
S 04 05.30
SLR 1.73 51 iPd 03 46.10 0.5
S 04 07.00
BOSA 2.15 214 eP 03 52.40 0.8
S 04 21.50
BLF 2.32 193 eP 03 54.00 -0.3
S 04 23.00
S.D. = 0.5 on 8 of 8 obs.

% JUN 17, 1994 12h 03m 48.43± 0.60s
26.909 S ± 6.3km 26.820 E ± 5.6km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.7 (PRE).

BFS 0.03 288 iPc 03 50.00 0.2
S 03 50.90
PRY 0.58 92 eP 03 59.90 -0.2
S 04 07.40
KSR 1.04 4 eP 04 09.00 0.3
S 04 22.00
SWZ 1.36 258 eP 04 13.50 -0.6
S 04 31.10
SEK 1.58 153 eP 04 18.20 0.9
S 04 38.80
SLR 1.76 49 iPc 04 19.60 -0.3
S 04 41.50
BOSA 2.10 216 eP 04 25.70 1.0
S 04 55.50
BLF 2.26 194 eP 04 26.00 -1.2
S 04 52.50
NWL 2.90 107 eP 04 42.00 5.7X
S 05 18.20
S.D. = 0.9 on 8 of 9 obs.

% JUN 17, 1994 12h 50m 44.28± 0.83s
26.254 S ± 8.4km 27.634 E ± 8.5km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.8 (PRE).

KSR 0.77 300 eP 50 59.50 -0.3
S 51 09.50
SLR 0.78 49 eP 51 00.10 0.1
S 51 10.50
SEK 2.06 180 eP 51 19.90 -0.2
S 51 44.30
SWZ 2.26 245 eP 51 23.70 0.6
S 51 50.30
BOSA 3.07 220 eP 51 34.10 -0.2
S 52 08.00
S.D. = 0.6 on 5 of 5 obs.

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* JUN 17, 1994 13h 56m 18.91± 1.15s
47.803 N ± 8.0km 8.472 E ± 9.4km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.3 (STR).

SLE 0.04 158 iPc 56 18.90 -2.1
FEL 0.32 284 eP 56 25.00 -0.6
ZLA 0.33 190 iPc 56 24.90 -0.8
BBS 0.73 243 Pg 56 32.97 -0.4
APL 0.87 190 iPc 56 35.20 -0.4
MOF 0.90 274 Pg 56 36.50 0.2
Sg 56 49.59
WLS 0.97 310 Pg 56 37.79 0.5
ECH 0.97 296 Pg 56 37.40 0.0
LLS 1.00 159 ePc 56 38.30 0.3
CDF 1.01 308 Pg 56 38.06 0.0
Sg 56 53.34
BSF 1.13 272 Pg 56 39.68 -0.5
LOMF 1.20 249 Pg 56 42.09 0.7
TMA 1.72 171 iPc 56 51.10 1.9
S.D. = 1.0 on 13 of 13 obs.

% JUN 17, 1994 14h 19m 46.67± 2.32s
40.303 N ±14.3km 29.457 E ±14.0km

DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZI 0.04 20 iPg 19 48.90 0.1
YLV 0.27 346 iPg 19 52.40 0.0
iSg 19 55.40
ISK 0.82 338 ePg 20 01.90 -0.6
eSg 20 12.40
KCT 0.84 267 ePg 20 03.30 0.3
CTT 1.15 318 iPn 20 08.90 0.7
BNT 1.18 273 ePn 20 08.40 -0.2
EDC 1.22 273 ePn 20 09.00 -0.4
S.D. = 0.6 on 7 of 7 obs.

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* JUN 17, 1994 14h 23m 25.88± 0.74s
22.172 S ±13.8km 179.447 W ± 6.7km
DEPTH = 579.3 ± 10.4 km
4.9mb (15 obs.)
SOUTH OF FIJI ISLANDS (171)

SVA 4.49 334 iPd 24 54.50 0.5
VUN 4.59 334 eP 24 55.00 0.3
DZM 13.08 268 iPc 26 19.90 4.4X
NOUC 13.21 268 iPc 26 21.10 4.4X
AFR 28.26 86 eP 28 35.50 0.2
0.9s 52.10nm 5.2mb
TVO 28.69 87 eP 28 40.00 0.9
0.8s 77.40nm 5.4mb
CNB 30.18 237 iPc 28 53.10 1.3
0.3s 9.00nm 4.9mb
PMO 30.70 82 eP 28 55.50 -0.7
0.9s 40.60nm 5.1mb
VAH 30.87 83 eP 28 56.70 -1.0
0.8s 25.00nm 4.9mb
TPT 30.96 82 eP 28 57.80 -0.6
0.9s 56.30nm 5.2mb
RUV 31.11 83 eP 28 59.00 -0.7
1.1s 103.50nm 5.4mb
PMG 34.46 286 eP 29 26.00 -1.8
FORT 47.41 248 eP 31 10.00 -0.5
WARB 49.06 254 iPd 31 22.10 -0.9
0.4s 18.00nm 5.0mb
KNA 49.21 268 iPd 31 23.50 -0.6
WOOL 52.83 247 iPc 31 46.00 -4.4X
i 31 49.20
MBL 56.10 259 iPd 32 12.10 -1.2
0.3s 19.00nm 4.9mb
NANU 59.67 256 iPd 32 38.10 0.7
0.4s 16.00nm 4.6mb
SPA 67.96 180 iPc 33 30.40 1.1
0.7s 3.13nm 3.9mb
MAT 70.77 325 eP 33 46.00 -0.1
0.8s 7.46nm 4.3mb
BALM 88.16 17 eP 35 16.73 0.3
CHTO 89.55 290 iPd 35 24.90 1.4
0.9s 12.15nm 4.8mb
IMA 90.12 10 eP 35 26.80 1.5
1.0s 6.00nm 4.5mb
FBA 90.16 13 eP 35 25.20 -0.1
1.0s 10.00nm 4.7mb
NB2 140.46 352 PKP 41 44.10 -6.7X
0.7s 0.70nm
CLL 149.34 345 iPKPd 42 11.10 5.4X
0.8s 19.00nm
i 42 18.00
BRG 149.50 343 iPKP 42 11.60 5.7X
0.7s 20.00nm
i 42 19.00
PRU 150.13 342 PKP 42 13.50 6.6X
e 42 22.00
MOX 150.29 346 ePKP 42 13.50 6.4X
e 42 22.00
KHC 151.18 342 ePKP 42 15.50 6.9X
1.0s 5.40nm
e 42 27.00
e 44 34.50
GRF 151.27 346 ePKP 42 16.70 8.1X
e 42 27.10
GEC2 151.40 342 PKP 42 16.00 7.0X
1.1s 2.95nm
e 42 26.80
e 44 34.90
TRI 154.16 338 ePKP 42 25.90 13.2X
S.D. = 1.0 on 21 of 33 obs.

? JUN 17, 1994 14h 34m 36.94± 7.55s
38.538 N ±61.2km 23.334 E ±26.4km
DEPTH = 33.0km (normal)
GREECE (364)

AGG 0.92 302 ePg 34 53.48 -0.1
eSg 35 09.28
PAIG 1.41 11 ePb 35 00.80 0.3
eSb 35 20.24
LIT 1.69 338 ePb 35 05.64 1.0
eSb 35 31.04
OUR 1.86 15 ePn 35 07.08 0.0
eSn 35 30.92
SOH 2.28 0 ePn 35 12.76 -0.3
GRG 2.52 344 ePn 35 15.60 -0.9
S.D. = 0.8 on 6 of 6 obs.

& JUN 17, 1994 14h 56m 56.02s
34.272 N 116.432 W
DEPTH = 0.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.7 (PAS), 2.5 (GS).

PEC 0.71 238 iPc 57 09.57 -0.7
CSP 0.77 272 iPc 57 10.51 -0.8
PLM 0.98 201 iPc 57 14.70 -1.0
SSK 1.05 267 iPc 57 15.80 -1.0
GSC 1.07 343 iPd 57 16.28 -0.9
ISA 2.18 310 eP 57 33.92 -0.1
ABL 2.37 285 eP 57 35.99 -1.1
TPNV 2.68 3 eP 57 40.19 -1.1
8 obs. associated

% JUN 17, 1994 15h 26m 15.21± 1.10s
40.274 N ±27.8km 28.790 E ± 6.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.6 (ISK).

KCT 0.33 266 ePg 26 22.30 0.2
IZI 0.53 83 ePg 26 25.40 -0.5
eSg 26 33.40
YLV 0.53 57 iPg 26 25.90 -0.1
EDC 0.71 276 iPg 26 29.00 -0.2
EYL 1.08 74 ePn 26 36.30 0.6
S.D. = 0.6 on 5 of 5 obs.

? JUN 17, 1994 15h 27m 09.60± 3.55s
42.056 N ±34.2km 24.710 E ±11.9km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

SRS 1.26 222 ePb 27 32.42 -0.6
ALN 1.53 139 iPb 27 36.70 -0.3
eSb 27 58.58
SOH 1.60 220 ePb 27 38.02 0.0
eSb 28 00.78
KNT 1.63 237 ePb 27 37.10 -1.3
eSb 28 01.86
VAY 1.76 246 ePn 27 41.50 1.1
OUR 1.81 198 ePn 27 41.98 1.0
eSn 28 07.02
S.D. = 1.2 on 6 of 6 obs.

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* JUN 17, 1994 16h 27m 27.81± 1.08s
14.215 N ±15.3km 93.004 W ± 7.5km
DEPTH = 33.0km (normal)
4.0mb (3 obs.)
NEAR COAST OF CHIAPAS, MEXICO (69)
MD 4.6 (GCG).

TPX 0.99 46 iP 27 45.00 -0.4
iS 27 56.00
TER 2.25 88 eP 28 02.84 -0.7
eS 28 33.37
BVA 2.34 79 eP 28 05.67 0.7
IXG 2.47 91 eP 28 06.82 0.0
eS 28 39.35
SCX 2.53 8 iP 28 06.00 -1.5
iS 28 34.50
RDG 2.57 72 eP 28 09.17 0.8
eS 28 45.98
OXX 4.58 309 eP 28 36.50 -0.3
(S) 29 27.00
IISM 6.33 319 (P) 29 02.50 1.2
LVVM 6.41 330 eP 29 00.50 -1.8
PPM 7.23 313 eP 29 15.50 1.1
III 7.46 305 (P) 29 17.00 -0.3
WMOK 21.09 347 eP 32 12.44 0.6
0.5s 2.80nm 3.9mb
JSC 22.63 26 (P) 32 29.42 2.3
ALQ 23.94 332 (P) 32 42.27 2.1
0.8s 2.60nm 3.8mb
PV08 27.93 333 (P) 33 17.86 0.3
LRM 35.52 336 eP 34 22.90 -1.0
YKA 50.60 347 eP 36 22.90 -2.4
0.5s 2.80nm 4.5mb
SOB1 56.69 111 (P) 37 10.00 -0.9
BDT 146.57 339 ePKP 47 07.00 0.2
GBA 150.78 19 PKP 47 21.00 7.6X
S.D. = 1.3 on 19 of 20 obs.

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* JUN 17, 1994 16h 50m 28.44± 1.12s
21.786 N ± 9.7km 121.302 E ±11.6km
DEPTH = 67.8 ± 15.8 km
4.2mb (5 obs.)
TAIWAN REGION (243)

BBP 1.47 155 ePd 50 53.50 0.1
eS 51 16.00
CVP 4.09 173 ePd 51 30.80 0.9
eS 52 13.00
BAG 5.39 187 eP 51 48.00 -0.3
HKC 6.63 276 iP 52 04.80 -0.7
iS 53 07.80
BJI 18.71 348 eP 54 43.50 -0.6
1.4s 24.00nm 4.2mb
MAT 20.79 41 eP 55 06.00 -0.2
1.0s 10.00nm 4.1mb
LZH 20.84 317 eP 55 08.00 1.0
1.5s 24.00nm 4.3mb
sP 55 17.50
WRA 43.39 162 P 58 25.00 -1.0
0.4s 0.80nm 3.9mb
GEC2 84.76 321 P 02 57.40 0.8
1.1s 2.38nm 4.2mb
PcP 03 02.00
e 03 12.50
S.D. = 1.0 on 9 of 9 obs.

? JUN 17, 1994 17h 24m 44.07± 6.31s
45.510 N ±36.5km 7.026 E ±20.3km
DEPTH = 5.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.0 (GEN).

LSD 0.11 120 P 24 46.51 0.0
S 24 49.71
RSP 0.39 155 P 24 52.02 0.0
S 24 59.46
RRL 0.61 196 P 24 56.39 0.0
BHB 0.69 166 P 24 57.84 0.0
S 25 08.86
S.D. = 0.0 on 4 of 4 obs.

? JUN 17, 1994 17h 26m 13.10± 3.31s
40.299 N ±18.4km 26.344 E ±27.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

EZN 0.47 182 iPg 26 22.70 0.0
iSg 26 30.70
MFT 0.86 55 ePn 26 29.80 0.0
EDC 1.16 87 ePn 26 35.00 0.2
BNT 1.21 87 ePn 26 35.40 -0.2
S.D. = 0.2 on 4 of 4 obs.

% JUN 17, 1994 17h 58m 42.77± 0.60s
33.668 S ±12.8km 70.876 W ± 9.3km
DEPTH = 70.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

TACH 0.05 286 iP+ 58 52.99 -0.2
iS 59 01.00
PCH 0.31 81 iP 58 54.21 0.0
iS 59 03.04
CHCH 0.32 145 iPd 58 54.07 -0.3
iS 59 02.92
CACH 0.50 153 iP 58 56.50 0.6
iS 59 06.67
LNV 0.53 237 iP 58 55.57 -0.4
iS 59 05.45
FCH 0.60 55 iP 58 57.04 -0.1
iS 59 08.23

17d 17h

LCCH 0.61 288 iP 58 57.30 0.4
iS 59 07.32
S.D. = 0.4 on 7 of 7 obs.

? JUN 17, 1994 18h 46m 42.50± 3.68s
35.675 N ±28.3km 3.680 W ±41.0km
DEPTH = 5.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.7 (MDD).

EMEL 0.70 122 eP 46 56.50 0.0
eS 47 07.80
EGUA 1.16 5 eP 47 05.00 0.4
eS 47 22.30
ERON 1.34 356 eP 47 07.00 -0.9
eS 47 27.00
ELOJ 1.52 346 eP 47 11.00 0.6
eS 47 30.50
S.D. = 1.1 on 4 of 4 obs.

? JUN 17, 1994 19h 02m 26.71± 5.57s
13.310 N ±25.0km 89.564 W ±37.7km
DEPTH = 33.0km (normal)
EL SALVADOR (73)
MD 4.2 (SSS). Felt (II) at San Salvador.

ADES 0.40 30 ePd 02 35.90 -0.1
BOQS 0.50 33 iPd 02 37.50 -0.1
GRDS 0.52 31 iPd 02 37.60 -0.1
PICS 0.52 35 iPd 02 37.80 -0.1
SJAS 0.52 47 iPd 02 37.80 0.0
eS 02 47.10
VSS 0.53 36 iPd 02 38.00 0.1
CIGS 0.54 44 eP 02 38.10 0.1
eS 02 48.60
LFRS 0.58 57 iPd 02 38.50 -0.1
QZA 0.59 69 iPd 02 38.30 -0.3
ANGS 0.61 37 iPd 02 39.00 0.1
LFU 0.62 45 iPd 02 39.20 0.1
OJOS 0.64 30 iPd 02 39.30 0.0
iS 02 50.80
LBRS 0.66 50 iPd 02 39.90 0.2
LCBS 0.66 59 iPd 02 39.60 -0.1
TME 0.73 16 eP 02 30.30 -10.3X
VSM 1.26 85 eP 02 48.50 0.1
eS 03 06.10
S.D. = 0.2 on 15 of 16 obs.

JUN 17, 1994 19h 12m 10.36± 0.78s
17.673 S ±10.7km 178.892 W ± 7.4km
DEPTH = 524.6 ± 10.1 km
4.5mb (14 obs.)
FIJI ISLANDS REGION (181)

VUN 2.54 262 eP 13 21.00 -0.1
DZM 14.47 250 iPc 15 16.20 1.2
NOUC 14.60 250 iPc 15 17.40 1.2
KHZ 25.50 193 P 16 57.30 -1.0
LTZ 26.13 195 P 17 02.40 -1.6
PMO 29.84 89 eP 17 36.70 0.2
1.2s 63.10nm 5.1mb
VAH 30.06 90 eP 17 38.20 -0.1
1.2s 28.60nm 4.7mb
TPT 30.11 90 eP 17 39.00 0.2
0.9s 24.60nm 4.8mb
RUV 30.30 90 eP 17 40.30 -0.1
1.1s 45.40nm 5.0mb
CNB 33.21 232 iPd 18 06.20 1.3
0.5s 32.00nm 5.2mb
CAN 33.48 232 iPd 18 08.00 0.8
TOO 36.96 230 iPd 18 37.20 1.2
0.7s 51.00nm 5.2mb
WRA 44.22 259 P 19 33.20 -1.2
1.0s 3.20nm 3.8mb
FORT 49.69 244 iPd 20 15.00 -0.9
WARB 50.93 250 iPd 20 24.50 -0.5
0.3s 5.00nm 4.4mb
WOOL 55.16 244 iPc 20 54.00 -1.2
MBL 57.59 256 eP 21 10.70 -1.4
NANU 61.35 254 iPc 21 36.90 -0.2
0.4s 4.00nm 4.2mb
MAT 67.44 324 eP 22 14.00 -1.2
0.9s 10.08nm 4.4mb
SLKM 81.27 14 ePc 23 30.87 -1.3
TTA 82.32 10 ePc 23 36.82 -0.6
1.1s 6.78nm 4.1mb
RMW 82.54 35 eP 23 39.40 0.5
KLU 83.17 15 (P) 23 41.02 -0.7
BJI 83.29 316 eP 23 43.50 0.8
1.4s 12.00nm 4.3mb
BALM 83.73 17 ePc 23 43.89 -0.7
MSU 83.77 46 eP 23 46.54 1.1
NEW 85.59 36 (P) 23 53.51 -0.3
1.1s 4.94nm 4.1mb
INK 91.78 15 eP 24 22.00 -0.2
1.0s 2.00nm 4.1mb
CLL 145.13 347 iPKPc 30 49.10 0.1
1.4s 29.00nm
BRG 145.33 346 iPKP 30 50.20 0.9
0.9s 10.00nm
PRU 146.00 344 PKP 30 52.50 2.0
i 30 54.20
ENN 146.76 354 ePKP 30 57.00 5.4X
0.7s 5.30nm
ZST 146.87 340 ePKP 30 55.20 3.3X
KHC 147.03 345 PKP 30 55.30 3.1X
1.0s 7.00nm
GRF 147.03 348 ePKP 30 55.30 3.1X
e 30 58.70
GEC2 147.27 345 PKP 30 54.10 1.4
0.8s 3.78nm
WLF 147.83 354 iPKPd 30 57.91 4.6X
1.1s 6.90nm
CDF 148.93 352 ePKP 30 59.70 4.4X
0.6s 3.05nm
FLN 148.96 2 ePKP 30 59.70 4.5X
0.9s 15.55nm
LDF 149.14 2 ePKP 31 00.20 4.7X
1.0s 10.60nm
GRR 149.32 3 ePKP 31 00.90 5.2X
1.2s 19.95nm
HAU 149.45 353 ePKP 31 01.20 5.2X
0.5s 2.50nm
BSF 149.56 352 ePKP 31 01.30 5.0X
0.6s 2.05nm
LPF 149.67 3 ePKP 31 01.60 5.4X
1.1s 28.35nm
LOR 150.40 356 ePKP 31 03.50 6.1X
0.8s 8.20nm
SSF 150.63 357 ePKP 31 04.10 6.3X
0.6s 4.50nm
LBF 150.67 356 ePKP 31 04.10 6.2X
0.8s 4.45nm
AVF 150.90 357 ePKP 31 04.20 6.0X
0.8s 2.55nm
MFF 151.13 2 ePKP 31 05.00 6.5X
0.6s 2.70nm
TCF 151.45 358 ePKP 31 05.70 6.7X
0.7s 2.10nm
LSF 151.50 359 ePKP 31 05.70 6.6X
0.8s 5.65nm
MAF 151.51 358 ePKP 31 05.20 6.1X
0.5s 1.70nm
CAF 152.82 359 ePKP 31 09.10 8.1X
0.8s 2.30nm
S.D. = 1.0 on 32 of 53 obs.

JUN 17, 1994 19h 58m 18.92± 0.92s
43.705 N ± 6.2km 7.683 E ± 5.9km
DEPTH = 5.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.3 (GEN), 2.2 (LDG).

SBF 0.24 312 Pg 58 24.80 1.0
Sg 58 28.20
ENR 0.55 340 P 58 30.27 0.2
S 58 36.90
STV 0.60 334 P 58 30.95 0.1
S 58 38.14
ROB 0.61 13 P 58 31.32 0.3
S 58 38.87
FIN 0.63 37 P 58 32.05 0.5
S 58 40.29
FRF 0.77 260 Pg 58 34.30 0.0
Sg 58 44.10
PZZ 0.90 333 P 58 36.44 -0.3
S 58 47.37
LMR 0.93 247 Pg 58 36.90 -0.2
Sg 58 48.80
LRG 0.99 256 Pg 58 38.50 0.3
Sg 58 51.20
PCP 1.04 36 P 58 39.18 0.1
S 58 51.96
BHB 1.18 345 P 58 40.69 -0.7
S 58 54.98
RRL 1.38 332 P 58 44.66 -0.3
S 59 01.84
RSP 1.48 348 P 58 45.29 -1.0
S 59 02.85
S.D. = 0.6 on 13 of 13 obs.

JUN 17, 1994 22h 26m 10.11± 0.46s
38.932 N ± 5.1km 118.006 W ± 3.9km
DEPTH = 5.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
ML 3.2 (GS). MD 3.0 (GM).

TNP 1.05 144 eP 26 31.13 0.6
eS 26 46.24
MRCM 1.32 198 eP 26 35.39 0.3
MEMM 1.46 210 eP 26 36.93 -0.2
MMPM 1.55 212 eP 26 38.08 -0.6
MTUM 1.64 196 eP 26 39.86 0.0
CMB 2.07 245 eP 26 46.48 0.5
TPNV 2.42 144 eP 26 50.71 -0.4
ORV 2.78 284 eP 26 56.17 0.0
ARUT 3.77 106 (Pn) 27 10.11 -0.2
LBFM 3.83 310 eP 27 11.24 0.0
DUG 4.21 71 (Pn) 27 16.60 0.1
MSU 4.58 93 (Pn) 27 21.82 0.0
S.D. = 0.4 on 12 of 12 obs.

% JUN 17, 1994 22h 57m 58.23± 0.65s
44.786 N ± 5.2km 7.659 E ± 5.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.6 (GEN).

BHB 0.29 281 P 58 05.76 1.5
S 58 10.48
RSP 0.46 322 P 58 07.78 0.1
S 58 14.05
PZZ 0.49 235 P 58 07.87 -0.3
S 58 14.37
ROB 0.51 163 P 58 09.47 0.8
S 58 16.79
ENR 0.58 197 P 58 09.65 -0.5
S 58 17.07
STV 0.59 204 P 58 09.43 -0.8
S 58 16.89
RRL 0.64 283 P 58 11.17 0.0
S 58 19.45
PCP 0.68 111 P 58 11.94 0.2
S 58 20.96
FIN 0.70 146 P 58 12.03 0.0
S 58 21.37
LSD 0.76 332 P 58 12.31 -1.0
S 58 22.24
S.D. = 0.8 on 10 of 10 obs.

% JUN 17, 1994 23h 24m 00.69± 3.29s
33.070 S ±13.5km 70.852 W ± 9.9km
DEPTH = 73.2 ± 32.1 km
CHILE-ARGENTINA BORDER REGION (127)
MD 3.3 (SAN).

PEL 0.16 118 iP+ 24 11.97 0.1
iS 24 20.30
ROCH 0.17 306 iP+ 24 12.03 -0.1
iS 24 20.75
JACH 0.44 29 iPd 24 13.56 0.0
iS 24 23.50
FCH 0.54 119 iP+ 24 14.79 0.1
iS 24 25.15
PCH 0.62 153 iP+ 24 15.19 -0.1
iS 24 25.56
LCCH 0.72 236 iPd 24 16.43 0.1
iS 24 29.01
CHCH 0.88 169 iPd 24 17.91 -0.2
iS 24 31.23
LNV 1.00 208 iPd 24 19.47 -0.1
iS 24 33.73
CACH 1.07 169 iP+ 24 20.75 0.2
iS 24 36.29
S.D. = 0.2 on 9 of 9 obs.

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* JUN 17, 1994 23h 57m 25.21± 0.91s
50.953 N ±16.4km 178.141 W ± 9.1km
DEPTH = 33.0km (normal)
4.2mb (13 obs.)

ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 4.3 (PMR).

ADK 1.30 44 ePc 57 47.59 0.4
eS 58 01.28
SMY 5.13 293 e(P) 58 44.60 2.9
SDN 11.46 61 e(P) 00 11.20 1.8
SVW 16.09 42 eP 01 11.74 1.5
0.9s 25.62nm 4.4mb
KDC 16.36 56 eP 01 12.39 -1.2
0.7s 7.68nm 3.9mb
TTA 16.90 36 eP 01 21.41 0.8
0.7s 3.15nm 3.6mb
SLKM 18.26 48 eP 01 36.14 -1.3
PMS 18.82 46 eP 01 44.00 -0.2
0.8s 6.80nm 3.9mb
IMA 19.60 30 eP 01 50.57 -2.8
1.0s 7.00nm 3.9mb
TOA 20.63 45 eP 02 04.40 0.4
0.3s 6.80nm 4.5mb
FBA 21.03 37 (P) 02 08.11 0.1
0.4s 0.59nm 3.3mb
NEW 38.65 69 eP 04 47.38 0.4
0.8s 6.74nm 4.5mb
e 04 55.90
TPNV 45.39 83 eP 05 43.56 1.2
DUG 45.56 77 eP 05 44.94 1.3
0.6s 3.40nm 4.4mb
BW06 46.04 72 eP 05 47.53 0.0
0.6s 3.57nm 4.5mb
e 05 56.44
SRU 47.62 77 eP 06 00.59 0.6
PV09 48.86 77 eP 06 09.93 0.3
LZH 55.90 287 eP 07 00.00 -2.2
1.5s 27.00nm 5.1mb
LTX 58.31 81 (P) 07 18.02 -1.2
MIAR 60.88 70 eP 07 35.59 -1.1
0.6s 3.36nm 4.6mb
e 07 45.22
SGS 69.41 63 eP 08 31.85 0.1
GEC2 80.07 352 P 09 31.00 -1.8
0.6s 0.63nm 3.8mb
GBA 88.40 290 P 10 15.00 -0.2
S.D. = 1.4 on 23 of 23 obs.

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* JUN 18, 1994 01h 10m 44.84± 2.20s
21.250 S ±11.9km 170.382 E ±22.6km
DEPTH = 169.6 ± 15.7 km
4.7mb (3 obs.)
LOYALTY ISLANDS REGION (189)

DZM 3.75 257 iPd 11 43.00 -0.2
iS 12 26.80
NOUC 3.89 257 iPc 11 44.80 0.0
iS 12 30.40
BKM 4.09 330 iPd 11 47.20 -0.3
iS 12 33.50
HNR 15.46 318 eP 14 16.00 0.7
CNB 23.15 228 iPc 15 39.00 1.8
0.4s 16.00nm 4.9mb
WOOL 44.48 247 eP 18 40.20 -0.7
KLB 47.85 246 eP 19 06.40 -1.0
NWAO 48.28 244 iPc 19 10.20 -0.5
0.5s 11.00nm 4.7mb
SPA 68.88 180 iPd 21 32.70 -0.2
1.0s 8.00nm 4.5mb
BRG 145.14 334 iPKP 30 03.80 0.5
CLL 145.18 335 iPKPc 30 03.70 0.3
PRU 145.55 332 ePKP 30 04.50 0.4
EKA 145.62 353 PKP 30 03.00 -1.0
1.0s 2.30nm
KHC 146.60 332 ePKP 30 08.60 2.7X
1.0s 7.00nm
e 30 57.50
GEC2 146.76 332 PKP 30 08.50 2.3X
0.6s 5.30nm
GRF 147.16 335 ePKP 30 10.10 3.4X
OHR 147.55 315 e(PKP)30 10.80 3.1X
BCAO 147.96 242 iPKPc 30 13.00 3.9X
0.8s 11.00nm
CDF 149.70 337 ePKP 30 15.90 5.1X
0.9s 6.90nm
OSS 149.96 332 ePKPc 30 17.30 5.9X
LLS 150.31 334 ePKPc 30 17.80 5.9X
BSF 150.36 337 ePKP 30 17.50 5.6X
0.8s 11.95nm
HAU 150.37 338 ePKP 30 17.60 5.8X
0.7s 12.35nm
APL 150.55 335 ePKPc 30 18.20 6.1X
TMA 150.96 333 iPKPd 30 18.90 6.0X
MMK 151.39 334 ePKPc 30 20.80 7.2X
DIX 151.59 335 ePKPc 30 21.30 7.3X
FLN 151.59 347 ePKP 30 20.00 6.5X
0.5s 9.25nm
LDF 151.68 347 ePKP 30 20.20 6.6X
0.7s 6.40nm
LOR 151.84 340 ePKP 30 20.90 6.9X
0.7s 5.30nm
GRR 152.02 348 ePKP 30 21.20 7.1X
0.8s 8.85nm
SSF 152.13 341 ePKP 30 21.60 7.2X
0.8s 5.90nm
LPL 152.32 335 ePKP 30 22.50 7.5X
0.5s 2.85nm
LPG 152.33 335 ePKP 30 22.60 7.5X
0.7s 5.30nm
LPF 152.40 348 ePKP 30 22.10 7.4X
0.7s 9.15nm
BGF 152.79 341 ePKP 30 22.70 7.4X
0.7s 3.95nm
TCF 153.22 342 ePKP 30 24.00 8.0X
0.8s 2.30nm
LSF 153.45 343 ePKP 30 24.10 7.8X
0.5s 2.20nm
S.D. = 0.9 on 13 of 38 obs.

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* JUN 18, 1994 02h 22m 06.30± 0.70s
30.289 S ± 5.8km 178.286 W ± 4.2km
DEPTH = 155.8 ± 5.9 km
5.2mb (35 obs.)
KERMADEC ISLANDS, NEW ZEALAND (178)
Mw 5.4 (HRV). Felt on Raoul
Island.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, 66C
Centroid Location:
Origin Time 02:21:57.2 0.3
Lat 30.38S 0.03 Lon 177.75W 0.03
Dep 48.7 2.2 Half-duration 1.2
Moment Tensor; Scale 10**17 Nm
Mrr= 1.29 0.03 Mtt= 0.17 0.06
Mff=-1.46 0.05 Mrt= 0.01 0.06
Mrf= 0.74 0.07 Mtf= 0.08 0.04
Principal Axes:
T Val= 1.47 Plg=76 Azm=276
N 0.18 2 178
P -1.65 14 88
Best Double Couple:Mo=1.6*10**17
NP1:Strike=175 Dip=31 Slip= 86
NP2: 359 59 92

SNZO 12.38 205 eP 24 56.00 -2.2
S 26 57.00
DZM 15.95 297 iPc 25 44.00 0.5
NOUC 16.05 297 iPc 25 45.00 0.5
BKM 17.57 313 iPc 26 03.90 0.9
RIV 26.09 254 iPc 27 29.70 2.6
CNB 27.58 251 iPd 27 43.20 2.5
1.0s 119.00nm 5.5mb
CAN 27.88 251 iPc 27 45.00 1.6
i 28 04.60
BWA 28.35 253 iPc 27 47.20 -0.5
e 28 07.00
TOO 30.78 247 iPd 28 10.40 1.3
0.9s 204.00nm 5.9mb
CTA 33.54 279 P 28 35.29 2.1
ADE 36.31 251 e(P) 28 58.00 1.4
PMG 38.34 296 eP 29 15.00 1.4
LAT 40.17 299 eP 29 29.80 1.0
ASPA 42.87 267 P 29 50.50 -0.4
0.6s 74.40nm 5.5mb
WRA 43.85 272 P 29 59.00 0.2
1.4s 124.40nm 5.3mb
FORT 45.84 255 eP 30 13.80 -0.6
0.4s 25.00nm 5.2mb
WARB 48.30 261 eP 30 32.50 -1.2
0.4s 9.00nm 4.8mb
KNA 50.41 274 eP 30 50.00 0.1
WOOL 51.04 253 eP 30 53.10 -1.4
COOL 51.56 253 eP 30 57.50 -1.0
RKG 53.95 247 eP 31 14.50 -1.5
KLB 54.15 251 eP 31 15.60 -1.9
BAL 55.30 252 eP 31 44.00 18.2X
1.0s 50.00nm
MBL 55.90 264 eP 31 29.00 -1.3
0.4s 16.00nm 5.3mb
GUA 56.16 315 eP 31 30.70 -1.4
0.8s 262.69nm 6.2mb
GUMO 56.23 315 eP 31 30.40 -2.1
0.8s 208.40nm 6.1mb
PJG 56.23 315 eP 31 30.70 -1.8
MRWA 56.31 253 eP 31 31.50 -1.6
SPA 59.88 180 iPc 31 57.20 -0.4
0.6s 52.44nm 5.6mb
BIP 65.54 296 eP 32 33.00 -2.3
PLP 68.34 298 ePd 32 51.50 -1.5
TSM 69.94 288 eP 32 58.00 -4.8X
MAW 72.33 201 P 33 17.10 0.9
LEM 72.87 272 iPd 33 21.50 1.1
CVP 74.82 301 ePc 33 31.00 -0.4
BAG 74.94 299 eP 33 31.20 -1.1
KAKJ 76.79 327 eP 33 42.00 0.0
CHJJ 77.23 326 eP 33 44.30 -0.2
IIDJ 77.32 325 eP 33 44.70 -0.3
MAT 78.01 325 (P) 33 48.00 -0.8
1.0s 23.00nm 4.9mb
eS 43 53.00
TKSJ 78.18 321 P 33 50.10 0.4
MTMJ 78.24 325 eP 33 50.00 -0.2
TSRJ 78.34 323 eP 33 50.70 0.1
OFUJ 78.44 329 eP 33 51.10 0.0
YONJ 79.40 322 P 33 56.50 0.1
ADK 81.83 1 eP 34 07.73 -0.9
1.3s 97.88nm 5.4mb
YSS 84.61 334 ePc 34 23.40 0.5
0.9s 30.00nm 5.1mb
PET 85.36 346 eP 34 30.00 3.5X
eS 44 40.00
SAO 85.36 42 ePd 34 31.78 4.8X
Z 17s 1.00um 5.3MszX
eS 44 46.78
eSKS 44 55.78
ePS 45 10.78
eSP 45 11.78
eLQ 58 28.78
eLR 00 26.78
ABL 85.40 45 eP 34 27.61 0.2
MHC 85.64 42 ePc 34 28.84 0.3
1.6s 100.00nm 5.4mb
Z 17s 0.90um 5.2MszX
ec- 34 31.19
epPd 34 44.99 57kmX
eSKS 44 44.19
eSP 45 12.19
iPS 45 13.19
eLR 00 22.20
BKS 85.67 41 eP 34 25.37 -3.1X
Z 17s 1.00um 5.3MszX
eS 44 51.37
eSKS 44 52.37
eSPc 45 09.37
iPS 45 10.37
eSS 50 21.37
eLQ 56 49.37
eLR 00 28.37
ARN 85.71 42 eP 34 28.82 0.1
epP 34 45.22 58kmX
PLM 85.89 47 ePc 34 30.03 0.2
epP 34 46.06 56kmX
SSK 85.92 46 eP 34 29.62 -0.4
epP 34 47.40 63kmX
PEC 86.05 47 eP 34 30.25 -0.2
1.1s 25.56nm 5.0mb
CSP 86.19 46 eP 34 31.84 0.6
epP 34 47.97 57kmX
ISA 86.39 45 ePc 34 32.48 0.4
1.0s 41.00nm 5.2mb
epP 34 48.33 55kmX
KMPM 86.41 38 eP 34 32.89 0.8
SDN 86.64 10 ePc 34 32.39 -0.3
0.8s 245.28nm 6.1mb
CMB 86.84 42 ePc 34 34.00 -0.2
1.0s 30.00nm 5.1mb
Z 17s 0.70um 5.1MszX
epPd 34 50.25 57kmX
eSKS 45 05.31
eS 45 06.31
eSPc 45 17.31
iPS 45 22.31
eSS 51 04.31

18d 02h

ePKKPc52 59.31
eLQ 57 38.31
eLR 01 05.31
GSC 87.19 46 ePc 34 36.38 0.4
epP 34 52.59 57kmX
ORV 87.25 40 ePc 34 35.85 -0.2
2.1s 80.00nm 5.3mb
Z 17s 0.50um 5.0MszX
epPd 34 52.10 57kmX
eS 45 02.36
eSKS 45 03.36
eSP 45 23.36
ePS 45 26.36
eSS 50 43.36
eLQ 57 47.36
eLR 01 31.36
WDC 87.38 39 eP 34 36.82 0.1
1.5s 54.67nm 5.3mb
epP 34 53.71 60kmX
MEMM 87.44 43 eP 34 37.74 0.8
BONR 88.01 43 eP 34 40.16 0.0
epP 34 57.77 62kmX
YBH 88.10 38 ePc 34 40.41 0.2
1.0s 10.00nm 4.8mb
Z 22s 0.30um 4.7Msz
epPd 34 56.66 57kmX
eS 45 10.62
eSKS 45 12.62
iPS 45 35.62
eLQ 56 49.62
eLR 01 44.62
TPNV 88.59 45 eP 34 43.08 0.3
LOE 90.32 290 eP 34 53.50 2.5
KDC 90.34 13 eP 34 50.30 0.1
1.5s 191.40nm 5.9mb
SSOR 90.41 36 P 34 51.25 0.3
VBEM 91.00 36 P 34 53.85 0.1
VIPM 91.12 37 P 34 54.72 0.4
BMW 91.16 35 ePc 34 55.00 0.7
CROR 91.25 37 P 34 55.09 0.3
SHW 91.46 35 eP 34 56.44 0.7
VGB 91.73 36 eP 34 56.78 -0.1
ASR 91.75 36 P 34 57.25 0.2
LON 92.06 35 eP 34 58.21 -0.2
MSU 92.09 46 eP 34 59.66 0.7
epP 35 17.08 61kmX
GMW 92.13 34 eP 34 58.39 -0.3
JBO 92.18 37 P 34 59.23 0.3
FMW 92.25 35 P 34 59.83 0.3
LTX 92.54 57 eP 35 00.54 -0.6
epP 35 17.61 60kmX
RMW 92.55 34 eP 35 00.75 0.1
BJI 92.67 316 eP 35 02.00 0.7
1.0s 6.00nm 4.7mb
Z 24s 0.52um 4.9MszX
DUG 92.73 44 eP 35 01.54 -0.2
1.1s 6.30nm 4.7mb
MCW 92.91 33 (P) 35 02.55 0.3
SVW 92.93 11 eP 35 01.80 -0.3
1.2s 42.60nm 5.5mb
JCW 93.00 34 P 35 02.84 0.2
CHTO 93.31 290 ePc 35 08.10 3.4X
1.2s 18.40nm 5.2mb
SLKM 93.35 13 ePc 35 03.72 -0.3
epP 35 20.43 58kmX
SRU 93.47 46 eP 35 05.08 -0.2
epP 35 21.88 59kmX
KMI 93.55 297 ePd 35 06.20 0.2
1.0s 20.00nm 5.3mb
pP 35 15.20 28kmX
WTV 93.63 35 P 35 05.40 -0.2
CP2 93.66 12 eP 35 05.06 -0.6
ALQ 93.70 51 eP 35 06.53 0.1
0.8s 6.89nm 4.9mb
epP 35 23.56 60kmX
HVU 93.72 43 eP 35 06.14 -0.2
epP 35 23.79 62kmX
DAU 93.80 45 (P) 35 06.49 -0.5
SAW 93.91 35 P 35 06.70 -0.2
PV09 93.99 47 eP 35 07.73 -0.1
PV08 94.34 47 eP 35 09.12 -0.4
epP 35 26.37 60kmX
PMR 94.56 14 eP 35 08.84 -0.6
0.8s 10.05nm 5.1mb
TTA 94.59 10 eP 35 09.53 -0.2
1.3s 18.75nm 5.2mb
epP 35 26.62 60kmX

DPW 94.62 36 ePc 35 09.79 -0.4
PTI 94.63 42 eP 35 10.80 0.3
BALM 95.59 17 eP 35 14.15 -0.3
BW06 96.23 44 ePc 35 16.71 -1.2
0.8s 3.22nm 4.8mb
LRM 96.38 40 eP 35 16.10 -2.4
GLD 97.20 48 eP 35 22.64 0.4
0.7s 9.16nm 5.3mb
FBA 97.81 13 ePc 35 23.02 -1.2
0.8s 2.32nm 4.7mb
ILT 97.89 360 iPd 35 24.40 0.1
1.0s 18.00nm 5.5mb
IMA 97.90 10 eP 35 23.69 -1.0
1.1s 4.26nm 4.9mb
GBA 108.95 275 PKP 40 21.00 1.7
MBC 112.36 13 ePKP 40 23.50 -0.5
0.6s 2.00nm
NDI 115.46 290 ePKP 40 31.50 0.1
YSNY 116.49 55 ePKP 40 31.53 -1.5
RES 117.21 17 ePKP 40 32.50 -0.9
1.0s 4.00nm
BINY 118.21 55 ePKP 40 35.22 -1.1
GAC 119.50 52 ePKP 40 37.50 -1.0
RSNY 119.86 53 ePKP 40 38.19 -1.1
LBNH 121.60 54 ePKP 40 42.37 -0.2
SOB1 123.28 127 ePKP 40 46.60 -0.1
CBM 124.74 52 ePKP 40 47.12 -1.4
ITR 125.29 129 ePKP 40 50.40 -0.2
e 41 07.10
FRB 125.41 31 ePKP 40 49.00 -0.3
0.7s 6.00nm
BRVK 126.22 316 iPKPc 40 51.00 -0.3
1.0s 66.00nm
LMN 126.85 53 ePKPd 40 52.10 -0.6
0.8s 33.00nm
MAIO 131.94 293 ePKP 41 04.00 1.2
DAG 132.45 6 ePKP 41 01.00 -1.5
0.7s 9.59nm
isP 43 23.50
ASH 133.11 295 ePKP 41 05.00 0.1
LVZ 137.67 342 ePKP 41 08.30 -4.4X
SDF 140.03 345 iPKP 41 09.00 -7.9X
TAB 142.57 294 ePKP 41 14.00 -8.5X
GRO 142.88 303 iPKPd 41 21.00 -1.6
1.0s 60.00nm
MTA 143.67 300 iPKPc 41 22.00 -2.0
0.8s 40.00nm
MOS 144.10 326 iPKPc 41 20.00 -4.3X
2.0s 140.00nm
e 44 46.00
KAF 144.36 340 iPKP 41 22.10 -2.5
0.6s 59.30nm
PYA 144.68 304 iPKPc 41 25.50 -0.2
PUL 144.80 335 ePKP 41 24.00 -1.3
1.2s 220.00nm
e 41 52.00
e 42 10.00
OBN 144.93 325 iPKPc 41 25.00 -0.7
1.5s 280.00nm
e 42 07.50
KIV 144.96 304 iPKPc 41 26.00 -0.3
1.3s 86.00nm
NUR 146.12 340 iPKP 41 27.40 -0.2
0.6s 182.40nm
SOC 147.14 304 ePKP 41 29.00 -0.7
UPP 148.54 345 iPKPc 41 34.40 3.0
i 41 37.90
i 41 41.60
NB2 148.60 351 PKP 41 35.60 4.0X
0.7s 64.50nm
BCAO 149.77 215 iPKPd 41 36.00 1.2
0.9s 27.00nm
i 41 40.90
MNK 149.90 329 ePKP 41 33.50 -0.2
1.2s 320.00nm
BHL 151.10 286 PKP 41 47.00 10.7X
LFK 152.86 289 ePKP 41 46.90 8.1X
CSS 153.03 288 ePKP 41 47.00 8.0X
KIS 153.20 316 iPKPc+41 46.00 7.3X
1.0s 200.00nm
MUD 153.32 351 iPKPd 41 47.00 8.4X
1.3s 44.00nm
BSD 153.46 343 iPKPc 41 47.00 8.2X
0.6s 40.00nm
EKA 154.73 7 PKP 41 40.00 -0.5
0.7s 4.30nm
LIC 155.24 164 (PKP) 41 52.05 9.6X

0.4s 3.00nm
KIC 155.43 164 (PKP) 41 52.94 10.2X
0.6s 6.50nm
TIC 155.64 164 (PKP) 41 53.66 10.6X
0.7s 9.50nm
UZH 155.88 325 iPKPd 41 53.00 10.7X
OKC 156.87 332 PKP 41 44.10 0.5
e 42 14.30
CLL 157.38 341 ePKP 41 44.00 -0.2
1.6s 14.00nm
i 41 56.20
i 42 16.40
BRG 157.49 339 iPKP 41 45.30 1.0
1.2s 22.00nm
i 41 56.40
WTS 157.99 352 ePKP 41 45.00 0.2
1.0s 17.90nm
e 42 19.00
PRU 158.07 337 ePKP 41 45.40 0.4
1.4s 30.50nm
e 41 57.90
e 42 19.30
LKO 158.26 160 (PKP) 42 04.39 18.0X
0.5s 4.00nm
MOX 158.35 343 e(PKP)41 46.00 0.6
e 42 02.00
e 42 21.00
ZST 158.58 331 ePKP 41 46.30 0.7
KHC 159.13 338 PKP 41 46.60 0.3
1.1s 10.50nm
e 42 04.00
e 42 25.00
e 42 36.00
e 43 31.50
e 45 50.00
e 50 31.00
GRF 159.33 342 ePKP 41 46.40 -0.1
e 42 25.20
e 42 28.10
GEC2 159.34 337 PKP 41 46.80 0.2
1.0s 6.89nm
GEC2 159.34 337 PKP 42 00.80 14.2X
e 42 10.90
e 42 18.10
e 42 22.20
e 42 25.50
e 42 28.70
WET 159.34 339 iPKPd 41 47.40 0.9
i 42 26.60
TNS 159.45 348 ePKPc 41 46.70 0.1
iPKPab42 25.50
SNF 159.71 355 PKP 41 48.50 1.7
id 42 26.62
VAY 159.87 309 ePKP 41 39.60 -7.7X
SKO 160.31 312 iPKP 41 48.00 0.3
i 42 30.50
PTJ 160.85 328 ePKP 41 45.40 -2.8
KBA 160.97 335 iPKPc 41 47.70 -0.8
0.8s 16.90nm
i 42 32.90
OHR 161.15 310 iPKP 41 48.50 -0.2
LJU 161.36 331 ePKP 41 49.00 0.4
epP'df42 06.50
WTTA 161.40 338 iPKPc 41 48.70 -0.2
1.4s 17.30nm
i 42 03.20
i 42 34.80
CDF 161.41 348 iPKPc 41 48.80 0.1
1.4s 13.50nm
FLN 161.47 5 iPKPc 41 49.20 0.6
1.2s 31.55nm
SQTA 161.57 339 iPKPc 41 49.00 0.0
i 42 35.40
VOY 161.63 332 ePKP 41 49.40 0.4
e 41 54.50
ePKPab42 38.00
LDF 161.67 4 iPKPc 41 49.20 0.4
1.1s 19.55nm
GRR 161.82 6 ePKP 41 49.60 0.6
HAU 161.95 350 iPKPc 41 49.60 0.4
1.3s 22.40nm
BSF 162.05 349 iPKPc 41 49.70 0.3
1.3s 27.80nm
ZLA 162.08 345 ePKPd 41 49.90 0.5
LPF 162.16 6 iPKPc 41 49.90 0.6
1.1s 16.85nm
LLS 162.51 343 iPKPc 41 50.10 0.1

APL 162.61 345 ePKPc 41 51.30 1.3
LOR 162.96 355 iPKPc 41 50.90 0.7
1.4s 31.80nm
HYF 163.03 358 ePKP 41 51.20 0.9
SSF 163.19 356 iPKPc 41 51.10 0.7
1.3s 29.95nm
LBF 163.24 355 iPKPc 41 51.10 0.5
1.4s 27.90nm
TMA 163.25 342 ePKPc 41 50.60 -0.2
AVF 163.47 356 iPKPc 41 51.10 0.4
1.4s 15.70nm
MMK 163.52 344 ePKPd 41 52.40 1.3
SMF 163.59 355 iPKPc 41 51.20 0.3
1.3s 17.35nm
MFF 163.65 5 iPKPc 41 51.60 0.7
1.4s 30.50nm
BGF 163.73 357 iPKPc 41 51.80 0.8
1.4s 34.85nm
TCF 164.02 359 iPKPc 41 52.00 0.7
1.4s 25.25nm
LPL 164.30 347 iPKPc 41 52.50 0.6
LPG 164.31 347 iPKPc 41 52.70 0.7
RJF 165.01 1 iPKPc 41 53.10 0.9
1.2s 22.90nm
LFF 165.35 3 iPKPc 41 53.40 0.9
1.0s 11.20nm
CAF 165.39 359 iPKPc 41 53.50 0.9
1.0s 13.80nm
LPO 165.63 2 iPKPc 41 53.90 1.2
1.3s 16.25nm
SBF 165.71 343 iPKPc 41 52.90 0.0
1.2s 24.10nm
LMR 166.43 345 iPKPc 41 53.60 0.2
1.4s 24.40nm
EPF 167.24 5 iPKPc 41 55.40 1.3
1.2s 20.85nm
PAB 169.51 27 ePKPc 41 57.60 1.9
S.D. = 1.0 on 190 of 214 obs.

JUN 18, 1994 02h 22m 54.78± 0.54s
49.178 N ± 5.6km 6.999 E ± 6.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.5 (STR), 2.3 (UCC).

LANF 0.57 110 Pg 23 05.86 -0.4
SRBF 0.62 115 Pg 23 07.42 0.2
HOFF 0.68 110 Pg 23 08.17 0.0
WLF 0.74 312 iPd 23 07.63 -1.6
iS 23 17.10
CDF 0.79 166 Pg 23 09.07 -1.1
Sg 23 20.00
WLS 0.80 163 Pg 23 09.32 -1.1
Sg 23 20.08
ECH 0.97 174 Pg 23 12.85 -0.4
BSF 1.35 186 Pg 23 19.59 -0.2
Sg 23 37.52
FEL 1.47 152 Pg 23 22.47 1.1
MEM 1.57 336 iPd 23 21.65 -1.0
ic 23 22.96
iS 23 41.74
ENN 1.74 337 ePg 23 26.00 0.9
0.6s 21.90nm
e(Sg) 23 47.00
DOU 1.81 301 P 23 27.70 1.4
e 42 28.50
LOMF 1.83 184 Pg 23 28.38 1.7
SNF 2.21 308 P 23 39.30 7.3X
MOX 3.33 62 (Pg) 24 04.00 16.1X
eSg 24 49.00
KHC 4.32 88 ePn 24 03.50 1.5
e 24 21.50
e 24 51.00
eSn 25 13.50
e 25 17.50
e 25 58.50
GEC2 4.42 92 Pn 24 02.60 -0.9
0.3s 0.70nm
e 24 03.70
PRU 4.97 78 ePn 24 18.00 6.8X
e 25 37.50
eSg 25 49.00
S.D. = 1.2 on 15 of 18 obs.

% JUN 18, 1994 02h 46m 54.75± 3.66s
33.430 S ± 7.3km 70.748 W ±11.6km
DEPTH = 78.4 ± 38.1 km
CHILE-ARGENTINA BORDER REGION (127)
MD 3.2 (SAN).

PCH 0.27 134 iPd 47 06.87 -0.1
iS 47 15.67
PEL 0.29 10 iPd 47 07.07 0.1
iS 47 15.91
FCH 0.40 75 iP+ 47 08.19 0.1
iS 47 17.95
ROCH 0.51 334 iPd 47 08.77 -0.1
iS 47 19.49
CHCH 0.51 171 iPd 47 08.53 -0.1
iS 47 19.39
LCCH 0.69 266 iP 47 10.76 0.4
iS 47 22.54
CACH 0.70 170 iPd 47 10.90 0.3
iS 47 24.22
JACH 0.76 10 iP+ 47 11.12 -0.1
iS 47 23.22
LNV 0.76 226 iP+ 47 10.71 -0.4
iS 47 23.84
S.D. = 0.3 on 9 of 9 obs.

? JUN 18, 1994 02h 55m 45.78± 0.58s
8.570 N ±11.2km 93.297 E ± 9.3km
DEPTH = 33.0km (normal)
4.6mb (19 obs.) 3.9Msz (1 obs.)
NICOBAR ISLANDS, INDIA (704)

NNT 7.48 57 eP 57 53.80 18.4X
BDT 10.26 32 eP 58 15.00 1.2
CHTO 11.56 28 ePc 58 38.30 6.6X
1.1s 44.17nm 5.6mb
GBA 16.35 289 P 59 45.40 10.9X
0.3s 3.00nm
S 02 22.40
HYB 16.83 303 eP 59 51.50 10.8X
KMI 18.76 28 eP 00 05.20 0.4
1.2s 20.00nm 4.2mb
sP 00 18.60
LZH 29.03 18 eP 01 43.50 -1.7
2.0s 56.00nm 4.9mb
Z 18s 0.25um 3.9Msz
WRA 49.34 125 P 04 34.20 -0.1
0.7s 2.80nm 4.4mb
KAF 71.80 333 iP 07 06.10 -0.7
0.4s 6.70nm 5.0mb
NUR 72.13 331 iP 07 07.90 -0.9
0.3s 2.80nm 4.7mb
ZST 74.46 318 eP 07 22.60 0.0
BRG 76.68 320 eP 07 35.90 0.7
GEC2 76.75 318 P 07 36.00 0.2
0.5s 1.54nm 4.3mb
e 07 37.30
e 07 39.00
e 07 43.70
e 07 53.20
CLL 77.30 321 iPd 07 38.80 0.2
GRF 78.40 319 e(P) 07 44.50 -0.2
NB2 78.72 331 P 07 45.30 -1.0
0.6s 3.80nm 4.6mb
LPG 81.54 315 eP 08 02.30 0.3
0.7s 4.85nm 4.6mb
LPL 81.55 315 eP 08 02.50 0.5
0.7s 9.25nm 4.9mb
HAU 81.66 317 eP 08 02.20 0.0
0.8s 4.55nm 4.5mb
LBF 83.34 316 eP 08 11.00 0.0
0.6s 3.25nm 4.6mb
LOR 83.40 317 eP 08 11.20 0.0
0.6s 2.25nm 4.5mb
SMF 83.47 316 eP 08 11.60 0.0
0.8s 3.10nm 4.5mb
AVF 83.79 316 eP 08 13.20 0.0
0.6s 1.45nm 4.3mb
RJF 85.23 315 eP 08 21.30 0.8
0.5s 1.60nm 4.5mb
LPO 85.54 314 eP 08 23.10 1.1
0.6s 3.05nm 4.7mb
MFF 86.20 316 eP 08 25.10 -0.1
0.5s 1.15nm 4.4mb
EKA 86.68 325 P 08 27.47 0.1
0.6s 2.50nm 4.6mb
MBC 93.19 7 eP 08 57.00 -0.6
S.D. = 0.7 on 24 of 28 obs.

JUN 18, 1994 03h 22m 39.59± 0.91s
35.323 N ± 8.2km 3.887 W ± 7.1km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.4 (MDD).

EMEL 0.76 91 iPc 22 55.08 0.6
eS 23 06.10
TAF 1.31 112 iPgc 23 10.50 6.6X
iSg 23 26.00
EGUA 1.53 10 eP 23 05.67 -1.3
eS 23 26.60
ERON 1.69 2 eP 23 09.02 -0.4
eS 23 33.20
EJIF 1.71 312 eP 23 08.18 -1.4
eS 23 30.90
PLAT 1.72 298 iP 23 11.50 1.8
MOMI 1.79 304 eP 23 13.00 2.2
ELOJ 1.83 353 eP 23 11.30 -0.2
eS 23 35.60
ALJ 1.94 315 iP 23 13.50 0.5
ECOG 1.97 7 eP 23 14.10 0.7
eS 23 39.80
EPRU 1.97 327 eP 23 13.09 -0.3
eS 23 37.00
IFR 2.07 210 iPn 23 14.00 -1.0
iSn 23 33.50
ENIJ 2.13 39 eP 23 14.97 -0.8
eS 23 42.10
ELUQ 2.25 352 eP 23 18.42 0.9
eS 23 46.50
EHUE 2.70 22 eP 23 25.20 1.3
eS 23 57.20
EHOR 2.72 337 eP 23 23.10 -1.1
eS 23 57.60
EBAN 2.84 2 eP 23 25.51 -0.3
eS 24 01.90
EVIA 3.49 18 eP 23 36.15 1.1
eS 24 16.80
AVE 3.55 236 iPn 23 41.00 5.2X
eSn 24 20.00
EPLA 5.04 340 eP 23 54.68 -2.4
eS 24 52.90
TIO 5.22 214 ePn 23 53.00 -6.7X
eSn 24 40.00
i 24 52.00
S.D. = 1.3 on 18 of 21 obs.

JUN 18, 1994 03h 25m 15.83± 0.14s
42.963 S ± 6.5km 171.658 E ± 4.6km
DEPTH = 13.6km (geophysicist)
6.2mb (22 obs.) 7.1Msz (45 obs.)
SOUTH ISLAND, NEW ZEALAND (162)
Mw 6.7 (GS), 6.8 (HRV). Ms 7.1 (BRK). ML 6.5 (WEL).
Mo=2.0*10**19 Nm (PPT). Some structural damage (VI) at Christchurch. Landslides blocked Highway 73 between Arthur's Pass and Christchurch. Felt throughout South Island and the southern part of North Island. Depth from broadband displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=197 Dip=60 Slip= 90
NP2: 17 30 90
Principal Axes:
T Plg=75 Azm=107
P 15 287
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 7.0±1.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 24 No. of sta: 22
Moment Tensor; Scale 10**19 Nm
Mrr= 0.90 Mtt= 0.17
Mff=-1.06 Mrt=-0.47
Mrf=-0.71 Mtf=-0.14
Principal axes:
T Val= 1.28 Plg=64 Azm=144
N 0.07 16 17
P -1.34 19 281

18d 03h

Best Double Couple:Mo=1.3*10**19
NP1:Strike=346 Dip=29 Slip= 56
NP2: 204 66 108
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 60S,156C M.W.: 54S,118C
Centroid Location:
Origin Time 03:25:25.2 0.1
Lat 42.94S 0.01 Lon 171.47E 0.01
Dep 15.0 FIX Half-duration 5.5
Moment Tensor; Scale 10**19 Nm
Mrr= 0.71 0.01 Mtt= 0.27 0.01
Mff=-0.98 0.01 Mrt= 0.39 0.02
Mrf=-0.26 0.03 Mtf=-1.09 0.00
Principal Axes:
T Val= 1.29 Plg=39 Azm= 31
N 0.32 51 209
P -1.61 1 300
Best Double Couple:Mo=1.5*10**19
NP1:Strike= 68 Dip=63 Slip= 150
NP2: 173 64 31

SNZO 2.80 55 ePc 26 04.92 3.9X
TAU 17.81 262 iPd 29 23.50 -1.2
iS 32 32.50
TAU 17.81 262 iPd 29 27.06 2.3
iS 32 32.50
RIV 18.44 293 iPd- 29 34.30 1.8
i 29 37.80
i 30 17.50
iS 33 01.00
eTT 44 24.00
CNB 18.87 286 eP 29 37.00 -0.9
iS 33 16.00
eTT 42 17.50
CAN 19.13 286 eP 29 42.60 1.6
i 29 45.30
eS 33 11.40
eTT 42 05.00
BWA 20.00 287 eP 29 47.40 -3.4X
i 29 50.40
TOO 20.64 276 iPd 29 56.30 -1.2
NOUC 21.28 346 iPc 30 06.10 2.1
DZM 21.28 347 iPc 30 05.80 1.6
BKM 25.38 352 iPd 30 47.20 3.0X
SVA 25.43 15 eP 30 50.00 5.4X
VUN 25.54 15 eP 30 44.70 -1.0
ADE 26.71 276 iPd- 30 55.70 -0.7
CTA 31.23 309 P 31 38.00 0.9
CTAO 31.23 309 ePc 31 38.99 1.9
ed 31 42.05
ed 31 44.04
RAR 32.24 57 ePc 31 49.35 3.4X
ed 31 54.73
AFI 32.28 31 ePc 31 47.09 0.7
e 31 54.96
HNR 34.94 340 iPc 32 10.17 0.9
ec 32 11.74
epPd 32 13.89 13kmX
esP 32 16.54
FORT 36.55 275 eP 32 22.00 -0.9
ASPA 36.56 290 P 32 21.60 -1.5
WRA 38.79 294 P 32 57.00 15.2X
1.4s 54.90nm
WRA 38.79 294 P 32 39.79 -2.0
1.4s 54.90nm 5.1mb X
WRAB 38.79 294 ePc 32 41.51 -0.2
ec 32 43.00
epPd 32 44.99 12kmX
esP 32 47.64
PMG 39.70 320 ePc 32 51.11 1.8
epP 32 55.16 14kmX
esP 32 57.23
CSY 40.15 213 P 33 02.79 10.3X
WARB 40.15 280 eP 32 52.00 -1.1
0.4s 12.00nm 4.9mb X
WOOL 41.05 270 eP 33 00.60 0.3
iPcP 35 02.40
eS 38 40.60
COOL 41.57 270 eP 33 03.50 -1.2
LAT 42.18 322 eP 33 11.70 2.0
RAB 42.31 330 eP+ 33 12.00 1.2
eS 39 52.00
NWAO 43.40 265 (P) 33 17.03 -2.5
1.6s 783.38nm 6.2mb
esPd 33 24.32
KLB 43.69 267 eP 33 21.00 -0.9

KVG 44.29 329 eP 33 26.60 -0.3
BAL 44.97 267 eP 33 31.50 -0.8
KNA 45.49 293 eP 33 34.50 -2.0
1.0s 833.00nm 6.6mb
e 33 41.50
OKTD 46.09 316 eP 33 43.70 2.4
MRWA 46.23 268 eP 33 41.00 -1.3
WWKK 46.43 320 eP 33 44.00 0.1
SPA 47.23 180 eP 33 51.00 1.1
0.8s 251.67nm 6.3mb
Z 17s 41.11um 6.5MszX
MBL 48.15 280 eP 33 54.00 -3.5X
NANU 50.41 275 iPd 34 15.20 0.4
MAW 57.55 205 P 35 07.59 0.9
MKS 59.37 294 iPd 35 21.00 1.0
GUA 61.34 330 eP 35 32.70 -0.7
1.3s 661.54nm 6.6mb
GUMO 61.40 330 eP 35 33.52 -0.3
1.4s 489.80nm 6.5mb
ec 35 35.10
esPd 35 39.73
PJG 61.40 330 eP 35 32.90 -0.9
TRT 62.30 286 iPc 35 40.00 0.0
1.0s 17.50nm 5.2mb
SJI 62.89 286 iPd 35 44.00 0.1
RPN 64.36 104 ePc 35 58.84 5.4X
DAV 65.03 308 ePc 35 57.50 -0.4
1.7s 1015.39nm 6.7mb
BIP 65.57 309 ePd 35 59.00 -2.3
CTB 65.93 307 ePc 36 04.00 0.4
LEM 66.47 283 iPc 36 08.00 0.7
i(S) 46 13.00
TSM 67.54 299 ePd 36 13.50 -0.4
HON 69.81 30 P 36 40.00 12.3X
Z 21s 48.73um 6.7Msz
KIP 69.89 30 (P) 36 26.78 -1.4
KKM 69.94 299 eP 36 26.00 -2.8
GQP 72.33 309 iPd 36 43.00 -0.1
PGP 72.86 308 iPc 36 44.00 -2.2
QCP 73.70 309 eP 36 47.00 -4.0X
BAG 75.41 310 eP+ 37 00.00 -1.1
eS 46 38.00
KGM 75.70 287 eP 37 01.00 -1.7
CVP 75.76 311 ePd 37 03.00 0.1
CRZF 76.22 218 eP 37 09.00 3.8X
iS 47 03.00
PIP 76.92 311 ePc 37 10.30 0.9
IPM 79.12 287 ePd 37 22.10 0.4
1.2s 135.30nm 5.8mb
TATO 81.86 315 (P) 37 37.02 1.1
1.1s 595.50nm 6.6mb
HKC 83.73 308 iP 37 47.90 2.3
S 41 01.00
QIZ 83.80 303 ePc 37 47.73 1.7
epPd 37 51.29 11kmX
esPd 37 53.86
MAJO 84.80 334 ePc 37 51.60 0.9
1.1s 144.19nm 6.1mb
ec 37 53.17
esPd 37 57.72
MAT 84.80 334 iPc 37 51.40 0.7
1.4s 179.07nm 6.1mb
Z 20s 21.99um 6.5Msz
eS 47 59.00
PEL 85.20 132 iPd 37 55.60 2.5
NNT 85.68 291 eP 37 58.80 3.3X
SSE 87.03 319 iP+ 38 01.00 -0.8
6.0s 3.80nm 3.8mb X
Z 24s 64.80um 7.0MszX
N 26s 23.60um
E 20s 27.70um
PP 41 20.00
SKS 47 56.00
S 48 08.00
sS 48 32.00
PS 49 46.00
SS 54 08.00
ZON 87.52 132 eP 37 59.80 -4.7X
NST 87.61 294 eP 38 06.00 1.1
LOE 87.79 296 eP 38 06.00 0.3
BDT 89.48 294 eP 38 12.00 -1.8
1.1s 159.80nm 6.2mb
SAP 89.86 338 eP 38 17.00 2.0
CHTO 90.63 295 ePc 38 20.51 1.4
1.5s 134.01nm 6.0mb
epPd 38 24.07 11kmX
esPd 38 26.72

eS 48 22.00
KMI 92.71 302 ePc 38 30.94 2.0
1.0s 30.00nm 5.7mb
Z 28s 73.80um 7.0MszX
N 14s 33.80um
E 25s 39.30um
epPd 38 34.91 12kmX
esPd 38 37.23
i 41 08.00
i 42 14.00
S 48 26.00
SS 53 46.00
VLA 92.83 332 iPc 38 33.00 4.4X
2.0s 221.00nm 6.2mb
Z 18s 3.60um 5.9MszX
N 18s 1.00um
E 19s 12.50um
i 38 44.00
i 42 20.00
iPPP 44 21.00
i 49 04.00
iS 49 38.00
iPS 50 45.00
YSS 93.19 341 ePc 38 33.33 3.1X
1.2s 90.00nm 6.1mb
Z 19s 26.30um 6.7Msz
N 19s 13.60um
E 19s 11.40um
epPd 38 38.29 15kmX
i 42 17.00
e 49 04.00
ePPS 51 20.00
eSS 55 50.00
eSSS 59 26.00
ADK 95.01 7 iPc 38 38.33 -0.1
0.9s 35.53nm 5.8mb
esPd 38 44.46
SMY 95.34 1 P 38 50.00 10.1X
Z 20s 9.90um 6.3Msz
XAN 95.69 312 ePc 38 43.51 1.4
esPd 38 49.47
PET 96.26 352 eP 38 42.00 -2.1
Z 20s 32.00um 6.8Msz
e 42 40.00
eS 50 04.00
eSS 56 40.00
BJI 96.65 320 eP 38 48.00 1.8
2.0s 160.00nm 6.2mb
Z 26s 53.60um 6.9MszX
E 22s 22.14um
ePP 42 48.00
eSKS 49 12.00
eS 50 12.00
eSS 51 15.00
eSS 57 20.00
MOCB 97.20 128 P 38 53.00 3.0X
ARE 97.29 120 eP 38 58.00 7.7X
UFRS 97.40 144 eP 38 55.10 4.9X
GRM 97.63 209 iPc 38 56.00 4.7X
1.5s 256.00nm 6.6mb
LPB 99.36 123 P 39 06.90 7.1X
SKS 49 47.00
LPAZ 99.52 123 P 39 03.00 2.2
CALB 99.69 52 ePDIFc39 02.94 2.8X
CCH 99.90 125 eP 39 09.00 6.9X
SAO 99.98 49 iPc 39 02.78 1.3
SAO 99.98 49 P 39 10.00 8.5X
Z 18s 63.88um 7.2Msz
LZH 100.00 310 Pdiffc39 03.00 1.1
2.0s 123.00nm 6.1mb
Z 30s 50.91um 6.8MszX
E 26s 28.40um
pP 39 08.00
sP 39 10.00
PP 43 10.00
SKS 49 37.00
S 50 34.00
sS 50 40.00
PS 52 10.00
SS 57 32.00
STAN 100.05 48 ePdiff39 04.74 2.9X
Z 18s 60.00um 7.1Msz
ePPd 43 11.84
eLQ 06 47.84
eLR 11 04.84
MHC 100.30 48 iPdiff39 04.54 1.4
3.7s 560.00nm 6.5mb X

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 Z 19s    79.00um          7.2Msz
          ePPd  43 10.84
          eSKS  49 42.19
          eS    50 46.19
          iPS   52 20.19
          iSS   57 50.19
          eSSS  01 29.19
          eP'P' 03 15.19
          eSSSS 04 46.19
          iLQ   06 31.19
          eLR   11 01.19
BKS   100.36  47 ePdiff39 05.37   2.1
 Z 19s    66.00um          7.2Msz
          ePPd  43 12.37
          ePS   52 18.37
          iSS   57 52.37
          eLQ   06 30.37
          eLR   11 17.37
PFO   100.58  54 ePdiff39 06.23   1.7X
SDN   100.75  16 Pdiff 39 10.00   5.5X
 Z 20s     0.79um          5.2MszX
ISA   100.86  51 iPdiff39 07.17   1.5
 Z 20s    49.56um          7.0Msz
CMB   101.48  48 ePdiff39 06.31  -2.0
 Z 19s    56.00um          7.1Msz
          ePPd  43 18.40
          eSKS  49 40.31
          eS    50 51.31
          ePS   52 15.31
          ePKKPc55 09.31
          eSS   58 08.31
          eSSS  01 50.31
          eP'P' 03 23.31
          eSSSS 04 58.31
          eLQ   07 05.31
          eLR   11 36.31
GSC   101.57  52 (Pdiff39 06.57  -2.2
BLF   101.57 210 ePdiff39 15.00   5.9X
ARC   101.60  44 ePdiff39 11.66   3.0X
 Z 19s    44.00um          7.0Msz
          ePPd  43 19.42
          eSP   52 28.42
          ePS   52 31.42
          eSS   58 11.42
          eLQ   06 55.42
          eLR   12 14.42
ORV   101.98  47 ePdiff39 10.36  -0.1
  3.8s   170.00nm          6.1mb X
ORV   101.98  47 Pdiff 39 05.40  -5.0X
WDC   102.17  45 ePdiff39 11.30   0.0
WDC   102.17  45 Pdiff 39 20.00   8.7X
 Z 19s    56.57um          7.1Msz
GBA   102.20 277 Pdiff 39 13.00   1.1
  1.2s     5.50nm          5.1mb X
BOSA  102.30 210 ePdiff39 18.80   6.7X
MIN   102.49  46 ePdiff39 11.22  -1.7
YBH   102.92  44 ePdiff39 14.31  -0.4
TPNV  103.04  51 (Pdiff39 15.56   0.1
BFT   103.09 215 ePdiff39 22.50   6.5X
SLR   103.78 214 ePdiff39 04.00 -14.9X
  0.9s    50.00nm
 Z 20s   114.00um          7.4Msz
          e     43 36.60
HYB   103.89 281 ePdiff39 27.50   8.1X
KSR   104.21 212 ePdiff39 26.00   5.1X
  1.0s   130.00nm          6.7mb
          e     43 31.00
JIRN  105.20 294 PKP   43 38.42  -1.5
PKI   105.66 293 PKP   43 40.32  -0.4
LTX   105.75  65 ePdiff39 30.14   2.6
KKN   105.89 293 PKP   43 34.28  -6.7X
DMN   105.89 293 PKP   43 42.20   1.1
PSO   106.10 104 ePKP  44 00.00  18.0X
GKN   106.46 293 PKP   43 36.92  -5.1X
MSU   106.46  53 (Pdiff39 29.21  -1.5
LON   106.98  41 (PKP) 43 42.50   0.2
KOLN  107.02 292 PKP   43 43.24   0.1
CIT   107.08 327 ePdiff39 33.00   0.1
SVW   107.08  16 ePKP  43 40.79  -1.2
DUG   107.22  51 PKP   43 50.00   7.0X
 Z 20s    44.94um          7.0Msz
DANN  107.28 293 PKP   43 42.68  -1.0
ALQ   107.58  59 ePdiff39 37.02   1.3
  0.9s     4.79nm          5.6mb
 Z 20s    82.17um          7.3Msz
ANMO  107.58  59 ePdiff39 38.08   2.4
PYUN  107.64 292 PKP   43 45.38   1.1
SLKM  107.72  19 (PKP) 43 42.59  -0.6
POO   108.01 279 ePdiff39 40.00   2.2
DAU   108.25  52 (Pdiff39 37.66  -1.1
TTA   108.67  15 ePKP  43 43.30  -1.7
  1.5s    14.80nm
PMR   108.93  19 PKP   43 50.00   4.7X
 Z 20s    23.28um          6.7Msz
PMR   108.93  19 ePKP  43 45.30   0.0
  0.9s    10.10nm
 Z 20s    36.00um          6.9Msz
SIT   109.11  28 PKP   43 50.00   4.2X
 Z 19s    21.65um          6.7Msz
BALM  110.18  22 (Pdiff39 43.58  -3.0X
NEW   110.32  42 (PKP) 43 43.14  -5.4X
 Z 21s    60.58um          7.2Msz
ZAK   110.39 321 ePdiff39 53.00   5.5X
          e     44 22.00
          e     50 27.00
ILT   110.78   4 iPdiff39 52.00   3.2X
  2.6s   460.00nm
 Z 20s    21.00um          6.7Msz
 N 20s    22.00um
 E 20s    17.00um
          i     43 48.00
          i     44 24.00
          e     50 30.00
          ePS   53 54.00
          eSS   59 56.00
LRM   111.12  47 ePdiff40 04.50  13.2X
LRM   111.12  47 ePKP  43 51.20   0.8
TLY   111.12 322 iPdiff39 51.10   0.3
IRK   111.22 323 ePdiff39 51.00  -0.3
 Z 20s    17.92um          6.6Msz
 N 20s    12.19um
 E 20s    12.21um
          e     44 30.50
          e     50 34.00
          e     55 13.00
BDFB  111.25 139 ePdiff39 55.57   3.3X
BAO   111.27 139 ePKP  43 50.90  -0.4
GOL   111.27  55 PKP   44 00.00   9.1X
 Z 20s    72.79um          7.3Msz
BOD   111.27 331 ePKP  43 50.20   0.3
GLD   111.39  55 PKP   44 00.00   9.0X
 Z 20s    66.99um          7.2Msz
IMA   111.94  14 ePKP  43 49.80  -1.3
  1.8s    51.80nm
NDI   111.97 289 ePKP  43 53.00   0.8
COL   112.10  17 ePKP  43 49.71  -1.6
COL   112.10  17 ePdiff39 55.93   1.1
FBA   112.10  17 ePKP  43 48.27  -3.0X
WMOK  112.37  63 ePKP  43 51.86  -0.9
 Z 20s   133.66um          7.5Msz
MEO   112.52  63 iPdiff40 09.30  11.8X
ACO   113.31  61 iPdiff40 20.00  19.0X
OCO   113.70  63 iPKPc 44 08.80  13.5X
MIAR  115.70  66 ePKP  43 56.79  -2.4
 Z 20s    44.56um          7.1Msz
INK   118.24  20 ePKP  44 01.50  -1.4
  0.8s    10.00nm
FVM   119.74  64 ePKP  44 04.42  -2.3
 Z 20s   252.44um          7.8Msz
CAR   119.95 104 iPdiff40 40.00   8.9X
SOB1  120.19 142 ePKP  44 08.80   0.5
          e     44 16.90
SLM   120.22  64 PKP   44 20.00  12.4X
 Z 20s    51.88um          7.2Msz
ITR   121.68 144 ePKP  44 11.90   0.8
          e     44 16.50
          e     45 46.80
FRU   121.75 301 iPKP  44 10.00  -0.5
  2.4s   170.00nm
          e     45 48.00
          e     48 23.00
MYNC  122.43  70 PKP   44 20.00   8.0X
 Z 21s    31.55um          6.9Msz
JFWS  122.45  60 ePKP  44 09.04  -2.7
 Z 20s    40.65um          7.1Msz
PRM   123.13  72 ePKP  44 10.49  -2.8
TCE   123.73 108 ePKP  44 15.50   0.4
TRN   123.94 109 ePKP  44 17.50   2.1
SJG   125.57  98 ePKP  44 17.57  -1.0
CEH   126.36  72 ePKP  44 18.55  -1.0
  1.1s    37.00nm
 Z 20s    29.01um          7.0Msz
MBC   126.61  16 ePKP  44 16.50  -2.3
  1.1s    37.00nm
FDF   126.94 105 ePKP  44 24.35   3.1X
PAG   127.43 104 ePKP  44 20.00  -2.2
MAIO  128.61 287 iPKPc 44 23.40  -0.6
          e     46 20.00
BRVK  128.96 310 ePKP  44 22.00  -2.0
  1.2s   104.00nm
 Z 24s    14.08um          6.6MszX
 N 16s     4.16um
 E 24s    11.02um
YSNY  129.86  65 ePKPc 44 25.86  -0.2
 Z 20s    93.41um          7.5Msz
YSNY  129.86  65 (PKP) 44 21.23  -4.8X
 Z 20s    93.41um          7.5Msz
ASH   130.20 288 ePKP  44 22.00  -4.8X
          e     44 27.00
          e     44 34.00
          i     46 42.00
          i     49 38.00
          e     56 42.00
BINY  131.45  66 iPKPc 44 29.24   0.2
 Z 21s    61.22um          7.3Msz
BINY  131.45  66 (PKP) 44 20.20  -8.9X
 Z 21s    61.22um          7.3Msz
RES   131.79  21 ePKP  44 29.00   0.3
  0.8s     8.00nm
GPD   131.98  69 (PKP) 44 28.28  -1.8
GMTN  132.11  69 ePKP  44 29.80  -0.5
          i     46 56.20
TBR   132.19  69 ePKP  44 30.12  -0.4
KAT   132.22 289 ePKP  44 32.00   1.4
          e     46 54.00
          ePPP  49 51.00
WCC   132.45  69 (PKP) 44 26.43  -4.5X
LSCT  133.10  68 ePKP  44 31.85  -0.4
GAC   133.18  62 ePKP  44 26.00  -6.2X
RSNY  133.37  64 ePKP  44 32.20  -0.4
HRV   134.57  68 ePKP  44 31.65  -3.3X
 Z 20s    24.45um          6.9Msz
LBNH  134.98  66 ePKP  44 34.56  -1.1
 Z 21s    89.17um          7.5Msz
SVE   135.39 313 iPKPc 44 33.80  -2.3
 Z 20s    27.50um          7.0Msz
 N 20s    10.00um
 E 20s    13.50um
          i     44 41.00
          e     47 15.00
          e     51 38.00
          ePS   59 24.00
          eSS   05 42.00
ARU   136.41 312 ePKP  44 36.56  -1.4
KER   136.54 278 ePKPd 44 38.50  -0.7
BAK   137.17 287 iPKP  44 34.00  -5.9X
 Z 22s    38.25um          7.1Msz
 N 24s    56.60um
 E 15s     8.36um
          i     57 42.00
CBM   138.40  63 ePKP  44 41.12  -0.9
 Z 20s    83.00um          7.5Msz
TAB   138.77 282 ePKP  44 33.00 -10.2X
          i     44 41.00
          i     44 47.00
          e     48 14.00
MAK   139.85 290 ePKP  44 38.00  -6.8X
          i     47 42.00
LMN   140.27  66 ePKP  44 39.00  -6.5X
  1.0s    24.00nm
FRB   140.39  37 ePKP  44 40.50  -4.6X
  1.0s    22.00nm
GRO   141.17 290 iPKP- 44 44.00  -3.1X
 Z 26s    14.40um          6.6MszX
 N 20s    16.00um
 E 26s    17.60um
          i     47 48.00
MTA   141.24 287 ePKP  44 44.80  -2.5
  0.8s    50.00nm
 N 19s     5.50um
 E 19s     7.00um
          i     44 54.60
          e     47 46.00
PYA   143.19 290 ePKP  44 47.00  -3.7X
          i     48 01.00
          iPPP  51 18.00
          eSSS  12 02.00
LIC   143.29 186 PKP   44 45.83  -5.9X
  0.6s    59.50nm
 Z 20s    78.33um          7.5Msz
KIC   143.41 186 PKP   44 47.57  -4.3X
```

18d 03h

0.6s 30.00nm
KIV 143.43 290 ePKP 44 51.10 -0.1
KIV 143.43 290 iPKPc 44 47.50 -3.7X
3.4s 784.00nm
Z 23s 17.20um 6.8MszX
e 44 57.40
e 48 03.40
e 51 20.90
e 00 38.00
TIC 143.71 186 PKP 44 48.41 -4.0X
0.9s 128.00nm
SOC 145.39 288 iPKPc+44 53.00 -1.4
Z 22s 10.50um 6.6Msz
N 22s 11.00um
E 20s 2.50um
DAG 145.80 4 iPKPc+44 52.00 -2.1
0.6s 110.00nm
Z 19s 19.44um 6.9Msz
N 20s 14.18um
HLW 145.80 261 ePKP+ 44 55.50 0.0
e 48 19.00
LVZ 146.28 332 iPKPc 44 55.52 0.3
LKO 146.62 185 PKP 44 57.55 0.2
0.9s 704.50nm
LFK 146.89 271 ePKP 44 58.50 1.3
CSS 146.90 270 ePKP 45 00.00 2.8X
ANN 147.40 289 iPKP 44 47.00 -10.6X
1.8s 360.00nm
e 51 40.00
e 01 14.00
KEV 147.67 338 ePKPc 45 00.47 3.2X
MOS 148.06 310 ePKP 44 58.00 -0.3
Z 22s 29.10um 7.0Msz
N 22s 28.80um
e 48 30.00
e 52 00.00
OBN 148.69 309 ePKP 44 59.00 -0.3
1.0s 666.00nm
Z 24s 35.60um 7.1MszX
N 22s 13.00um
E 24s 28.00um
i 45 08.00
e 48 30.00
ePPP 51 52.00
ePPS 01 16.00
iSS 07 36.00
BZK 148.98 283 ePKP 45 04.00 3.8X
SDF 149.24 335 ePKP 45 01.00 1.1
KDS 149.53 173 iPKPd 45 03.30 1.5
SIM 149.62 289 ePKP 45 00.00 -1.1
BCK 149.96 273 ePKP 45 02.50 0.5
ELL 150.18 271 ePKP 45 04.00 1.6
KHL 151.06 274 iPKP 45 05.00 1.4
PUL 151.14 319 iPKPd 45 03.00 0.1
e 45 10.00
e 45 19.00
e 48 50.00
e 52 10.00
e 08 06.00
GPA 151.15 278 iPKP 45 03.50 -0.1
EYL 151.35 278 ePKP 45 07.20 3.2X
HRT 151.78 279 iPKP 45 08.20 3.6X
KAF 152.04 325 ePKP 45 03.00 -1.2
0.8s 205.60nm
KCT 152.56 277 ePKP 45 10.20 4.5X
IZM 152.75 273 ePKP 45 06.50 0.5
EDC 152.95 277 ePKP 45 12.00 5.8X
NUR 153.48 323 ePKP 45 04.80 -1.4
0.8s 96.30nm
MFT 153.50 278 ePKP 45 13.20 6.1X
KIS 153.54 292 iPKPc+45 06.00 -0.7
i 49 01.00
EZN 153.91 275 ePKP 45 07.40 -0.1
MNK 154.06 307 ePKP 45 06.00 -1.2
e 49 04.00
ePPP 52 36.00
ALN 154.44 277 ePKP 45 08.40 0.2
OUR 155.78 275 iPKP 45 10.96 1.0
i 45 37.48
SRS 156.28 276 ePKP 45 11.48 0.8
i 45 39.68
MMB 156.30 278 iPKP 45 13.00 2.2
SOH 156.38 276 ePKP 45 16.52 5.6X
i 45 40.00
AGG 156.58 271 ePKP 45 10.08 -1.1
i 45 41.16
AKU 156.59 10 e(PKP)45 13.10 2.8X

1.1s 35.44nm
Z 20s 40.43um 7.2Msz
THE 156.61 275 iPKP 45 16.64 5.5X
LVV 156.77 298 iPKP 45 12.00 1.0
i 49 24.00
iSS 10 04.00
KNT 156.80 276 ePKP 45 13.20 1.8
i 45 41.96
LIT 156.81 273 ePKP 45 12.88 1.4
i 45 41.88
UPP 156.83 326 iPKP 45 10.20 -0.5
KKB 156.84 278 iPKP 45 13.00 1.6
VTS 156.90 280 iPKP 45 11.00 -0.7
GRG 157.11 276 ePKP 45 13.04 1.2
FNA 157.81 275 iPKP 45 14.36 1.7
UZH 157.99 296 ePKP 45 12.00 -0.5
SKO 158.06 278 iPKP 45 12.00 -0.9
i 45 19.50
i 45 48.00
i 49 25.00
KBN 158.20 274 ePKP 45 15.50 2.3
LSK 158.21 272 ePKP 45 14.70 1.5
IGT 158.22 271 ePKP 45 14.92 1.8
OHR 158.32 275 iPKP 45 11.00 -2.3
0.9s 90.00nm
i 45 43.20
NB2 158.42 334 PKP 45 11.30 -1.4
1.7s 81.00nm
PHP 158.72 276 iPKPc 45 15.40 1.8
TIR 159.06 275 ePKP 45 16.10 2.1
VLO 159.11 273 ePKP 45 16.70 2.7X
BEO 159.21 285 ePKP 45 14.50 0.5
SPC 159.29 297 ePKP 45 18.00 3.8X
epPKP 46 01.80
KONO 159.99 333 iPKPc 45 14.02 -0.4
OKC 160.55 300 ePKP 45 17.60 2.3
e 45 23.10
e 46 04.70
e 49 45.40
BSD 160.62 317 iPKP 45 18.00 2.9X
1.7s 249.00nm
i 46 04.00
i 49 45.00
GRI 160.85 266 PKP 45 16.43 0.4
GMB 161.02 264 PKP 45 19.25 2.9X
TDS 161.19 268 PKP 45 16.25 0.0
ORI 161.23 270 PKP 45 19.22 2.9X
ZST 161.48 295 ePKP 45 15.60 -0.7
ipPKP 46 09.80
iPP 49 43.80
LR 18 00.00
COP 161.51 321 ePKP+ 45 15.00 -1.0
Z 20s 19.15um 5.5Msz
i 46 06.00
e 49 01.00
i 49 48.00
MGR 161.91 269 PKP 45 15.17 -1.8
VKA 161.99 296 ePKP 45 09.00 -7.8X
5.0s 2612.00nm
Z 20s 11.20um
i 46 08.20
iPP 49 47.10
FG4 162.19 272 ePKP 45 17.54 0.3
FAI 162.25 259 PKP 45 20.64 3.3X
ZAG 162.39 288 iPKPc 45 17.90 0.7
PTJ 162.41 288 ePKP 45 19.50 2.1
BRNL 162.65 311 ePKPc 45 17.10 -0.2
BRN 162.74 311 ePKP 45 18.00 0.7
PRU 162.78 302 PKP 45 17.00 -0.5
1.8s 66.10nm
Z 20s 36.60um 6.4Msz
N 21s 8.30um
E 21s 21.90um
e 46 06.00
e 47 12.80
PP 49 53.00
BRG 162.89 305 ePKP 45 16.80 -0.8
2.0s 410.00nm
i 46 08.10
i 46 16.20
VBY 162.91 287 ePKP 45 17.40 -0.4
iPKPab46 09.30
i 46 16.10
CVT 163.05 259 PKP 45 20.43 2.3
DUI 163.09 273 ePKP 45 18.95 0.7
CLL 163.29 307 ePKP 45 17.00 -1.0
1.7s 58.00nm

RFI 163.36 272 ePKP 45 22.62 4.3X
LJU 163.40 289 ePKP 45 17.50 -0.8
e 45 22.00
ePKPab46 11.00
e 46 14.10
e 46 18.50
ePP 50 00.00
KMR 163.47 296 iPKP+ 45 18.30 0.0
i 45 21.90
i 46 17.90
iPP 50 01.40
RIY 163.52 286 ePKP 45 17.10 -1.3
GEC2 163.59 299 PKP 45 18.00 -0.5
GEC2 163.59 299 (PKP) 45 27.50 9.0X
sP'df 45 32.80
PKPab 46 13.70
pP'ab 46 23.70
PP 49 58.30
e 50 09.30
e 50 17.70
sS'df 52 49.10
KHC 163.61 300 PKP 45 18.00 -0.4
1.4s 58.50nm
Z 18s 25.30um
N 18s 7.20um
E 18s 10.40um
e 45 21.20
e 45 38.30
e 46 18.50
e 49 21.00
e 50 00.00
e 52 36.00
TBT 163.79 148 ePKP 45 19.93 0.7
ePKPab46 15.38
VOY 163.85 289 ePKP 45 17.70 -1.2
e 45 20.80
ePKPab46 13.00
e 46 18.50
e 46 21.20
TRI 163.95 287 e(PKP)45 19.00 0.2
e(PKKP46 15.00
e(SKP)49 00.00
e 49 52.00
e(PP) 50 07.40
e(SKS)52 28.00
e(PPP)53 44.00
e(SPP)03 36.00
e(SS) 10 24.00
e 11 16.00
e(SSS)16 52.00
AQU 163.99 275 PKP 45 19.85 0.8
WET 164.05 300 ePKP 45 17.90 -1.0
KBA 164.14 292 iPKPd 45 17.30 -1.9
i 46 14.40
i(PP) 50 11.20
MOX 164.35 306 iPKPc 45 18.00 -1.1
e 46 15.00
ePP 50 00.00
ARV 164.48 279 PKP 45 19.06 -0.4
MNS 164.53 275 PKP 45 19.46 -0.1
FVI 164.58 291 PKP 45 18.70 -0.6
ASS 164.64 278 PKP 45 18.79 -0.8
RSM 164.86 281 PKP 45 20.61 1.0
GRF 164.93 303 ePKP 45 18.10 -1.5
Z 20s 33.80um
e 46 20.00
ePP 50 04.00
GRFO 164.93 303 ePKPc 45 18.94 -0.7
ePKPab46 17.21
CRE 165.20 280 PKP 45 19.45 -0.7
WTTA 165.26 294 iPKPd 45 18.50 -1.7
i 46 14.70
i 46 22.00
iPP 50 07.00
i 50 16.90
WATA 165.29 294 iPKPd 45 18.50 -1.7
i 46 20.80
i 50 12.60
SFI 165.30 281 PKP 45 20.45 0.4
FUR 165.32 298 ePKP 45 19.50 -0.5
Z 21s 33.00um
ePP 50 08.90
CTI 165.41 289 PKP 45 19.61 -0.6
SQTA 165.56 294 iPKPd 45 18.40 -1.9
1.6s 116.00nm
i 46 17.40
i 46 27.30

i 50 13.10
MOTA 165.60 294 iPKPd 45 18.40 -2.0
i 46 21.40
PDA 165.81 106 iPKPc 45 24.80 4.2X
WIT 165.94 320 e(PKP)45 27.00 6.8X
e 46 26.00
ePP 50 17.00
CGL 166.23 261 PKP 45 21.53 0.4
WTS 166.36 317 ePKP 45 21.00 0.4
1.8s 166.70nm
e 46 25.00
ePP 50 18.00
OSS 166.36 292 ePKPd 45 21.00 -0.1
TNS 166.38 308 ePKPc 45 20.20 -0.6
ePKPab46 23.20
i 46 30.50
iPPc 50 15.90
DBN 167.10 320 ePKP+ 45 20.00 -1.2
Z 20s 25.00um
e 46 24.00
ePP 50 18.00
ePP 52 32.00
e(PcSP57 25.00
e(SKKK00 40.00
HOFF 167.18 303 PKP 45 20.89 -0.5
ESK 167.19 347 ePKPc 45 20.77 -0.4
ePKPab46 25.33
SLE 167.23 298 ePKPd 45 24.00 2.5
PGF 167.24 274 ePKP 45 21.40 -0.4
2.0s 167.95nm
SRBF 167.26 303 PKP 45 20.39 -1.0
LANF 167.27 304 PKP 45 19.89 -1.6
TMA 167.32 290 iPKPc 45 20.70 -1.1
ZLA 167.37 297 ePKPc 45 22.30 0.6
FEL 167.51 299 PKP 45 19.57 -2.3
ENN 167.52 314 ePKP 45 24.00 2.5
1.0s 21.00nm
e 46 34.00
ePP 50 05.00
APL 167.60 294 ePKPc 45 21.50 -0.4
PCP 167.68 283 PKP 45 20.25 -1.7
WLS 167.75 302 PKP 45 19.74 -2.2
CDF 167.80 302 ePKP 45 25.62 3.6X
CDF 167.80 302 ePKP 45 21.00 -1.0
2.1s 98.05nm
FIN 167.93 282 PKP 45 18.88 -3.2X
ECH 167.94 301 PKP 45 20.20 -1.8
BBS 167.95 297 PKP 45 20.20 -1.9
MMK 167.95 290 iPKPc 45 22.30 -0.1
TIO 167.95 184 iPKP 45 24.50 1.8
i 46 36.50
WLF 167.95 309 iPKPc 45 21.88 0.0
1.7s 17.70nm
MOF 168.08 300 PKP 45 19.89 -2.3
ROB 168.17 282 PKP 45 22.26 -0.1
BSF 168.30 300 ePKP 45 26.34 4.0X
BSF 168.30 300 ePKP 45 21.50 -0.9
1.7s 114.70nm
UCC 168.31 316 PKP 45 22.00 -0.1
e 46 36.00
DIX 168.33 291 ePKPd 45 23.10 0.5
SAOF 168.40 280 PKP 45 21.04 -1.4
LOMF 168.43 297 PKP 45 20.56 -1.8
SBF 168.49 280 ePKP 45 22.30 -0.2
1.5s 120.65nm
AUTN 168.49 281 PKP 45 22.21 -0.5
ENR 168.50 282 PKP 45 22.08 -0.5
SNF 168.52 315 iPKPc 45 22.06 -0.1
HAU 168.53 301 ePKP 45 21.70 -0.7
2.0s 156.25nm
Z 23s 40.00um
REVF 168.53 279 PKP 45 22.36 -0.2
RSP 168.56 286 PKP 45 22.95 0.4
AURF 168.56 280 PKP 45 22.04 -0.6
STV 168.56 282 PKP 45 22.49 -0.1
BHB 168.58 285 PKP 45 23.04 0.6
DOU 168.60 313 PKP 45 23.50 1.2
Z 22s 33.30um 6.3Msz
e 46 36.00
e 48 15.00
PP 50 11.00
PPP 54 34.00
LSD 168.60 288 PKP 45 22.17 -0.6
DOI 168.61 283 PKP 45 23.79 1.2
TOUF 168.62 281 PKP 45 22.21 -0.6
EMS 168.66 291 ePKPd 45 26.20 3.5X
PZZ 168.72 283 PKP 45 23.27 0.5

LPG 168.88 288 ePKP 45 23.10 0.1
1.7s 116.90nm
CALN 168.88 279 PKP 45 21.86 -1.0
LPL 168.89 288 ePKP 45 22.60 -0.3
1.2s 51.45nm
RRL 168.92 285 PKP 45 22.90 -0.1
SURF 168.92 283 PKP 45 22.00 -0.9
RSL 168.94 289 PKP 45 22.41 -0.5
BNI 168.98 286 PKP 45 23.27 0.4
LMR 169.14 277 ePKP 45 22.50 -0.3
1.4s 47.05nm
LRG 169.25 278 ePKP 45 22.90 0.0
1.4s 70.60nm
GRN 169.61 287 PKP 45 23.21 0.0
CDR 169.69 279 ePKPd 45 39.60 16.4X
e 46 37.10
ePP 50 31.30
IFR 170.24 196 iPKP 45 29.00 5.0X
i 45 30.50
i 46 41.00
AVE 170.32 185 iPKP 45 23.50 -0.3
i 46 45.00
LOR 170.36 301 ePKP 45 23.30 -0.1
1.9s 163.05nm
Z 21s 47.00um
LBF 170.39 299 ePKP 45 23.30 -0.2
1.4s 127.20nm
SSB 170.45 288 PKP 45 23.76 0.2
SMF 170.59 297 ePKP 45 23.30 -0.3
1.6s 84.60nm
SSF 170.66 300 ePKP 45 23.40 -0.2
1.6s 162.95nm
AVF 170.86 299 ePKP 45 23.50 -0.2
1.6s 103.25nm
PLDF 170.93 293 PKP 45 23.93 0.1
HYF 171.12 303 ePKP 45 24.00 0.2
AGO 171.24 295 PKP 45 24.04 0.1
BGF 171.27 298 ePKP 45 23.70 -0.2
1.5s 201.60nm
LBL 171.36 289 PKP 45 24.78 0.7
PYM 171.40 293 PKP 45 24.17 0.1
MAF 171.56 296 ePKP 45 23.90 -0.1
1.9s 145.95nm
ETER 171.72 269 ePKP 45 27.48 3.3X
TCF 171.77 297 ePKP 45 24.50 0.4
1.4s 105.45nm
LDF 171.96 317 ePKP 45 24.00 -0.1
1.5s 188.55nm
FLN 172.02 319 ePKP 45 23.90 -0.2
1.5s 201.60nm
Z 22s 45.00um 5.1Msz
LSF 172.23 298 ePKP 45 24.50 0.2
2.0s 265.90nm
CAF 172.24 288 ePKP 45 25.20 0.9
1.7s 113.20nm
ENIJ 172.39 220 ePKP 45 25.71 1.1
GRR 172.46 319 ePKP 45 24.10 -0.1
1.5s 191.70nm
RJF 172.53 292 ePKP 45 25.00 0.6
1.9s 167.10nm
Z 21s 43.00um 5.2Msz
LPF 172.79 317 ePKP 45 24.40 0.0
1.6s 221.40nm
PLAT 172.88 197 ePKP 45 27.00 2.1
LPO 172.90 287 ePKP 45 25.60 1.0
1.9s 240.55nm
MOMI 173.07 198 ePKP 45 30.00 5.1X
ERON 173.12 212 ePKP 45 25.54 0.5
MFF 173.13 305 ePKP 45 24.70 0.1
1.6s 216.40nm
EJIF 173.13 200 ePKP 45 30.63 5.7X
LFF 173.15 290 ePKP 45 25.40 0.8
1.9s 248.60nm
CNIL 173.18 196 ePKP 45 30.00 5.1X
EHUE 173.24 222 ePKP 45 27.90 2.8X
ECOG 173.24 214 ePKP 45 24.60 -0.5
SFS 173.30 195 PKP 45 30.00 5.1X
PP 51 00.00
SKKS 57 52.50
SS 12 20.00
ELOJ 173.36 210 ePKP 45 29.00 3.9X
ALJ 173.37 199 ePKP 45 34.00 8.8X
ECHE 173.50 241 ePKP 45 27.73 2.7X
EPRU 173.55 203 ePKP 45 30.12 5.0X
GIBL 173.60 197 ePKP 45 32.00 6.9X
EPF 173.63 274 ePKP 45 25.80 0.8
1.9s 259.70nm

ELUQ 173.77 211 ePKP 45 28.71 3.5X
EVIA 173.81 228 ePKP 45 27.42 2.1
EGRA 174.02 265 ePKP 45 26.44 1.4
EBAN 174.08 217 ePKP 45 26.43 1.2
EHOR 174.35 206 ePKP 45 26.45 1.1
ETOR 174.84 248 ePKP 45 26.27 0.7
ELIZ 175.00 275 ePKP 45 28.17 2.8X
PAB 175.45 223 ePKPc 45 27.43 1.7
ePKPab47 04.82
MOE 175.56 180 ePKP 45 27.80 2.2
LIS 175.71 172 ePKP 45 28.00 2.4
GUD 176.10 235 ePKP 45 27.95 2.1
EPLA 176.64 211 ePKP 45 27.71 1.9
COI 177.24 179 PKP 45 28.00 2.1
i 47 12.00
MTE 177.37 194 ePKP 45 27.80 1.8
MVO 177.95 209 ePKP 45 27.80 1.8
PTO 178.17 174 ePKP 45 26.80 0.9
e 47 19.40
ePP 51 14.40
eSS 13 06.00
ERUA 178.95 238 ePKP 45 27.29 1.3
EMON 179.12 303 ePKP 45 27.94 1.9
STS 179.83 117 ePKP 45 27.89 1.9
0.7s 0.01nm
S.D. = 1.3 on 339 of 457 obs.

% JUN 18, 1994 04h 59m 57.97± 1.65s
44.863 N ± 4.6km 6.643 E ±13.5km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.5 (GEN).

RRL 0.12 60 P 00 01.53 0.4
S 00 03.40
FOUF 0.35 163 iPgc 00 05.47 0.3
eSg 00 10.63
BHB 0.44 93 P 00 07.25 0.3
S 00 13.22
PZZ 0.48 137 P 00 07.93 0.1
S 00 14.71
RSP 0.52 56 P 00 08.58 0.0
S 00 15.56
LSD 0.70 31 P 00 11.67 -0.2
S 00 20.98
STV 0.79 142 P 00 13.28 -0.1
S 00 23.58
ENR 0.85 139 P 00 14.19 -0.2
S 00 25.46
FIN 1.30 120 P 00 21.29 -0.7
S 00 36.28
PCP 1.39 103 P 00 23.58 0.1
S 00 40.46
S.D. = 0.4 on 10 of 10 obs.

% JUN 18, 1994 06h 11m 11.52± 3.91s
32.695 S ±22.1km 71.647 W ±19.9km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.7 (SAN).

ROCH 0.60 117 iPd 11 24.43 0.6
iS 11 33.51
LCCH 0.78 175 iP 11 26.69 0.0
iS 11 38.73
JACH 0.89 89 iP+ 11 28.38 -0.3
iS 11 41.14
PEL 0.92 119 iP+ 11 29.53 0.3
iS 11 42.68
SAN 1.12 133 iP+ 11 32.45 -0.1
iS 11 48.20
LNV 1.27 171 iP+ 11 34.74 -0.4
iS 11 52.30
FCH 1.30 119 iP+ 11 35.33 -0.5
iS 11 53.09
PCH 1.33 134 iP 11 35.68 -0.4
iS 11 54.03
CHCH 1.49 146 iP 11 38.31 -0.1
iS 11 59.02
CACH 1.67 149 iP+ 11 41.83 0.8
iS 12 05.75
S.D. = 0.5 on 10 of 10 obs.

& JUN 18, 1994 07h 01m 07.29s
47.621 N 121.270 W
DEPTH = 0.1km
3.9mb (3 obs.)

18d 07h

WASHINGTON (29)
<SEA-P>. MD 4.3 (SEA). ML 4.2 (GS), 4.0 (PGC). Felt (V) at Baring, Easton, Monroe, Startup and Sultan. Also felt at Goldbar and North Bend.

HTW	0.38	299	Pd	01 14.56	-0.4
RMW	0.40	246	Pc	01 14.99	-0.2
GSM	0.55	221	Pc	01 17.70	-0.6
TWW	0.56	150	Pd	01 18.31	-0.1
BLH	0.56	293	Pd	01 18.03	-0.4
ETW	0.64	91	Pc	01 19.30	-0.7
TBM	0.64	134	Pd	01 19.67	-0.4
SPW	0.66	265	Pc	01 20.65	0.1
JCW	0.72	322	Pd	01 20.55	-1.2
FMW	0.74	202	Pd	01 21.02	-1.1
NLW	0.78	54	Pc	01 21.96	-0.8
RCS	0.81	203	Pd	01 22.51	-1.0
RVC	0.83	215	P	01 22.76	-1.1
RPW	0.84	349	Pd	01 22.73	-1.4
CBSW	0.85	77	Pc	01 23.11	-1.2
EBG	0.86	146	Pd	01 23.62	-0.8
REMR	0.89	206	P	01 23.72	-1.4
WTV	0.89	85	Pc	01 24.01	-1.1
GHW	0.89	230	Pc	01 23.55	-1.6
PGW	0.92	283	P	01 24.51	-1.1
NAC	0.94	161	Pd	01 25.10	-0.9
WPW	0.94	192	Pd	01 24.41	-1.7
LON	0.95	203	Pd	01 24.55	-1.6
CMW	0.98	325	Pc	01 25.57	-1.4
MEW	1.02	246	Pc	01 26.75	-0.8
			S	01 40.62	
GMW	1.03	266	Pc	01 26.22	-1.5
DHW2	1.07	70	P	01 27.10	-1.4
GLK	1.08	192	Pd	01 27.08	-1.6
OHW	1.10	310	Pd	01 27.22	-1.6
			S	01 41.75	
EPH	1.17	103	Pd	01 28.89	-1.1
LMW	1.18	217	Pc	01 28.78	-1.5
BLN	1.21	289	Pd	01 28.74	-2.0
YAKW	1.21	155	Pd	01 29.94	-0.8
MBW	1.24	340	Pd	01 29.63	-1.7
MXC	1.24	147	Pd	01 30.27	-1.0
BVW	1.25	130	P	01 30.35	-1.0
SAW	1.27	86	Pc	01 30.56	-1.2
CPW	1.43	244	Pc	01 32.73	-1.7
TDL	1.43	207	P	01 32.60	-1.9
BRVW	1.43	142	Pd	01 33.41	-1.2
MDW	1.44	134	Pd	01 33.60	-1.0
WAH2	1.45	126	P	01 33.79	-1.0
CZM	1.46	216	P	01 33.76	-1.1
ASR	1.49	189	P	01 34.11	-1.3
MCW	1.49	316	Pd	01 33.76	-1.6
SOSW	1.51	204	P	01 34.09	-1.6
CRF	1.51	121	P	01 34.57	-1.1
STD	1.53	206	Pd	01 34.49	-1.6
LOCW	1.55	125	Pd	01 35.22	-0.9
ESD	1.55	203	P	01 35.30	-1.0
REMW	1.55	204	P	01 35.28	-1.2
SHW	1.58	205	P	01 35.39	-1.3
HSR	1.58	204	P	01 35.61	-1.2
WRD	1.59	113	P	01 35.21	-1.5
JLK	1.59	203	Pd	01 35.72	-1.2
CDFW	1.60	200	Pd	01 35.74	-1.2
GBL	1.61	129	P	01 35.90	-1.1
OSD	1.65	278	P	01 36.72	-1.2
OT2	1.65	122	P	01 37.08	-0.6
MJ2	1.68	129	P	01 36.85	-1.2
RSW	1.68	136	Pd	01 37.11	-1.1
GL2	1.69	169	Pd	01 37.58	-0.7
STW	1.70	289	P	01 36.38	-2.0
GULW	1.71	188	Pd	01 38.52	-0.1
MTMW	1.72	202	Pd	01 37.89	-0.9
LVP	1.74	207	P	01 38.01	-1.0
OD2	1.75	97	Pc	01 37.27	-1.8
BMW	1.76	230	P	01 38.04	-1.3
PRW	1.78	142	Pd	01 38.49	-1.0
RVW	1.79	215	Pd	01 38.48	-1.1
WIW	1.80	131	P	01 38.77	-1.1
OSR	1.83	267	Pc	01 42.01	1.8
			S	02 06.13	
ONR	1.86	247	P	01 40.33	-0.3
HNB	1.87	333	eP	01 40.10	-0.7
			eS	02 04.18	
ET3	1.91	122	P	01 39.83	-1.5
APM	1.91	189	Pd	01 41.31	-0.1
OOW	1.98	274	P	01 43.94	1.5
PATW	2.03	149	P	01 41.90	-1.2
DPW	2.08	82	Pc	01 42.05	-2.0
OTR	2.12	284	P	01 46.43	1.9
VGB	2.13	171	Pd	01 43.81	-0.9
NLO	2.14	225	P	01 44.60	-0.2
VLMM	2.15	195	P	01 44.80	-0.2
VLL	2.18	188	P	01 45.03	-0.4
BIB	2.24	324	eP	01 45.10	-1.1
WPO	2.30	208	P	01 47.08	0.0
PGO	2.30	201	P	01 47.58	0.5
VFP	2.31	183	Pd	01 46.76	-0.6
PFB	2.33	295	eP	01 45.93	-1.6
TDH	2.36	189	P	01 47.59	-0.5
JBO	2.38	155	Pd	01 46.48	-1.7
WPB	2.41	328	eP	01 47.63	-1.0
NAB	2.43	312	eP	01 47.88	-1.0
VTHM	2.49	168	P	01 48.37	-1.4
GT2	2.56	196	Pd	01 50.53	-0.3
VBEM	2.57	185	Pd	01 50.86	-0.2
SHB	2.63	320	eP	01 50.58	-1.2
CROR	2.65	176	Pd	01 51.26	-0.8
MGB	2.67	302	eP	01 51.48	-0.9
LNOR	2.70	129	P	01 51.15	-1.6
TKO	2.71	215	P	01 53.86	0.9
NEW	2.86	75	P	01 52.40	-2.7
SSOR	2.89	197	Pd	01 55.26	-0.3
BPO	2.98	186	Pd	01 56.63	-0.4
VIPM	3.15	171	P	01 57.66	-1.6
GMO	3.19	176	P	01 58.89	-1.0
FBO	3.43	196	P	02 03.32	0.0
MPOR	3.50	208	P	02 04.25	0.1
TCO	3.52	184	P	02 04.41	-0.2
HBO	3.85	191	P	02 09.26	0.0
NCOR	3.92	179	P	02 09.99	-0.3
RNO	4.09	206	P	02 11.90	-0.6
SLEB	4.10	29	ePn	02 11.00	-1.8
			Lg	03 15.00	
HSO	4.29	198	P	02 15.14	-0.3
DBO	4.71	198	P	02 21.81	0.4
BBOR	4.84	192	P	02 22.89	-0.4
			S	03 18.38	
MNB	4.95	21	ePn	02 22.90	-2.0
			Lg	03 42.60	
WALA	5.11	71	Pnc	02 24.40	-2.7
			eLg	03 47.00	
VRC	5.33	188	P	02 30.72	0.7
LAB	5.38	186	P	02 31.69	0.7
HAMO	5.57	185	P	02 35.50	1.7
BUT	6.19	102	ePn	02 44.60	2.3
			eSn	03 47.70	
HBMT	6.23	104	ePn	02 40.60	-2.4
LBFM	6.29	184	P	02 44.80	1.0
LRM	6.32	103	ePn	02 40.60	-3.7
MCMT	6.48	112	iPnd	02 43.39	-3.1
HRY	6.50	95	ePn	02 43.40	-3.3
LCCM	6.70	102	ePn	02 45.37	-4.1
BGMT	6.81	107	ePn	02 47.56	-3.6
SXM	7.05	98	ePn	02 51.20	-3.3
LMEM	7.08	182	P	02 57.00	2.0
ORV	8.06	181	P	03 10.20	1.7
HMR	9.47	183	P	03 27.90	-0.1
BW06	9.58	116	P	03 30.50	0.8
	1.6s	11.60nm			5.1mb X
DUG	9.60	138	P	03 29.30	-0.6
ARN	10.27	181	P	03 40.90	1.9
MSU	11.27	141	P	03 53.90	1.1
SRU	11.54	134	P	03 57.20	0.6
YKA	15.37	12	eP	04 44.50	-2.4
	0.8s	1.80nm			3.5mb
WMOK	21.17	119	P	05 56.80	0.4
	0.8s	5.35nm			3.9mb
MIAR	24.47	112	P	06 28.30	-0.6
	0.7s	2.41nm			4.0mb

141 obs. associated

& JUN 18, 1994 07h 22m 43.68s
61.597 N 146.725 W
DEPTH = 15.0km

SOUTHERN ALASKA (2)
<AEIC>. ML 3.8 (AEIC), 3.8 (PMR). Felt (II) at Anchorage.

KLU	0.40	105	iPc	22 51.86	-0.1
			eS	22 58.31	
VLZ	0.50	158	iPd	22 52.99	-0.7
TOA	0.57	27	P	22 54.60	-0.3
TZL	0.76	53	iPc	22 57.35	-0.8
SML	0.80	286	iPd	22 57.57	-1.1
			eS	23 09.04	
KNK	0.85	258	eP	22 59.09	-0.5
			eS	23 10.95	
GHO	1.06	280	eP	23 01.73	-1.6
SDG	1.09	30	iPd	23 01.82	-1.8
			eS	23 15.71	
PLRM	1.15	271	ePd	23 03.39	-1.3
PMR	1.15	271	eP	23 03.05	-1.7
CVA	1.16	155	eP	23 03.24	-1.6
			eS	23 19.77	
HIN	1.21	175	eP	23 04.69	-1.1
PTE	1.33	238	ePd	23 06.46	-1.2
			eS	23 24.09	
GLB	1.41	95	ePc	23 06.13	-2.6
			eS	23 24.71	
PMS	1.41	257	P	23 07.80	-1.0
PAX	1.50	23	ePd	23 07.77	-2.3
			eS	23 26.71	
PWA	1.51	273	P	23 09.10	-1.0
DHY	1.52	349	eP	23 08.26	-2.1
			eS	23 27.32	
MPA	1.70	230	eP	23 11.38	-1.5
			eS	23 33.50	
CUT	1.86	297	eP	23 14.24	-0.9
THY	1.88	13	eP	23 14.66	-0.9
SUA	1.93	268	ePc	23 14.93	-1.4
HUR	1.94	317	eP	23 15.51	-0.9
			eS	23 39.99	
SEW	2.01	223	eP	23 15.64	-1.7
SLKM	2.02	239	eP	23 16.17	-1.4
RND	2.07	332	ePd	23 17.28	-1.0
MID	2.19	175	P	23 18.40	-1.5
BALM	2.19	103	eP	23 17.64	-2.4
DDM	2.23	10	eP	23 20.61	-0.1
SKT	2.31	282	eP	23 20.42	-1.4
NKA	2.35	251	eP	23 22.54	0.3
MCK	2.37	336	eP	23 21.96	-0.7
DOT	2.40	30	eP	23 21.24	-1.8
TMW	2.45	43	eP	23 21.90	-1.8
TRF	2.49	320	eP	23 23.11	-1.3
SPU	2.60	263	eP	23 23.78	-2.1
CKN	2.65	264	eP	23 25.23	-1.4
CKT	2.67	264	eP	23 24.92	-2.0
CP2	2.67	265	eP	23 24.60	-2.5
BKG	2.72	261	ePc	23 25.50	-2.2
NNL	2.73	237	eP	23 26.74	-1.0
BGL	2.74	265	eP	23 26.19	-1.8
BRLK	2.75	230	eP	23 26.19	-1.8
			eS	23 59.03	
KTH	2.76	317	eP	23 27.32	-0.9
HDA	2.82	358	eP	23 26.85	-2.1
WRH	2.95	348	eP	23 28.84	-1.9
CNPM	3.05	229	eP	23 30.06	-2.1
			eS	24 05.73	
DFR	3.07	253	eP	23 30.15	-2.3
CCB	3.10	351	ePd	23 30.40	-2.5
HOM	3.11	233	eP	23 31.39	-1.6
REF	3.11	252	eP	23 30.96	-2.3
RSO	3.15	251	eP	23 31.52	-2.2
CHX	3.15	117	eP	23 32.35	-1.3
RS2	3.15	251	eP	23 31.66	-2.1
RED	3.17	251	eP	23 31.57	-2.5
NEA	3.18	341	eP	23 31.47	-2.5
XLV	3.27	231	eP	23 33.02	-2.4
FBA	3.35	352	ePd	23 33.43	-3.0
GLM	3.42	355	eP	23 34.48	-3.0
MDM	3.44	349	eP	23 35.08	-2.7
OPT	3.75	242	eP	23 40.41	-1.8
MLY	3.89	334	eP	23 41.55	-2.7
AUL	3.99	239	eP	23 43.61	-2.0
AUP	4.00	239	(P)	23 41.00	-4.7
PDB	4.09	247	eP	23 43.58	-3.4
SYI	4.13	226	eP	23 45.29	-2.1
SVW	4.31	267	eP	23 46.08	-4.1
CDD	4.36	235	eP	23 48.88	-2.0
TTA	4.54	291	P	23 49.80	-3.7
KDC	4.84	220	eP	23 53.17	-4.4
FYU	5.03	7	eP	23 57.75	-2.5
IMA	5.44	329	eP	24 01.57	-4.7
SIT	7.39	123	(P)	24 27.79	-5.7
INK	8.74	34	eP	24 47.50	-4.8
	0.5s	2.00nm			4.7mb X
MBC	17.37	22	eP	26 43.00	-3.6

75 obs. associated

% JUN 18, 1994 07h 40m 12.98± 1.02s
39.124 N ± 8.5km 27.508 E ±16.9km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.75 195 ePg 40 28.00 -0.1
eSg 40 39.80
DST 0.99 61 iPn 40 32.10 -0.2
EDC 1.25 13 ePn 40 37.00 0.3
BNT 1.27 14 ePn 40 36.30 -0.7
KCT 1.30 30 ePn 40 38.10 0.6
S.D. = 0.7 on 5 of 5 obs.

% JUN 18, 1994 07h 49m 46.81± 0.99s
39.159 N ± 7.9km 27.491 E ±15.9km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.78 193 ePg 50 02.50 0.0
eSg 50 14.00
DST 0.99 63 iPn 50 06.00 0.0
EDC 1.22 13 ePn 50 10.00 0.0
BNT 1.24 15 ePn 50 10.20 -0.1
KCT 1.28 31 ePn 50 11.10 0.1
S.D. = 0.1 on 5 of 5 obs.

% JUN 18, 1994 07h 53m 24.93± 1.51s
39.811 N ±11.0km 28.082 E ±10.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

DST 0.47 116 iPg 53 34.40 -0.1
iSg 53 41.40
KCT 0.49 26 ePg 53 35.10 0.3
BNT 0.56 347 ePg 53 35.30 -1.0
EDC 0.56 343 iPg 53 36.00 -0.3
MFT 1.15 328 ePn 53 47.20 0.7
YLV 1.24 52 ePn 53 48.00 -0.1
CTT 1.36 11 ePn 53 50.40 0.5
S.D. = 0.7 on 7 of 7 obs.

? JUN 18, 1994 08h 15m 10.55± 1.22s
39.184 N ± 9.6km 27.454 E ±18.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.80 191 ePg 15 26.10 0.0
eSg 15 38.10
DST 1.00 65 ePn 15 29.60 0.0
EDC 1.20 15 ePn 15 33.00 0.0
KCT 1.27 33 ePn 15 34.10 -0.1
S.D. = 0.1 on 4 of 4 obs.

& JUN 18, 1994 08h 26m 38.99s
34.275 N 116.413 W
DEPTH = 8.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS), 2.8 (GS).

PEC 0.73 239 ePd 26 52.46 -1.1
eS 27 01.17
CSP 0.78 272 eP 26 53.09 -1.4
eS 27 03.62
PLM 0.99 202 ePd 26 57.30 -0.8
SSK 1.06 267 eP 26 58.53 -0.8
GSC 1.07 343 eP 26 58.75 -0.7
ISA 2.19 310 eP 27 14.86 -1.3
ABL 2.39 285 (P) 27 18.53 -0.7
TPNV 2.67 3 eP 27 22.20 -1.0
BCH 3.16 288 (P) 27 28.94 -1.0
MSU 5.44 38 ePg 28 17.53 15.0
10 obs. associated

? JUN 18, 1994 08h 27m 38.25± 1.05s
39.282 N ±14.3km 27.654 E ±40.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.93 199 ePg 27 56.10 0.0
eSg 28 11.10
EDC 1.08 9 ePn 27 59.00 0.5
BNT 1.09 11 ePn 27 58.20 -0.6
KCT 1.11 29 ePn 27 59.10 0.1
S.D. = 0.8 on 4 of 4 obs.

? JUN 18, 1994 08h 46m 34.94± 1.15s
39.136 N ± 9.8km 27.489 E ±18.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.76 194 ePg 46 49.80 0.0
eSg 47 01.70
DST 1.00 62 ePn 46 53.90 0.0
EDC 1.24 13 ePn 46 58.00 0.0
KCT 1.30 31 ePn 46 59.00 0.0
S.D. = 0.0 on 4 of 4 obs.

& JUN 18, 1994 09h 05m 50.00s
47.500 N 121.850 W
DEPTH = 17.8km
WASHINGTON (29)
<SEA-P>. ML 2.5 (SEA), 2.4 (GS).
Felt.

RMW 0.05 143 iPc 05 53.55 0.1
GMW 0.64 275 eP 06 01.06 -1.2
eS 06 10.64
LON 0.75 178 iPd 06 03.54 -0.8
eS 06 13.26
SHW 1.33 192 eP 06 13.15 -0.7
MCW 1.35 331 eP 06 12.98 -1.0
eS 06 30.45
BMW 1.39 223 eP 06 13.88 -0.8
eS 06 32.61
VGB 2.12 159 (P) 06 25.15 0.0
DPW 2.49 80 eP 06 29.68 -0.8
NEW 3.27 75 eP 06 42.09 0.6
9 obs. associated

? JUN 18, 1994 09h 46m 58.70± 4.12s
33.993 S ±24.6km 71.945 W ±28.9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.5 (SAN).

LNV 0.45 85 iP+ 47 07.76 -0.7
iS 47 16.78
LCCH 0.60 31 iP+ 47 09.26 -1.5
iS 47 19.90
CHCH 1.08 87 iP+ 47 17.41 -0.1
CACH 1.12 97 iP+ 47 18.70 0.4
SAN 1.20 64 iP+ 47 19.05 -0.2
PCH 1.25 73 iP+ 47 19.77 -0.2
iS 47 38.96
ROCH 1.28 38 iPd 47 19.94 -0.7
iS 47 39.73
PEL 1.35 51 iP+ 47 21.62 0.2
iS 47 41.99
JACH 1.73 41 iPd 47 26.90 -0.1
iS 47 51.78
ZON 3.68 49 eP 47 57.30 2.6
eS 48 49.30
MOCB 13.86 25 P 50 15.30 -0.3
LPB 17.73 12 P 51 07.00 1.9
LPAZ 17.96 12 P 51 06.70 -1.5
S.D. = 1.3 on 13 of 13 obs.

? JUN 18, 1994 10h 06m 41.07± 7.83s
34.072 S ±33.6km 72.159 W ±50.5km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.2 (SAN).

LNV 0.63 80 iP+ 06 54.32 0.6
iS 07 02.13
LCCH 0.77 40 iP 06 55.91 -0.2
iS 07 04.93
CHCH 1.26 84 iP 07 03.98 -0.5
CACH 1.29 92 iP 07 05.33 0.2
iS 07 23.20
PCH 1.44 72 iP+ 07 06.90 -0.4
iS 07 24.65
ROCH 1.46 41 iP 07 07.35 -0.3
iS 07 26.19
PEL 1.54 53 iP 07 08.63 0.0
iS 07 28.26
FCH 1.73 65 eP 07 11.54 -0.1
iS 07 33.18
JACH 1.91 44 iP 07 14.77 0.7
iS 07 38.31
S.D. = 0.5 on 9 of 9 obs.

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* JUN 18, 1994 10h 06m 59.18± 1.11s
5.038 S ± 8.4km 152.294 E ±14.0km
DEPTH = 74.3 ± 10.1 km
4.7mb (9 obs.)
NEW BRITAIN REGION, P.N.G. (192)

RAB 0.85 351 iPd 07 15.50 -0.8
KVG 2.85 329 iPd 07 44.90 1.7
PMG 6.69 229 eP 08 36.00 -0.9
eS 09 50.00
DZM 21.78 142 iPc 11 47.70 1.1
WRA 22.91 228 P 11 57.50 -0.1
0.7s 2.70nm 3.8mb
ASPA 25.64 222 P 12 24.10 0.4
SDN 71.64 26 e(P) 18 12.70 -1.8
1.1s 41.00nm 5.3mb
KDC 76.64 27 eP 18 43.10 -0.2
0.3s 5.60nm 5.0mb
SVW 77.23 23 eP 18 47.40 0.8
0.8s 13.13nm 4.9mb
TTA 78.17 22 eP 18 51.83 0.0
0.8s 3.12nm 4.3mb
SLKM 79.10 25 eP 18 56.55 -0.3
PMR 80.11 24 eP 19 01.50 -0.7
0.7s 6.90nm 4.7mb
IMA 80.85 20 eP 19 06.30 0.1
0.4s 2.20nm 4.4mb
KLU 81.41 25 eP 19 09.42 0.3
TOA 81.58 25 eP 19 11.00 0.9
0.6s 20.90nm 5.2mb
FBA 82.29 22 ePd 19 12.57 -1.0
0.7s 2.25nm 4.2mb
e 19 27.71
BALM 82.76 26 ePd 19 16.33 0.1
INK 88.86 21 eP 19 46.00 0.0
MBC 94.46 14 eP 20 12.50 0.7
S.D. = 0.9 on 19 of 19 obs.

? JUN 18, 1994 10h 34m 57.76± 4.16s
34.106 S ±23.5km 72.294 W ±28.3km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.7 (SAN).

LNV 0.75 79 iP+ 35 11.06 -0.8
iS 35 18.93
LCCH 0.87 44 iP+ 35 12.64 -1.0
iS 35 22.46
CHCH 1.37 83 iP+ 35 20.69 -0.2
iS 35 37.05
CACH 1.41 91 iP+ 35 21.99 0.6
iS 35 39.31
SAN 1.51 65 iP+ 35 23.33 0.6
PCH 1.56 72 iP+ 35 23.13 -0.4
iS 35 42.19
ROCH 1.56 44 iP 35 23.35 -0.3
iS 35 42.96
PEL 1.65 55 iP+ 35 25.50 0.6
iS 35 45.06
FCH 1.84 66 iP 35 27.85 -0.1
iS 35 50.70
JACH 2.01 46 iP 35 31.15 1.0
iS 35 55.35
LPB 17.90 13 P 39 06.30 0.0
LPAZ 18.13 13 Pc 39 06.30 -3.1X
SIV 20.68 32 P 39 46.30 8.8X
S.D. = 0.7 on 11 of 13 obs.

? JUN 18, 1994 11h 01m 27.82± 5.53s
34.084 S ±22.5km 72.235 W ±37.7km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.5 (SAN).

LNV 0.70 80 iP+ 01 42.15 0.6
iS 01 49.92
LCCH 0.82 43 iP 01 43.63 -0.1
iS 01 53.65
CHCH 1.32 84 iP+ 01 51.68 -0.6
iS 02 08.65
CACH 1.36 92 iP+ 01 53.08 0.2
iS 02 11.01
PCH 1.51 73 iP+ 01 54.84 -0.1

iS 02 13.59
ROCH 1.51 43 iPd 01 54.86 -0.3
PEL 1.60 54 iP+ 01 56.01 -0.2
iS 02 15.95
FCH 1.79 66 iP 01 59.18 -0.1
iS 02 22.12
JACH 1.96 45 iP+ 02 02.13 0.6
iS 02 25.80
S.D. = 0.5 on 9 of 9 obs.

? JUN 18, 1994 11h 15m 10.86± 7.78s
34.074 S ±33.1km 72.210 W ±50.2km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.5 (SAN).

LNV 0.67 80 iP 15 24.76 0.5
iS 15 32.64
LCCH 0.80 42 iP+ 15 26.27 -0.1
iS 15 35.12
CHCH 1.30 84 iP+ 15 34.37 -0.6
iS 15 51.63
CACH 1.34 92 iP 15 35.69 0.1
iS 15 55.59
PCH 1.48 73 iPd 15 37.72 0.1
iS 15 57.41
ROCH 1.49 43 iP+ 15 37.23 -0.6
iS 15 56.30
PEL 1.57 54 iP 15 39.42 0.5
iS 15 59.27
FCH 1.76 66 iPd 15 41.60 -0.4
iS 16 05.03
JACH 1.94 45 iP 15 44.83 0.6
iS 16 08.81
S.D. = 0.5 on 9 of 9 obs.

& JUN 18, 1994 11h 19m 01.00s
47.500 N 121.850 W
DEPTH = 17.3km
WASHINGTON (29)
<SEA-P>. ML 2.7 (SEA), 2.3 (GS).
Felt.

RMW 0.05 143 iPc 19 04.62 0.2
GMW 0.64 275 ePc 19 12.51 -0.8
eS 19 21.81
LON 0.75 178 iPd 19 14.65 -0.6
eS 19 24.44
SHW 1.33 192 eP 19 24.50 -0.4
MCW 1.35 331 eP 19 24.05 -1.0
eS 19 41.17
BMW 1.39 223 eP 19 24.64 -1.0
eS 19 43.62
VGB 2.12 159 (P) 19 34.84 -1.3
DPW 2.49 80 eP 19 40.60 -0.9
NEW 3.27 75 eP 19 52.38 -0.2
9 obs. associated

* JUN 18, 1994 11h 39m 35.36± 3.59s
34.026 S ±22.3km 72.132 W ±22.0km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.2 (SAN).

LNV 0.60 83 iP+ 39 48.35 0.8
iS 39 56.42
LCCH 0.72 41 iP+ 39 49.81 0.3
iS 39 58.85
CHCH 1.23 86 iP+ 39 57.98 -0.3
iS 40 14.38
CACH 1.27 94 iP+ 39 59.26 0.1
iS 40 17.44
SAN 1.35 65 iP+ 40 00.62 0.4
iS 40 17.09
PCH 1.41 74 iP+ 40 00.33 -0.8
iS 40 20.04
ROCH 1.41 42 iP+ 40 00.59 -0.7
PEL 1.49 54 iP+ 40 02.03 -0.3
(S) 40 21.28
FCH 1.69 66 eP 40 04.99 -0.3
iS 40 28.48
JACH 1.86 44 iP 40 07.70 0.1
iS 40 32.30
ZON 3.82 51 eP 40 40.30 4.8X
LPB 17.79 13 eP 43 47.00 1.8
LPAZ 18.03 13 P 43 46.90 -1.4
S.D. = 0.9 on 12 of 13 obs.

% JUN 18, 1994 11h 48m 41.53± 0.80s
39.152 N ± 6.7km 27.538 E ± 8.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.78 196 ePg 48 56.60 -0.2
eSg 49 08.60
DST 0.96 61 iPn 49 00.30 0.5
EZN 1.15 306 iPn 49 03.50 0.4
EDC 1.22 12 ePn 49 04.00 -0.2
BNT 1.24 14 ePn 49 04.10 -0.4
KCT 1.26 30 ePn 49 05.00 0.0
S.D. = 0.5 on 6 of 6 obs.

% JUN 18, 1994 12h 06m 46.05± 1.00s
40.263 N ±10.0km 29.323 E ± 7.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZI 0.14 57 ePg 06 50.10 0.7
eSg 06 53.10
HRT 0.62 25 ePg 06 58.90 0.4
EYL 0.71 64 ePg 06 59.20 -0.9
KCT 0.74 269 ePg 07 01.30 0.7
ISK 0.83 346 ePg 07 03.50 1.5
DST 0.85 219 ePg 07 01.90 -0.5
BNT 1.08 275 ePn 07 06.80 0.5
CTT 1.11 323 ePg 07 04.10 -2.8
EDC 1.12 275 ePn 07 07.40 0.4
S.D. = 1.5 on 9 of 9 obs.

% JUN 18, 1994 12h 10m 19.10± 0.87s
26.930 S ± 9.0km 26.838 E ± 8.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.4 (PRE).

BFS 0.06 304 eP 10 21.20 0.4
S 10 21.50
SWZ 1.37 259 eP 10 44.00 -1.0
S 11 02.00
SEK 1.55 153 eP 10 47.50 -0.1
S 11 09.20
SLR 1.76 48 eP 10 50.50 -0.1
S 11 14.50
BOSA 2.10 217 eP 10 56.00 0.7
S 11 22.10
S.D. = 0.9 on 5 of 5 obs.

& JUN 18, 1994 12h 15m 24.17s
60.240 N 153.224 W
DEPTH = 140.2km
4.3mb (4 obs.)
SOUTHERN ALASKA (2)
<AEIC>.

RED 0.29 51 iPc 15 42.89 0.7
RS2 0.32 46 eP 15 43.82 1.3
RSO 0.32 46 iPc 15 43.26 0.8
REF 0.36 46 iPc 15 43.29 0.7
DFR 0.44 37 iPc 15 43.42 -1.1
OPT 0.59 180 iPc 15 44.45 -0.7
PDB 0.67 227 iPc 15 44.60 -1.0
eS 16 00.70
AUL 0.87 187 ePc 15 46.32 -0.8
AUP 0.89 187 eP 15 46.10 -1.3
BKG 0.96 29 iPc 15 47.05 -1.0
eS 16 05.61
NNL 0.98 101 iPc 15 47.62 -0.5
HOM 0.99 126 iPd 15 47.34 -0.8
CKL 1.05 24 eP 15 48.19 -0.7
CKT 1.09 27 iPc 15 48.20 -1.0
XLV 1.09 135 ePc 15 47.79 -1.4
eS 16 07.09
NKA 1.11 62 ePc 15 49.50 0.3
BGL 1.11 21 iPc 15 48.80 -0.6
SPU 1.11 31 iPc 15 48.23 -1.1
eS 16 07.68
CKN 1.11 27 ePc 15 48.64 -0.8
CP2 1.14 25 eP 15 48.72 -1.1
CRP 1.16 27 (P) 15 47.43 -2.5
MCNL 1.20 209 eP 15 48.82 -1.4
eS 16 08.33
CNPM 1.23 125 iPc 15 49.40 -1.1

eS 16 09.04
BRLK 1.27 111 eP 15 49.62 -1.3
eS 16 09.41
BGM 1.32 231 eP 15 50.17 -1.3
CDD 1.33 189 iPd 15 50.02 -1.5
eS 16 10.63
SVW 1.47 307 ePc 15 51.11 -1.9
SLKM 1.52 78 iPc 15 51.49 -2.1
eS 16 13.35
SYI 1.69 165 eP 15 53.61 -1.8
SUA 1.73 44 ePd 15 54.49 -1.5
SEW 1.89 93 eP 15 55.69 -2.1
SKT 1.93 24 eP 15 56.84 -1.5
eS 16 23.28
MPA 1.94 81 ePc 15 56.01 -2.3
PMS 2.06 59 P 15 57.60 -2.3
PWA 2.16 48 P 15 58.70 -2.3
S 16 28.20
PTE 2.17 71 ePc 15 58.33 -2.8
eS 16 26.21
PLRM 2.42 54 eP 16 00.94 -3.3
eS 16 31.23
PMR 2.42 54 ePd 16 00.63 -3.6
KDC 2.53 171 ePd 16 01.87 -3.7
CUT 2.60 32 eP 16 04.46 -2.1
GHO 2.60 52 eP 16 03.61 -3.0
KNK 2.62 61 eP 16 03.65 -3.1
eS 16 35.34
SML 2.85 54 ePd 16 06.65 -3.2
TTA 3.01 335 eP 16 09.20 -2.7
HUR 3.24 30 eP 16 13.27 -1.6
HIN 3.35 84 eP 16 13.11 -3.2
KTH 3.50 17 eP 16 16.28 -2.1
VLZ 3.51 72 eP 16 14.97 -3.3
TRF 3.51 22 eP 16 17.01 -1.6
MID 3.57 100 P 16 16.90 -2.2
CVA 3.72 82 eP 16 18.75 -2.4
KLU 3.79 67 eP 16 18.73 -3.4
RND 3.79 31 eP 16 19.86 -2.4
TOA 3.89 58 P 16 21.00 -2.6
DHY 3.98 42 eP 16 22.06 -2.8
MCK 4.05 28 eP 16 23.26 -2.3
TZL 4.19 61 eP 16 24.81 -2.6
SDG 4.35 55 eP 16 26.86 -2.7
PAX 4.61 50 eP 16 30.91 -2.2
NEA 4.76 22 eP 16 32.13 -2.9
GLB 4.76 71 eP 16 31.95 -3.2
THY 4.76 45 eP 16 33.47 -1.7
WRH 4.87 27 ePd 16 33.54 -3.0
MLY 4.94 12 eP 16 34.16 -3.4
DDM 4.97 41 eP 16 36.75 -1.2
CCB 5.09 27 ePd 16 36.16 -3.3
HDA 5.10 32 ePd 16 36.62 -3.0
MDM 5.27 24 ePd 16 38.95 -2.9
FBA 5.31 26 ePd 16 38.97 -3.4
BALM 5.41 77 eP 16 41.45 -2.5
GLM 5.47 27 eP 16 41.29 -3.4
DOT 5.51 48 eP 16 42.38 -2.8
TMW 5.75 53 P 16 47.20 -1.2
IMA 5.86 358 ePd 16 47.04 -2.9
CHX 6.05 86 eP 16 50.67 -1.9
SDN 6.26 222 eP 16 50.53 -4.8
ANM 7.11 313 (P) 17 04.49 -2.4
FYU 7.29 26 eP 17 04.81 -4.4
SIT 9.85 101 eP 17 39.70 -3.6
INK 11.72 38 eP 18 04.00 -3.8
0.7s 13.00nm 4.6mb X
YKA 18.46 66 eP 19 27.60 -3.7
0.6s 16.00nm 4.5mb
Z 19s 0.09um 5.0MszX
MBC 19.84 23 eP 19 41.50 -4.1
0.6s 11.00nm 4.4mb
NEW 23.92 104 eP 20 24.69 -1.2
0.6s 2.25nm 3.8mb
VGB 24.18 113 eP 20 27.61 -0.8
epP 20 56.46 141kmX
LBFM 26.98 120 eP 20 52.74 -1.6
LRM 27.91 103 eP 21 00.90 -1.9
e 21 33.00
TPNV 33.07 118 ePc 21 46.61 -1.6
epP 22 17.65 144kmX
MSU 33.63 112 ePc 21 51.76 -1.3
ARUT 33.64 114 eP 21 51.23 -1.8
SRU 33.93 109 eP 21 54.22 -1.3
epP 22 25.05 142kmX
PV09 35.07 108 eP 22 03.45 -2.0
epP 22 35.18 143kmX

PV08 35.24 108 eP 22 04.51 -2.4
WMOK 43.07 101 eP 23 09.05 -2.3
0.7s 4.59nm 4.3mb
epP 23 41.95 147kmX
PRM 51.74 87 eP 24 15.01 -3.8
GEC2 70.76 9 P 26 21.90 -4.5
0.5s 0.26nm 3.3mb X
e 26 23.30
SPA 150.07 180 iPKPc 34 54.10 1.5
0.9s 5.45nm
96 obs. associated

? JUN 18, 1994 12h 38m 50.92± 5.99s
34.058 S ±25.8km 72.214 W ±38.4km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.3 (SAN).

LNV 0.67 82 iP+ 39 05.10 0.8
iS 39 13.13
LCCH 0.79 43 iP+ 39 06.60 0.3
iS 39 16.38
TACH 1.14 70 iP 39 11.55 -0.7
iS 39 27.03
CHCH 1.30 85 iP+ 39 14.69 -0.4
CACH 1.34 93 iP+ 39 16.02 0.3
iS 39 35.51
SAN 1.43 65 iP+ 39 17.28 0.4
ROCH 1.48 43 iP+ 39 17.35 -0.4
iS 39 36.52
PCH 1.48 73 iP+ 39 17.09 -0.6
iS 39 37.55
PEL 1.57 55 iP+ 39 18.77 -0.1
iS 39 39.58
FCH 1.76 66 iPd 39 21.88 -0.1
iS 39 45.73
JACH 1.93 45 iP 39 24.73 0.5
iS 39 50.02
S.D. = 0.5 on 11 of 11 obs.

JUN 18, 1994 12h 42m 00.35± 0.19s
28.971 N ± 3.1km 52.673 E ± 2.3km
DEPTH = 11.0km (5 depth phases)
5.1mb (80 obs.)
SOUTHERN IRAN (353)
Felt at Firuzabad.

DHR 3.48 221 eP 43 03.50 8.0X
eS 43 46.00
TEH 6.83 351 eP 43 44.00 0.9
RYD 6.87 233 eP 43 44.00 0.4
eS 44 53.00
KER 7.16 320 ePd 43 47.00 -0.7
MJMA 7.26 246 eP 43 47.33 -1.6
QASM 8.61 253 ePc 44 07.00 -0.8
MAIO 9.30 36 iPc 44 19.30 1.9
eS 46 21.00
UQSK 9.70 253 eP 44 22.67 -0.2
ASH 10.13 26 eP 44 31.00 2.3
1.0s 180.00nm 6.5mb X
KAT 10.63 15 eP 44 36.50 1.0
eS 46 37.00
KMSA 11.34 223 iPd 44 43.33 -2.0
eS 46 42.00
BAK 11.61 349 iPc 45 07.00 18.1X
TAIF 13.52 238 eP 45 18.00 3.3X
ABHA 14.01 223 ePc 45 22.20 0.9
DHJN 14.06 219 ePd 45 22.30 0.3
eS 47 40.00
MTA 14.22 335 eP+ 45 25.20 1.5
WAJH 14.56 263 eP 45 36.67 8.5X
MAK 14.64 345 iP- 45 30.00 0.9
Z 13s 1.50um
N 13s 2.00um
E 13s 1.50um
iS 48 12.00
SDOM 15.12 282 Pn 45 38.20 2.8
HRI 15.12 291 Pn 45 35.20 -0.4
HMDT 15.13 287 Pn 45 36.70 1.1
MML 15.24 287 Pn 45 38.10 1.0
ARVI 15.28 281 Pn 45 39.00 1.4
GVMR 15.31 288 Pn 45 36.50 -1.4
MKT 15.32 282 Pn 45 39.40 1.3
MMR 15.33 289 Pn 45 38.30 0.0
BHL 15.33 293 P 45 38.00 -0.4
S 48 32.00
GRO 15.41 340 eP 45 46.00 6.8X

1.0s 160.00nm 5.3mb
Z 18s 1.50um 4.2Msz
N 20s 2.00um
E 16s 2.20um
eS 48 38.00
ATZ 15.42 289 Pn 45 39.60 0.1
PRNI 15.43 279 Pn 45 40.40 0.8
MAMI 15.47 288 Pn 45 39.90 -0.2
ZNT 15.54 286 Pn 45 41.50 0.6
MBH 15.54 277 Pn 45 39.60 -1.4
SAGI 15.72 279 Pn 45 43.30 -0.1
PYA 16.88 335 eP 45 59.00 0.9
Z 18s 1.00um
iS 49 12.00
KIV 16.95 335 eP 45 59.80 0.8
1.2s 84.00nm 4.7mb
eS 49 17.10
CSS 17.46 295 eP 46 05.00 -0.3
SOC 17.90 328 eP 46 10.00 -0.8
Z 15s 1.00um
N 16s 1.00um
E 16s 1.40um
eS 49 30.50
HLW 18.61 278 (P) 46 21.00 1.4
ELL 20.60 298 eP 46 42.00 -0.2
KHL 21.36 302 iP 46 50.70 0.8
NDI 21.50 85 ePc 46 50.50 -0.8
1.0s 110.00nm 5.2mb
GPA 21.53 308 iP 46 47.60 -3.9X
SIM 21.70 322 eP 46 52.00 -1.1
Z 16s 0.50um 4.0MszX
e 50 55.00
EYL 21.75 308 eP 46 57.60 3.8X
POO 21.96 114 eP 46 58.50 2.5
HRT 22.20 308 eP 46 59.10 0.9
YLV 22.29 307 eP 46 56.00 -3.2X
FRU 22.44 46 eP 47 06.00 5.4X
1.8s 150.00nm 5.2mb
BNT 23.23 306 eP 47 10.10 1.7
AAA 24.14 47 eP 47 18.00 0.8
Z 16s 2.20um 4.7MszX
N 16s 1.60um
E 16s 2.00um
TLG 24.42 48 eP 47 20.00 0.1
1.1s 50.00nm 5.1mb
ALN 24.76 306 eP 47 24.10 1.0
RZN 25.97 307 iPc 47 36.00 1.2
PAIG 26.18 302 eP 47 37.34 0.8
HYB 26.36 110 eP 47 39.00 0.6
SRS 26.59 305 eP 47 41.22 0.9
MMB 26.64 306 iP 47 41.00 0.2
SOH 26.67 304 eP 47 42.38 1.3
THE 26.90 304 eP 47 43.66 0.6
AGG 26.97 300 eP 47 43.90 0.0
KNT 27.10 305 iP 47 45.46 0.5
LIT 27.11 302 iP 47 44.78 -0.3
KKB 27.19 306 iP 47 46.00 0.2
BRVK 27.34 23 iPc 47 47.50 0.5
1.0s 28.00nm 4.9mb
Z 20s 0.67um 4.2Msz
N 18s 0.68um
E 16s 0.84um
eS 52 36.00
VAY 27.38 305 iP 47 48.30 0.8
1.0s 50.00nm 5.2mb
GRG 27.40 304 eP 47 48.14 0.4
GBA 27.59 118 P 47 50.00 0.4
FNA 28.10 303 iP 47 54.42 0.3
SKO 28.38 306 iPc 47 57.00 0.4
SVE 28.39 9 iPd 47 57.10 0.6
Z 15s 0.90um 4.5MszX
N 15s 0.60um
E 15s 0.40um
ePPP 48 59.00
eS 52 44.00
KBN 28.50 303 eP 47 57.50 -0.2
OBN 28.57 341 iPc 47 58.00 -0.1
1.0s 68.00nm 5.4mb
Z 18s 0.60um 4.2Msz
N 20s 0.50um
E 20s 0.30um
e 48 58.00 317kmX
e 51 15.00
eS 52 40.00
OHR 28.61 304 iP 47 59.20 0.5
0.9s 90.00nm 5.6mb
PHP 29.02 305 iPc 48 03.10 0.7

LACI 29.54 304 iPd 48 07.00 0.0
UZH 30.45 319 eP 48 15.50 0.5
e 48 19.00 12km
MNK 30.91 331 eP 48 20.00 1.1
GRI 31.48 298 eP 48 25.30 1.1
TDS 31.66 299 P 48 27.35 1.6
SOI 31.68 296 eP 48 27.30 1.4
MGR 32.32 300 eP 48 32.29 0.7
SRO 32.49 315 iP 48 32.30 -0.6
SGO 32.57 301 eP 48 34.29 0.6
PTJ 33.34 311 eP 48 40.50 0.0
ZST 33.38 315 iP 48 40.00 -0.7
e 01 49.70
DUI 33.39 303 P 48 42.70 1.8
OKC 33.42 318 eP 48 40.50 -0.5
e 48 43.70 11km
MCT 33.56 295 P 48 45.99 3.4X
LJU 34.33 310 ePc 48 49.50 0.5
e 49 08.00 77kmX
PUL 34.34 340 (P) 48 49.00 0.2
1.2s 120.00nm 5.7mb
Z 18s 0.60um 4.4Msz
N 18s 0.30um
E 18s 0.50um
VOY 34.76 310 iPc 48 52.70 0.0
e 49 04.20 42kmX
MNS 34.81 303 eP 48 53.72 0.5
ASS 34.95 305 eP 48 55.61 1.3
KBA 35.41 312 iPc 48 58.30 -0.1
1.3s 66.30nm 5.4mb
i 49 11.00 47kmX
CRE 35.56 305 eP 49 00.35 0.8
PRU 35.62 317 eP 48 59.40 -0.5
i 49 01.70 8km
FVI 35.65 311 eP 49 00.57 0.4
SFI 35.68 306 eP 49 02.47 2.0
GEC2 35.73 315 P 49 00.40 -0.6
1.2s 7.53nm 4.5mb
e 49 03.90 12km
e 51 19.50
PcP 51 28.80
e 51 31.60
KHC 35.90 315 Pc 49 02.00 -0.4
1.0s 22.80nm 5.0mb
e 49 10.50 29kmX
e 49 29.50
BHG 35.90 313 iPc 49 02.20 -0.1
0.7s 15.00nm 5.0mb
CTI 36.27 309 eP 49 05.63 0.0
BRG 36.30 318 iP 49 05.20 -0.4
1.0s 16.00nm 4.8mb
i 49 22.00 67kmX
WET 36.34 315 iPc 49 05.20 -0.8
0.8s 12.00nm 4.8mb
WTTA 36.58 311 iPc 49 07.80 -0.5
0.9s 48.30nm 5.3mb
i 49 24.10 65kmX
BDI 36.60 306 ePc 49 08.43 0.1
WATA 36.64 311 iPc 49 08.00 -0.7
i 49 11.70 12km
NUR 36.73 337 iP 49 08.70 -0.4
0.5s 45.50nm 5.5mb
SQTA 36.85 311 iPc 49 09.90 -0.6
0.8s 38.40nm 5.3mb
OGA 36.89 311 eP 49 11.00 0.1
SAL 36.94 308 P 48 56.00 -15.1X
MOTA 36.95 311 iPc 49 11.40 0.0
CLL 37.01 318 iPc 49 11.00 -0.6
1.1s 21.00nm 4.8mb
CGL 37.05 298 eP 49 14.05 1.9
FUR 37.06 313 iPc 49 11.80 -0.3
1.2s 89.00nm 5.4mb
KAF 37.40 340 iP 49 14.50 -0.2
0.5s 14.00nm 5.0mb
OSS 37.43 310 iPd 49 16.10 0.7
BOB 37.53 307 P 49 17.20 1.0
PGF 37.53 303 P 49 16.27 0.0
GRF 37.54 315 iPc 49 16.20 0.1
1.1s 24.80nm 4.9mb
Z 18s 0.20um 3.9Msz
e(PP) 51 34.10
BSD 37.59 325 iPc 49 14.50 -1.8
0.6s 26.00nm 5.2mb
MOX 37.60 317 eP 49 17.00 0.4
VDL 37.84 310 ePd 49 19.70 0.8
PCP 38.13 306 P 49 19.87 -1.3
TMA 38.17 309 ePd 49 20.90 -0.8

LLS 38.24 310 iPc 49 21.80 -0.5
FIN 38.32 306 P 49 21.38 -1.4
ROB 38.57 306 P 49 24.04 -0.9
SAOF 38.76 305 P 49 26.31 -0.1
APL 38.77 310 ePd 49 25.80 -0.7
SLE 38.77 311 ePd 49 25.60 -0.9
ZLA 38.78 311 ePd 49 26.10 -0.5
MMK 38.78 309 ePd 49 25.90 -1.0
SBF 38.83 305 iPc 49 27.20 0.1
0.9s 72.40nm 5.4mb
AUTN 38.85 305 P 49 27.13 -0.3
ENR 38.88 306 P 49 27.01 -0.5
UPP 38.92 333 iPc 49 27.00 -0.4
STV 38.95 306 P 49 27.01 -1.1
TOUF 38.98 305 P 49 28.45 0.0
MVIF 39.03 305 P 49 28.13 -0.8
DOI 39.04 306 P 49 27.85 -1.0
BHB 39.08 307 P 49 27.15 -1.9
FEL 39.11 311 P 49 28.45 -1.0
RSP 39.13 307 P 49 27.06 -2.6
PZZ 39.15 306 P 49 28.02 -1.8
DIX 39.17 308 iPc 49 29.70 -0.4
CALN 39.21 305 P 49 30.25 -0.1
LSD 39.25 307 P 49 30.08 -0.7
FOUF 39.38 306 iPc 49 32.03 0.5
TNS 39.41 315 ePc 49 31.60 -0.2
RRL 39.43 307 P 49 31.45 -0.8
LPG 39.53 307 iPc 49 32.60 -0.6
0.8s 30.35nm 5.0mb
LPL 39.55 307 iPc 49 32.80 -0.4
0.7s 30.00nm 5.1mb
MOF 39.69 311 P 49 33.04 -1.1
CDF 39.71 312 eP 49 33.10 -1.3
1.0s 8.40nm 4.4mb
ECH 39.75 312 P 49 33.72 -0.9
LOMF 39.79 310 P 49 34.54 -0.5
BSF 39.91 311 iPc 49 35.10 -0.9
1.1s 21.50nm 4.7mb
HAU 40.23 311 iPc 49 37.60 -1.0
Z 24s 0.13um 3.7MszX
WLF 40.71 314 P 49 40.00 -2.4
WTS 40.89 317 ePc 49 45.00 1.2
0.9s 49.10nm 5.2mb
MUD 41.09 324 iPc 49 46.00 0.6
0.8s 29.00nm 5.1mb
ENN 41.10 315 eP 49 46.50 0.9
1.0s 20.00nm 4.8mb
WIT 41.20 318 eP 49 48.00 1.6
LBF 41.65 309 iPc 49 49.60 -0.7
0.7s 8.50nm 4.6mb
SMF 41.70 309 iPc 49 50.20 -0.4
0.8s 52.10nm 5.3mb
PLDF 41.77 308 P 49 50.97 -0.3
LOR 41.77 310 iPc 49 50.60 -0.6
0.8s 13.70nm 4.7mb
Z 22s 0.15um 3.8Msz
DOU 41.78 314 Pd 49 52.00 0.8
LBL 41.95 307 P 49 52.59 -0.2
SSF 41.98 309 iPc 49 52.60 -0.3
1.0s 30.60nm 5.0mb
AVF 42.05 309 iPc 49 53.00 -0.5
1.2s 32.15nm 4.9mb
SNF 42.06 315 P 49 54.90 1.4
AGO 42.12 308 P 49 53.85 -0.2
PYM 42.17 307 P 49 54.20 -0.4
NB2 42.22 331 P 49 53.80 -0.9
0.8s 23.40nm 5.0mb
NBO 42.40 331 eP 49 53.81 -2.4
MAF 42.52 308 iPc 49 57.30 -0.1
0.7s 8.05nm 4.6mb
HYF 42.59 310 eP 49 58.20 0.2
CAF 42.76 306 iPc 49 59.40 0.0
1.0s 21.60nm 4.8mb
LSPF 42.77 303 P 50 00.33 0.8
TCF 42.78 308 iPc 49 59.40 -0.1
1.1s 32.00nm 5.0mb
PAND 43.03 302 P 50 03.11 1.3
GRBF 43.04 303 P 50 02.22 0.5
RJF 43.18 307 iPc 50 03.00 0.3
1.1s 38.60nm 5.1mb
Z 22s 0.17um 3.9Msz
LESF 43.23 303 P 50 03.30 0.1
LSF 43.24 308 iPc 50 02.90 -0.4
0.7s 8.80nm 4.6mb
CHTO 43.26 93 ePc 50 03.50 -0.2
1.0s 30.00nm 5.0mb
LZH 43.32 67 Pc 50 04.00 -0.2
2.0s 66.00nm 5.1mb
Z 22s 0.75um 4.5Msz
E 17s 0.56um
sP 50 11.00
LPO 43.37 306 iPc 50 04.60 0.3
1.0s 27.20nm 5.0mb
ZAK 43.43 46 iPc 50 05.50 0.8
1.0s 23.00nm 4.9mb
e 51 52.00 609kmX
LFF 43.70 306 iPc 50 07.40 0.4
1.1s 80.85nm 5.4mb
EROQ 43.88 300 eP 50 09.00 0.5
EPF 43.92 303 iPc 50 08.10 -0.8
0.8s 7.80nm 4.6mb
BDT 43.93 95 iPd 50 08.80 -0.3
1.0s 27.60nm 5.0mb
EGRA 44.40 302 eP 50 10.00 -2.7
MFF 44.43 308 iPc 50 12.20 -0.6
0.9s 33.60nm 5.2mb
KMI 44.49 83 P+ 50 11.00 -2.9
1.0s 50.00nm 5.3mb
Z 12s 0.90um 4.9MszX
sP 50 28.00
LDF 44.59 311 iPc 50 13.30 -0.8
0.6s 13.90nm 5.0mb
FLN 44.85 311 iPc 50 15.50 -0.7
1.0s 45.00nm 5.3mb
Z 23s 0.20um 4.0MszX
ECHE 44.99 298 eP 50 18.00 0.5
GRR 45.06 311 iPc 50 17.30 -0.6
1.0s 33.40nm 5.2mb
LPF 45.15 310 iPc 50 17.90 -0.7
0.9s 31.45nm 5.3mb
EVIA 46.25 297 eP 50 28.00 0.4
LOE 46.25 93 eP 50 27.00 -0.7
NNT 46.60 100 iPd 50 31.00 0.6
EBAN 47.30 297 eP 50 35.50 -0.3
GUD 47.35 300 eP 50 36.00 -0.3
EKA 47.42 320 Pc 50 35.13 -1.3
1.0s 21.30nm 5.2mb
ERON 47.45 295 eP 50 38.00 0.8
PAB 47.59 299 iPc 50 38.30 0.1
ELUQ 47.75 296 eP 50 38.00 -1.4
EHOR 48.49 296 eP 50 44.00 -1.0
EPLA 48.87 299 eP 50 48.50 0.5
ERUA 49.45 303 eP 50 52.00 -0.4
EMON 49.51 304 eP 50 52.10 -0.8
STS 50.45 303 eP 50 59.00 -1.0
BOD 50.90 37 eP 51 01.70 -1.5
IPM 51.78 109 ePc 51 09.10 -1.4
BJI 52.49 60 eP 51 15.50 0.0
1.0s 6.00nm 4.5mb
Z 20s 0.91um 4.8Msz
e 52 25.50 332kmX
DAG 57.78 345 iPd 51 52.40 -1.0
0.6s 10.67nm 5.0mb
BFT 58.53 204 eP 52 00.50 1.1
0.7s 22.00nm 5.4mb
YAK 58.83 32 eP 51 58.70 -2.2
0.8s 37.00nm 5.5mb
SLR 59.22 206 eP 52 04.20 0.0
1.0s 40.00nm 5.5mb
KSR 59.88 207 eP 52 08.50 -0.2
0.7s 38.00nm 5.6mb
BOSA 62.92 207 eP 52 29.70 0.8
BLF 63.06 206 iPd 52 33.60 3.5X
0.7s 44.00nm 5.8mb
FRS 63.96 206 eP 52 36.60 0.8
0.7s 11.00nm 5.2mb
GRM 66.70 204 iPd 52 56.00 2.5
0.7s 62.00nm 5.9mb
YSS 69.45 47 eP 53 09.50 -1.0
MAT 70.09 59 (P) 53 13.00 -1.7
0.8s 59.70nm 5.8mb
MBC 74.92 358 eP 53 42.50 0.0
0.8s 3.00nm 4.4mb
ILT 76.17 18 iPd 53 49.00 -0.7
Z 14s 0.40um 4.9MszX
E 14s 0.30um
FRB 76.73 337 eP 53 53.00 0.1
1.0s 11.00nm 4.9mb
BRW 77.88 9 eP 53 59.35 0.2
ANM 82.15 16 eP 54 23.00 0.9
INK 82.91 2 eP 54 26.50 0.6
1.0s 3.00nm 4.4mb
IMA 83.13 11 eP 54 27.31 -0.1
0.7s 8.77nm 5.1mb
FBA 85.09 9 eP 54 36.83 -0.3
0.8s 2.26nm 4.4mb
e 55 44.12 282kmX
TTA 85.60 13 eP 54 40.50 0.7
0.9s 13.30nm 5.1mb
JAQ 86.27 332 eP 54 44.50 1.3
LMN 86.44 322 eP 54 45.50 1.3
1.0s 4.00nm 4.6mb
SVW 87.33 13 eP 54 48.51 0.2
1.0s 23.43nm 5.4mb
TOA 87.98 9 eP 54 52.60 1.2
0.9s 34.40nm 5.7mb
PMR 88.04 10 eP 54 51.00 -0.6
1.0s 10.97nm 5.1mb
KLU 88.60 9 eP 54 55.11 0.6
SLKM 88.89 11 eP 54 54.99 -0.8
KDC 91.06 13 eP 55 06.10 0.2
0.3s 8.60nm 5.6mb
WRA 92.52 111 P 55 13.19 0.1
1.4s 3.00nm 4.5mb
ASPA 94.00 115 P 55 20.60 0.7
0.6s 5.40nm 5.1mb
SPA 118.81 180 iPKPc 00 49.10 -0.5
0.6s 2.85nm
MOCB 124.14 263 PKP 01 02.50 0.8
LPAZ 124.42 269 PKP 01 02.80 0.3
LPB 124.49 269 ePKP 01 02.00 -0.4
S.D. = 1.0 on 243 of 255 obs.

? JUN 18, 1994 12h 50m 28.31± 5.75s
33.984 S ±20.7km 72.076 W ±37.7km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 3.9 (SAN).

LNV 0.55 87 iP+ 50 40.45 0.9
iS 50 48.32
LCCH 0.66 40 iP+ 50 41.92 0.5
iS 50 50.83
TACH 1.00 71 iP+ 50 46.86 -0.5
iS 51 02.60
CHCH 1.18 88 iP+ 50 50.06 -0.4
iS 51 07.14
CACH 1.23 97 iP+ 50 51.38 0.1
iS 51 11.46
SAN 1.29 66 iP 50 52.61 0.3
iS 51 10.52
ROCH 1.35 42 iP 50 52.65 -0.6
iS 51 12.10
PCH 1.35 75 iP 50 52.58 -0.7
iS 51 12.58
PEL 1.43 55 iP+ 50 54.14 -0.2
iS 51 15.14
FCH 1.63 67 iPd 50 57.24 -0.2
iS 51 21.25
JACH 1.80 44 iP 51 00.42 0.8
iS 51 25.18
S.D. = 0.6 on 11 of 11 obs.

JUN 18, 1994 13h 34m 17.49± 0.72s
34.074 S ± 9.8km 72.196 W ± 5.3km
DEPTH = 10.0km (geophysicist)
4.6mb (3 obs.)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.7 (SAN).

LNV 0.66 80 iP+ 34 31.72 1.1
iS 34 39.69
LCCH 0.79 41 iP+ 34 33.28 0.4
TACH 1.13 69 iP+ 34 38.24 -0.4
IHA 1.14 24 iPd 34 39.50 0.6
iS 34 54.10
CHCH 1.29 84 iP+ 34 41.36 -0.1
CACH 1.32 92 iP+ 34 42.69 0.6
SAN 1.42 65 iP+ 34 43.04 -0.3
PCH 1.47 73 iP+ 34 43.88 -0.2
iS 35 02.61
ROCH 1.48 42 iPd 34 44.08 -0.3
iS 35 02.71
PEL 1.57 54 iP+ 34 45.65 0.2
FCH 1.75 65 iP+ 34 48.43 0.0
iS 35 11.22
JACH 1.93 44 iP 34 51.14 0.4
iS 35 16.00
ZON 3.89 51 eP 35 19.30 0.6
eS 36 11.30
LPAZ 18.08 13 P 38 30.00 -1.1

BAO 28.50 56 eP 40 11.40 -3.9X
e 43 53.10
ITR 39.97 59 eP 41 51.10 -2.9
e 42 22.70
JSC 68.52 352 eP 45 20.55 -1.5
FVM 73.67 345 eP 45 53.00 0.1
0.9s 11.02nm 4.9mb
ALQ 75.78 332 eP 46 05.67 0.2
0.9s 2.81nm 4.3mb
PV10 79.79 331 eP 46 27.49 0.0
PV08 79.80 332 (P) 46 28.26 0.5
CBM 80.72 3 eP 46 31.67 -0.2
0.9s 6.30nm 4.6mb
MSU 81.19 329 eP 46 35.65 0.7
ORV 86.29 324 eP 47 02.70 2.2
GBA 145.76 119 PKP 53 57.80 -0.6
0.8s 5.00nm
S.D. = 1.0 on 24 of 25 obs.

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* JUN 18, 1994 13h 35m 48.16± 2.17s
42.433 N ±16.3km 5.881 E ±10.0km
DEPTH = 10.0km (geophysicist)
WESTERN MEDITERRANEAN SEA (387)
ML 2.3 (STR).

BERF 0.89 351 Pg 36 04.94 -0.4
Sg 36 20.29
GELF 1.01 341 Pg 36 06.94 -0.3
PUYF 1.11 353 Pg 36 08.27 -0.7
CDR 1.24 356 ePgc 36 11.20 -0.1
i 36 11.70
iSg 36 20.60
TREF 1.24 343 Pg 36 11.06 -0.2
VILF 1.42 355 Pg 36 14.39 0.3
PRAF 1.47 339 Pg 36 15.44 0.8
CALN 1.51 29 Pg 36 15.43 0.0
MVIF 1.73 32 Pg 36 19.57 0.9
Sg 36 40.82
AURF 1.80 36 Pg 36 19.48 0.0
SBF 1.83 38 Pg 36 19.61 -0.3
TOUF 1.87 32 Pg 36 21.26 0.6
Sg 36 45.14
AUTN 1.93 35 Pg 36 21.45 -0.1
SAOF 1.98 38 Pg 36 21.91 -0.1
FOUF 2.20 17 ePnc 36 27.90 2.8X
e(Sn) 36 47.17
PGF 2.31 86 Pg 36 26.46 -0.5
Sg 36 52.57
S.D. = 0.5 on 15 of 16 obs.

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* JUN 18, 1994 13h 52m 02.33± 2.68s
34.139 S ±14.4km 72.316 W ±17.3km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.4 (SAN).

LNV 0.77 77 iP+ 52 18.11 0.7
iS 52 26.91
LCCH 0.91 43 iP+ 52 19.75 0.1
iS 52 29.09
IHA 1.24 27 eP 52 26.00 0.6
iS 52 42.00
TACH 1.24 68 iP+ 52 24.63 -0.8
iS 52 38.90
CHCH 1.40 82 iP+ 52 27.69 -0.2
iS 52 43.82
CACH 1.42 90 iP+ 52 28.95 0.6
iS 52 46.67
SAN 1.54 64 iP+ 52 29.66 -0.2
iS 52 48.23
PCH 1.59 72 iP+ 52 30.12 -0.5
iS 52 50.25
ROCH 1.59 43 iP 52 30.63 -0.2
iS 52 49.56
PEL 1.68 54 iP+ 52 32.11 0.1
iS 52 52.91
FCH 1.87 65 iPd 52 35.03 0.0
iS 52 58.87
JACH 2.05 45 iP 52 37.50 0.2
iS 53 02.60
ZON 4.01 51 e(P) 53 07.30 2.2X
LPB 17.94 13 P 56 18.00 4.1X
LPAZ 18.17 13 P 56 16.80 -0.2
S.D. = 0.5 on 13 of 15 obs.

? JUN 18, 1994 13h 56m 06.33± 6.07s
34.034 S ±25.7km 72.139 W ±39.1km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.0 (SAN).

LNV 0.61 83 iP+ 56 19.27 0.7
iS 56 27.98
LCCH 0.73 41 iP+ 56 20.90 0.2
iS 56 31.73
TACH 1.07 70 iP 56 26.12 -0.4
CHCH 1.24 86 iPd 56 28.96 -0.4
CACH 1.28 94 iP+ 56 30.28 0.1
PCH 1.41 74 iP 56 32.27 0.1
ROCH 1.42 42 iP 56 31.92 -0.4
PEL 1.50 54 eP 56 33.34 0.0
iS 56 53.90
FCH 1.69 66 iP 56 36.09 -0.3
iS 56 59.80
JACH 1.87 44 iP 56 39.21 0.5
S.D. = 0.4 on 10 of 10 obs.

JUN 18, 1994 14h 26m 30.04± 0.79s
5.076 S ± 5.3km 152.344 E ± 6.4km
DEPTH = 69.4 ± 7.6 km
5.0mb (19 obs.)
NEW BRITAIN REGION, P.N.G. (192)

RAB 0.90 348 iPd 26 47.50 0.0
KVG 2.91 328 iPd 27 17.10 2.2
LAT 5.54 253 eP 27 52.50 0.6
PMG 6.70 230 eP 28 08.00 0.0
eS 29 22.00
HNR 8.69 120 eP 28 34.00 -1.5
eS 30 22.00
WWKK 8.81 279 e(P) 28 40.00 2.8X
BKM 19.96 130 iP 30 59.00 -0.4
GUMO 19.97 338 eP 30 57.00 -2.4
1.1s 99.70nm 5.1mb
e 31 02.80
PJG 19.97 338 eP 30 56.50 -3.0
NOUC 21.66 143 iPd 31 16.70 0.2
DZM 21.72 142 iPd 31 17.60 0.3
WRA 22.92 228 P 31 29.50 0.5
0.7s 17.00nm 4.6mb
KNA 25.47 244 eP 31 53.60 0.2
ASPA 25.64 222 P 31 55.50 0.4
0.7s 44.90nm 5.1mb
WARB 32.32 227 eP 32 54.70 -0.1
FORT 34.29 219 eP 33 11.00 -0.8
MBL 35.35 240 iPd 33 20.30 -0.7
0.6s 26.00nm 5.3mb
WOOL 38.71 224 eP 33 48.60 -0.4
NANU 39.58 240 eP 33 56.00 -0.4
0.5s 7.00nm 4.8mb
MRWA 41.92 231 eP 34 15.10 -0.5
0.6s 10.00nm 4.8mb
SDN 71.65 26 eP 37 44.50 -1.5
0.6s 32.99nm 5.4mb
KDC 76.65 27 eP 38 14.53 -0.3
0.7s 22.41nm 5.2mb
SVW 77.24 23 eP 38 18.69 0.5
0.7s 40.86nm 5.5mb
TTA 78.19 22 eP 38 23.53 0.2
0.8s 15.99nm 5.0mb
CP2 78.68 24 eP 38 25.64 -0.6
SLKM 79.11 25 eP 38 28.21 -0.2
PMR 80.12 24 eP 38 33.12 -0.6
0.7s 18.49nm 5.1mb
IMA 80.87 20 eP 38 38.50 0.7
0.8s 13.25nm 4.9mb
KLU 81.42 25 eP 38 41.26 0.6
TOA 81.60 25 eP 38 43.00 1.4
0.7s 106.50nm 5.9mb
FBA 82.31 22 eP 38 44.51 -0.6
0.7s 8.31nm 4.8mb
BALM 82.78 26 eP 38 47.97 0.2
SIT 84.75 32 eP 38 57.93 0.4
0.9s 9.87nm 4.9mb
SPA 84.95 180 eP 39 00.00 1.3
0.6s 1.63nm 4.3mb
INK 88.87 21 eP 39 18.50 1.0
1.0s 8.00nm 4.9mb
PLM 93.42 57 eP 39 40.79 1.3
MBC 94.49 14 eP 39 44.00 0.7
0.9s 4.00nm 4.8mb
YKA 95.88 28 eP 39 51.20 1.3
0.7s 3.00nm 4.9mb
Z 21s 0.09um 4.2Msz
LR 19 36.00
GEC2 124.05 328 PKP 45 37.30 15.0X
0.6s 0.64nm
e 58 00.40
LPAZ 134.69 119 PKP 45 50.40 6.2X
BAO 151.21 136 ePKP 46 18.30 6.4X
S.D. = 1.1 on 37 of 41 obs.

? JUN 18, 1994 14h 37m 03.82± 1.05s
43.159 S ±20.5km 171.517 E ±11.6km
DEPTH = 33.0km (normal)
4.4mb (3 obs.)
SOUTH ISLAND, NEW ZEALAND (162)

SNZO 3.00 53 eP 37 51.00 0.9
S 38 34.00
RIV 18.42 294 eP 41 21.30 3.2X
eTT 58 31.50
CNB 18.83 287 iPd 41 24.80 1.5
0.4s 11.00nm 4.4mb
eTT 57 36.00
CAN 19.08 287 iPd 41 26.90 0.6
eTT 57 45.00
BWA 19.96 288 iPd 41 34.20 -1.8
TOO 20.56 277 iPc 41 43.50 1.3
0.5s 21.00nm 4.8mb
DZM 21.45 347 iPd 41 55.30 3.9X
WRA 38.78 295 P 44 25.50 -1.5
0.9s 0.30nm 3.1mb X
SPA 47.03 180 iPd 45 34.10 0.4
0.8s 2.08nm 4.2mb
DAG 146.00 4 ePKP 56 38.00 -1.5
0.6s 4.00nm
KAF 152.14 325 iPKP 56 55.50 6.2X
0.6s 5.00nm
S.D. = 1.6 on 8 of 11 obs.

% JUN 18, 1994 14h 52m 26.10± 0.78s
40.793 N ± 7.2km 28.883 E ± 6.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

ISK 0.30 26 iPg 52 32.60 0.2
iSg 52 36.60
CTT 0.49 316 iPg 52 36.10 0.0
eSg 52 42.10
HRT 0.60 87 ePg 52 38.00 -0.2
KCT 0.68 217 ePg 52 40.00 0.5
BNT 0.85 240 iPg 52 42.10 -0.4
S.D. = 0.5 on 5 of 5 obs.

& JUN 18, 1994 14h 56m 57.66s
34.370 N 116.471 W
DEPTH = 1.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.7 (PAS), 2.7 (GS).

CSP 0.74 265 ePd 57 11.64 -0.7
PEC 0.74 230 ePc 57 11.65 -0.9
GSC 0.97 344 eP 57 16.43 -0.5
eS 57 29.65
SSK 1.02 261 eP 57 16.84 -1.1
eS 57 31.09
PLM 1.06 198 ePc 57 17.55 -1.1
eS 57 32.45
ISA 2.09 309 eP 57 35.50 1.2
TPNV 2.58 4 eP 57 38.38 -3.0
PHAM 3.54 296 eP 57 53.87 -1.0
8 obs. associated

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* JUN 18, 1994 14h 57m 45.81± 3.10s
33.977 S ±17.8km 72.023 W ±18.1km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 4.2 (SAN).

LNV 0.51 88 iP+ 57 57.32 1.2
iS 58 04.58
LCCH 0.63 37 iP+ 57 58.92 0.5
iS 58 08.74
TACH 0.96 71 iP 58 03.84 -0.2
iS 58 18.25
IHA 1.00 19 iPd 58 05.00 0.2
iS 58 18.90
CHCH 1.14 88 iP+ 58 06.86 -0.3
CACH 1.19 97 iP 58 08.12 0.0

```
SAN      1.25  66 iPd   58 08.93  -0.1
PCH      1.31  75 iP+   58 09.35  -0.7
                  iS    58 28.15
ROCH     1.31  40 iP    58 09.75  -0.5
                  iS    58 28.36
PEL      1.39  54 iP+   58 11.27   0.0
                  iS    58 31.37
FCH      1.58  66 iP+   58 14.11  -0.2
                  iS    58 37.27
JACH     1.76  43 iP    58 16.66   0.0
                  iS    58 41.91
LPB     17.73  12 eP    01 57.00   2.2
LPAZ    17.96  12 P     01 55.80  -2.1
     S.D. = 1.0  on  14 of  14 obs.
--------------------------------------
% JUN  18, 1994  15h 07m 34.89± 0.83s
   26.851 S ± 6.3km   26.727 E ±10.3km
   DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA        (584)
      ML 2.7 (PRE).

BFS      0.07 132 iPc   07 36.30  -0.4
                  S     07 37.80
KSR      0.99   9 eP    07 54.00  -0.3
                  S     08 02.50
SEK      1.67 152 eP    08 05.60   0.5
                  S     08 27.50
SLR      1.78  52 eP    08 07.10   0.4
                  S     08 29.20
BOSA     2.11 213 eP    08 11.70   0.5
                  S     08 38.60
BLF      2.30 192 eP    08 13.50  -0.7
                  S     08 40.40
     S.D. = 0.7  on    6 of   6 obs.
--------------------------------------
? JUN  18, 1994  15h 33m 14.13± 4.25s
   20.768 S ±21.1km  169.107 E ±52.6km
   DEPTH =   76.0 ± 31.0 km
   4.4mb (  1 obs.) 4.3Msz (  1 obs.)
 VANUATU ISLANDS                 (186)

DZM      2.80 242 iPc   33 57.40  -0.2
                  iS    34 32.60
NOUC     2.93 243 iPc   33 59.60   0.2
                  iS    34 35.70
BKM      3.19 345 iP    34 03.00   0.0
                  iS    34 40.00
SPA     69.36 180 iPc   44 15.50   0.0
     0.5s      2.31nm           4.4mb
BRG    144.17 333 iPKP  52 41.40  -1.2
     0.8s     14.00nm
                  i     52 52.40
CLL    144.24 334 iPKP  52 40.60  -2.1
     1.0s     10.00nm
PRU    144.56 331 ePKP  52 42.50  -0.8
                  e     52 53.50
ZST    144.57 327 ePKP  52 43.00  -0.3
MOX    145.31 335 ePKP  52 45.00   0.5
                  e     52 57.00
KHC    145.62 331 PKP   52 46.00   0.8
     1.0s      7.00nm
   Z  16s      0.50um         5.4MszX
                  e     52 57.40
GEC2   145.77 331 PKP   52 46.70   1.2
     0.7s      3.50nm
                  e     52 56.70
                  e     00 30.50
GRF    146.21 334 ePKP  52 47.90   1.8
   Z  31s      0.10um         4.4MszX
                  e     52 59.00
CDF    148.79 336 ePKP  52 54.50   4.1X
BSF    149.45 336 ePKP  52 56.10   4.7X
HAU    149.47 337 ePKP  52 56.10   4.8X
     0.8s      5.10nm
FLN    150.85 346 ePKP  52 58.80   5.5X
     0.7s      5.85nm
   Z  24s      0.13um         4.6MszX
LDF    150.92 345 ePKP  52 59.00   5.6X
     0.6s      2.80nm
LOR    150.98 339 ePKP  52 59.60   6.0X
     0.8s      4.05nm
   Z  21s      0.05um          4.3Msz
SSF    151.28 339 ePKP  53 00.40   6.4X
     0.6s      1.70nm
LPL    151.37 334 ePKP  53 01.10   6.6X
LPG    151.38 334 ePKP  53 01.20   6.6X
LPF    151.66 346 ePKP  53 01.00   6.5X
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         0.7s      5.20nm
TCF    152.38 340 ePKP  53 02.80   7.1X
         1.0s      4.60nm
RJF    153.48 340 ePKP  53 04.50   7.3X
         0.8s      2.30nm
     S.D. = 1.2  on  12 of  24 obs.
--------------------------------------
   JUN  18, 1994  15h 48m 01.32± 0.41s
   32.131 N ± 7.1km  131.840 E ± 5.5km
   DEPTH =  39.3km  (  3 depth phases)
   4.4mb (  8 obs.)
 KYUSHU, JAPAN                   (235)
     Felt (III JMA) at Miyazaki and
     (II JMA) at Hitoyoshi,
     Miyakonojo and Nobeoka.

KUMJ     0.95 295 iP+   48 19.40   1.1
                  S     48 32.90
KAGJ     1.24 221 iP+   48 22.90   0.4
                  S     48 39.60
SHNJ     2.08 343 P     48 35.60   1.1
                  S     49 00.50
TKSJ     2.62  45 P     48 42.00  -0.1
YONJ     3.34  24 P     48 52.50   0.2
WKYJ     3.77  55 P     48 57.90  -0.7
                  S     49 38.00
TSRJ     4.84  44 P     49 14.10   0.5
                  S     50 06.30
IIDJ     6.06  55 P     49 30.30  -0.6
MTMJ     6.64  46 P     49 39.00   0.0
MAT      6.86  48 iPd   49 41.50  -0.6
     0.4s     42.37nm          5.6mb X
                  eS    50 54.00
CHJJ     7.10  55 P     49 45.70   0.2
SSE      9.14 266 Pc    50 13.00  -0.7
     1.0s     20.00nm           5.2mb
   Z  20s      2.30um          4.2Msz
BJI     14.91 306 eP    51 30.00  -1.0
   Z  16s      0.94um
   E  14s      1.01um
LEM     45.10 215 iPd   56 16.50   0.6
WRA     51.83 177 P     57 06.30  -1.4
     0.8s      3.60nm           4.4mb
WRA     51.83 177 P     57 20.90  13.2X
     2.2s      3.50nm
IMA     54.84  29 eP    57 29.60  -0.1
KDC     55.99  39 eP    57 37.30  -0.5
PMR     57.18  34 eP    57 45.20  -1.1
FBA     57.36  30 eP    57 47.63   0.0
INK     62.24  25 eP    58 20.50  -0.5
     1.0s      2.00nm           4.2mb
MBC     63.35  15 eP    58 27.50  -0.8
NB2     75.40 334 P     59 39.80  -2.7
     0.6s      0.80nm           3.9mb
GMW     76.29  42 (P)   59 48.67   0.9
GEC2    82.36 324 P     00 16.40  -4.1X
     0.6s      0.43nm           3.6mb
LRM     83.05  39 eP    00 24.10  -0.2
FRB     83.09   9 eP    00 23.50  -0.3
     0.6s      2.00nm           4.4mb
TNP     85.08  48 eP    00 35.49   0.8
     0.8s     11.48nm           5.1mb
                  epP   00 46.95  37km
DUG     86.44  44 eP    00 42.53   1.2
     0.8s      3.28nm           4.6mb
                  epP   00 54.80  40km
MSU     87.90  45 eP    00 50.16   1.6
                  epP   01 02.57  41km
PV09    89.71  43 (P)   00 58.05   0.8
PV10    89.85  43 eP    00 58.96   1.2
PV08    89.94  43 eP    00 58.97   0.6
LPAZ   155.97  54 PKP   08 05.20  11.4X
     S.D. = 1.0  on  31 of  34 obs.
--------------------------------------
% JUN  18, 1994  15h 54m 20.09± 0.68s
   28.027 S ± 6.8km   26.828 E ± 7.5km
   DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA        (584)
      ML 2.6 (PRE).

SEK      0.76 113 eP    54 35.00  -0.5
                  S     54 45.70
BLF      1.22 207 iPd   54 43.20  -0.1
                  S     54 59.70
BOSA     1.38 245 eP    54 46.90   1.0
                  S     55 05.80
SWZ      1.58 302 eP    54 47.90  -1.0
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                  S     55 06.60
KSR      2.15   2 eP    54 57.00  -0.3
                  S     55 24.00
FRS      2.17 217 eP    54 57.20  -0.1
                  S     55 23.00
SLR      2.63  30 eP    55 05.00   1.0
                  S     55 36.00
NWL      2.78  84 eP    55 14.70   8.4X
                  S     55 50.80
     S.D. = 0.9  on   7 of   8 obs.
--------------------------------------
? JUN  18, 1994  16h 01m 35.64± 5.78s
   34.116 S ±24.1km   72.243 W ±39.0km
   DEPTH =  10.0km  (geophysicist)
 NEAR COAST OF CENTRAL CHILE     (135)
      MD 3.5 (SAN).

LNV      0.71  77 iP+   01 50.10   0.5
                  iS    01 58.93
LCCH     0.85  41 iP+   01 51.79  -0.2
                  iS    02 02.02
CHCH     1.33  83 iP    01 59.78  -0.5
CACH     1.36  90 iP    02 01.05   0.3
                  iS    02 20.44
PCH      1.52  72 iP    02 02.29  -0.7
                  iS    02 22.17
ROCH     1.54  42 iP    02 02.81  -0.5
                  iS    02 22.74
PEL      1.62  54 iPd   02 05.15   0.7
                  iS    02 24.85
FCH      1.81  65 iPd   02 07.31  -0.1
JACH     1.99  44 iP    02 10.28   0.5
                  iS    02 35.35
     S.D. = 0.6  on   9 of   9 obs.
--------------------------------------
& JUN  18, 1994  16h 49m 01.58s
   61.404 N           149.112 W
   DEPTH =  37.2km
 SOUTHERN ALASKA                  (  2)
      <AEIC>. ML 2.6 (AEIC).

PLRM     0.19 357 iP    49 08.19  -0.3
                  eS    49 13.69
PMR      0.19 357 iPd   49 07.86  -0.6
PMS      0.27 234 P     49 09.10  -0.3
                  S     49 15.10
KNK      0.32  88 iP    49 09.23  -0.6
GHO      0.38  14 eP    49 10.12  -0.6
PWA      0.44 304 P     49 11.00  -0.4
                  S     49 18.40
PTE      0.54 175 eP    49 12.06  -0.7
                  eS    49 20.91
SML      0.55  42 eP    49 12.01  -1.0
                  eS    49 20.91
SUA      0.79 275 eP    49 15.83  -0.5
                  eS    49 27.36
MPA      0.93 188 eP    49 17.15  -1.1
SLKM     1.05 212 eP    49 19.52  -0.5
CUT      1.14 332 eP    49 21.00  -0.3
NKA      1.23 238 eP    49 24.42   1.9
SKT      1.29 298 iP    49 23.25  -0.2
SEW      1.32 187 eP    49 23.38  -0.4
VLZ      1.37 100 eP    49 23.87  -0.6
SPU      1.44 262 eP    49 25.54   0.0
CKN      1.49 264 eP    49 27.01   0.7
CKT      1.51 264 eP    49 26.90   0.3
CP2      1.52 266 eP    49 26.57  -0.3
                  eS    49 47.25
KLU      1.54  85 eP    49 26.24  -0.8
BKG      1.56 259 eP    49 27.33  -0.1
TOA      1.57  62 P     49 27.80   0.3
CKL      1.57 264 eP    49 28.18   0.6
BGL      1.59 266 eP    49 27.97   0.2
HUR      1.60 351 eP    49 28.56   0.7
HIN      1.63 127 eP    49 27.92  -0.4
NNL      1.74 219 eP    49 30.87   1.0
CVA      1.85 116 eP    49 32.19   0.7
DHY      1.87  25 eP    49 32.05   0.2
TZL      1.87  68 eP    49 32.20   0.4
DFR      1.92 246 eP    49 32.74   0.2
REF      1.98 244 eP    49 33.39  -0.1
RND      2.01   3 eP    49 34.17   0.3
RSO      2.01 244 eP    49 34.51   0.5
RS2      2.01 244 eP    49 34.42   0.4
SDG      2.03  55 eP    49 34.43   0.4
CNPM     2.16 210 eP    49 36.04   0.2
KTH      2.32 340 eP    49 39.30   1.1
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PAX 2.32 46 eP 49 38.75 0.5
MCK 2.34 2 eP 49 39.17 0.7
GLB 2.55 87 eP 49 40.52 -1.0
SVW 3.16 267 eP 49 48.58 -1.6
BALM 3.29 93 eP 49 50.70 -1.4
FBA 3.56 9 (P) 49 57.41 1.6
45 obs. associated

JUN 18, 1994 16h 55m 20.82± 0.69s
15.936 N ± 6.6km 119.806 E ± 9.8km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
LUZON, PHILIPPINE ISLANDS (249)

BAG 0.88 57 iPc 55 36.20 -0.8
SZP 1.72 21 iPd 55 49.00 0.1
QCP 1.78 136 eP 55 54.00 4.2X
PIP 2.50 18 iPc 56 00.20 0.1
iS 56 34.80
CVP 2.61 47 ePd 56 01.90 0.3
eS 56 42.00
PGP 2.66 155 eP 56 03.80 1.4
eS 56 33.00
GQP 3.25 128 eP 56 11.00 0.3
iS 56 53.50
BBP 4.93 24 ePd 56 33.00 -1.5
PPR 6.21 190 iPd 56 51.00 -1.6
HKC 8.27 321 iP 57 21.20 -0.3
iS 58 47.60
BJI 24.22 353 eP 00 38.00 2.4
1.0s 6.00nm 4.1mb
MAIO 56.92 303 iPd 05 06.00 0.5
KAF 77.69 331 eP 07 08.30 -7.2X
NB2 84.89 332 P 07 52.60 -0.9
1.0s 4.10nm 4.6mb
S.D. = 1.3 on 12 of 14 obs.

JUN 18, 1994 17h 25m 35.90± 0.43s
47.980 N ± 3.9km 7.675 E ± 3.5km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.4 (LDG), 1.7 (STR).

FEL 0.25 114 Pg 25 41.46 0.2
Sg 25 45.10
MOF 0.39 251 Pg 25 44.10 0.2
Sg 25 49.44
ECH 0.42 304 Pg 25 44.54 0.1
Sg 25 50.07
WLS 0.48 334 Pg 25 45.97 0.2
Sg 25 51.14
CDF 0.51 328 Pg 25 46.12 -0.1
BBS 0.53 192 Pg 25 46.57 0.0
SLE 0.59 111 iPc 25 47.60 -0.3
BSF 0.61 256 Pg 25 48.13 -0.2
Sg 25 55.91
ZLA 0.69 136 ePd 25 49.70 0.1
LOMF 0.85 223 Pg 25 52.53 0.2
Sg 26 04.07
HAU 0.89 272 Pg 25 52.70 -0.3
Sg 26 03.00
LOR 2.68 256 Pg 26 25.90 6.1X
Sg 26 59.70
LBF 2.70 250 Pg 26 26.70 6.5X
Sg 27 00.20
S.D. = 0.2 on 11 of 13 obs.

? JUN 18, 1994 17h 49m 08.16± 5.67s
34.058 S ±26.8km 70.060 W ±33.1km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CACH 0.45 262 iP+ 49 17.39 0.0
iS 49 24.05
CHCH 0.51 284 iP+ 49 18.58 0.1
iS 49 25.95
PCH 0.58 319 iPd 49 19.82 -0.1
iS 49 28.23
FCH 0.75 345 iP+ 49 23.12 0.0
iS 49 34.07
LNV 1.13 275 iP 49 29.03 -0.2
iS 49 44.20
LCCH 1.39 294 iPd 49 33.75 0.3
iS 49 52.25
S.D. = 0.2 on 6 of 6 obs.

? JUN 18, 1994 18h 02m 22.72± 0.92s
18.301 S ±27.6km 177.738 W ±23.7km
DEPTH = 500.0km (geophysicist)
4.6mb (5 obs.)
FIJI ISLANDS REGION (181)

CNB 33.70 233 iPc 08 24.10 1.2
0.2s 12.00nm 5.1mb
CAN 33.98 233 iPc 08 26.90 1.7
BWA 34.11 235 iPc 08 25.80 -0.6
TOO 37.42 232 eP 08 55.30 1.6
WRA 45.19 260 P 09 56.50 0.5
0.5s 8.60nm 4.5mb
FORT 50.42 245 eP 10 34.00 -1.3
WARB 51.75 251 iPc 10 44.90 -0.4
0.4s 13.00nm 4.6mb
WOOL 55.88 244 iPd 11 12.90 -1.6
MBL 58.50 256 eP 11 31.20 -1.4
0.4s 13.00nm 4.7mb
SPA 71.81 180 iPc 12 54.00 -1.4
0.6s 6.50nm 4.3mb
ALQ 85.84 51 P 14 10.50 0.4
FBA 86.05 12 eP 14 09.60 -0.6
GEC2 148.15 346 PKP 21 10.70 1.8
0.8s 0.86nm
S.D. = 1.4 on 13 of 13 obs.

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* JUN 18, 1994 18h 14m 34.06± 1.63s
39.806 N ±10.6km 8.148 W ±19.7km
DEPTH = 10.0km (geophysicist)
PORTUGAL (376)

MTE 0.76 38 eP 14 48.50 -0.4
S 14 58.00
MOE 1.29 187 iPc 14 58.00 0.0
S 15 15.00
MVO 1.60 32 iPd 15 02.60 0.0
S 15 22.40
PAB 2.94 94 ePg 15 21.00 -0.8
eSn 15 50.00
eSg 15 55.00
GUD 3.17 73 eP 15 26.14 1.1
eS 15 56.40
EBAN 3.77 114 eP 15 35.93 2.3X
eS 16 13.60
S.D. = 1.0 on 5 of 6 obs.

% JUN 18, 1994 18h 38m 01.22± 0.62s
26.896 S ± 6.2km 26.768 E ± 6.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.0 (PRE).

BFS 0.02 100 iPd 38 02.70 0.3
S 38 03.20
KSR 1.03 6 eP 38 21.50 0.2
S 38 34.00
SWZ 1.32 257 eP 38 26.00 -0.2
S 38 43.60
SEK 1.61 152 eP 38 30.40 -0.2
S 38 50.10
SLR 1.78 50 iPd 38 32.60 -0.4
S 38 54.00
BOSA 2.09 215 eP 38 38.00 0.7
S 39 05.00
BLF 2.26 193 eP 38 39.50 -0.5
S 39 10.00
BFT 3.18 68 eP 39 01.50 8.5X
S 39 39.50
S.D. = 0.5 on 7 of 8 obs.

% JUN 18, 1994 20h 42m 46.20± 2.46s
38.999 N ±11.2km 30.569 E ±23.2km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 3.0 (ISK).

KHL 1.06 231 ePg 43 06.70 0.0
eSg 43 19.20
GPA 1.30 351 ePg 43 11.00 0.2
IZI 1.58 328 ePn 43 15.00 0.0
EYL 1.60 349 ePn 43 15.50 0.2
YLV 1.82 330 ePn 43 18.00 -0.4
HRT 1.95 339 ePn 43 20.00 -0.3
KCT 2.12 307 ePn 43 23.00 0.3
EDC 2.48 304 ePn 43 28.00 0.0
S.D. = 0.3 on 8 of 8 obs.

? JUN 18, 1994 21h 12m 11.27± 6.01s
32.561 S ±35.0km 71.898 W ±31.8km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.4 (SAN).

ROCH 0.85 119 iPd 12 27.77 -0.1
iS 12 37.20
LCCH 0.95 163 iP+ 12 29.13 -0.3
iS 12 39.87
JACH 1.11 97 iP+ 12 32.15 0.0
iS 12 45.19
PEL 1.17 120 iP+ 12 33.06 -0.2
iS 12 46.73
LNV 1.45 164 iP 12 37.03 -0.5
iS 12 53.31
FCH 1.55 120 iP+ 12 39.00 -0.3
iS 12 57.43
PCH 1.57 133 iPd 12 39.18 -0.2
iS 12 58.33
CHCH 1.72 143 iPd 12 41.44 0.0
CACH 1.89 145 iP+ 12 45.43 1.4
S.D. = 0.6 on 9 of 9 obs.

JUN 18, 1994 22h 17m 24.16± 0.88s
37.887 N ± 8.6km 137.731 E ± 8.8km
DEPTH = 10.0km (geophysicist)
4.1mb (2 obs.)
NEAR WEST COAST OF HONSHU, JAPAN(226)
Felt (I JMA) at Wajima.

NIIJ 1.20 122 P 17 45.60 -0.9
S 18 01.70
MTMJ 1.30 177 P 17 47.80 -0.5
MAT 1.40 164 eP 17 48.00 -1.7
eS 18 08.00
YAMJ 1.84 80 eP 17 57.20 1.1
eS 18 23.20
CHJJ 2.10 151 P 17 59.90 0.2
IIDJ 2.41 176 P 18 05.10 0.8
KAKJ 2.58 130 P 18 08.50 1.9
TSRJ 2.73 211 P 18 10.40 1.5
OFUJ 3.31 68 eP 18 17.10 0.0
eS 19 08.00
AOMJ 3.37 37 eP 18 17.50 -0.3
WKYJ 4.05 206 eP 18 26.20 -1.3
WKYJ 4.05 206 P 18 31.70 4.2X
YONJ 4.37 233 P 18 31.30 -0.7
TKSJ 4.91 219 P 18 42.20 2.5
IMA 47.46 31 P 26 00.40 -0.2
1.0s 5.00nm 4.6mb
WRA 57.61 184 P 27 14.20 -2.4
1.0s 0.80nm 3.7mb
S.D. = 1.5 on 15 of 16 obs.

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* JUN 18, 1994 22h 29m 02.70± 0.64s
34.057 N ± 7.2km 5.106 W ± 9.6km
DEPTH = 33.0km (normal)
MOROCCO (395)
MD 3.7 (RBA).

IFR 0.54 182 iPg 29 15.00 1.0
i 29 17.00
iSg 29 25.00
i 29 28.00
RBA 1.44 269 iPn 29 25.50 -1.2
i 29 26.50
iSn 29 42.50
i 29 45.00
AVE 2.07 249 iPn 29 35.20 -0.6
i 29 38.00
eSn 29 58.00
i 30 01.50
PLAT 2.13 346 eP 29 44.00 7.4X
EMEL 2.16 54 eP 29 39.70 2.6X
MOMI 2.32 348 eP 29 47.00 7.7X
TAF 2.35 70 iPn 29 38.00 -1.9
iSn 30 03.00
i 30 24.00
EJIF 2.41 353 eP 29 47.70 7.1X
eS 30 06.30
ALJ 2.64 351 eP 29 51.00 7.0X
EGUA 3.04 24 eP 29 49.40 -0.2
eS 30 12.00
ERON 3.14 19 eP 29 51.50 0.4
eS 30 14.50
ELOJ 3.18 14 eP 29 53.80 2.2

18d 22h

```
                eS      30 16.50
ECOG     3.45  21 eP    29 55.80    0.3
                eS      30 22.70
ELUQ     3.56  11 eP    29 57.50    0.4
                eS      30 28.00
TIO      3.61 211 iPn   29 58.50    0.6
                i       30 08.00
                iSn     30 39.00
                i       30 42.00
EHOR     3.76 358 eP    30 03.00    3.3X
                eS      30 36.80
EBAN     4.24  14 eP    30 06.00   -0.6
EVIA     5.03  24 eP    30 17.50   -0.5
PAB      5.51   6 ePg   30 48.00   23.3X
                eSg     31 19.00
GEC2    20.34  38 P     33 35.00   -3.8X
     0.5s    0.62nm          3.2mb
                e       33 37.30
                e       41 25.30
                e       41 32.80
    S.D. = 1.2 on 12 of 20 obs.
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  JUN 18, 1994 22h 38m 19.00± 0.23s
  10.150 S ± 5.2km  113.632 E ± 5.5km
  DEPTH = 46.0km  ( 2 depth phases)
  5.6mb ( 34 obs.)  5.0Msz ( 12 obs.)
 SOUTH OF JAWA, INDONESIA        (282)
     Mw 5.5 (HRV).
     CENTROID, MOMENT TENSOR     (HRV)
     Data Used: GDSN
     L.P.B.: 29S, 46C
     Centroid Location:
     Origin Time       22:38:17.8 0.5
     Lat 10.33S  FIX;Lon 113.68E  FIX
     Dep  25.0 3.1 Half-duration  1.3
     Moment Tensor;   Scale 10**17 Nm
       Mrr=-0.91 0.06  Mtt= 0.67 0.05
       Mff= 0.24 0.09  Mrt= 1.86 0.23
       Mrf=-1.02 0.15  Mtf= 0.04 0.06
      Principal Axes:
       T  Val=  2.07   Plg=35  Azm= 22
       N        0.37       5       116
       P       -2.44      54       213
     Best Double Couple:Mo=2.2*10**17
      NP1:Strike= 88 Dip=11 Slip=-119
      NP2:       297     80      -85
TRT      2.62 338 iPc   39 01.60    1.7
KHKI     2.64  48 ePd   39 02.00    1.9
                eS      39 34.10
                e       50 12.00
SJI      3.03 322 iPc   39 04.80   -0.8
                eS      39 43.20
LEM      6.80 299 ePc   39 58.00   -1.0
                iS      41 21.00
MKS      7.58  50 iPc   40 10.00    0.3
MBL     12.47 152 eP    41 04.20  -12.2X
     0.3s    43.00nm
                eS      43 08.00
NANU    12.48 172 eP    41 04.50  -12.0X
                eS      43 12.00
TSM     14.96  17 eP    41 51.00    1.8
KGM     15.86 319 ePc   41 59.00   -1.8
MRWA    19.10 174 iPc   42 31.90   -9.0X
                eS      45 44.00
IPM     19.28 319 ePd   42 42.20   -0.8
     0.9s    60.10nm         4.9mb
                e       46 30.00
WARB    20.15 144 eP    42 47.50   -4.7X
                eS      46 17.00
PPR     20.43  15 iPc   42 56.00    0.8
BAL     20.55 172 eP    42 51.00   -5.4X
                eS      46 24.00
DAV     20.85  35 eP    42 54.80   -4.7X
                eS      46 40.80
KLB     21.68 170 eP    43 02.00   -5.7X
                eS      46 49.00
COOL    21.78 162 eP    43 04.00   -4.8X
                e       43 09.00
                eS      46 49.00
WOOL    22.15 161 eP    43 06.50   -5.9X
                eS      46 58.30
BIP     22.16  35 eP    43 14.50    1.9
WRA     22.22 118 P     43 10.60   -2.6
     0.9s    32.80nm         4.8mb
NWAO    22.91 172 eP    43 15.80   -4.1X
   Z  20s    1.50um          4.4Msz
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                        eS     47 17.00
ASPA     23.55 127 P     43 24.60   -1.7
         0.7s   170.70nm          5.6mb
RKG      24.50 173 eP    43 33.00   -2.3
FORT     24.52 149 eP    43 32.00   -3.6X
         0.6s    53.00nm          5.3mb
PGP      24.60  17 ePc   43 37.80    1.4
QCP      25.71  17 eP    43 56.00    9.2X
NNT      26.47 328 iPc   43 53.60   -0.3
BAG      27.27  15 eP    43 48.00  -13.4X
NST      28.93 332 eP    44 15.60   -0.6
LOE      29.80 337 eP    44 22.50   -1.5
CHTO     32.22 333 ePc   44 44.70   -0.6
         1.2s   103.47nm          5.6mb
                        eS     49 56.80
CTA      32.95 111 P     44 52.40    0.8
PMG      33.04  92 eP    44 54.00    1.5
ADE      33.67 141 eP    44 55.60   -2.2
KMI      36.63 343 ePc   45 22.20   -1.1
         1.4s   270.00nm          6.0mb
      Z  14s      5.40um          5.5MszX
      N  14s      4.30um
      E  14s      2.80um
                        pP     45 35.50   50km
                        sP     45 39.00
                        PP     46 50.00
                        S      51 06.00
                        sS     51 20.00
GUMO     38.95  53 eP    45 40.00   -2.6
         0.7s   297.00nm          6.2mb
PJG      38.95  53 eP    45 40.50   -2.1
GUA      38.96  53 eP    45 40.80   -1.9
         1.0s   336.00nm          6.1mb
TOO      39.58 139 iPc   45 47.70    0.0
         1.0s    98.00nm          5.6mb
CAN      40.77 134 iPc   45 57.10   -0.4
CNB      41.03 133 eP    45 59.00   -0.7
SSE      41.64  10 Pd    46 05.50    1.0
         1.0s   177.00nm          5.7mb
      Z  18s      2.30um          5.1Msz
                        S      52 16.00
GBA      42.98 303 P     46 13.10   -2.6
         0.6s     5.00nm          4.4mb X
HYB      44.18 308 eP    46 24.00   -1.5
HNR      45.62  93 ePc   46 37.00    0.0
LZH      46.90 349 eP    46 46.00   -1.0
         2.0s   202.00nm          5.7mb
      Z  14s      3.41um          5.5MszX
      N  14s      2.71um
                        pP     46 53.50   25kmX
                        sP     46 57.00
                        PcP    48 20.50
                        PP     48 38.00
                        ScP    52 13.50
                        S      53 35.00
                        sS     53 50.00
                        ScS    56 41.00
                        SS     56 54.00
TKSJ     47.99  23 P     46 54.70   -0.7
POO      48.51 306 eP    47 02.00    2.3
WKYJ     48.80  24 P     47 01.10   -0.6
YONJ     48.84  22 P     47 00.60   -1.3
BJI      49.99   3 eP    47 10.00   -0.6
         2.0s    96.00nm          5.5mb
      Z  20s      1.81um          5.1Msz
      N  17s      1.58um
                        eS     54 20.00
                        eSS    57 50.00
TSRJ     50.11  24 P     47 14.10    2.5
IIDJ     50.85  26 P     47 15.90   -1.5
CHJJ     51.80  26 P     47 22.70   -1.8
DZM      51.87 110 iPc   47 25.20   -0.2
MAT      51.88  25 eP    47 23.00   -2.2
         1.4s   116.28nm          5.7mb
      Z  20s      1.06um          4.9Msz
                        eS     54 40.00
NDI      52.23 319 eP    47 26.00   -1.8
BKM      53.39 104 iPc   47 38.50    1.9
YAMJ     54.04  26 eP    47 40.30   -0.7
OFUJ     55.50  26 eP    47 50.40   -1.3
VLA      55.57  16 iPc   47 53.00    0.9
         1.8s   206.00nm          5.9mb
                        iS     55 37.00
                        ePS    55 51.00
                        i      57 41.00
                        eSS    59 15.00
CSY      56.10 182 P     48 03.00    7.3X
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HOOJ     58.91  25 eP    48 15.10   -0.7
ASAJ     60.09  24 eP    48 22.40   -1.4
KUSJ     60.10  26 eP    48 22.70   -1.2
ZAK      60.95 352 iPc   48 29.00   -0.6
         1.4s    39.00nm          5.3mb
                        eS     56 46.00
                        e      58 18.00
YSS      62.54  22 eP    48 38.00   -2.4
         1.0s    60.00nm          5.7mb
                        e      50 56.00
                        eSS    01 09.00
IRK      62.68 354 eP    48 40.20   -1.0
         1.6s    38.00nm          5.3mb
      Z  14s      1.41um          5.3MszX
      N  14s      1.00um
      E  18s      0.87um
                        e      48 48.50
                        e      51 02.00
                        eS     57 08.00
AAA      62.80 331 eP    48 41.00   -1.2
      Z  14s      1.00um          5.1MszX
      N  14s      0.40um
      E  14s      1.10um
                        e      51 08.00
                        eS     57 09.00
                        SS     58 28.00
CRZF     63.35 223 eP    48 48.00    2.2
                        iS     57 36.00
MAW      66.40 199 P     49 03.70   -1.4
BOD      67.76   0 eP    49 13.10   -0.7
MAIO     68.73 315 eP    49 20.00   -0.4
                        eS     58 20.00
ASH      70.36 316 eP    49 31.00    0.8
KAT      72.40 317 eP    49 47.50    5.1X
                        e      59 01.50
BRVK     72.99 334 iPc   49 45.00   -0.6
         1.4s    72.00nm          5.4mb
      Z  22s      0.69um          4.9Msz
      N  23s      0.70um
      E  23s      0.60um
                        eS     59 08.00
YAK      73.03   8 iPc   49 45.00   -0.7
         1.5s   287.00nm          6.0mb
      Z  18s      1.10um          5.2Msz
      N  18s      0.80um
                        i      50 02.00
                        e      52 24.00
                        ePPP   54 11.00
                        iS     59 08.00
                        e      59 43.00
                        iPS    59 50.00
PET      73.68  26 eP    49 49.00   -0.6
         1.2s   100.00nm          5.6mb
                        eS     59 20.00
                        eSS    03 56.00
NAI      76.81 271 iPc   50 10.50    1.9
      Z  20s      1.24um          5.2Msz
KER      76.93 309 eP    50 06.00   -2.8
BAK      77.30 315 iPc   50 11.00    0.6
                        iS     59 51.00
TAB      78.91 312 eP    50 19.00   -0.6
SVE      79.65 333 ePc   50 23.00    0.1
         2.5s   125.00nm          5.4mb
      Z  20s      1.30um          5.3Msz
      N  20s      0.70um
      E  20s      0.80um
                        iS     00 23.00
                        ePS    01 08.00
                        eSS    05 38.00
SPA      79.91 180 eP    50 22.00   -2.5
         1.0s    11.50nm          4.8mb
      Z  17s      0.37um          4.8MszX
BFT      79.94 246 eP    50 26.00    0.5
         0.7s    16.00nm          5.1mb
MAK      80.07 317 eP    50 34.00    8.5X
      Z  18s      0.50um          4.9Msz
      N  18s      0.50um
      E  18s      0.60um
GRO      81.38 317 eP    50 35.00    2.6
                        eS     00 44.00
SLR      81.51 245 iPc   50 33.00   -0.7
         0.9s    66.00nm          5.6mb
GRM      82.07 238 iPc   50 38.00    1.7
         1.3s   100.00nm          5.7mb
BLF      82.93 242 eP    50 39.50   -1.5
PYA      83.40 317 eP    50 44.00    1.1
                        eS     01 01.00
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FRS 83.59 241 eP 50 44.10 0.0
KIV 83.62 317 iP 50 46.00 1.9
e 50 53.40
i 01 04.10
BOSA 83.66 242 eP 50 44.00 -0.5
ADK 85.73 36 eP 50 54.54 0.2
0.9s 16.67nm 5.2mb
ANN 87.58 316 eP 51 14.00 10.5X
eS 01 28.00
e 01 41.00
SNA 88.93 198 iPc 51 08.30 -1.3
0.5s 21.00nm 5.7mb
MOS 90.56 327 eP 51 20.00 2.7
e 02 11.00
e 03 17.00
OBN 90.93 326 eP 51 20.00 1.0
1.6s 40.00nm 5.6mb
Z 24s 1.20um 5.3MszX
N 24s 0.50um
E 24s 0.70um
e 51 34.40
e 01 44.00
e 02 12.00
e 03 20.00
e 08 20.00
ILT 91.17 20 iPc 51 20.00 0.1
1.5s 25.00nm 5.4mb
ipP 51 32.80 42km
i 01 50.00
iS 02 20.00
WIN 92.11 247 iPc 51 27.50 2.0
1.0s 46.00nm 5.9mb
LVZ 95.21 338 (P) 51 50.30 11.7X
e 57 46.80
e 02 11.30
(PS) 04 25.50
e 13 04.30
BCAO 95.78 273 iPc 51 50.30 8.0X
0.8s 21.00nm 5.7mb
SDN 95.92 35 eP 51 41.85 -0.1
0.8s 52.34nm 6.1mb
KAF 97.64 332 iP 51 51.30 1.7
0.7s 5.50nm 5.2mb
IMA 100.29 24 ePdiff52 02.04 0.3
1.2s 4.90nm 4.9mb
BALM 105.61 29 (Pdiff52 29.40 3.9X
GRF 105.70 319 ePKP 56 40.30 1.3
Z 21s 0.50um 5.0Msz
LBF 110.75 316 ePKP 56 50.50 1.8
1.1s 4.90nm
LOR 110.80 317 ePKP 56 48.10 -0.6
0.9s 3.75nm
Z 21s 0.40um 5.0Msz
SSF 111.06 317 ePKP 56 48.70 -0.5
0.8s 5.50nm
BGF 111.58 316 ePKP 56 50.00 -0.2
0.8s 7.50nm
TCF 112.06 316 ePKP 56 50.70 -0.5
0.9s 3.10nm
CAF 112.35 314 ePKP 56 56.80 5.0X
1.1s 6.60nm
LSF 112.53 316 ePKP 56 52.20 0.2
0.9s 3.60nm
LDF 113.22 319 ePKP 56 52.60 -0.6
0.8s 3.10nm
FLN 113.42 319 ePKP 56 53.00 -0.6
1.0s 9.40nm
RES 113.49 8 ePKP 56 54.50 1.5
LPF 113.93 318 ePKP 56 54.90 0.2
1.0s 12.40nm
KIC 118.97 272 PKP 57 05.40 0.1
0.7s 5.50nm
LIC 119.23 271 PKP 57 05.68 -0.1
0.9s 15.00nm
Z 20s 0.68um 5.3Msz
TIC 119.28 272 PKP 57 05.18 -0.7
0.7s 7.00nm
LON 120.74 41 ePKP 57 09.06 1.3
LBFM 122.33 47 ePKP 57 11.51 0.3
NEW 123.13 38 ePKP 57 12.93 0.7
KVN 125.78 49 ePKP 57 18.37 0.4
TNP 126.73 50 (PKP) 57 18.81 -1.0
LRM 127.06 39 ePKP 57 21.00 0.7
e 57 28.70
HHAI 128.23 42 ePKP 57 24.33 1.9
HVU 128.61 44 ePKP 57 24.20 1.0
DUG 129.21 46 ePKP 57 25.11 0.7

ARUT 129.65 49 (Pdiff54 15.62 2.4
MSU 130.31 48 ePKP 57 28.81 2.1
BW06 130.32 41 ePKP 57 27.66 1.1
SKP 00 49.68
SRU 131.27 46 ePKP 57 29.60 1.2
PV09 132.51 46 ePKP 57 33.54 2.6
GOL 134.56 43 ePKP 57 36.18 1.4
SKP 01 05.59
ALQ 135.94 50 ePKP 57 37.82 0.4
SKP 01 09.34
LTX 140.28 56 ePKP 57 37.16 -8.3X
WMOK 141.61 45 ePKP 57 44.39 -3.2X
TUL 142.98 41 iPKPd 57 48.50 -1.4
CBM 143.31 2 ePKP 57 48.04 -2.0
TYS 144.39 34 ePKP 57 50.23 -2.0
FVM 144.86 34 ePKP 57 51.44 -1.6
RSNY 145.01 10 ePKP 57 51.87 -1.2
TYNO 145.13 17 PKP 57 52.81 -0.5
MIAR 145.25 41 ePKP 57 47.10 -6.7X
e 57 53.82
LBNH 145.70 7 ePKP 57 52.15 -2.1
YSNY 146.08 16 ePKP 57 55.61 0.6
ITR 146.43 237 ePKP 57 56.00 -0.3
i 57 57.70
GRT 146.64 35 ePKP 57 58.90 2.9
BINY 146.98 13 ePKP 57 58.02 1.6
HRV 147.45 7 ePKP 57 59.04 1.9
LSCT 148.02 10 ePKP 57 57.95 -0.1
GPD 148.43 12 ePKP 57 58.51 -0.3
BAO 148.58 216 ePKP 58 00.40 0.6
GMTN 148.62 11 iPKP 58 04.50 5.5X
MOCB 148.79 181 PKP 58 02.10 1.6
NAV 149.98 23 ePKP 58 02.89 1.6
BLA 150.22 23 ePKP 58 03.36 1.7
CVL 150.23 19 ePKP 58 03.25 1.7
ePKPbc58 08.22
CEH 151.89 22 ePKP 58 05.56 1.4
ePKPbc58 10.53
JSC 152.38 27 ePKP 58 06.07 1.2
CCH 152.64 180 PKPc 58 15.00 8.9X
LPB 153.43 176 PKP 58 17.00 9.6X
SIV 153.50 191 PKP 58 07.70 0.7
SGS 153.63 27 (PKP) 58 06.50 -0.1
LPAZ 153.68 176 PKP 58 16.60 8.6X
S.D. = 1.4 on 140 of 168 obs.

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* JUN 18, 1994 23h 12m 03.57± 0.99s
36.011 N ±11.1km 140.475 E ±10.3km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Mito and
Utsunomiya.

KAKJ 0.31 309 P 12 16.30 4.9X
S 12 22.00
CHJJ 1.20 272 P 12 24.60 0.5
S 12 36.70
NIIJ 1.71 316 P 12 30.80 -0.6
S 12 48.90
MAT 1.91 287 (P) 12 33.00 -1.4
eS 12 51.00
IIDJ 2.15 256 P 12 40.80 2.9X
S 13 04.00
YAMJ 2.19 351 P 12 39.20 0.9
eS 13 04.40
MTMJ 2.23 286 P 12 39.00 0.0
OFUJ 3.21 17 P 12 54.00 1.2
eS 13 29.90
TSRJ 3.68 264 P 13 01.00 1.5
WKYJ 4.38 247 P 13 11.00 1.4
AOMJ 4.54 359 eP 13 14.00 2.2
TKSJ 5.65 251 P 13 27.90 0.5
YONJ 5.77 264 P 13 29.80 0.6
HOOJ 6.73 18 eP 13 44.00 1.5
eS 14 55.10
KUSJ 7.80 24 eP 13 55.40 -2.1
eS 15 17.20
ASAJ 8.27 11 eP 14 04.60 0.6
WRA 55.95 187 P 21 42.20 1.3
0.6s 1.30nm 4.1mb
GBA 60.38 265 P 22 10.00 -2.1
NB2 74.83 337 P 23 39.30 -2.9
0.5s 2.00nm 4.4mb
LRM 75.41 44 eP 23 46.50 0.5
SRU 80.66 48 eP 24 15.65 0.8
CLL 81.60 330 e(P) 24 16.00 -3.3X

GEC2 83.18 328 P 24 25.00 -2.7
0.5s 0.53nm 3.9mb X
VAY 84.31 318 iP 24 31.50 -1.9
LPAZ 147.86 60 PKP 31 47.30 2.4X
LPB 148.05 60 ePKP 31 53.00 8.0X
S.D. = 1.6 on 21 of 26 obs.

? JUN 18, 1994 23h 15m 40.24± 1.37s
10.514 S ±21.5km 113.997 E ±46.8km
DEPTH = 33.0km (normal)
SOUTH OF JAWA, INDONESIA (282)

TRT 3.10 334 iPd 16 29.00 1.0
iS 17 03.50
SJI 3.53 321 iPd 16 33.00 -1.1
iS 17 11.00
MBL 11.98 153 eP 18 31.00 -0.7
eS 20 37.00
NANU 12.07 173 iPc 18 32.50 -0.4
eS 20 40.00
MRWA 18.70 175 eP 19 59.50 1.2
eS 23 18.00
S.D. = 1.5 on 5 of 5 obs.

JUN 18, 1994 23h 30m 11.85± 0.58s
10.859 N ± 4.9km 61.540 W ± 8.1km
DEPTH = 33.0km (normal)
TRINIDAD (98)
MD 3.5 (TRN). Felt (II) on
Trinidad.

TRN 0.25 147 iPd 30 19.00 0.0
iS 30 24.32
TCE 0.26 232 iPc 30 19.37 0.2
TBH 0.60 129 iPd 30 23.38 -0.4
BOT 0.86 69 iP 30 28.13 0.6
GRW 1.30 355 iPd 30 33.97 0.1
iS 30 51.15
SVB 2.41 7 eP 30 49.68 -0.2
iS 31 16.90
SVV 2.46 7 iPd 30 50.50 -0.1
eS 31 19.32
SLB 2.99 9 iP 30 58.82 0.7
eS 31 33.03
BIM 3.66 7 iPc 31 07.51 -0.1
S 31 53.25
CRM 3.92 9 ePd 31 10.47 -0.8
S 31 55.70
S.D. = 0.5 on 10 of 10 obs.

? JUN 19, 1994 00h 40m 05.13± 5.19s
19.874 N ±29.2km 120.209 E ±49.1km
DEPTH = 33.0km (normal)
PHILIPPINE ISLANDS REGION (248)

PIP 1.59 166 iPc 40 31.00 -0.3
iS 40 49.00
BBP 1.74 71 ePc 40 33.50 0.0
eS 40 51.00
SZP 2.32 174 iP 40 42.00 0.2
CVP 2.64 144 ePc 40 46.50 0.1
eS 41 15.00
S.D. = 0.4 on 4 of 4 obs.

% JUN 19, 1994 02h 02m 27.69± 0.61s
46.502 N ± 6.0km 1.965 E ± 4.8km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.2 (LDG).

TCF 0.27 142 Pg 02 33.50 0.0
Sg 02 37.10
LSF 0.39 230 Pg 02 34.90 -0.9
Sg 02 40.00
MAF 0.50 124 Pg 02 37.30 -0.6
Sg 02 44.60
BGF 0.61 84 Pg 02 39.00 -1.0
Sg 02 47.80
AVF 1.00 73 Pg 02 46.30 -0.3
Sg 02 59.00
SSF 1.20 62 Pg 02 49.70 -0.3
Sg 03 05.10
RJF 1.24 195 Pg 02 50.60 -0.1
Sg 03 06.60
SMF 1.30 83 Pg 02 52.10 0.3
Sg 03 08.90
MFF 1.46 275 Pg 02 54.10 0.0

19d 02h

```
                Sg     03 12.10
LBF     1.47  70 Pg    02 54.80    0.6
                Sg     03 13.10
LOR     1.51  59 Pg    02 55.50    0.7
                Sg     03 14.60
CAF     1.58 177 Pg    02 57.30    1.5
                Sg     03 17.10
LFF     1.78 209 Pg    03 00.80    2.1X
                Sg     03 22.50
    S.D. = 0.8  on  12 of  13 obs.
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& JUN  19, 1994  03h 05m 26.50s
   64.617 N            152.628 W
   DEPTH =  11.3km
  CENTRAL ALASKA                  (  1)
      &lt;AEIC&gt;. ML 3.0 (AEIC), 3.2
      (PMR).

MLY     0.91  62 eP    05 43.74   -0.1
                eS     05 56.51
KTH     1.31 144 eP    05 50.34   -0.2
                eS     06 07.33
IMA     1.52 344 ePn   05 52.93   -0.8
                e      05 55.51
NEA     1.53  90 eP    05 52.85   -0.9
                eS     06 15.13
TRF     1.56 138 eP    05 55.16    0.9
                eS     06 15.56
MCK     1.85 117 eP    05 57.30   -1.0
MDM     1.91  78 eP    05 57.59   -1.7
WRH     1.97  92 eP    06 00.61    0.6
RND     2.06 124 eP    06 01.23   -0.2
CCB     2.08  87 eP    06 00.07   -1.6
FBA     2.09  80 eP    05 59.77   -2.1
                e      06 05.26
                eS     06 32.86
HUR     2.11 140 eP    06 01.78   -0.4
TTA     2.26 223 ePn   06 01.65   -2.8
                ePg    06 06.40
GLM     2.27  78 eP    06 02.77   -1.8
CUT     2.46 153 eP    06 06.92   -0.2
HDA     2.46  92 eP    06 08.53    1.4
SKT     2.69 169 eP    06 09.40   -1.1
DHY     2.79 121 eP    06 11.15   -0.9
SUA     3.28 164 eP    06 19.33    0.4
BGL     3.37 178 eP    06 19.46   -0.7
CKN     3.41 176 eP    06 20.32   -0.4
SML     3.42 143 eP    06 19.38   -1.5
PLRM    3.43 151 eP    06 19.47   -1.3
PMR     3.43 151 eP    06 19.13   -1.7
SPU     3.46 175 eP    06 20.35   -1.0
BKG     3.56 177 eP    06 21.74   -1.1
PAX     3.58 114 eP    06 22.54   -0.6
FYU     3.64  54 eP    06 20.82   -3.0
PMS     3.66 156 P     06 23.40   -0.9
SVW     3.78 203 (P)   06 24.18   -1.7
TOA     3.85 128 P     06 26.40   -0.5
SLKM    4.27 164 P     06 32.90    0.0
KLU     4.37 133 eP    06 34.12   -0.3
    33 obs. associated
-------------------------------------
* JUN  19, 1994  03h 20m 46.17± 0.32s
   9.472 S ± 6.4km  112.757 E ± 8.4km
   DEPTH =  33.0km  (normal)
   5.3mb ( 27 obs.)
  SOUTH OF JAWA, INDONESIA        (282)

TRT     1.76 356 iPc   21 20.00    5.2X
                iS     21 49.60
SJI     1.99 330 iPd   21 21.00    2.9
                eS     21 41.50
                e      26 34.00
DNP     2.55  72 ePd   21 19.00   -7.1X
                eS     22 02.50
                e      28 29.50
KHKI    3.02  69 iPc   21 35.00    2.2
                iS     21 58.00
                e      27 09.60
LEM     5.73 297 iPd   22 21.00    9.7X
                iS     23 37.00
WSI     7.43  92 ePd   22 39.00    3.9X
NANU   13.28 169 eP    23 49.40   -5.6X
                iS     26 05.00
MBL    13.47 150 eP    23 51.70   -5.8X
     0.3s    16.00nm         5.4mb
                eS     26 09.00
MRWA   19.88 172 eP    25 16.00   -1.7
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        0.5s    11.00nm          4.4mb
                eS     28 42.00
WARB   21.20 143 eP    25 31.50    0.1
                e      25 39.00
                eS     29 14.00
BAL    21.35 171 eP    25 32.00   -0.8
COOL   22.69 161 eP    25 46.00   -0.2
        0.3s     9.00nm          4.7mb
                e      25 53.00
                eS     29 43.00
WOOL   23.07 160 eP    25 49.20   -0.7
                iS     29 53.60
WRA    23.30 119 P     25 52.00   -0.2
        0.7s     6.00nm          4.2mb X
NWAO   23.70 171 eP    25 57.50    1.5
PGP    24.23  20 ePc   26 03.00    1.7
ASPA   24.65 128 P     26 05.69    0.4
        0.7s    28.80nm          5.0mb
BDT    29.82 333 eP    26 52.00   -0.7
KMI    35.74 344 eP    27 46.40    2.1
        1.4s    30.00nm          5.0mb
                pP     28 02.00  61kmX
SSE    41.14  11 Pd    28 30.00    1.1
        0.8s    48.00nm          5.3mb
GBA    41.89 303 Pc    28 35.00   -0.3
HYB    43.09 308 eP    28 45.00   -0.2
ODAN   43.71 326 P     28 50.43    0.1
        1.0s    82.00nm          5.4mb
TAPN   43.92 327 P     28 52.73    0.6
        1.0s    78.00nm          5.4mb
RAMN   44.21 326 P     28 55.09    0.6
JIRN   44.99 326 P     29 00.99    0.1
        0.6s    33.00nm          5.4mb
GUN    45.36 326 P     29 03.59   -0.2
        0.6s    27.00nm          5.3mb
PKI    45.36 325 P     29 02.95   -0.8
DMN    45.56 325 P     29 05.15   -0.1
KKN    45.60 325 P     29 05.13   -0.4
        0.8s    26.00nm          5.2mb
LZH    46.08 350 iPc   29 10.20    1.1
        1.0s    78.00nm          5.6mb
      Z  15s     0.34um          4.4MszX
                sP     29 35.00
GKN    46.13 325 P     29 09.31   -0.3
        0.4s    15.00nm          5.3mb
KOLN   46.56 324 P     29 12.93   -0.1
        0.5s    26.00nm          5.5mb
DANN   46.90 324 P     29 15.41   -0.4
PYUN   47.16 323 P     29 16.97   -0.8
        0.4s    12.00nm          5.2mb
POO    47.41 306 eP    29 16.00   -3.7X
BJI    49.36   3 eP    29 34.00   -0.4
        1.0s    29.00nm          5.3mb
      Z  20s     0.30um          4.3Msz
IIDJ   50.63  27 eP    29 41.90   -2.4
NDI    51.15 319 eP    29 46.00   -2.3
MTMJ   51.51  26 eP    29 48.90   -2.1
MAT    51.65  26 iPc   29 49.70   -2.3
        0.8s    23.88nm          5.2mb
ASAJ   59.82  25 eP    30 49.40   -1.3
KUSJ   59.88  27 eP    30 49.50   -1.6
CIT    61.23   1 eP    31 00.50    0.3
YSS    62.25  23 eP    31 05.30   -1.8
        1.0s    40.00nm          5.5mb
FRU    62.61 329 eP    31 10.00    0.4
        1.4s    40.00nm          5.4mb
                e      31 22.00
BOD    67.10   1 eP    31 36.80   -1.5
MAIO   67.65 316 iPc   31 42.00   -0.4
ASH    69.28 317 eP    31 50.00   -2.3
BRVK   72.01 335 iPc   32 08.00   -0.6
        1.2s    17.00nm          4.9mb
YAK    72.49   8 iPc+  32 09.80   -1.4
        1.0s   131.00nm          5.9mb
                e      32 29.00
SVE    78.66 334 iPc   32 47.00    0.7
        1.1s    60.00nm          5.5mb
SPA    80.59 180 eP    33 11.00   14.2X
        1.0s     1.50nm
OBN    89.89 326 iPd   33 44.50    1.5
        1.5s    42.00nm          5.5mb
ILT    90.85  21 iPc   33 46.80   -0.4
        1.4s    13.00nm          5.1mb
BCAO   94.87 274 iPd   34 16.70    9.8X
        0.6s    11.00nm          5.5mb
KAF    96.64 332 iP    34 15.00    1.2
        0.6s     4.80nm          5.2mb
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NUR    97.23 330 eP    34 05.20  -11.3X
TTA    98.92  28 eP    34 24.36    0.1
        0.9s     2.01nm          4.6mb
LIC   118.35 272 (PKP) 39 33.00    0.1
GOL   134.65  42 ePKP  40 05.16    1.4
WMOK  141.74  44 ePKP  40 11.59   -5.1X
RSNY  144.49   9 ePKP  40 19.58   -1.4
FVM   144.77  33 ePKP  40 20.51   -1.2
LBNH  145.12   6 ePKP  40 22.34    0.2
MIAR  145.30  40 ePKP  40 22.61   -0.1
YSNY  145.66  15 ePKP  40 23.68    0.5
ITR   146.06 239 ePKP  40 26.10    1.5
BINY  146.51  12 ePKP  40 26.01    1.5
HRV   146.88   6 ePKP  40 27.48    2.4
TBR   147.86  10 ePKP  40 30.32    3.7X
GPD   147.94  10 ePKP  40 30.15    3.3X
GMTN  148.12  10 ePKP  40 31.30    4.2X
BAO   148.60 218 ePKP  40 34.00    5.3X
NAV   149.69  22 ePKP  40 34.90    5.2X
CVL   149.87  18 ePKP  40 35.30    5.4X
CEH   151.57  21 ePKP  40 33.53    1.0
                 ePKPbc40 39.21
PRM   151.84  27 (PKP) 40 33.60    0.6
                 ePKPbc40 40.41
JSC   152.16  25 ePKP  40 34.50    1.1
                 ePKPbc40 40.95
LHS   152.18  25 (PKP) 40 35.40    2.0
                 ePKPbc40 41.03
LPAZ  154.39 178 PKP   40 49.80   12.0X
    S.D. = 1.3  on  63 of  81 obs.
-------------------------------------
% JUN  19, 1994  03h 39m 52.25± 0.78s
   26.899 S ± 9.0km  26.754 E ± 6.4km
   DEPTH =   5.0km  (geophysicist)
  REPUBLIC OF SOUTH AFRICA        (584)
      ML 2.9 (PRE).

BFS     0.03  88 iPd   39 54.30    0.8
                S      39 54.90
PRY     0.64  93 eP    40 04.90   -0.2
                S      40 13.50
SWZ     1.31 257 ePc   40 17.00    0.0
                S      40 34.50
SEK     1.62 152 eP    40 21.90    0.3
                S      40 43.70
SLR     1.80  50 iPc   40 24.00   -0.2
                S      40 46.00
BOSA    2.08 214 eP    40 30.00    1.8
                S      40 56.00
BLF     2.26 193 eP    40 30.00   -1.0
                S      40 56.00
BLF     2.26 193 eP    40 30.50   -0.5
                S      40 57.50
NWL     2.96 107 eP    40 45.00    4.1X
                S      41 19.20
FRS     3.11 204 eP    40 42.00   -0.8
                S      41 17.00
BFT     3.19  68 eP    40 44.00   -0.2
                S      41 20.00
    S.D. = 0.9  on  10 of  11 obs.
-------------------------------------
? JUN  19, 1994  03h 48m 07.70± 4.04s
   40.748 N ±27.4km   30.123 E ±32.6km
   DEPTH =  10.0km  (geophysicist)
  TURKEY                          (366)
      ML 2.8 (ISK).

EYL     0.18 172 iPg   48 11.80   -0.1
HRT     0.35 282 iPg   48 14.90   -0.1
                iSg    48 18.40
ISK     0.87 292 iPg   48 24.00   -0.4
                eSg    48 36.40
CTT     1.34 288 iPn   48 32.90    0.5
KCT     1.44 250 ePn   48 33.80    0.0
    S.D. = 0.4  on   5 of   5 obs.
-------------------------------------
& JUN  19, 1994  04h 43m 00.85s
   62.191 N            150.217 W
   DEPTH =   9.2km
  CENTRAL ALASKA                  (  1)
      &lt;AEIC&gt;. ML 2.6 (AEIC), 2.8
      (PMR).

CUT     0.22 353 eP    43 05.56    0.1
PWA     0.57 163 P     43 12.30    0.0
SKT     0.65 252 iP    43 13.39   -0.5
                eS     43 23.02
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GHO 0.74 124 eP 43 14.63 -0.9
SUA 0.77 199 eP 43 16.06 0.0
eS 43 27.62
PLRM 0.79 139 eP 43 15.97 -0.3
PMR 0.79 139 eP 43 15.40 -0.9
HUR 0.83 19 eP 43 15.99 -1.1
SML 0.97 113 eP 43 18.61 -0.8
eS 43 31.68
PMS 1.00 161 P 43 19.00 -0.9
KNK 1.14 132 eP 43 21.90 -0.5
TRF 1.27 359 eP 43 24.21 -0.3
SPU 1.34 222 eP 43 24.63 -1.0
CP2 1.34 227 eP 43 25.20 -0.6
eS 43 43.87
CKN 1.35 225 eP 43 26.29 0.5
RND 1.37 27 eP 43 23.84 -2.3
CKT 1.37 225 eP 43 26.03 -0.2
BGL 1.39 229 eP 43 26.72 0.2
KTH 1.40 347 eP 43 25.08 -1.6
CKL 1.42 226 eP 43 27.51 0.6
PTE 1.45 156 eP 43 27.65 0.5
BKG 1.49 222 eP 43 26.78 -1.1
NKA 1.53 199 eP 43 28.98 0.6
DHY 1.59 55 eP 43 28.51 -0.8
MCK 1.65 20 eP 43 30.65 0.5
SLKM 1.69 180 eP 43 30.50 -0.2
TOA 1.90 91 P 43 32.60 -1.2
DFR 2.00 218 eP 43 34.86 -0.3
REF 2.09 216 eP 43 36.25 -0.3
RS2 2.12 216 eP 43 38.40 1.3
RSO 2.12 216 eP 43 38.53 1.4
SEW 2.13 170 eP 43 39.05 2.1
VLZ 2.14 118 eP 43 36.84 -0.2
KLU 2.15 107 eP 43 37.46 0.0
TZL 2.26 92 P 43 37.10 -1.8
PAX 2.33 68 eP 43 40.86 0.8
HIN 2.54 133 eP 43 44.38 1.5
HDA 2.67 32 eP 43 45.85 1.1
CCB 2.69 23 eP 43 44.40 -0.7
CVA 2.71 126 eP 43 41.99 -3.3
CNPM 2.72 191 eP 43 47.56 2.1
TTA 2.78 288 eP 43 45.40 -1.0
SVW 2.80 250 (P) 43 44.88 -1.7
FBA 2.93 21 (P) 43 48.84 0.5
GLB 3.13 101 eP 43 52.29 1.0
BALM 3.93 104 (P) 44 03.13 0.4
IMA 4.18 340 eP 44 04.40 -1.8
47 obs. associated

% JUN 19, 1994 05h 45m 57.16± 1.56s
36.723 N ±14.8km 2.966 W ± 5.3km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.7 (MDD).

EGUA 0.49 283 iPc 46 07.11 -0.1
eS 46 14.70
ENIJ 0.66 68 iPd 46 10.11 -0.2
eS 46 19.60
ECOG 0.73 319 iPd 46 10.59 -1.0
eS 46 18.70
ERON 0.73 294 eP 46 11.11 -0.6
eS 46 21.50
ELOJ 1.04 294 eP 46 17.12 0.3
eS 46 31.60
EHUE 1.13 15 eP 46 18.04 -0.3
eS 46 30.30
ELUQ 1.33 309 eP 46 22.15 0.4
eS 46 40.00
EBAN 1.58 336 eP 46 26.13 0.9
eS 46 44.90
EVIA 1.95 11 eP 46 31.01 0.3
eS 46 53.70
EHOR 2.13 302 eP 46 33.56 0.4
iS 47 00.20
S.D. = 0.6 on 10 of 10 obs.

? JUN 19, 1994 06h 12m 55.92± 1.73s
35.312 N ±39.7km 26.383 E ± 9.6km
DEPTH = 5.0km (geophysicist)
CRETE (370)
MD 3.7 (ATH).

NPS 0.63 266 ePg 13 07.80 -0.8
VAM 1.79 274 ePn 13 28.80 1.2
KSL 2.73 72 ePn 13 41.00 -0.1
VLI 3.13 298 ePn 13 46.50 -0.3

S.D. = 1.4 on 4 of 4 obs.

& JUN 19, 1994 06h 24m 42.58s
59.956 N 151.645 W
DEPTH = 55.8km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.7 (AEIC).

NNL 0.20 64 iP 24 52.31 0.7
HOM 0.30 180 eP 24 52.13 -0.2
BRLK 0.43 116 eP 24 53.17 -0.4
eS 25 01.59
CNPM 0.48 154 iP 24 53.44 -0.7
eS 25 02.23
XLV 0.50 184 P 24 53.20 -1.2
RED 0.73 310 eP 24 56.25 -0.9
eS 25 07.84
REF 0.75 316 iP 24 56.85 -0.7
eS 25 08.43
RSO 0.75 313 eP 24 56.88 -0.7
RS2 0.75 313 eP 24 56.95 -0.6
NKA 0.82 14 eP 24 59.68 1.5
DFR 0.82 321 eP 24 57.53 -0.8
OPT 0.86 250 eP 24 57.74 -1.0
eS 25 10.09
SLKM 0.90 51 eP 24 58.59 -0.7
AUL 1.08 238 eP 25 00.89 -0.8
AUP 1.08 237 eP 25 00.44 -1.4
SEW 1.11 81 eP 25 02.42 0.3
BKG 1.16 345 eP 25 02.28 -0.6
SPU 1.25 351 eP 25 03.56 -0.5
eS 25 20.49
MPA 1.26 64 eP 25 04.05 -0.1
eS 25 20.83
CKT 1.28 348 eP 25 04.04 -0.5
eS 25 21.34
PDB 1.30 264 eP 25 03.41 -1.3
eS 25 20.09
CKN 1.30 348 eP 25 04.61 -0.2
CP2 1.35 348 eP 25 05.07 -0.5
eS 25 22.75
SYI 1.40 196 eP 25 05.18 -1.0
CDD 1.45 226 eP 25 05.86 -1.0
eS 25 24.58
MCNL 1.57 242 eP 25 06.92 -1.6
SUA 1.58 16 eP 25 08.74 0.0
PTE 1.59 54 eP 25 08.54 -0.2
PMS 1.65 38 P 25 09.00 -0.7
PWA 1.91 26 P 25 11.60 -1.6
SKT 2.03 2 eP 25 15.00 0.0
PLRM 2.05 36 P 25 16.20 1.0
PMR 2.05 36 (P) 25 15.02 -0.2
KNK 2.14 46 eP 25 15.72 -0.9
GHO 2.26 35 P 25 17.60 -0.6
KDC 2.26 192 eP 25 14.73 -3.4
SVW 2.28 302 eP 25 15.96 -2.6
SML 2.46 40 eP 25 20.37 -0.7
CUT 2.55 15 P 25 23.80 1.6
HIN 2.61 78 eP 25 21.05 -2.1
VLZ 2.88 64 eP 25 24.94 -2.0
CVA 3.00 76 eP 25 27.29 -1.4
KLU 3.21 59 eP 25 29.78 -2.0
TOA 3.43 49 P 25 33.60 -1.2
KTH 3.63 5 eP 25 34.55 -3.1
TTA 3.65 327 P 25 36.30 -1.6
TZL 3.68 53 eP 25 37.90 -0.4
DHY 3.74 31 eP 25 38.37 -0.9
GLB 4.13 65 eP 25 42.13 -2.5
PAX 4.23 42 eP 25 44.61 -1.5
BALM 4.73 73 P 25 51.00 -2.1
HDA 4.98 24 eP 25 55.37 -1.2
CCB 5.04 19 eP 25 53.58 -3.8
CHX 5.28 84 P 25 56.30 -4.6
54 obs. associated

% JUN 19, 1994 07h 02m 11.67± 1.20s
40.218 N ± 9.8km 29.425 E ± 6.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZI 0.12 17 iPg 02 15.30 0.5
YLV 0.35 354 iPg 02 18.80 -0.1
iSg 02 24.30
HRT 0.63 17 iPg 02 23.80 -0.6
EYL 0.66 58 ePg 02 24.90 0.0
KCT 0.82 272 ePg 02 27.90 0.4

ISK 0.89 342 iPg 02 28.80 0.1
BNT 1.16 277 ePn 02 32.80 -0.5
CTT 1.20 321 iPn 02 34.30 0.3
EDC 1.20 277 ePn 02 34.00 -0.1
S.D. = 0.4 on 9 of 9 obs.

JUN 19, 1994 07h 31m 14.13± 0.58s
41.534 N ± 5.3km 20.216 E ± 4.1km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.5 (TTG), 2.2 (TIR).

PHP 0.23 48 iPgc 31 20.00 1.0
iSg 31 24.50
TIR 0.32 235 ePg 31 21.00 0.2
iSg 31 26.60
LACI 0.39 285 ePg 31 22.70 0.5
OHR 0.61 134 ePg 31 26.00 -0.5
eSg 31 38.80
SDA 0.75 314 ePg 31 28.40 -0.3
iSg 31 39.60
ULC 0.84 301 iPgd 31 29.25 -1.1
iSg 31 41.82
SKO 1.02 64 ePg 31 33.00 -0.3
iSg 31 48.50
PVY 1.08 350 iPgd 31 33.28 -1.2
iSg 31 49.08
TTG 1.14 322 iPgc 31 34.87 -0.6
iSg 31 51.64
BDV 1.28 306 iPgd 31 37.61 -0.2
iSg 31 56.34
IVA 1.36 350 iPgd 31 38.75 -0.4
iSg 31 58.45
NKY 1.57 325 iPgc 31 42.51 0.4
iSg 32 05.70
HCY 1.57 306 iPgd 31 42.55 0.4
iSg 32 06.01
BRY 1.85 318 iPnc 31 47.32 1.1
iSn 32 13.16
PLE 1.89 342 ePn 31 47.84 0.9
iSn 32 14.34
S.D. = 0.8 on 15 of 15 obs.

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* JUN 19, 1994 07h 45m 11.04± 0.62s
10.775 S ± 6.5km 113.642 E ±10.8km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 2.59 37 ePd 45 52.00 0.4
eS 46 22.00
e 50 24.00
KHKI 3.08 39 ePd 45 58.30 -0.2
eS 46 37.00
e 50 29.00
TRT 3.21 342 iPd 45 59.00 -1.3
eS 46 31.20
LEM 7.13 303 iPd 46 56.00 0.1
NANU 11.86 171 eP 48 00.50 -0.4
eS 50 06.00
MBL 11.92 151 eP 48 00.50 -1.2
0.3s 7.00nm 5.3mb X
eS 50 04.00
MRWA 18.48 173 eP 49 27.00 0.6
0.3s 5.00nm 4.2mb
eS 52 40.00
WARB 19.64 143 eP 49 45.00 4.9X
eS 53 13.00
KMI 37.23 344 ePd 52 21.90 0.2
1.0s 10.00nm 4.6mb
MIAR 145.70 42 ePKP 04 49.93 1.7
MOCB 148.17 181 PKP 04 57.90 4.7X
LPB 152.81 176 ePKP 05 07.00 6.8X
LPAZ 153.05 176 PKP 05 12.20 11.4X
S.D. = 1.1 on 9 of 13 obs.

? JUN 19, 1994 08h 12m 01.22± 3.68s
31.528 S ±28.8km 71.032 W ±26.3km
DEPTH = 70.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.8 (SAN).

JACH 1.21 162 iPd 12 23.06 0.3
iS 12 38.65
ROCH 1.44 179 iP 12 26.09 0.1
(S) 12 46.26
PEL 1.64 170 iP+ 12 28.51 0.0

19d 08h

```
                  iS      12 48.30
LCCH     1.99 193 iPd     12 33.89     0.5
ZON      2.01  91 eP      12 33.60     0.0
                  eS      12 55.60
PCH      2.13 168 iPd     12 35.65     0.3
                  iS      13 01.09
CHCH     2.42 172 iP+     12 38.69    -0.6
                  iS      13 08.58
LNV      2.44 187 iP      12 38.86    -0.7
CACH     2.61 172 iP+     12 42.20     0.2
    S.D. = 0.5  on    9 of    9 obs.
------------------------------------------
* JUN  19, 1994  08h 14m 28.89± 1.45s
  40.395 N ±12.2km    21.829 E ± 8.6km
  DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)

FNA      0.52 319 iP      14 38.46    -1.0
LIT      0.59 120 eP      14 40.68    -0.1
GRG      0.71  38 iP      14 41.53    -1.4
                  iS      14 54.04
OHR      1.06 313 eP      14 49.80     0.9
VAY      1.08  31 eP      14 50.60     1.4
KNT      1.12  46 iP      14 50.00     0.2
    S.D. = 1.4  on    6 of    6 obs.
------------------------------------------
% JUN  19, 1994  08h 27m 12.12± 0.73s
  44.348 N ± 5.0km     7.173 E ± 6.6km
  DEPTH =   5.0km  (geophysicist)
 NORTHERN ITALY                      (545)
     ML 1.7 (GEN).

STV      0.15 134 P       27 15.41     0.1
                  S       27 17.56
PZZ      0.17 342 P       27 15.95     0.3
                  S       27 18.52
ISO      0.19 208 ePgc    27 15.84    -0.1
                  eSg     27 17.96
ENR      0.21 124 P       27 16.64     0.1
                  S       27 19.66
BHB      0.50   7 P       27 21.77    -0.3
                  S       27 28.54
ROB      0.50  96 P       27 22.13    -0.1
    S.D. = 0.3  on    6 of    6 obs.
------------------------------------------
  JUN  19, 1994  08h 27m 49.94± 0.65s
  44.608 N ± 3.9km     7.282 E ± 7.6km
  DEPTH =  10.0km  (geophysicist).
 NORTHERN ITALY                      (545)
     ML 2.6 (LDG).

FOUF     0.37 258 ePgc    27 56.76    -0.7
                  i       27 56.89
                  eSg     28 01.16
ISO      0.46 201 ePgd    27 59.16    -0.1
                  iSg     28 03.90
AUTN     0.62 170 Pg      28 02.19    -0.4
SAOF     0.65 162 Pg      28 02.88    -0.1
                  Sg      28 11.98
AURF     0.72 177 Pg      28 04.29     0.1
                  Sg      28 14.71
SBF      0.75 172 Pg      28 04.44    -0.3
                  Sg      28 15.02
CALN     0.90 198 Pg      28 07.74     0.4
                  Sg      28 20.56
LPG      0.97 337 Pg      28 08.40    -0.1
                  Sg      28 20.70
LPL      0.99 337 Pg      28 08.90     0.0
                  Sg      28 21.40
FRF      1.14 204 Pg      28 12.00     0.7
BGF      3.67 304 Pn      28 48.40     0.4
    S.D. = 0.4  on   11 of   11 obs.
------------------------------------------
& JUN  19, 1994  08h 53m 13.80s
  63.999 N          148.967 W
  DEPTH = 124.2km
 CENTRAL ALASKA                      (  1)
     <AEIC>.

MCK      0.27 177 eP      53 31.36     1.8
NEA      0.58 355 eP      53 32.52    -0.5
                  eS      53 47.02
RND      0.60 175 eP      53 32.60    -0.6
WRH      0.61  39 eP      53 32.94    -0.2
TRF      0.81 227 eP      53 34.58    -0.3
                  eS      53 50.42
CCB      0.82  37 eP      53 34.44    -0.4
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                  eS      53 50.43
HDA      0.97  64 eP      53 35.75    -0.5
                  eS      53 52.86
KTH      0.98 244 iP      53 35.93    -0.4
                  eS      53 52.97
MDM      1.02  18 eP      53 36.17    -0.5
                  eS      53 53.05
FBA      1.04  29 iPc     53 36.09    -0.8
                  S       53 53.16
HUR      1.07 197 eP      53 36.44    -0.7
DHY      1.17 142 eP      53 37.83    -0.6
GLM      1.20  34 eP      53 37.99    -0.6
                  eS      53 56.36
MLY      1.29 324 iP      53 38.78    -0.8
                  eS      53 58.10
DDM      1.39  97 eP      53 41.05     0.4
THY      1.55 111 eP      53 43.13     0.7
CUT      1.71 201 eP      53 43.30    -1.0
PAX      1.88 122 eP      53 46.37    -0.1
                  eS      54 10.96
SDG      2.14 132 eP      53 50.71     1.0
DOT      2.20  97 eP      53 49.08    -1.4
SML      2.22 172 eP      53 49.61    -1.1
TOA      2.29 145 P       53 50.60    -1.0
SKT      2.34 211 eP      53 50.76    -1.5
PLRM     2.42 182 eP      53 54.01     0.8
PMR      2.42 182 eP      53 52.00    -1.2
KNK      2.61 175 eP      53 54.38    -1.3
SUA      2.67 199 eP      53 56.54    -0.1
TMW      2.75 102 eP      53 56.85    -0.7
PMS      2.78 186 P       53 57.00    -1.0
KLU      2.88 149 eP      53 58.34    -1.0
IMA      2.88 318 eP      53 57.59    -1.9
VLZ      3.13 156 eP      53 59.91    -2.6
CP2      3.13 210 eP      54 02.85     0.0
PTE      3.15 181 eP      54 02.22    -0.6
SPU      3.17 208 eP      54 02.04    -1.1
BKG      3.31 209 eP      54 04.14    -1.0
TTA      3.34 254 iPd     54 03.33    -2.1
GLB      3.50 135 eP      54 06.96    -0.6
MPA      3.53 183 eP      54 05.93    -1.9
SLKM     3.55 190 eP      54 06.64    -1.6
HIN      3.80 161 eP      54 09.20    -2.3
SEW      3.92 184 eP      54 11.50    -1.6
RSO      3.97 208 eP      54 13.91    -0.1
RED      4.01 208 eP      54 12.62    -1.9
SVW      4.23 230 eP      54 15.10    -2.3
CNPM     4.62 195 eP      54 20.34    -2.3
PDB      4.89 213 eP      54 24.29    -2.1
           47 obs. associated
------------------------------------------
% JUN  19, 1994  09h 18m 04.80± 0.64s
  44.369 N ± 4.9km     7.205 E ± 6.0km
  DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                      (545)
     ML 2.0 (GEN).

STV      0.15 146 P       18 08.51     0.1
                  S       18 10.57
PZZ      0.15 331 P       18 08.83     0.3
                  S       18 11.21
ENR      0.21 133 P       18 09.34    -0.1
                  S       18 12.31
ISO      0.22 211 iPgc    18 09.41    -0.1
                  i(Sg)   18 11.96
BHB      0.47   5 P       18 14.09    -0.4
                  S       18 20.55
ROB      0.48  99 P       18 14.83     0.2
                  S       18 21.51
FIN      0.74 102 P       18 19.22    -0.1
                  S       18 28.84
    S.D. = 0.3  on    7 of    7 obs.
------------------------------------------
* JUN  19, 1994  09h 18m 45.73± 0.80s
  10.242 S ± 7.7km   113.508 E ±10.5km
  DEPTH =  33.0km  (normal)
 SOUTH OF JAWA, INDONESIA            (282)

DNP      2.29  47 ePd     19 22.00     0.1
                  e       21 59.50
KHKI     2.79  48 eP      19 29.00     0.0
                  eS      20 04.00
                  e       22 23.50
LEM      6.74 300 ePc     20 25.00    -0.1
NANU    12.40 171 eP      21 42.00    -0.9
                  eS      24 00.00
MBL     12.44 151 eP      21 43.00    -0.4
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     0.3s       8.00nm          5.3mb
                  eS      23 59.00
MRWA    19.02 173 eP      23 09.00     1.3
WARB    20.15 144 eP      23 24.00     3.9X
                  eS      27 08.00
GBA     42.92 303 P       26 39.00    -4.4X
    S.D. = 1.0  on    6 of    8 obs.
------------------------------------------
% JUN  19, 1994  09h 34m 13.50± 0.77s
  43.056 N ± 7.8km     0.474 W ± 6.0km
  DEPTH =  10.0km  (geophysicist)
 PYRENEES                            (378)
     ML 1.0 (STR).

ESCF     0.08 287 Pg      34 15.69    -0.3
                  Sg      34 17.14
JAU      0.08 103 Pg      34 16.02    -0.1
OGE      0.11   0 Pg      34 16.58     0.2
ATE      0.17 280 Pg      34 17.29    -0.1
                  Sg      34 19.85
LHE      0.18 217 Pg      34 17.73     0.1
MADF     0.27 290 Pg      34 19.31     0.1
                  Sg      34 22.95
    S.D. = 0.2  on    6 of    6 obs.
------------------------------------------
& JUN  19, 1994  09h 36m 28.24s
  40.210 N          121.328 W
  DEPTH =   3.4km
 NORTHERN CALIFORNIA                 ( 36)
     <GM-P>. MD 3.4 (GM). ML 3.5
     (BRK), 3.2 (GS). Felt.

LCMM     0.16 247 P       36 31.61     0.1
LHKM     0.23  10 P       36 33.34     0.5
MIN      0.25 303 ePd     36 32.81    -0.5
                  eS      36 36.36
LRDM     0.27 338 P       36 34.04     0.3
LCFM     0.31 332 P       36 34.75     0.2
LDBM     0.41 303 P       36 36.08    -0.5
KPK      0.63 178 P       36 40.30    -0.5
ORV      0.67 192 ePd     36 40.31    -1.3
ORAM     0.74 185 P       36 42.04    -1.1
AOHM     0.84 176 P       36 43.54    -1.4
WDC      1.00 292 ePc     36 45.66    -2.1
                  eS      36 57.87
OSUM     1.02 203 P       36 47.54    -0.6
AVRM     1.18 178 P       36 49.40    -1.5
LBFM     1.21 340 iPc     36 51.17    -0.4
APRM     1.33 176 P       36 51.97    -1.5
LBKM     1.34 311 P       36 52.16    -1.5
AFRM     1.42 181 P       36 54.08    -0.8
NDHM     1.51 198 P       36 56.54     0.4
ARJM     1.55 169 P       36 55.59    -1.2
NMTM     1.65 212 P       36 57.25    -0.9
AODM     1.66 164 P       36 58.06    -0.3
NBPM     1.68 204 P       36 57.40    -1.2
GHLM     1.75 229 P       36 59.60    -0.1
NMHM     1.84 214 P       37 00.56    -0.5
YBH      1.85 326 eP      37 00.39    -0.7
                  eS      37 25.16
HMR      2.09 190 eP      37 04.44     0.0
NTYM     2.09 210 eP      37 04.59     0.0
KMPM     2.14 276 eP      37 04.53    -0.9
CMB      2.29 161 eP      37 07.73     0.2
KVN      2.75 114 eP      37 14.65     0.5
ARN      2.86 183 eP      37 13.69    -2.0
MHC      2.87 185 eP      37 17.29     1.4
COE      2.96 185 eP      37 17.19     0.2
MEMM     3.15 143 eP      37 20.21     0.6
MMPM     3.16 145 eP      37 20.37     0.3
BONR     3.26 133 iPd     37 22.31     0.8
SAO      3.44 182 eP      37 22.83    -1.0
FRI      3.45 158 iP      37 25.54     1.6
           38 obs. associated
------------------------------------------
% JUN  19, 1994  09h 45m 57.39± 0.68s
  26.877 S ± 6.9km    26.728 E ± 6.2km
  DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA            (584)
     ML 2.9 (PRE).

BFS      0.06 113 iPd     45 59.50     0.5
                  S       45 59.90
PRY      0.67  95 eP      46 10.50    -0.3
                  S       46 18.30
KSR      1.02   9 eP      46 17.00    -0.3
                  S       46 33.00
```

SWZ 1.29 256 iPd 46 21.90 0.1
S 46 40.10
SEK 1.65 151 iPd 46 28.00 0.8
S 46 49.00
SLR 1.80 51 iPd 46 30.90 1.5
S 46 53.00
BOSA 2.08 214 eP 46 34.50 1.1
S 47 00.30
BLF 2.27 192 iPd 46 35.00 -1.3
S 47 04.00
NWL 2.99 107 eP 46 51.20 4.7X
S 47 28.70
FRS 3.12 203 iPc 46 47.60 -0.5
S 47 23.00
BFT 3.20 69 eP 46 48.00 -1.6
S 47 30.00
S.D. = 1.1 on 10 of 11 obs.

? JUN 19, 1994 09h 57m 21.74± 1.31s
39.138 N ± 9.7km 27.642 E ±15.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

IZM 0.80 202 ePg 57 37.10 -0.2
eSg 57 49.90
EDC 1.22 8 ePn 57 43.00 -1.4
EZN 1.23 304 ePn 57 45.00 0.4
KCT 1.24 26 ePn 57 45.90 1.1
S.D. = 1.9 on 4 of 4 obs.

? JUN 19, 1994 09h 59m 40.61± 0.94s
41.118 N ±10.8km 28.692 E ± 6.7km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

CTT 0.20 278 iPg 59 44.60 -0.1
ISK 0.28 101 ePg 59 46.30 0.0
eSg 59 50.80
DMK 0.99 315 ePg 00 00.00 0.1
EDC 0.99 220 ePg 00 00.00 0.1
eSg 00 13.00
S.D. = 0.2 on 4 of 4 obs.

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* JUN 19, 1994 10h 14m 21.50± 0.85s
52.158 N ±12.3km 173.733 E ±11.2km
DEPTH = 33.0km (normal)
3.9mb (7 obs.)
NEAR ISLANDS, ALEUTIAN ISLANDS (5)

SMY 0.62 21 ePd 14 34.23 0.5
ADK 5.92 89 (P) 15 49.59 0.4
IMA 21.42 37 eP 19 07.98 -0.5
1.0s 4.85nm 3.9mb
FBA 23.34 42 eP 19 27.71 0.5
0.8s 2.84nm 3.8mb
TOA 23.54 49 eP 19 30.20 0.9
KLU 23.60 51 eP 19 29.84 0.0
YKA 38.03 46 eP 21 37.70 -0.2
0.4s 0.80nm 3.9mb
NEW 42.90 67 eP 22 18.25 0.0
0.8s 1.92nm 3.9mb
LTX 63.05 76 eP 24 45.76 -1.9
KAF 63.19 344 iP 24 47.70 -0.3
0.4s 2.20nm 4.6mb
NB2 66.29 351 P 25 07.80 -0.4
0.5s 2.10nm 4.5mb
WRA 79.58 217 P 26 27.50 0.9
0.6s 0.60nm 3.8mb
S.D. = 0.9 on 12 of 12 obs.

& JUN 19, 1994 10h 39m 32.97s
40.354 N 124.457 W
DEPTH = 18.6km
4.7mb (43 obs.) 4.8Msz (1 obs.)
NEAR COAST OF NORTHERN CALIF. (35)
<GM-P>. MD 4.7 (GM). ML 4.9
(BRK). Mo=2.9*10**16 Nm (BRK).
Felt (V) at Honeydew; (IV) at
Eureka, Loleta, Miranda,
Petrolia, Rio Dell and Weott;
(III) at Bridgeville,
Hydesville, Korbel, Myers Flat,
Phillipsville, Redcrest and
Samoa. Felt from Garberville
north as far as McKinleyville.

KCTM 0.15 37 P 39 37.88 0.5
KMPM 0.26 76 iP 39 39.14 0.0
KCRM 0.49 81 P 39 43.15 0.3
ARC 0.60 29 iPd 39 43.74 -0.8
iS 39 52.32
KKPM 0.88 103 P 39 47.93 -1.6
KFPM 1.07 132 P 39 51.02 -1.7
GBDM 1.27 136 P 39 53.61 -2.2
WDC 1.48 81 eP 39 56.88 -1.8
LBKM 1.54 61 P 39 57.95 -1.8
GGUM 1.67 153 P 39 59.02 -2.5
GTSM 1.77 125 P 40 01.63 -1.4
GPMM 1.90 142 P 40 02.91 -2.0
YBH 1.91 43 iPd 40 03.03 -2.0
iS 40 25.71
GMOM 1.93 148 P 40 04.40 -0.9
LGBM 1.98 59 P 40 05.19 -1.1
GDXM 2.01 140 P 40 06.57 0.1
MIN 2.18 89 ePc 40 06.59 -2.4
LBFM 2.19 62 eP 40 07.81 -1.4
GARM 2.20 129 P 40 08.86 -0.3
LMEM 2.21 84 eP 40 07.81 -1.7
OSUM 2.28 117 P 40 07.88 -2.4
LRDM 2.29 86 P 40 09.39 -1.1
NTYM 2.41 144 eP 40 10.04 -2.0
ORV 2.41 108 ePc 40 09.51 -2.6
iS 40 39.70
OWYM 2.46 111 P 40 10.82 -1.9
NDHM 2.53 128 P 40 13.02 -0.8
HAMO 2.54 47 P 40 12.69 -1.5
VRC 2.60 40 P 40 13.83 -1.0
NPRM 2.61 154 P 40 12.52 -2.4
LAB 2.63 43 P 40 14.11 -1.3
GVR 2.70 139 P 40 16.34 0.0
AARM 2.85 111 P 40 17.09 -1.4
BBOR 2.86 27 P 40 17.19 -1.5
DBO 2.91 18 P 40 17.34 -1.9
HMR 3.01 136 eP 40 18.49 -2.1
BKS 3.02 144 iPd 40 18.78 -1.9
JEGM 3.23 151 eP 40 21.00 -2.8
MTC 3.27 140 P 40 23.62 -0.8
DOO 3.32 141 P 40 24.62 -0.4
HSO 3.33 17 P 40 24.06 -1.2
CDAL 3.37 140 P 40 25.30 -0.5
STAN 3.44 148 iPc 40 23.69 -3.1
CVAL 3.45 142 P 40 25.71 -1.1
MSJ 3.47 144 P 40 25.64 -1.6
JBMM 3.52 149 P 40 24.97 -3.1
CDVM 3.53 141 P 40 26.94 -1.0
SJH 3.54 148 P 40 25.57 -2.5
PSD 3.56 152 P 40 26.00 -2.6
CSTL 3.56 139 P 40 27.89 -0.6
SEC 3.57 149 P 40 25.54 -3.0
RNO 3.60 8 P 40 27.16 -1.9
JSMM 3.61 150 P 40 27.15 -2.1
MHR 3.66 144 P 40 28.46 -1.5
JBLM 3.68 150 P 40 27.00 -3.3
CMMM 3.70 140 P 40 29.52 -1.1
LT15 3.71 148 P 40 27.63 -3.1
COSM 3.72 139 P 40 30.52 -0.4
MHC 3.73 143 iPd 40 28.76 -2.2
JSTM 3.77 146 P 40 28.77 -2.6
ARN 3.77 142 eP 40 29.45 -2.0
COE 3.78 144 eP 40 29.53 -2.1
HBO 3.83 24 P 40 30.90 -1.6
CMB 3.92 125 iPc 40 31.88 -1.7
JRRM 3.93 146 P 40 30.84 -2.8
JELM 3.99 148 P 40 31.72 -2.8
GHS 4.02 143 P 40 32.95 -2.0
PCL 4.12 142 P 40 34.63 -1.8
DIL 4.15 147 P 40 33.58 -3.2
NCOR 4.16 35 P 40 35.95 -1.2
FBO 4.19 19 P 40 36.08 -1.4
MPOR 4.20 9 P 40 36.83 -0.8
LTR 4.25 144 P 40 35.77 -2.5
FRP 4.28 146 P 40 35.27 -3.5
SAO 4.29 146 eP 40 35.36 -3.5
TCO 4.31 29 P 40 37.80 -1.5
HJSM 4.31 144 P 40 36.24 -2.9
BCGM 4.38 145 P 40 37.36 -2.8
BLRM 4.45 145 P 40 38.52 -2.5
BCWM 4.64 150 P 40 41.06 -2.9
SHG 4.67 146 P 40 42.66 -1.6
SSOR 4.73 17 P 40 43.54 -1.7
BPO 4.76 25 P 40 44.05 -1.6
GMO 4.84 31 P 40 45.15 -1.5
VIPM 5.03 33 P 40 47.83 -1.6

MMPM 5.04 121 eP 40 49.24 -0.5
PAPM 5.06 150 P 40 46.80 -3.0
MEMM 5.07 120 eP 40 49.57 -0.2
KVN 5.07 103 eP 40 47.90 -2.2
VBEM 5.16 23 P 40 49.14 -2.1
PTV 5.16 144 P 40 50.47 -0.7
CROR 5.29 28 P 40 51.26 -1.7
TDH 5.31 21 P 40 53.55 0.2
PGO 5.32 15 P 40 52.94 -0.4
BONR 5.35 115 eP 40 52.50 -1.6
MRCM 5.35 118 eP 40 53.41 -0.7
VLMM 5.48 18 P 40 55.11 -0.6
PKEM 5.48 140 eP 40 53.96 -1.8
MTUM 5.49 121 eP 40 55.14 -0.9
VLL 5.50 21 P 40 54.39 -1.6
PHAM 5.53 143 eP 40 52.72 -3.7
VTHM 5.61 29 P 40 56.44 -1.1
VGB 5.82 26 eP 40 58.93 -1.5
MTMW 5.90 15 P 41 00.61 -1.0
LVP 5.90 14 P 41 00.74 -0.9
GULW 5.95 20 P 41 00.56 -1.7
SHW 6.06 15 eP 41 02.94 -0.9
TNP 6.06 110 eP 41 02.17 -1.9
JBO 6.13 32 P 41 04.28 -0.5
BMW 6.18 8 eP 41 04.11 -1.5
GL2 6.20 24 P 41 04.59 -1.2
BCH 6.21 145 eP 41 03.53 -2.6
WLHM 6.40 129 P 41 09.22 0.2
PKM 6.57 145 P 41 09.52 -1.8
ISA 6.65 133 eP 41 11.29 -1.0
LON 6.68 16 eP 41 10.50 -2.1
ABL 6.89 141 eP 41 13.33 -2.4
TPNV 7.27 115 eP 41 19.38 -1.6
GMW 7.29 9 eP 41 18.78 -2.3
RMW 7.36 14 eP 41 20.50 -1.6
GSC 7.88 127 eP 41 28.03 -1.4
SSK 8.16 137 eP 41 31.81 -1.7
CSP 8.28 135 eP 41 32.94 -2.1
MCW 8.40 7 eP 41 35.17 -1.5
PEC 8.69 136 eP 41 38.35 -2.4
DUG 8.90 87 eP 41 41.99 -1.8
HVU 8.94 77 eP 41 43.02 -1.3
ARUT 8.94 103 eP 41 42.04 -2.3
PLM 9.26 137 eP 41 46.71 -2.0
PTI 9.40 71 eP 41 50.79 0.2
NEW 9.49 31 eP 41 48.70 -3.0
MSU 9.68 97 eP 41 52.76 -1.8
DAU 10.07 85 eP 41 59.55 -0.5
LRM 10.34 54 eP 42 01.40 -2.2
EMUT 10.47 89 eP 42 05.28 -0.1
SRU 10.80 92 eP 42 10.21 0.3
BW06 11.43 73 eP 42 15.71 -2.7
PV09 12.00 94 eP 42 26.30 0.0
PV10 12.10 94 eP 42 27.00 -0.6
PV08 12.35 93 eP 42 30.37 -0.7
GOL 14.64 86 eP 42 59.68 -1.5
0.9s 23.46nm 4.7mb
GLD 14.75 86 eP 43 01.64 -0.9
1.3s 53.23nm 4.9mb
ALQ 15.24 105 eP 43 08.61 -0.4
1.4s 61.21nm 4.7mb
SIT 18.15 341 eP 43 46.00 0.7
1.2s 59.10nm 4.6mb
LTX 20.25 116 eP 44 08.36 -1.7
WMOK 21.08 97 eP 44 14.40 -4.1
0.8s 10.90nm 4.3mb
MEO 21.21 97 iPc 44 16.00 -3.8
OCO 21.78 94 iPc 44 21.60 -4.0
ULM 22.28 54 eP 44 28.00 -2.4
TUL 22.93 92 iPc 44 33.10 -3.8
YKA 22.95 12 eP 44 36.00 -0.9
1.1s 28.60nm 4.7mb
VVO 23.17 93 iPc 44 39.60 0.3
BALM 23.45 338 eP 44 42.74 0.9
KLU 24.89 335 eP 44 55.62 -0.2
MIAR 25.11 93 eP 44 55.53 -2.5
1.3s 16.59nm 4.5mb
TOA 25.43 336 eP 45 02.30 1.4
0.8s 19.00nm 4.8mb
JFWS 25.59 73 P 44 58.90 -3.6
0.8s 10.69nm 4.6mb
PMR 26.03 333 eP 45 07.20 0.8
1.3s 5.80nm 4.1mb
FBA 28.04 339 eP 45 24.00 -0.6
1.2s 8.80nm 4.4mb
SVW 28.19 328 eP 45 25.80 -0.3
1.0s 15.10nm 4.7mb

19d 10h

INK 28.44 353 eP 45 28.00 -0.2
1.0s 5.00nm 4.2mb
TTA 29.37 331 eP 45 36.40 -0.4
1.7s 71.70nm 5.2mb
IMA 30.58 337 eP 45 47.40 -0.1
0.5s 4.40nm 4.6mb
YSNY 34.18 71 eP 46 16.52 -2.6
0.8s 28.03nm 5.2mb
BRW 35.03 343 eP 46 25.90 -0.1
JAQ 35.09 51 eP 46 25.00 -1.8
CEH 35.67 82 eP 46 29.30 -2.5
0.9s 33.71nm 5.2mb
GAC 35.75 65 eP 46 30.50 -1.9
MBC 36.06 2 eP 46 34.00 -0.7
0.6s 5.00nm 4.6mb
RSNY 36.61 67 eP 46 36.34 -3.4
1.4s 34.04nm 5.0mb
RES 37.02 13 eP 46 42.00 -0.7
1.0s 5.00nm 4.3mb
LBNH 38.50 66 eP 46 54.71 -0.9
1.1s 59.40nm 5.3mb
FRB 39.81 35 eP 47 09.00 2.8
ILT 40.00 331 iPd 47 07.20 -0.5
1.2s 52.00nm 5.1mb
Z 12s 0.30um 4.4MszX
E 14s 0.30um
eS 53 14.00
eSS 56 36.00
CBM 40.54 61 eP 47 10.60 -1.8
LMN 43.02 62 eP 47 32.00 -0.8
1.0s 17.00nm 4.7mb
DAG 54.55 16 iPd 48 59.70 -1.8
0.7s 9.59nm 4.9mb
YAK 61.94 329 iPd 49 52.10 -1.3
0.8s 37.00nm 5.6mb
LVZ 70.92 8 eP 50 48.90 -1.6
e 00 09.40
NB2 72.70 21 P 50 59.60 -1.6
0.9s 3.40nm 4.4mb
LPAZ 76.87 125 P 51 24.00 -2.4
LPB 77.07 125 eP 51 24.00 -3.3
ZAK 80.42 331 eP 51 52.00 7.5
1.4s 12.00nm 4.7mb
LSF 81.21 35 eP 51 47.70 -1.1
1.2s 8.35nm 4.6mb
LOR 81.40 33 eP 51 49.00 -0.8
1.2s 9.80nm 4.7mb
SSF 81.41 33 eP 51 49.20 -0.6
1.2s 8.05nm 4.6mb
CLL 81.45 25 eP 51 50.00 0.1
1.4s 7.00nm 4.5mb
TCF 81.48 34 eP 51 49.00 -1.2
1.3s 11.90nm 4.8mb
BGF 81.54 34 eP 51 49.60 -0.9
1.0s 6.00nm 4.6mb
AVF 81.56 33 eP 51 49.70 -0.9
1.1s 4.90nm 4.5mb
LBF 81.67 33 eP 51 50.30 -0.9
1.4s 9.60nm 4.7mb
MAF 81.68 34 eP 51 50.30 -1.0
1.3s 11.20nm 4.8mb
CDF 81.83 30 eP 51 51.60 -0.5
1.1s 4.90nm 4.5mb
SMF 81.88 33 eP 51 51.20 -1.1
1.6s 19.30nm 4.9mb
BSF 82.12 31 eP 51 52.80 -0.8
1.2s 8.35nm 4.7mb
BRG 82.13 25 iP 51 53.80 0.3
GRF 82.22 27 eP 51 54.80 0.8
Z 17s 0.30um 4.7MszX
CAF 82.48 35 eP 51 54.30 -1.2
1.2s 9.20nm 4.8mb
PAB 83.54 42 eP 52 01.20 0.1
eS 02 30.00
OBN 83.55 11 eP 52 08.00 7.3
Z 20s 0.40um 4.8Msz
N 20s 0.40um
GEC2 83.79 26 PKP 52 02.40 0.1
1.0s 1.29nm 4.1mb
e 52 09.10
LPL 83.99 32 eP 52 03.70 0.3
LPG 84.01 32 eP 52 03.90 0.3
0.8s 2.95nm 4.6mb
ZST 85.48 25 eP 52 10.70 0.1
BRVK 86.09 351 eP 52 10.00 -3.5
1.0s 10.00nm 5.0mb
WRA 111.00 261 PKP 58 06.20 -0.8

0.5s 0.30nm
205 obs. associated

JUN 19, 1994 10h 53m 17.61± 0.51s
44.554 N ±10.5km 149.415 E ± 8.4km
DEPTH = 33.0km (normal)
4.6mb (32 obs.) 4.5Msz (2 obs.)
KURIL ISLANDS (221)

MAT 11.68 231 eP 56 04.00 -1.0
0.7s 10.27nm 5.1mb
BJI 24.89 271 eP 58 36.50 -2.1
LZH 35.37 272 Pd 00 13.50 1.3
1.4s 36.00nm 5.1mb
Z 15s 0.24um 4.1MszX
pP 00 22.50 30kmX
TTA 35.78 40 eP 00 15.00 -0.2
1.4s 18.40nm 4.8mb
IMA 37.10 35 eP 00 25.57 -0.8
0.7s 3.24nm 4.3mb
PMS 38.79 42 e(P) 00 50.70 10.2X
1.3s 22.60nm
FBA 39.48 37 eP 00 46.08 -0.1
0.8s 0.99nm 3.6mb X
TOA 40.34 41 eP 00 53.80 0.5
0.8s 9.40nm 4.6mb
INK 44.88 31 eP 01 30.50 0.4
MBC 47.53 19 eP 01 51.50 0.5
RES 53.72 17 eP 02 37.00 -1.0
1.0s 5.00nm 4.5mb
YKA 54.22 35 eP 02 40.80 -1.0
0.9s 2.10nm 4.2mb
KAF 64.31 334 eP 03 49.70 -1.9
LRM 64.59 50 eP 03 53.70 -0.3
WRA 65.64 196 P 04 01.50 0.9
0.5s 1.50nm 4.3mb
NUR 66.05 334 eP 04 01.40 -1.4
GBA 67.76 267 P 04 14.00 -0.3
NB2 69.43 340 P 04 22.00 -2.0
0.5s 3.50nm 4.7mb
SRU 70.00 55 eP 04 27.81 -0.2
PV10 71.35 54 eP 04 35.66 -0.7
CLL 77.33 334 iPc 05 10.00 -0.2
0.9s 16.00nm 5.0mb
BRG 77.41 333 e(P) 05 10.60 0.0
PRU 77.97 332 Pd 05 14.20 0.5
1.0s 8.00nm 4.7mb
KHC 79.03 332 P 05 20.50 0.9
1.0s 8.90nm 4.7mb
e 05 41.50
GEC2 79.23 332 P 05 20.80 0.0
0.7s 2.54nm 4.3mb
GRF 79.31 334 ePd 05 22.10 1.0
0.9s 3.80nm 4.4mb
KBA 80.88 331 iPd 05 30.70 1.0
0.8s 5.50nm 4.6mb
WTTA 81.30 332 iPc 05 32.50 0.6
0.8s 8.70nm 4.8mb
CDF 81.64 336 eP 05 33.30 -0.3
0.6s 1.70nm 4.2mb
FLN 83.40 340 eP 05 42.30 -0.2
0.5s 2.60nm 4.6mb
Z 18s 0.22um 4.6Msz
LDF 83.47 340 eP 05 43.40 0.5
0.9s 6.70nm 4.8mb
LOR 83.66 337 eP 05 44.00 0.1
0.7s 2.20nm 4.4mb
Z 18s 0.17um 4.5Msz
GRR 83.84 341 eP 05 44.90 0.1
0.6s 4.05nm 4.8mb
LBF 83.89 337 eP 05 45.20 0.1
1.0s 3.80nm 4.5mb
SSF 83.95 337 eP 05 44.80 -0.6
0.6s 1.45nm 4.3mb
SMF 84.23 337 eP 05 47.30 0.5
0.8s 5.65nm 4.8mb
AVF 84.24 337 eP 05 47.30 0.5
0.8s 3.10nm 4.5mb
MAF 84.97 338 eP 05 51.40 0.9
0.7s 5.30nm 4.8mb
TCF 85.01 338 eP 05 51.50 0.8
0.8s 3.35nm 4.6mb
LSF 85.23 338 eP 05 52.30 0.5
0.7s 3.00nm 4.6mb
MFF 85.33 339 eP 05 52.90 0.6
0.6s 2.80nm 4.6mb
CAF 86.31 337 eP 05 58.10 0.9

0.9s 4.60nm 4.7mb
LFF 86.65 338 eP 05 59.20 0.4
0.7s 4.50nm 4.8mb
LPO 86.77 338 eP 06 00.90 1.4
0.8s 5.50nm 4.8mb
BAO 147.62 33 ePKP 13 00.90 3.2X
S.D. = 0.9 on 43 of 45 obs.

& JUN 19, 1994 11h 52m 10.09s
40.357 N 124.461 W
DEPTH = 19.0km
NEAR COAST OF NORTHERN CALIF. (35)
<GM-P>. MD 2.9 (GM).

KCTM 0.15 39 P 52 15.06 0.5
KJJM 0.16 133 P 52 14.81 0.1
KMPM 0.27 77 iPd 52 16.38 0.1
KSMM 0.28 128 P 52 16.42 0.0
KBBM 0.49 109 P 52 20.50 0.5
KCRM 0.50 82 P 52 20.28 0.2
KBRM 0.54 46 P 52 20.42 -0.3
KGMM 0.72 56 P 52 23.61 -0.4
KHMM 0.76 47 P 52 23.98 -0.6
KBSM 0.80 123 P 52 24.56 -0.6
KKPM 0.89 103 P 52 25.12 -1.6
KIPM 0.93 126 P 52 26.73 -0.8
KCPM 0.95 134 P 52 24.71 -3.1
GCBM 1.21 143 P 52 30.11 -1.9
GNAM 1.32 151 P 52 31.44 -2.1
WDC 1.48 81 eP 52 34.00 -1.8
LBKM 1.55 61 P 52 35.34 -1.6
LBFM 2.19 62 eP 52 45.22 -1.1
MGL 2.29 103 P 52 45.65 -2.0
OBHM 2.41 106 P 52 47.75 -1.5
ORV 2.41 108 eP 52 47.50 -1.7
21 obs. associated

JUN 19, 1994 12h 17m 35.04± 0.42s
40.769 N ± 4.9km 27.483 E ± 3.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.0 (ISK).

MFT 0.15 277 ePg 17 39.30 0.6
EDC 0.51 145 iPg 17 45.80 0.4
iSg 17 53.00
CTT 0.81 62 iPg 17 51.20 0.4
KCT 0.84 128 ePn 17 51.60 0.3
DMK 1.07 11 ePn 17 55.50 0.3
ISK 1.23 76 ePn 17 57.90 0.0
EZN 1.29 224 iPn 17 58.80 -0.2
IZI 1.58 105 ePn 18 02.70 -0.5
HRT 1.66 87 ePn 18 03.70 -0.6
KDZ 1.79 300 P 18 06.00 -0.2
RZN 2.28 295 eP 18 13.00 -0.5
MMB 2.95 287 eP 18 29.00 6.2X
KKB 3.49 290 eP 18 37.00 6.5X
S.D. = 0.5 on 11 of 13 obs.

& JUN 19, 1994 12h 21m 20.38s
40.355 N 124.464 W
DEPTH = 19.1km
NEAR COAST OF NORTHERN CALIF. (35)
<GM-P>. MD 3.1 (GM).

KCTM 0.16 39 P 21 25.40 0.5
KJJM 0.16 132 P 21 25.12 0.1
KBBM 0.50 108 P 21 30.70 0.4
KCRM 0.50 82 P 21 30.68 0.3
KBRM 0.54 46 P 21 30.75 -0.3
KHMM 0.76 47 P 21 34.30 -0.6
KBSM 0.80 123 P 21 34.91 -0.6
KKPM 0.89 103 P 21 35.47 -1.6
KCPM 0.95 134 P 21 37.34 -0.8
KFPM 1.07 131 P 21 38.50 -1.7
KBNM 1.08 115 P 21 40.43 0.1
KSPM 1.12 138 P 21 39.34 -1.6
GBDM 1.27 135 P 21 41.13 -2.1
GNAM 1.32 151 P 21 41.77 -2.1
WDC 1.49 81 eP 21 44.22 -1.9
GHOM 1.49 151 P 21 44.86 -1.4
GAS 1.51 117 P 21 52.34 5.6
KTRM 1.76 28 P 21 48.38 -1.8
LMPM 2.08 56 P 21 54.56 -0.4
LBFM 2.19 62 P 21 55.74 -0.9
MGL 2.29 103 P 21 56.45 -1.5
OBHM 2.41 106 P 21 58.09 -1.5

ORV 2.41 108 eP 21 56.81 -2.7
23 obs. associated

JUN 19, 1994 12h 57m 01.28± 0.28s
10.346 S ± 5.6km 113.479 E ± 6.2km
DEPTH = 33.0km (7 depth phases)
5.3mb (26 obs.) 4.8Msz (3 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 2.38 46 ePd 57 40.50 1.7
eS 58 11.00
e 04 50.50
TRT 2.75 342 iPc 57 46.10 2.0
iS 58 15.80
SJI 3.10 327 ePd 57 48.50 -0.5
eS 58 27.00
WSI 6.74 85 ePc 58 43.00 2.4
eS 59 52.00
LEM 6.77 301 iPd 58 41.50 0.4
iS 00 12.00
MKS 7.82 50 iPc 59 00.90 5.2X
TPI 9.50 322 ePd 59 18.50 -0.4
e 04 00.00
NANU 12.30 171 eP 59 49.80 -7.3X
eS 01 54.00
MBL 12.37 151 eP 59 49.00 -8.9X
0.3s 12.00nm 5.5mb
eS 01 54.00
TSM 15.19 17 eP 00 38.50 3.4X
KGM 15.91 320 ePd 00 43.00 -1.4
MRWA 18.92 173 eP 01 16.00 -6.0X
0.4s 22.00nm 4.7mb
eS 04 31.00
IPM 19.33 320 ePd 01 27.10 0.2
0.8s 58.30nm 4.9mb
WARB 20.08 143 eP 01 32.90 -2.1
iS 05 03.00
BAL 20.38 172 eP 01 34.00 -4.0X
PPR 20.66 15 ePc 01 34.00 -7.0X
DAV 21.10 35 eP 01 45.00 -0.4
eS 05 30.60
KLB 21.51 170 eP 01 47.50 -2.1
SNG 21.61 323 eP 01 51.40 0.8
eS 05 56.00
COOL 21.64 162 eP 01 48.40 -2.5
e 01 56.00 27km
eS 05 34.00
CGP 21.76 31 eP 01 53.00 0.9
BIP 22.41 35 eP 01 58.00 -0.6
NWAO 22.74 172 eP 01 56.50 -5.2X
e 02 06.00 35km
ASPA 23.55 127 P 02 09.50 -0.3
0.8s 100.50nm 5.4mb
PLP 24.24 28 ePd 02 16.70 0.3
PGP 24.83 18 iPc 02 23.00 0.9
NNT 26.56 329 iPd 02 39.50 1.2
NST 29.03 333 eP 03 01.40 0.7
LOE 29.92 337 iPc 03 08.00 -0.7
BDT 30.92 332 eP 03 16.00 -1.4
1.0s 82.80nm 5.5mb
CHTO 32.33 334 ePc 03 29.80 0.0
1.3s 31.86nm 5.1mb
CTA 33.02 111 P 03 36.09 0.2
KMI 36.78 344 Pc 04 09.60 1.5
1.6s 220.00nm 5.8mb
Z 14s 2.80um 5.2MszX
N 13s 1.80um
E 13s 1.30um
pP 04 24.00 55kmX
sP 04 30.00
S 10 03.00
GUMO 39.19 53 eP 04 22.10 -6.1X
1.0s 202.20nm 5.8mb
PJG 39.19 53 eP 04 22.50 -5.7X
GUA 39.20 53 e(P) 04 24.30 -4.0X
0.8s 131.34nm 5.7mb
TOO 39.53 139 iPc 04 31.60 0.7
SSE 41.86 10 Pc 04 50.50 0.5
1.1s 59.00nm 5.2mb
Z 20s 0.90um 4.6Msz
pP 04 57.50 24km
S 11 08.00
GBA 42.96 303 P 05 00.00 0.8
HYB 44.18 308 eP 05 09.00 -0.2
HNR 45.76 93 eP 05 20.00 -1.8
LZH 47.07 349 Pc 05 32.00 0.0
2.0s 100.00nm 5.5mb
Z 15s 1.64um 5.1MszX
N 14s 1.25um
pP 05 43.50 41km
sP 05 47.50
ePP 07 22.50
S 12 18.00
sS 12 30.00
TKSJ 48.22 23 P 05 38.20 -2.7
POO 48.50 306 eP 05 45.00 1.7
WKYJ 49.04 24 eP 05 45.30 -2.0
YONJ 49.08 22 eP 05 45.00 -2.5
BJI 50.19 3 eP 05 55.00 -0.8
2.0s 64.00nm 5.3mb
Z 22s 1.00um 4.8Msz
N 16s 0.67um
eS 13 05.00
eSS 16 35.00
MAT 52.12 25 eP 06 06.00 -4.7X
2.0s 170.59nm 5.7mb
eS 13 08.00
NDI 52.27 319 eP 06 10.50 -1.4
ZAK 61.12 353 eP 07 13.20 -1.3
1.6s 31.00nm 5.2mb
YSS 62.78 22 eP 07 23.50 -2.2
IRK 62.86 354 eP 07 25.00 -1.2
1.4s 21.00nm 5.1mb
FRU 63.72 329 eP 07 32.00 0.0
2.0s 40.00nm 5.2mb
MAW 66.17 199 P 07 48.09 0.7
BOD 67.96 0 eP 07 57.70 -1.1
MAIO 68.76 315 iPc 08 04.00 -0.4
eS 17 03.00
ASH 70.40 316 eP 08 12.00 -2.3
BRVK 73.10 334 eP 08 30.00 -0.1
1.0s 15.00nm 4.9mb
YAK 73.25 8 iPc 08 29.20 -1.5
1.5s 199.00nm 5.9mb
i 08 47.00 65kmX
e 11 22.00
ePPP 13 08.00
iS 17 53.00
e 18 26.00
ePS 18 45.00
PET 73.92 26 eP 08 35.00 0.2
1.2s 100.00nm 5.7mb
eS 18 06.00
KER 76.94 309 eP 08 51.00 -1.6
SPA 79.72 180 iPd 09 06.50 -0.8
1.3s 7.50nm 4.5mb
SVE 79.75 334 iPc 09 07.90 0.5
2.0s 60.00nm 5.2mb
Z 20s 0.60um 4.9Msz
N 20s 0.30um
E 20s 0.50um
e 09 22.00 49kmX
GRO 81.42 317 eP 09 29.00 12.6X
PYA 83.44 317 eP 09 30.00 3.1X
i 09 42.00 40km
KIV 83.66 317 eP 09 31.60 3.4X
1.4s 8.00nm 4.7mb
e 09 43.80 40km
e 19 48.90
SNA 88.70 198 e(P) 09 53.00 0.6
0.5s 8.00nm 5.3mb
MOS 90.64 327 eP 10 08.00 6.5X
e 10 16.00 25km
OBN 91.01 326 ePd 10 11.00 7.8X
1.5s 35.00nm 5.5mb
Z 24s 0.60um 5.0MszX
N 22s 0.40um
E 24s 0.50um
(S) 21 06.00
ePS 22 14.00
(SS) 27 00.00
ILT 91.41 21 iPc 10 03.00 -1.9
e 20 38.00
eS 21 08.00
BCAO 95.64 273 iPd 10 26.10 0.6
0.7s 9.00nm 5.3mb
SDN 96.17 35 (P) 10 26.56 -0.4
0.9s 21.08nm 5.6mb
GMW 120.09 41 ePKP 15 51.00 0.6
RMW 120.75 40 ePKP 15 53.41 1.7
LBFM 122.58 47 ePKP 15 55.98 0.4
NEW 123.37 38 ePKP 15 57.52 0.8
LRM 127.31 39 ePKP 16 06.00 1.3
DUG 129.46 46 ePKP 16 10.17 1.4
DAU 130.46 45 (PKP) 16 12.64 1.7
MSU 130.56 48 ePKP 16 11.85 0.8
PV10 132.87 46 ePKP 16 16.97 1.5
GOL 134.81 43 ePKP 16 20.36 1.2
ALQ 136.18 50 ePKP 16 23.80 2.0
WMOK 141.86 45 ePKP 16 26.41 -5.6X
TUL 143.22 42 iPKPd 16 32.00 -2.2
LMN 144.59 358 ePKP 16 36.50 0.2
1.0s 6.00nm
TYS 144.64 34 ePKP 16 35.62 -0.9
ELF 144.83 19 PKP 16 36.75 0.0
ACTO 144.83 17 PKP 16 36.38 -0.4
WLVO 145.00 15 PKP 16 36.83 -0.1
LDN 145.01 19 PKP 16 37.10 0.1
DLA 145.05 19 PKP 16 37.50 0.4
FVM 145.10 34 ePKP 16 36.38 -1.0
RSNY 145.23 10 ePKP 16 37.31 -0.1
TYNO 145.36 17 PKP 16 38.08 0.4
STCO 145.46 16 PKP 16 38.50 0.7
MIAR 145.49 42 ePKP 16 38.76 0.6
ITR 146.20 237 ePKP 16 41.10 1.2
i 16 41.90
YSNY 146.31 16 ePKP 16 40.65 1.3
BINY 147.20 13 ePKP 16 41.71 1.0
BAO 148.33 216 ePKP 16 44.10 0.7
e 16 48.10
e 16 50.50
MOCB 148.59 182 PKP 16 46.50 2.4
GMTN 148.84 11 iPKP 16 49.00 5.7X
CCH 152.45 181 ePKP 16 59.00 9.2X
LPB 153.25 177 PKP 17 00.20 9.2X
SIV 153.28 192 PKP 16 52.10 1.5
LPAZ 153.49 177 PKP 16 55.20 3.5X
S.D. = 1.3 on 85 of 107 obs.

& JUN 19, 1994 13h 42m 57.52s
40.352 N 124.458 W
DEPTH = 19.9km
NEAR COAST OF NORTHERN CALIF. (35)
<GM-P>. MD 3.0 (GM).

KCTM 0.15 37 P 43 02.62 0.5
KJJM 0.16 132 P 43 02.26 0.1
KSMM 0.27 127 P 43 03.83 0.0
KBBM 0.49 108 P 43 07.75 0.4
KCRM 0.49 81 P 43 07.80 0.3
KBRM 0.54 45 P 43 07.88 -0.3
KGMM 0.72 56 P 43 10.97 -0.5
KHMM 0.76 46 P 43 11.46 -0.6
KBSM 0.79 123 P 43 11.61 -0.9
KKPM 0.88 103 P 43 12.80 -1.3
KIPM 0.93 126 P 43 14.02 -0.8
KFPM 1.07 132 P 43 15.42 -1.8
KSPM 1.11 138 P 43 16.51 -1.5
GBDM 1.27 135 P 43 18.02 -2.2
GNAM 1.32 151 P 43 18.69 -2.2
WDC 1.48 81 eP 43 21.19 -2.0
GHOM 1.49 151 P 43 21.12 -2.2
LBKM 1.55 61 P 43 22.70 -1.6
MGL 2.29 103 P 43 33.49 -1.5
OBHM 2.41 106 P 43 35.09 -1.5
20 obs. associated

JUN 19, 1994 13h 43m 51.19± 0.30s
43.273 S ± 7.5km 171.611 E ± 5.1km
DEPTH = 10.0km (geophysicist)
5.7mb (15 obs.) 5.9Msz (35 obs.)
SOUTH ISLAND, NEW ZEALAND (162)
Mw 6.0 (GS), 5.9 (HRV). Ms 5.9 (BRK). ML 5.8 (WEL). Minor damage (VI) in the epicentral area. Felt in northern and central South Island.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=173 Dip=83 Slip= -8
NP2: 264 82 -173
Principal Axes:
T Plg= 1 Azm=219
P 11 128
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a small normal component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION

19d 13h

Dep 14 No. of sta: 5
Moment Tensor; Scale 10**18 Nm
Mrr=-0.05 Mtt= 0.21
Mff=-0.16 Mrt= 0.16
Mrf=-0.41 Mtf=-0.90
Principal axes:
T Val= 1.08 Plg=19 Azm= 41
N -0.13 65 181
P -0.95 15 306
Best Double Couple:Mo=1.0*10**18
NP1:Strike= 83 Dip=66 Slip= 177
NP2: 174 87 25
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 60S,139C
Centroid Location:
Origin Time 13:43:57.7 0.1
Lat 43.24S 0.02 Lon 171.54E 0.02
Dep 15.0 FIX Half-duration 2.1
Moment Tensor; Scale 10**17 Nm
Mrr= 1.05 0.09 Mtt= 1.51 0.12
Mff=-2.55 0.12 Mrt= 1.97 0.30
Mrf= 0.50 0.33 Mtf=-6.92 0.09
Principal Axes:
T Val= 6.97 Plg=13 Azm= 35
N 1.04 74 255
P -8.01 10 128
Best Double Couple:Mo=7.5*10**17
NP1:Strike=172 Dip=74 Slip= 2
NP2: 81 88 164

EWZ 0.60 246 P 44 03.40 0.0
MQZ 0.87 120 P 44 10.30 2.3
TMP 1.50 226 P 44 19.00 0.8
SNZO 3.02 51 eP 44 39.00 -0.9
CAW 3.36 51 P 44 43.50 -1.2
RIV 18.53 294 eP- 48 11.30 1.8
eS 51 40.00
CNB 18.93 287 iPd 48 15.30 0.8
0.5s 95.00nm 5.3mb
eTT 03 35.00
CAN 19.18 287 eP 48 18.40 0.9
i 48 20.00
eS 51 16.50
eTT 02 58.00
BWA 20.06 288 eP 48 24.90 -2.4
i 48 26.50
TOO 20.64 277 iPc 48 33.50 0.1
0.7s 190.00nm 5.6mb
iPP 49 30.60
eS 52 19.30
eTT 04 37.00
NOUC 21.57 347 iPc 48 45.00 2.1
DZM 21.58 347 iPc 48 43.80 0.7
BKM 25.68 353 iPc 49 26.40 3.5X
VUN 25.85 15 eP 49 26.70 2.2
ADE 26.71 277 e(P) 49 33.00 0.6
DRV 29.04 205 eP 49 58.00 4.9X
eS 54 39.00
CTA 31.40 309 P 50 15.60 1.1
CTAO 31.40 309 eP 50 14.61 0.1
1.1s 131.39nm 5.8mb
RAR 32.44 56 eP 50 24.12 0.6
0.9s 165.15nm 6.0mb
SBA 34.75 182 eP 50 48.50 5.5X
HNR 35.22 340 eP 50 48.00 0.4
ASPA 36.64 290 P 50 58.50 -1.1
1.0s 86.70nm 5.5mb
PMG 39.92 320 eP 51 28.00 0.9
WARB 40.17 280 eP 51 29.00 -0.2
WOOL 41.02 270 eP 51 35.80 -0.2
LAT 42.41 322 eP 51 48.50 1.0
RAB 42.57 331 e(P) 51 49.00 0.2
KLB 43.64 267 eP 51 57.00 -0.4
PMO 44.56 63 eP 52 04.40 -0.6
1.7s 455.80nm 6.1mb
TPT 44.76 64 eP 52 05.70 -0.9
1.7s 670.50nm 6.3mb
RUV 44.76 64 eP 52 05.30 -1.3
1.6s 478.90nm 6.2mb
BAL 44.92 267 eP 52 07.00 -0.9
KNA 45.58 294 eP 52 12.50 -0.6
WWKK 46.64 320 eP 52 23.00 1.4
SPA 46.92 180 eP 52 27.00 3.6X
0.9s 30.00nm 5.4mb
Z 18s 5.65um 5.6Msz
MBL 48.17 280 eP 52 31.00 -2.6

0.7s 55.00nm 5.7mb
NANU 50.41 275 eP 52 50.50 -0.2
MAW 57.25 206 eP 53 43.00 2.4
1.2s 79.40nm 5.6mb
GUMO 61.65 330 (P) 54 08.80 -2.7
DAV 65.20 308 eP 54 27.90 -7.0X
BIP 65.74 309 eP 54 37.00 -1.3
CGP 66.81 308 eP 54 45.00 -0.2
TSM 67.67 300 ePd 54 50.70 0.0
KKM 70.06 299 ePd 55 04.50 -1.0
0.8s 99.00nm 6.0mb
HON 70.09 30 P 55 10.00 4.6X
Z 21s 5.16um 5.7Msz
KIP 70.18 30 (P) 55 04.40 -1.5
PPR 71.38 304 ePd 55 15.00 1.6
QCP 73.87 309 eP 55 21.00 -7.0X
BAG 75.58 310 eP 55 37.30 -0.8
KGM 75.75 287 ePc 55 39.00 0.0
CVP 75.93 311 ePc 55 46.00 6.1X
SNG 81.30 288 eP 56 09.60 0.4
TATO 82.06 315 (P) 56 12.10 -0.8
PEL 85.02 132 iP+ 56 30.20 2.0
MAJO 85.06 334 eP 56 27.06 -0.9
1.0s 22.13nm 5.3mb
MAT 85.06 334 eP 56 33.00 5.1X
Z 20s 1.42um 5.4Msz
eS 06 38.00
NNT 85.76 292 eP 56 24.00 -7.9X
NST 87.70 294 iPd 56 40.50 -0.8
LOE 87.89 296 eP 56 42.00 -0.2
BDT 89.58 294 eP 56 51.00 0.8
1.0s 62.10nm 5.8mb
CHTO 90.73 295 eP 56 57.00 1.4
ASAJ 90.78 340 eP 56 58.30 3.1X
KMI 92.85 302 ePd 57 00.00 -5.5X
1.1s 10.00nm 5.1mb
Z 28s 5.40um 5.9MszX
N 20s 1.80um
E 20s 1.90um
pP 57 09.60 30kmX
S 07 50.00
YSS 93.47 341 (P) 57 08.00 0.5
e 08 20.00
e 14 45.50
SMY 95.65 2 P 57 20.00 2.7
Z 20s 1.56um 5.5Msz
SMY 95.65 2 P 57 30.00 12.7X
Z 20s 1.56um 5.5Msz
LPB 99.22 123 eP 57 44.00 8.9X
LPAZ 99.39 123 P 57 41.90 5.8X
SAO 100.21 49 Pdiff 57 50.00 11.4X
Z 18s 4.53um 6.0Msz
ISA 101.08 51 Pdiff 57 50.00 7.4X
Z 20s 2.66um 5.8Msz
CMB 101.72 48 Pdiff 57 50.00 4.7X
Z 20s 3.48um 5.9Msz
ORV 102.21 47 ePdiff57 42.36 -5.1X
Z 20s 2.50um 5.7Msz
eSKS 08 26.36
eS 09 42.36
ePS 11 03.36
eSS 16 25.36
eLQ 26 06.36
eLR 30 50.36
WDC 102.41 45 Pdiff 58 00.00 11.7X
Z 18s 3.67um 5.9Msz
TPNV 103.26 52 (Pdiff57 52.28 -0.1
DUG 107.44 51 PKP 02 30.00 10.6X
Z 20s 2.53um 5.8Msz
ALQ 107.77 59 ePKP 02 39.01 18.7X
Z 20s 0.77um 5.3Msz
DAU 108.47 52 ePKP 02 45.86 24.2X
TTA 108.97 15 PKP 02 11.70 -9.8X
PMR 109.23 19 PKP 02 30.00 8.1X
Z 19s 1.15um 5.5Msz
SIT 109.40 28 PKP 02 30.00 7.7X
Z 20s 1.23um 5.5Msz
NEW 110.57 43 PKP 02 30.00 5.0X
Z 20s 3.79um 6.0Msz
GOL 111.47 55 PKP 02 40.00 12.8X
Z 18s 3.43um 6.0Msz
GLD 111.59 55 PKP 02 40.00 12.6X
Z 19s 3.95um 6.0Msz
WMOK 112.54 63 PKP 02 40.00 10.9X
Z 20s 6.88um 6.2Msz
MIAR 115.86 66 PKP 02 40.00 4.6X
Z 20s 2.62um 5.8Msz

MIAR 115.86 66 PKP 02 50.00 14.6X
Z 20s 2.62um 5.8Msz
INK 118.54 20 ePKP 02 46.00 6.5X
1.0s 3.00nm
FVM 119.90 65 PKP 02 50.00 7.0X
Z 20s 7.66um 6.3Msz
SLM 120.39 64 PKP 02 50.00 6.1X
Z 19s 2.72um 5.9Msz
FRU 121.88 301 ePKP 02 47.00 0.3
MYNC 122.57 71 PKP 03 00.00 11.8X
Z 20s 1.56um 5.7Msz
JFWS 122.64 60 PKP 02 47.67 -0.4
Z 19s 2.33um 5.8Msz
ULM 122.97 50 ePKP 02 50.00 1.5
CEH 126.49 72 ePKP 02 54.26 -1.5
Z 19s 1.62um 5.7Msz
MBC 126.91 16 ePKP 02 54.50 -0.9
1.0s 8.00nm
MAIO 128.66 287 ePKP 03 03.00 2.9X
YSNY 130.02 65 PKP 03 10.00 7.6X
Z 20s 4.65um 6.2Msz
BINY 131.60 67 PKP 03 10.00 4.6X
Z 20s 3.12um 6.0Msz
BINY 131.60 67 PKP 03 20.00 14.6X
Z 20s 3.12um 6.0Msz
RES 132.09 21 ePKP 03 07.00 1.7
1.0s 3.00nm
LSCT 133.24 69 PKP 03 20.00 11.5X
Z 20s 1.66um 5.7Msz
BCAO 134.57 219 ePKPd 03 16.40 4.6X
0.3s 5.00nm
i 06 49.00
HRV 134.71 68 PKP 03 20.00 8.8X
Z 19s 2.08um 5.9Msz
LBNH 135.14 66 PKP 03 20.00 8.0X
Z 20s 3.91um 6.1Msz
JAQ 135.80 52 ePKP 03 07.00 -5.9X
CBM 138.56 63 PKP 03 30.00 11.7X
Z 20s 4.25um 6.2Msz
TAB 138.80 282 ePKP 03 21.00 1.7
LMN 140.43 66 ePKP 03 23.50 1.8
1.0s 4.00nm
FRB 140.66 37 ePKP 03 16.50 -5.0X
LIC 142.98 186 PKP 03 25.09 -2.1
Z 20s 4.00um 6.2Msz
KIC 143.10 186 PKP 03 25.49 -1.9
0.6s 4.50nm
MBH 143.11 263 PKP 03 25.20 -1.9
PYA 143.27 289 ePKP 03 30.00 3.2X
Z 22s 1.20um 5.6Msz
TIC 143.40 186 PKP 03 25.29 -2.6
KIV 143.50 289 ePKP 03 24.60 -2.7
1.4s 17.00nm
(SS) 25 15.10
HMDT 143.96 267 PKP 03 26.90 -1.4
KSHT 144.10 268 PKP 03 27.80 -0.8
MML 144.13 267 PKP 03 27.70 -1.0
HRI 144.31 269 PKP 03 28.40 -0.6
MMR 144.40 268 PKP 03 28.90 -0.3
ATZ 144.43 268 PKP 03 28.60 -0.6
ADI 144.59 268 PKP 03 28.90 -0.5
BHL 144.68 270 PKP 03 28.00 -1.6
GAZ 145.00 276 ePKP 03 29.90 0.0
DAG 146.11 4 ePKP 03 29.00 -1.6
0.5s 45.77nm
LVZ 146.54 332 ePKP 03 32.60 1.0
LFK 146.86 270 ePKP 03 35.80 2.6
CSS 146.87 270 ePKP 03 37.50 4.4X
ANN 147.47 289 ePKP 03 35.00 1.3
0.8s 20.00nm
MOS 148.23 309 ePKP 03 36.00 1.4
Z 24s 2.50um 5.9MszX
e 10 31.00
e 10 44.00
KDS 149.23 173 ePKP 03 41.30 3.9X
SDF 149.51 334 iPKP 03 40.00 3.7X
SIM 149.69 288 ePKP 03 41.00 3.8X
GPA 151.16 277 iPKP 03 41.90 2.3
PUL 151.35 319 (PKP) 03 40.50 1.3
e 03 46.00
e 03 56.00
EYL 151.36 278 ePKP 03 46.70 6.7X
KAF 152.27 325 iPKP 03 45.50 5.0X
0.6s 33.40nm
NUR 153.70 322 ePKP 03 48.90 6.4X
0.6s 15.20nm
MNK 154.22 307 ePKP 03 52.00 8.6X

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VAY    157.08 276 ePKP   03 58.40  10.7X
SKO    158.06 277 ePKP   03 40.50  -8.4X
   Z  18s       1.84um          6.0Msz
                  i      03 57.00
UZH    158.09 295 ePKP   04 00.50  11.9X
OHR    158.31 274 ePKP   03 59.00   9.7X
PTJ    162.48 287 ePKP   03 53.30  -0.2
LJU    163.47 288 ePKP   03 53.50  -0.8
                  ePKPab04 47.20
                  e      04 59.00
                  ePP    08 32.00
GEC2   163.71 298 PKP    03 54.50  -0.1
     1.8s       6.38nm
GEC2   163.71 298 PKP    04 05.70  11.1X
     1.1s       1.42nm
                  e      04 48.70
                  e      04 51.70
                  PP     08 44.70
                  e      08 55.60
KHC    163.73 299 ePKP   03 49.50  -5.1X
   Z  18s       1.20um
   N  18s       0.70um
   E  18s       1.00um
                  e      03 57.00
                  e      04 04.50
                  e      04 45.00
                  e      05 14.00
                  e      05 43.00
                  PP     08 42.00
VOY    163.91 288 ePKP   03 55.50   0.6
                  ePKPab04 48.70
                  i      05 00.40
                  e      05 21.00
BTH    174.02 271 PKPc   03 48.50 -12.6X
                  e(PKPa05 34.00
                  i      05 39.50
                  i(pP'a05 45.70
                  PP     09 14.00
                  e      09 34.00
PAB    175.19 221 ePKP   04 15.60  14.0X
                  ePP    09 40.00
   S.D. = 1.4  on  87 of 151 obs.
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  JUN  19, 1994  13h 50m 38.14± 0.42s
  10.596 S ± 5.9km  113.483 E ±11.2km
  DEPTH =  19.8km  (  3 depth phases)
  5.1mb (  3 obs.)  5.0Msz (  1 obs.)
 SOUTH OF JAWA, INDONESIA       (282)

DNP      2.56  42 ePd    51 19.00  -0.3
                  eS     51 47.00
                  e      57 29.00
TRT      2.99 344 iPc    51 25.60   0.2
                  iS     52 03.30
KHKI     3.05  44 iPd    51 26.00  -0.3
                  iS     51 53.00
                  e      57 08.00
WSI      6.77  83 e(P)   52 29.80  10.9X
LEM      6.90 302 iPc    52 31.70  10.7X
                  iS     53 30.00
MKS      7.98  48 ePd    53 08.90  33.0X
NANU    12.06 171 eP     53 29.00  -2.9
                  eS     55 35.00
MBL     12.15 151 eP     53 29.00  -4.1X
     0.3s       6.00nm          5.4mb X
                  eS     55 32.00
MRWA    18.68 173 eP     54 55.40  -1.9
     0.4s      18.00nm          4.6mb
                  eS     58 11.00
IPM     19.52 320 ePd    55 05.60  -1.9
WARB    19.88 143 eP     55 12.50   1.2
                  eS     58 42.00
BAL     20.14 172 eP     55 15.00   1.1
KLB     21.27 170 eP     55 26.00   0.4
COOL    21.41 162 eP     55 27.00   0.0
                  e      55 32.00  18km
WOOL    21.78 161 eP     55 30.90   0.2
                  eS     59 21.50
NWAO    22.49 172 eP     55 39.00   1.2
   Z  20s       5.50um          5.0Msz
                  e      55 44.50  20km
GBA     43.10 303 P      58 39.00   0.0
HYB     44.34 309 eP     58 51.00   1.9
LZH     47.31 349 eP     59 11.00  -1.6
     2.0s      40.00nm          5.1mb
   Z  30s       2.93um          5.1MszX
   E  18s       0.66um

                  pP     59 17.50  22km
                  PP     01 39.00
POO     48.65 306 eP     59 16.00  -7.1X
SVE     79.98 334 iPKP   02 47.00  -0.3
   Z  23s       2.50um          5.5MszX
   N  23s       0.30um
   E  23s       1.50um
                  e      05 50.00
CDF    108.61 318 ePdiff05 06.60   4.8X
     1.0s      11.00nm          6.0mb X
BSF    108.98 317 ePdiff05 07.10   3.6X
     0.8s       4.15nm          5.7mb
LPG    109.20 314 ePdiff05 11.40   6.6X
     1.5s      27.15nm
LPL    109.22 315 ePdiff05 11.40   6.6X
     1.2s      23.80nm
LBF    110.97 316 ePdiff05 17.80   5.5X
     1.3s      18.75nm
LOR    111.02 317 ePdiff05 17.90   5.4X
     1.2s      19.65nm
   Z  21s       2.70um          5.8MszX
SMF    111.11 316 ePdiff05 18.70   5.8X
     1.2s      19.05nm
SSF    111.28 316 ePdiff05 20.50   6.9X
AVF    111.42 316 ePdiff05 19.90   5.7X
     1.3s      12.25nm
BGF    111.80 316 ePdiff05 22.10   6.2X
     0.8s       4.05nm
TCF    112.27 316 ePdiff05 21.80   3.7X
     1.3s      18.05nm
CAF    112.56 314 ePdiff05 26.60   7.2X
     1.2s      14.30nm
RJF    112.89 315 ePdiff05 27.80   7.0X
     1.0s       8.20nm
   Z  22s       3.10um          5.9MszX
LPO    113.21 314 ePdiff05 27.90   5.6X
     1.4s      21.80nm
MFF    113.83 316 ePdiff05 28.10   3.1X
     1.5s      25.05nm
ELF    145.06  19 PKP    10 15.95  -0.1
LDN    145.24  19 PKP    10 16.45   0.1
DLA    145.28  20 PKP    10 16.70   0.3
FVM    145.30  34 ePKP   10 16.05  -0.5
                  e      10 21.60
MIAR   145.67  42 ePKP   10 17.97   0.6
                  e      10 23.75
ITR    146.07 237 (PKP)  10 20.00   1.4
YSNY   146.55  16 (PKP)  10 19.64   1.1
                  e      10 26.58
BAO    148.13 215 ePKP   10 27.10   5.2X
LPB    153.00 177 PKP    10 42.40  12.8X
LPAZ   153.24 177 PKP    10 42.00  11.8X
   S.D. = 1.2  on  23 of  46 obs.
-------------------------------------
? JUN  19, 1994  14h 11m 36.85± 7.71s
  34.065 S ±32.7km   72.179 W ±49.9km
  DEPTH =  10.0km  (geophysicist)
 NEAR COAST OF CENTRAL CHILE    (135)
     MD 3.5 (SAN).

LNV      0.65  81 iP+    11 50.37   0.6
                  iS     11 58.30
LCCH     0.78  41 iP+    11 51.90  -0.1
                  iS     12 00.89
CHCH     1.27  85 iP     11 59.99  -0.6
CACH     1.31  93 iP     12 01.45   0.3
                  iS     12 20.09
PCH      1.45  73 iP+    12 03.16  -0.1
                  iS     12 21.72
ROCH     1.46  42 iP     12 03.39  -0.1
                  iS     12 21.97
PEL      1.55  54 eP     12 04.35  -0.2
                  iS     12 24.98
FCH      1.74  65 iP     12 07.20  -0.4
                  iS     12 29.46
JACH     1.91  44 iP     12 10.50   0.6
   S.D. = 0.5  on   9 of   9 obs.
-------------------------------------
  JUN  19, 1994  14h 37m 54.88± 0.44s
  45.829 N ± 3.9km    2.992 E ± 4.3km
  DEPTH =  10.0km  (geophysicist)
 FRANCE                         (538)
     ML 1.1 (STR).

PYM      0.08 172 Pg     37 57.16  -0.3
                  Sg     37 58.77
AGO      0.24  23 Pg     38 00.00  -0.1

                  Sg     38 03.55
PLDF     0.46  72 Pg     38 04.55   0.3
TCF      0.71 310 Pg     38 09.00   0.1
                  Sg     38 16.00
BGF      0.74 352 Pg     38 09.10  -0.2
                  Sg     38 18.50
AVF      0.99  14 Pg     38 13.30  -0.4
                  Sg     38 25.90
SMF      1.01  36 Pg     38 13.10  -0.9
                  Sg     38 26.10
LSF      1.10 293 Pg     38 15.80   0.2
                  Sg     38 28.00
CAF      1.11 216 Pg     38 16.20   0.4
                  Sg     38 30.30
RJF      1.16 244 Pg     38 16.20  -0.4
                  Sg     38 30.30
SSF      1.28  16 Pg     38 18.80   0.1
                  Sg     38 34.50
LBF      1.34  30 Pg     38 20.00   0.4
                  Sg     38 37.70
LOR      1.56  22 Pg     38 23.50   0.8
                  Sg     38 43.70
   S.D. = 0.5  on  13 of  13 obs.
-------------------------------------
? JUN  19, 1994  14h 41m 14.24± 1.14s
  10.834 S ±12.1km  112.514 E ±12.3km
  DEPTH =  33.0km  (normal)
 SOUTH OF JAWA, INDONESIA       (282)

TRT      3.11   2 ePc    42 02.10   0.0
                  iS     42 36.20
DNP      3.41  51 ePc    42 06.50   0.0
                  e      44 21.00
LEM      6.27 309 iPc    42 47.00   0.0
NANU    12.01 166 eP     44 01.50  -4.7X
                  iS     46 08.00
MBL     12.44 146 eP     44 06.00  -5.9X
                  eS     46 13.00
WARB    20.28 141 eP     45 50.00   0.0
                  eS     49 16.00
   S.D. = 0.1  on   4 of   6 obs.
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& JUN  19, 1994  15h 17m 20.40s
  58.001 N          152.681 W
  DEPTH =  37.1km
  4.2mb ( 13 obs.)
 KODIAK ISLAND REGION           ( 13)
     <AEIC>. ML 4.2 (AEIC), 4.3
     (PMR). Felt (IV) at Kodiak and
     (III) at Chiniak.

KDC      0.27 158 ePc    17 27.30  -0.8
SYI      0.63  14 iP     17 31.97  -0.9
CDD      1.06 332 iP     17 37.99  -1.0
AUI      1.39 344 eP     17 43.44  -0.3
                  eS     18 00.54
                  eS     18 01.19
AUE      1.41 345 eP     17 43.75  -0.2
AGU      1.42 344 eP     17 44.03  -0.1
AUP      1.42 345 eP     17 43.36  -0.8
AUH      1.42 344 eP     17 43.68  -0.5
AUL      1.44 344 eP     17 43.98  -0.4
MCNL     1.47 325 iP     17 43.78  -1.0
                  eS     18 04.31
XLV      1.54  19 eP     17 45.44  -0.4
OPT      1.68 350 eP     17 47.35  -0.6
CNPM     1.70  26 iP     17 47.30  -1.0
HOM      1.75  18 eP     17 48.10  -0.7
BGM      1.93 317 eP     17 49.85  -1.6
PDB      1.96 337 eP     17 50.19  -1.6
INE      2.08 355 eP     17 52.30  -1.3
NNL      2.17  19 eP     17 53.94  -0.9
RED      2.43 359 eP     17 56.97  -1.6
RSO      2.47 359 eP     17 57.79  -1.5
RS2      2.47 359 eP     17 57.84  -1.5
REF      2.50 360 eP     17 58.12  -1.6
RDT      2.58   3 eP     17 59.07  -1.7
DFR      2.60 360 eP     17 59.49  -1.5
SEW      2.69  37 eP     17 59.48  -2.7
SLKM     2.81  26 eP     18 01.47  -2.6
NKA      2.85  14 eP     18 03.96  -0.5
MPA      3.02  33 eP     18 04.16  -2.8
BKG      3.09   4 eP     18 05.96  -2.0
SPU      3.21   5 P      18 07.20  -2.4
CKL      3.21   3 eP     18 08.44  -1.3
CKT      3.22   4 eP     18 07.79  -2.0
CKN      3.24   4 eP     18 08.59  -1.5
```

19d 15h

BGL 3.28 2 eP 18 08.92 -1.7
CP2 3.28 4 eP 18 08.64 -2.2
CRP 3.29 4 (P) 18 08.44 -2.4
PTE 3.43 31 eP 18 09.87 -2.7
SVW 3.46 336 eP 18 10.28 -2.9
MID 3.60 64 P 18 12.20 -3.0
SUA 3.61 15 eP 18 12.89 -2.5
PMS 3.62 25 P 18 12.80 -2.7
PWA 3.93 20 P 18 17.30 -2.4
HIN 3.98 50 eP 18 17.58 -3.1
PLRM 4.02 25 eP 18 17.80 -3.4
PMR 4.02 25 eP 18 17.07 -4.1
SKT 4.03 8 eP 18 18.57 -2.8
KNK 4.04 30 eP 18 18.06 -3.3
GHO 4.23 25 eP 18 20.76 -3.4
CVA 4.38 51 eP 18 22.70 -3.4
SML 4.40 28 eP 18 23.03 -3.5
VLZ 4.50 43 eP 18 24.55 -3.3
CUT 4.58 14 eP 18 26.04 -3.0
SCM 4.69 33 eP 18 27.61 -3.2
KLU 4.89 41 eP 18 30.36 -3.2
SDN 5.07 242 eP 18 32.00 -3.9
TTA 5.21 343 eP 18 34.40 -3.7
HUR 5.22 15 eP 18 34.98 -3.1
TOA 5.25 36 P 18 35.90 -2.6
TZL 5.45 39 eP 18 38.75 -2.5
TRF 5.59 11 eP 18 40.57 -2.9
KTH 5.64 8 eP 18 40.97 -3.0
GLB 5.66 49 eP 18 40.61 -3.7
DHY 5.72 25 eP 18 41.75 -3.6
SDG 5.76 35 eP 18 42.98 -2.8
MCK 6.03 16 eP 18 46.13 -3.5
BALM 6.08 56 eP 18 46.55 -3.7
PAX 6.13 33 eP 18 46.94 -4.0
CHX 6.32 66 eP 18 50.50 -3.1
BWN 6.38 13 eP 18 50.61 -3.9
NEA 6.82 13 eP 18 55.73 -4.9
WRH 6.86 17 eP 18 56.43 -4.7
HDA 6.99 21 eP 18 58.84 -4.2
CCB 7.07 17 eP 18 58.55 -5.5
MLY 7.12 7 eP 19 00.49 -4.3
TMW 7.15 38 eP 19 04.45 -0.7
FBA 7.31 17 eP 19 01.62 -5.7
IL1 7.34 20 eP 19 02.49 -5.3
ILB 7.34 20 eP 19 02.53 -5.3
BCA3 7.39 42 eP 19 04.70 -3.9
GLM 7.45 18 eP 19 05.24 -4.2
IM3 8.03 357 eP 19 12.68 -4.8
IMA 8.11 357 eP 19 13.84 -4.9
ANM 8.97 323 eP 19 27.83 -2.6
SIT 9.38 88 P 19 30.50 -5.6
BM3 10.14 18 eP 19 39.76 -6.8
INK 13.40 32 eP 20 36.00 5.8
0.9s 2.00nm 4.0mb
YKA 19.21 60 eP 21 39.80 -3.9
0.5s 5.80nm 4.1mb
GMW 20.72 107 eP 21 58.23 -1.5
RMW 21.27 106 eP 22 04.23 -1.3
MBC 21.82 21 eP 22 10.00 -0.7
0.6s 5.00nm 4.1mb
NEW 23.19 99 eP 22 24.12 -0.3
0.8s 5.87nm 4.1mb
RES 26.94 30 eP 22 56.50 -3.1
MSU 32.59 109 eP 23 49.03 -1.5
e 24 04.74
SRU 32.98 106 eP 23 52.48 -1.3
e 24 09.32
PV09 34.15 106 eP 24 02.60 -1.5
e 24 19.30
PV08 34.34 105 eP 24 04.10 -1.7
e 24 20.73
JAQ 41.17 61 eP 24 59.00 -3.4
DAG 42.39 14 iPc 25 08.50 -3.5
0.5s 10.56nm 4.8mb
BINY 48.89 74 eP 26 01.30 -2.9
0.5s 5.46nm 4.8mb
e 26 17.33
KAF 60.22 1 eP 27 21.90 -4.5
NB2 60.63 9 P 27 24.30 -5.0
0.7s 0.90nm 4.0mb
GEC2 72.93 9 P 28 44.10 -3.2
0.7s 1.15nm 4.0mb
e 28 50.40
e 28 56.70
LOR 73.31 16 eP 28 45.90 -3.6
0.8s 2.95nm 4.3mb
SSF 73.46 17 eP 28 46.90 -3.4
0.8s 2.70nm 4.3mb
LBF 73.61 16 eP 28 47.30 -3.9
0.9s 2.80nm 4.2mb
AVF 73.70 17 eP 28 48.10 -3.6
SMF 73.92 17 eP 28 49.10 -3.9
LSF 73.93 18 eP 28 49.30 -3.8
0.7s 2.20nm 4.2mb
CAF 75.31 18 eP 28 57.60 -3.5
0.8s 2.55nm 4.3mb
109 obs. associated

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* JUN 19, 1994 15h 31m 34.92± 0.66s
11.013 S ± 7.5km 112.508 E ± 9.5km
DEPTH = 33.0km (normal)
4.9mb (3 obs.) 4.5Msz (1 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT 3.29 2 iPc 32 24.00 -1.4
iS 33 03.50
SJI 3.34 347 ePd 32 22.00 -4.1X
eS 32 59.50
DNP 3.53 49 ePc 32 29.50 0.7
e 36 52.00
KHKI 4.03 50 ePc 32 36.50 0.6
eS 33 05.00
e 36 52.00
LEM 6.38 310 iPc 33 09.00 -0.2
iS 34 23.50
WSI 7.77 81 ePd 33 32.50 3.9X
NANU 11.84 166 eP 34 25.00 0.5
eS 36 32.00
MBL 12.30 146 eP 34 29.50 -1.2
0.4s 13.00nm 5.4mb
MRWA 18.40 170 eP 35 52.00 2.7X
WOOL 21.73 158 eP 36 30.10 4.8X
eS 40 19.70
PGP 25.76 19 eP 37 05.00 0.5
CHTO 32.52 336 eP 38 04.20 -0.9
GBA 42.53 304 P 39 31.00 1.7
LZH 47.55 350 eP 40 10.00 0.5
2.0s 30.00nm 5.0mb
Z 22s 0.63um 4.5Msz
pP 40 16.00 20kmX
BJI 50.90 4 eP 40 34.00 -0.9
Z 24s 0.71um 4.6MszX
MAT 53.13 26 eP 41 04.00 12.2X
1.2s 20.31nm
SPA 79.05 180 iPc 43 43.00 5.7X
1.0s 1.50nm 3.9mb
Z 15s 5.19um 6.0MszX
MIAR 146.62 41 ePKP 51 17.91 4.3X
MOCB 147.89 183 PKP 51 25.80 9.2X
LPB 152.63 179 ePKP 51 42.00 18.2X
LPAZ 152.87 179 PKP 51 39.20 14.8X
S.D. = 1.1 on 11 of 21 obs.

JUN 19, 1994 15h 47m 59.04± 0.87s
39.858 N ± 9.6km 24.468 E ± 6.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

OUR 0.60 322 ePg 48 10.62 -0.6
eSg 48 21.90
PAIG 0.61 277 ePg 48 10.18 -1.2
eSg 48 21.00
SOH 1.29 319 ePb 48 23.38 0.5
iSb 48 41.50
THE 1.39 304 ePb 48 25.90 1.5
SRS 1.42 332 iPb 48 24.18 -0.8
EZN 1.43 91 ePn 48 25.20 0.2
LIT 1.54 280 ePb 48 25.46 -1.1
eSb 48 48.16
ALN 1.59 49 ePb 48 26.86 -0.4
eSb 48 49.42
KNT 1.77 318 ePb 48 30.06 0.2
AGG 1.85 244 ePb 48 31.66 0.5
GRG 1.92 305 ePn 48 33.26 1.1
iSn 48 59.38
VAY 2.06 316 ePn 48 38.40 4.4X
S.D. = 1.0 on 11 of 12 obs.

% JUN 19, 1994 16h 14m 38.69± 0.62s
42.344 N ± 5.1km 18.825 E ± 5.3km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.4 (TTG).

BDV 0.06 178 iPgc 14 41.13 0.2
iSg 14 42.70
HCY 0.26 293 iPgd 14 44.34 0.1
iSg 14 48.51
TTG 0.33 75 iPgd 14 45.70 0.1
iSg 14 50.82
NKY 0.49 15 iPgc 14 48.55 0.0
iSg 14 55.76
ULC 0.49 140 iPgd 14 48.51 -0.2
iSg 14 56.08
BRY 0.59 340 iPgd 14 50.63 -0.2
iSg 14 59.40
PVY 0.89 73 iPgc 14 55.87 0.1
iSg 15 08.99
S.D. = 0.2 on 7 of 7 obs.

% JUN 19, 1994 16h 54m 05.20± 1.01s
38.882 N ± 6.7km 27.005 E ±13.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.0 (ISK).

IZM 0.52 157 ePg 54 15.80 0.0
eSg 54 24.00
EZN 1.08 331 iPn 54 25.70 0.2
EDC 1.61 24 ePn 54 34.00 0.3
BNT 1.63 25 ePn 54 33.70 -0.4
KCT 1.72 37 ePn 54 35.70 0.4
MFT 1.91 6 ePn 54 37.70 -0.5
S.D. = 0.5 on 6 of 6 obs.

JUN 19, 1994 17h 16m 24.64± 0.62s
42.694 N ± 5.8km 111.095 W ± 5.5km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.2 (GS).

TMI 0.86 316 P 16 42.29 0.5
PTI 0.96 281 eP 16 43.45 0.0
eS 16 56.19
BW06 1.14 85 eP 16 46.06 -0.5
HVU 1.55 234 eP 16 52.58 -0.5
eS 17 13.14
DAU 2.28 183 eP 17 04.66 0.8
DUG 2.81 208 eP 17 09.99 -1.3
EMUT 2.88 176 ePn 17 12.41 0.0
SRU 3.61 173 ePn 17 22.69 0.2
MSU 4.26 191 (Pn) 17 32.06 0.3
PV09 4.45 160 (Pn) 17 34.88 0.3
PV08 4.51 155 (Pn) 17 35.11 -0.5
PV10 4.59 159 (Pn) 17 37.22 0.7
S.D. = 0.6 on 12 of 12 obs.

JUN 19, 1994 17h 17m 07.44± 0.64s
42.736 N ± 6.5km 111.126 W ± 5.3km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.6 (GS), 3.5 (BUT).

TMI 0.81 315 P 17 24.60 0.7
S 17 36.70
PTI 0.93 279 eP 17 25.22 -0.5
eS 17 38.38
BW06 1.16 87 eP 17 29.06 -0.7
HVU 1.55 233 eP 17 34.82 -1.1
eS 17 53.78
DAU 2.32 182 eP 17 48.27 1.0
DUG 2.84 207 eP 17 54.99 0.6
EMUT 2.93 175 (Pn) 17 54.55 -1.2
BUT 3.44 343 ePg 18 18.20 15.3X
eSg 18 59.00
SRU 3.65 173 ePn 18 06.47 0.5
MSU 4.29 191 (Pn) 18 15.75 0.6
PV09 4.50 160 ePn 18 17.04 -1.0
PV08 4.56 155 ePn 18 18.56 -0.5
PV10 4.64 159 (Pn) 18 20.87 0.9
GOL 5.29 123 (Pn) 18 30.12 0.8
ePg 18 43.06
GLD 5.36 122 (Pn) 18 30.22 0.0
S.D. = 0.9 on 14 of 15 obs.

& JUN 19, 1994 17h 44m 27.63s
34.305 N 118.401 W
DEPTH = 5.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 3.0 (GS).

```
SSK     0.59  99 eP      44 38.49  -1.1
SNDC    0.84   6 P       44 43.12  -1.3
BMTC    0.84 349 P       44 43.13  -1.4
RYS     0.85 294 P       44 48.68   4.0
CSP     0.86  90 eP      44 43.61  -1.2
ABL     0.87 309 eP      44 43.18  -1.8
ARVC    0.89 337 P       44 44.14  -1.1
TEJ     0.95 346 P       44 45.49  -0.8
MARC    1.04 312 P       44 47.25  -0.5
PEC     1.11 111 eP      44 47.39  -1.5
                 eS      45 02.00
TMB     1.22 310 P       44 50.95   0.1
PKM     1.31 297 P       44 53.40   1.0
ISA     1.36 358 eP      44 51.31  -1.9
CRGC    1.43 311 P       44 54.32  -0.1
SCCM    1.59 294 P       44 58.40   1.8
PLM     1.59 126 eP      44 53.90  -2.8
                 eS      45 14.90
BCH     1.64 303 eP      44 56.17  -1.2
GSC     1.65  52 eP      44 55.99  -1.4
PHAM    2.24 314 eP      45 04.79  -1.1
PKEM    2.24 322 (P)     45 06.67   0.7
TPNV    3.17  33 eP      45 17.75  -1.5
MEMM    3.38 353 (Pn)    45 23.34   1.2
BONR    3.64   1 (Pn)    45 31.31   5.2
TNP     3.89  14 ePg     45 39.43   9.9
ARUT    5.31  48 ePg     46 05.64  15.9
MSU     6.54  48 ePg     46 28.57  21.4
     26 obs. associated
--------------------------------------
* JUN 19, 1994  18h 21m 56.76± 1.62s
  18.777 N ±23.4km  102.798 W ±18.0km
  DEPTH = 33.0km  (normal)
  3.5mb (  1 obs.)
 MICHOACAN, MEXICO                ( 57)

CGX     1.11 326 (P)     22 16.00  -0.3
CRX     3.01  77 eP      22 48.50   4.9X
III     3.18  97 (P)     22 46.00   0.1
ACX     3.38 124 (P)     22 48.50  -0.1
UNM     3.46  80 (P)     22 58.00   8.0X
PPM     3.96  85 (P)     22 57.00  -0.2
YKA    44.44 352 eP      30 06.50   0.4
     0.6s      0.50nm          3.5mb
   S.D. = 0.4  on   5 of   7 obs.
--------------------------------------
  JUN 19, 1994  18h 34m 03.96± 0.55s
  42.365 N ± 3.9km    20.084 E ± 5.1km
  DEPTH = 10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION      (383)
     ML 2.6 (TTG), 2.3 (TIR).

PVY     0.24 340 iPgc    34 09.43   0.2
                 iSg     34 14.05
IVA     0.52 345 iPgc    34 15.04   0.4
                 iSg     34 25.40
SDA     0.54 234 iPgd    34 14.80   0.0
                 iSg     34 23.50
ULC     0.74 237 iPgd    34 17.99  -0.5
                 iSg     34 29.10
LACI    0.78 201 ePg     34 19.30   0.2
                 iSg     34 35.80
NKY     0.92 300 iPgc    34 21.46  -0.1
                 iSg     34 35.54
BDV     0.94 265 iPgc    34 21.31  -0.5
                 iSg     34 35.75
TIR     1.03 189 ePn     34 23.50   0.1
SKO     1.08 111 iPg     34 23.00  -1.3
                 i       34 25.20
                 iSg     34 39.50
PLE     1.09 332 iPgd    34 24.52   0.0
                 iSg     34 41.11
HCY     1.18 275 iPgc    34 25.93   0.0
                 iSg     34 44.01
OHR     1.36 157 iPn     34 30.50   1.5
                 iSn     34 48.00
VAY     2.13 118 ePn     34 42.30   2.3X
   S.D. = 0.7  on  12 of  13 obs.
--------------------------------------
* JUN 19, 1994  18h 48m 41.92± 0.50s
  56.496 S ±10.1km  147.847 E ±22.3km
  DEPTH = 10.0km  (geophysicist)
  4.9mb (  7 obs.)  5.4Msz (  1 obs.)
 WEST OF MACQUARIE ISLAND        (701)

TOO    19.00 354 iPd     53 05.40  -0.5
     1.0s     93.00nm          5.0mb
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```
CSY    20.05 226 P       53 24.29   6.8X
CAN    21.19   3 eP      53 31.30   1.7
CNB    21.21   3 iPc     53 33.00   3.2X
       1.0s     40.00nm          4.8mb
BWA    22.08   1 eP      53 38.20  -0.3
ADE    22.42 340 eP      53 41.80  -0.1
SBA    22.42 170 eP      53 42.30   0.7
SNZO   23.08  60 eP      53 56.00   7.7X
                 PP      55 20.00
                 S       58 13.00
SPA    33.68 180 eP      55 23.00  -1.8
       1.0s     14.50nm          4.9mb
     Z  16s      0.96um          4.6MszX
ASPA   34.35 337 P       55 27.79  -2.9
       0.8s     12.90nm          4.9mb
CTA    36.37 357 P       55 53.50   5.5X
DZM    37.02  29 iPc     55 54.10   0.6
WRA    37.87 339 P       55 58.20  -2.3
       0.8s      8.90nm          4.6mb
WRA    37.87 339 P       56 14.90  14.4X
       1.4s      4.80nm
MAW    38.07 218 P       56 02.09   0.4
SNA    51.69 192 e(P)    57 47.70  -2.7
       0.6s     26.67nm          5.3mb
LEM    58.76 311 ePc     58 43.50   1.1
BDT    84.05 314 eP      01 10.00  -3.7X
KMI    89.80 320 ePc     01 43.40   1.5
       1.2s     20.00nm          5.2mb
     Z  20s      1.40um          5.4Msz
                 pP      01 59.20  55kmX
GBA    90.78 294 P       01 46.00  -0.3
MSU   126.26  73 ePKP    07 46.36   0.4
DUG   127.15  71 ePKP    07 46.69  -0.7
SRU   127.57  74 ePKP    07 46.34  -2.0
PV10  127.83  76 ePKP    07 48.07  -0.9
PV09  127.87  76 ePKP    07 48.71  -0.4
WMOK  130.78  87 ePKP    07 53.04  -1.3
INK   137.04  32 ePKP    08 09.00   3.9X
CEH   142.48 103 ePKP    08 12.02  -4.0X
ULM   142.71  72 ePKP    08 15.00  -0.9
OBN   142.79 298 ePKP    08 15.00  -0.9
                 e       08 54.00
SKO   143.12 270 ePKP    08 09.00  -7.9X
MBC   144.53  24 ePKP    08 16.00  -2.3
       1.0s      8.00nm
SRO   148.50 276 iPKP    08 28.00   2.4
BINY  148.67  98 ePKP    08 26.82   0.7
ZST   149.39 275 ePKP    08 30.80   3.8X
LJU   149.55 270 ePKP    08 32.50   5.2X
                 e       09 11.00
OKC   149.72 279 PKP     08 32.10   4.7X
VOY   149.90 269 ePKP    08 32.50   4.6X
PGF   150.37 260 ePKP    08 33.20   4.4X
       1.0s     23.20nm
RES   150.42  29 ePKP    08 31.50   3.8X
       0.8s      4.00nm
KAF   150.55 305 iPKP    08 31.70   3.5X
       1.2s     28.00nm
KBA   150.82 271 iPKPd   08 32.00   2.6
       0.9s     14.80nm
NUR   150.85 302 iPKP    08 34.20   5.5X
       0.6s      6.30nm
RSNY  151.01  96 ePKP    08 31.98   2.5
GEC2  151.63 274 PKP     08 33.60   3.1X
       0.9s      6.63nm
                 e       08 35.30
                 e       08 38.40
                 e       08 46.00
PRU   151.77 277 PKP     08 36.50   6.0X
KHC   151.85 274 PKP     08 36.40   5.7X
       1.0s      5.40nm
                 e       08 43.50
WTTA  151.88 270 iPKPd   08 33.10   2.1
       0.9s     16.40nm
WATA  151.95 270 iPKPd   08 34.10   3.0X
SQTA  152.09 269 iPKPd   08 32.60   1.4
       0.7s     16.30nm
SBF   152.10 260 ePKP    08 37.20   5.9X
       0.9s     22.75nm
LBNH  152.24  99 ePKP    08 33.37   2.0
FRF   152.33 259 ePKP    08 38.00   6.5X
       1.0s     15.40nm
OSS   152.37 267 ePKPd   08 38.20   6.5X
BRG   152.55 278 iPKP    08 38.50   6.9X
       0.9s     14.00nm
                 i       08 51.20
TMA   152.72 265 ePKPd   08 38.60   6.4X
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LLS   153.11 267 iPKPd   08 37.50   4.7X
MMK   153.19 264 ePKPd   08 40.50   7.5X
CLL   153.29 278 iPKP    08 39.90   7.3X
       1.0s     13.00nm
                 i       08 50.80
GRF   153.45 274 ePKP    08 37.50   4.6X
     Z  29s      0.40um          5.1MszX
LPG   153.52 262 ePKP    08 40.60   7.1X
       0.8s      5.25nm
LPL   153.54 262 ePKP    08 40.40   7.0X
       1.0s      8.80nm
APL   153.58 266 ePKPc   08 41.20   8.0X
MOX   153.72 276 ePKP    08 41.00   7.8X
                 e       08 55.00
BSF   154.89 266 ePKP    08 42.50   7.5X
       0.8s      3.35nm
CDF   154.95 268 ePKP    08 42.50   7.5X
       1.2s      5.05nm
      S.D. = 1.7  on  30 of  66 obs.
--------------------------------------
* JUN 19, 1994  19h 18m 13.98± 0.69s
   2.972 N ±14.1km    96.222 E ± 8.6km
   DEPTH = 33.0km  (normal)
  4.5mb (  4 obs.)
 NORTHERN SUMATERA, INDONESIA    (706)

IPM     5.05  71 ePd     19 28.00  -1.5
       0.7s     18.10nm          4.6mb X
SNG     6.05  46 eP      19 45.00   1.5
KGM     7.15  97 eP      19 59.50   0.5
GBA    21.36 301 P       23 02.00   1.2
HYB    22.51 311 eP      23 17.00   4.6X
WOOL   41.68 146 eP      26 02.10   0.9
WRA    43.80 123 P       26 18.50  -0.3
       0.5s      4.60nm          4.5mb
BRG    82.83 321 e(P)    30 42.20   5.8X
GEC2   82.85 319 P       30 36.50  -0.2
       0.9s      1.10nm          4.0mb
                 e       30 44.10
GRF    84.51 319 eP      30 43.90  -1.1
LPG    87.53 315 eP      30 59.90  -0.4
       0.5s      1.60nm          4.5mb
LPL    87.54 315 eP      30 59.80  -0.5
       0.9s      5.90nm          4.9mb
      S.D. = 1.1  on  10 of  12 obs.
--------------------------------------
  JUN 19, 1994  19h 37m 48.36± 0.42s
  43.302 N ± 3.8km     3.749 W ± 4.7km
  DEPTH = 10.0km  (geophysicist)
  3.6mb (  1 obs.)
 SPAIN                           (377)
     MD 3.9 (BTH). ML 3.4 (LDG).
     mbLg 3.1 (MDD).

ELIZ    1.63  94 iPd     38 19.18   2.0
                 eS      38 40.60
BTH     2.60  93 Pnc     38 34.50   3.4X
                 i(Sn)   39 04.50
                 iSg     39 11.00
                 iLg     39 18.30
                 Rg      39 33.00
EMON    2.61 274 eP      38 32.88   1.5
                 eS      39 04.70
ERUA    2.66 251 eP      38 32.95   1.0
                 eS      39 04.90
GUD     2.67 187 eP      38 32.95   0.6
                 eS      39 03.40
EGRA    2.76 112 iPc     38 39.88   6.5X
                 eS      39 17.80
ETOR    2.78 152 eP      38 34.00   0.1
                 eS      39 06.60
EPF     3.00  94 Pn      38 39.30   2.4
                 Sn      39 12.60
LFF     3.62  62 Pn      38 47.10   1.4
                 Sn      39 24.80
EPLA    3.68 209 eP      38 45.25  -1.2
                 eS      39 28.40
LESF    3.69  92 Pn      38 48.56   1.9
PAB     3.78 187 ePn     38 48.50   0.5
                 ePb     38 58.60
                 ePg     39 08.00
                 eSn     39 28.00
                 iSb     39 44.00
                 eSg     39 59.50
LPO     3.82  67 Pn      38 48.90   0.4
                 Sn      39 28.70
EROQ    3.96 127 iPd     38 49.56  -0.9
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19d 19h

MFF 4.17 37 Pn 38 53.80 0.3
Sn 39 38.40
ECHE 4.26 150 eP 38 54.97 0.3
eS 39 41.80
RJF 4.28 60 Pn 38 55.60 0.6
Sn 39 41.40
CAF 4.49 67 Pn 38 57.90 -0.1
Sn 39 45.60
VDCF 4.54 97 Pn 39 00.13 1.4
MTHF 4.61 92 Pn 39 00.87 1.1
EVIA 4.75 168 eP 39 00.39 -1.5
eS 39 54.30
LSF 4.78 50 Pn 39 02.30 0.2
Sn 39 52.70
LPF 5.10 21 Pn 39 07.00 0.5
Sn 39 59.30
EBAN 5.13 180 eP 39 05.92 -1.2
TCF 5.19 53 Pn 39 07.40 -0.5
Sn 40 01.60
MAF 5.36 55 Pn 39 09.00 -1.3
Sn 40 07.00
EHOR 5.59 192 eP 39 13.77 0.2
eS 40 14.10
BGF 5.70 53 Pn 39 13.70 -1.4
Sn 40 14.50
LDF 5.86 24 Pn 39 16.90 -0.4
Sn 40 19.20
FLN 5.92 21 Pn 39 17.50 -0.6
Sn 40 20.90
AVF 6.12 53 Pn 39 20.20 -0.8
Sn 40 23.90
ERON 6.28 180 eP 39 22.45 -0.9
eS 40 31.70
SMF 6.34 56 Pn 39 23.60 -0.5
Sn 40 28.40
SSF 6.36 51 Pn 39 23.90 -0.5
Sn 40 29.40
LBF 6.59 53 Pn 39 27.10 -0.6
Sn 40 34.40
LOR 6.67 51 Pn 39 28.00 -0.8
Sn 40 37.00
LRG 7.37 85 Pn 39 37.10 -1.4
Sn 40 55.40
LMR 7.48 86 Pn 39 40.60 0.5
FRF 7.57 84 Pn 39 40.30 -1.1
Sn 40 59.30
LPL 7.82 70 Pn 39 45.00 -0.2
LPG 7.83 70 Pn 39 44.90 -0.5
SBF 8.14 82 Pn 39 48.20 -1.2
DOU 8.89 37 P 39 59.70 0.0
GEC2 13.31 59 Pn 41 00.90 1.0
0.3s 0.18nm 3.6mb
S.D. = 1.0 on 42 of 44 obs.

JUN 19, 1994 20h 03m 33.71± 0.33s
44.427 N ± 2.5km 7.362 E ± 3.2km
DEPTH = 5.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.3 (GEN), 2.1 (LDG).

STV 0.18 188 P 03 37.21 -0.3
S 03 39.27
PZZ 0.20 293 P 03 37.94 0.0
S 03 40.78
ENR 0.20 168 P 03 37.62 -0.3
S 03 40.06
ISO 0.33 223 ePgc 03 39.96 -0.4
e(Sg) 03 43.67
ROB 0.39 110 P 03 41.91 0.4
S 03 47.48
BHB 0.42 350 P 03 42.70 0.5
S 03 48.33
SBF 0.57 175 Pg 03 45.40 0.4
Sg 03 51.30
RRL 0.64 320 P 03 46.14 -0.5
S 03 54.74
FIN 0.65 109 P 03 46.41 -0.2
S 03 55.20
RSP 0.73 354 P 03 47.60 -0.7
S 03 57.36
PCP 0.85 82 P 03 50.46 -0.2
S 04 01.53
FRF 1.01 211 Pg 03 53.30 0.0
Sg 04 05.10
LPG 1.16 338 Pg 03 56.60 0.6
LRG 1.21 217 Pg 03 57.20 0.5
Sg 04 11.90
LMR 1.25 210 Pg 03 57.60 0.1
Sg 04 13.10
S.D. = 0.4 on 15 of 15 obs.

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* JUN 19, 1994 20h 12m 43.57± 1.00s
36.452 N ± 6.8km 71.358 E ± 7.3km
DEPTH = 81.9 ± 11.1 km
4.4mb (16 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG.(717)

FRU 6.85 21 iPn 14 25.00 1.7
e 14 38.00
eS 15 35.00
TLG 8.23 32 eP 14 42.60 0.2
eS 15 55.50
NDI 9.19 146 eP 14 54.50 -0.9
0.6s 50.00nm 5.6mb X
MAIO 9.57 273 iPc 15 00.20 -0.5
0.9s 19.18nm 5.0mb
eS 16 42.00
ASH 10.48 282 eP 15 12.00 -1.0
KAT 12.25 287 eP 15 37.50 1.1
BRVK 16.62 358 eP 16 30.00 -2.6
1.0s 18.00nm 4.2mb
eS 19 27.00
HYB 20.00 160 eP 17 12.00 -0.1
GRO 20.82 297 iPc 17 24.00 3.8X
1.0s 110.00nm 5.1mb
eS 21 15.00
SVE 21.60 344 iPd 17 28.00 0.0
PYA 22.81 298 iP 17 54.00 14.0X
KIV 23.06 298 eP 17 44.60 2.1
e 18 13.90
(S) 22 01.40
GBA 23.40 165 P 17 47.00 1.2
OBN 30.14 319 iPc 18 48.00 0.6
0.6s 19.00nm 5.0mb
e 19 43.00
KAF 37.82 327 eP 19 53.80 0.5
NUR 38.03 324 iP 19 55.60 0.5
0.4s 7.90nm 5.0mb
BRG 42.88 308 i(P) 20 37.00 1.9
NB2 44.59 323 P 20 48.20 -0.7
0.5s 6.50nm 4.7mb
BSF 47.90 305 eP 21 15.00 -0.3
0.5s 2.40nm 4.4mb
LPG 48.42 302 eP 21 19.90 0.4
0.7s 3.10nm 4.4mb
LPL 48.43 302 eP 21 19.80 0.3
0.6s 2.25nm 4.3mb
LBF 49.95 304 eP 21 29.70 -1.2
0.8s 2.55nm 4.3mb
LOR 49.96 305 eP 21 29.60 -1.4
0.7s 1.20nm 4.0mb
SMF 50.12 304 eP 21 31.90 -0.3
0.8s 3.65nm 4.5mb
SSF 50.24 305 eP 21 32.80 -0.3
0.9s 2.80nm 4.3mb
AVF 50.41 304 eP 21 34.00 -0.4
0.7s 3.30nm 4.5mb
MAF 51.08 304 eP 21 39.60 0.1
TCF 51.30 304 eP 21 41.20 0.0
0.8s 3.35nm 4.4mb
LSF 51.77 304 eP 21 44.10 -0.6
0.6s 1.80nm 4.3mb
MBC 67.37 3 eP 23 31.00 -0.4
S.D. = 1.1 on 28 of 30 obs.

JUN 19, 1994 20h 44m 30.92± 0.73s
59.131 N ± 6.1km 145.545 W ± 4.3km
DEPTH = 10.0km (geophysicist)
GULF OF ALASKA (15)
ML 3.5 (AEIC), 3.5 (PMR).

MID 0.50 306 P 44 44.00 2.9
S 44 48.40
HIN 1.36 340 iP 44 56.63 0.7
eS 45 14.19
CVA 1.42 356 iP 44 57.76 1.0
eS 45 15.64
VLZ 2.05 349 eP 45 06.21 0.5
SEW 2.21 298 eP 45 06.08 -2.1
MPA 2.36 307 eP 45 09.71 -0.6
KLU 2.38 356 eP 45 11.19 0.6
CHX 2.44 66 eP 45 13.76 2.3
PTE 2.47 316 eP 45 11.60 -0.1
GLB 2.47 20 iP 45 12.97 1.0
BALM 2.50 39 eP 45 13.50 1.2
KNK 2.71 329 eP 45 15.48 0.2
SLKM 2.74 302 eP 45 15.13 -0.6
SCM 2.85 343 eP 45 17.85 0.5
PMS 2.92 318 P 45 17.70 -0.6
TZL 2.92 1 eP 45 19.81 1.5
CNPM 2.94 280 eP 45 18.84 0.3
TOA 3.00 354 P 45 20.60 1.2
SML 3.02 334 eP 45 20.05 0.4
PLRM 3.04 326 eP 45 22.32 2.4
PMR 3.04 326 eP 45 19.07 -0.9
NNL 3.06 290 eP 45 22.06 1.8
GHO 3.13 329 eP 45 21.66 0.3
PWA 3.32 321 P 45 23.80 -0.1
SDG 3.41 0 eP 45 26.13 0.9
SUA 3.49 314 eP 45 25.86 -0.5
RDT 3.75 296 eP 45 29.85 -0.3
SPU 3.85 305 eP 45 30.65 -0.8
PAX 3.85 1 eP 45 31.91 0.3
REF 3.86 294 eP 45 31.14 -0.7
RED 3.88 293 eP 45 31.13 -0.8
RSO 3.88 293 eP 45 32.09 0.0
RS2 3.88 293 eP 45 32.30 0.2
BKG 3.88 303 eP 45 31.30 -0.7
DFR 3.89 295 eP 45 31.58 -0.5
KDC 3.91 252 (P) 45 30.29 -1.9
CKT 3.92 305 eP 45 32.29 -0.3
INE 3.93 287 eP 45 32.49 -0.3
OPT 3.96 281 eP 45 34.46 1.4
CP2 3.97 305 eP 45 32.26 -1.0
CUT 4.02 327 eP 45 35.42 1.6
BGL 4.03 305 eP 45 33.76 -0.3
AUP 4.05 277 eP 45 35.89 1.6
DHY 4.06 348 eP 45 34.63 0.1
AUL 4.06 277 eP 45 36.22 1.9
SKT 4.11 317 eP 45 33.91 -1.2
CDD 4.19 271 eP 45 37.18 0.9
HUR 4.34 335 eP 45 40.16 1.7
BCA3 4.35 23 eP 45 38.92 0.3
PDB 4.46 282 eP 45 40.54 0.4
MCNL 4.53 274 eP 45 41.47 0.4
RND 4.58 341 eP 45 42.31 0.5
DOT 4.59 8 eP 45 42.60 0.6
MCK 4.90 342 eP 45 46.92 0.6
TRF 4.90 334 eP 45 47.48 1.0
DJE 4.92 359 eP 45 47.25 0.7
KTH 5.14 332 eP 45 49.92 0.2
HDA 5.34 353 eP 45 51.50 -1.0
BWN 5.39 341 eP 45 51.21 -2.1
SVW 5.41 296 P 45 53.40 -0.3
WRH 5.49 348 eP 45 54.75 0.0
CCB 5.64 350 eP 45 55.40 -1.4
ILB 5.70 354 eP 45 55.68 -1.9
IL1 5.70 354 eP 45 55.68 -1.9
NEA 5.71 345 eP 45 56.73 -1.1
SIT 5.81 107 eP 45 57.36 -1.7
FBA 5.89 351 eP 45 57.88 -2.3
GLM 5.94 352 eP 45 59.76 -1.3
MDM 5.98 349 eP 46 00.24 -1.4
IM3 7.84 335 eP 46 27.42 -0.3
IMA 7.90 335 eP 46 27.09 -1.6
BM3 8.33 3 eP 46 32.86 -1.7
MBC 19.50 18 eP 49 00.50 -0.1
S.D. = 1.2 on 73 of 73 obs.

? JUN 19, 1994 21h 54m 42.88± 0.96s
43.079 S ±18.3km 171.475 E ±12.6km
DEPTH = 33.0km (normal)
SOUTH ISLAND, NEW ZEALAND (162)

SNZO 2.98 55 P 55 29.00 0.1
S 56 05.00
CAN 19.03 286 eP 59 13.40 8.7X
eTT 15 12.00
TOO 20.52 277 iPd 59 21.50 0.6
0.3s 12.00nm 4.7mb
WRA 38.72 295 P 02 04.90 -0.7
0.6s 3.70nm 4.4mb
SPA 47.11 180 iPc 03 13.30 -0.1
0.9s 8.18nm 4.7mb
KAF 152.06 325 iPKP 14 32.50 4.3X
0.6s 2.30nm
S.D. = 0.9 on 4 of 6 obs.

JUN 19, 1994 21h 59m 23.51± 0.93s
6.203 S ± 9.1km 154.284 E ± 8.6km
DEPTH = 95.2 ± 10.0 km

```
   4.8mb ( 7 obs.)
 SOLOMON ISLANDS                        (193)

RAB      2.91 313 iPc     00 09.00    0.3
                  iS      00 47.00
HNR      6.46 120 eP      00 58.00    0.2
                  eS      02 10.00
PMG      7.74 245 eP      01 15.00   -0.4
DZM     19.67 145 iPd     03 47.00   -0.7
KMI     58.99 304 ePd     09 15.80   -0.2
     0.7s     10.00nm            5.1mb
                  sP      09 28.40
KDC     76.79  26 eP      11 05.90   -0.1
     0.3s      7.90nm            5.0mb
SVW     77.53  22 eP      11 10.41    0.2
TTA     78.54  21 eP      11 16.00    0.3
     0.5s      3.70nm            4.5mb
PMR     80.35  24 eP      11 24.70   -0.7
     0.5s      4.20nm            4.5mb
IMA     81.29  19 eP      11 30.40    0.0
     1.8s     31.90nm            4.9mb
TOA     81.82  24 eP      11 33.90    0.8
     0.7s     16.10nm            5.0mb
FBA     82.64  21 eP      11 35.95   -1.3
SPA     83.83 180 iPc     11 44.80    1.2
     0.7s      3.52nm            4.4mb
MBC     95.11  14 eP      12 37.00    0.4
BAO    149.06 135 ePKP    19 02.00    3.1X
     S.D. = 0.7  on  14 of  15 obs.
---------------------------------------
? JUN 19, 1994  22h 33m 30.27± 1.22s
   17.839 S ±24.9km  178.683 W ±19.4km
   DEPTH = 602.2 ± 13.7 km
   4.8mb ( 6 obs.)
 FIJI ISLANDS REGION                    (181)

VUN      2.72 266 iP      34 47.30   -1.2
DZM     14.60 251 iPc     36 36.90    2.4
NOUC    14.74 251 iPc     36 37.00    1.3
CNB     33.26 232 iPc     39 22.00    1.0
     0.2s     21.00nm            5.4mb
CAN     33.54 232 iPd     39 23.50    0.3
TOO     37.01 231 iPd     39 52.50    0.7
     0.5s     46.00nm            5.4mb
ADE     41.45 237 eP      40 26.10   -1.5
WRA     44.39 259 P       40 50.00   -0.6
     0.6s      6.90nm            4.4mb
FORT    49.80 245 eP      41 30.00   -1.2
WARB    51.06 250 iPd     41 40.20   -0.4
     0.8s     43.00nm            4.9mb
WOOL    55.27 244 iPc     42 09.20   -1.1
MBL     57.74 256 eP      42 26.50   -0.8
SPA     72.27 180 eP      43 57.00   -0.2
     0.9s      3.18nm            3.8mb
FBA     85.80  13 P       45 08.00    0.5
     1.0s     10.00nm            4.5mb
LTX     86.18  58 ePc     45 10.51    0.3
MIAR    96.02  56 (P)     45 55.70    0.5
GEC2   147.48 345 PKP     52 09.60    4.3X
     0.6s      1.33nm
     S.D. = 1.2  on  16 of  17 obs.
---------------------------------------
? JUN 19, 1994  23h 08m 28.00± 6.02s
   34.732 N ±68.7km   24.852 E ±16.8km
   DEPTH = 33.0km  (normal)
   3.2mb ( 1 obs.)
 CRETE                                  (370)
      MD 3.5 (ATH).

NPS      0.82  49 ePn     08 43.00   -0.1
VAM      0.86 322 ePn     08 43.40   -0.3
VLI      2.52 322 ePn     09 07.50    0.0
KSL      4.10  69 ePn     09 30.00    0.0
GEC2    16.34 333 Pn      12 16.90    0.4
     0.6s      1.10nm            3.2mb
     S.D. = 0.4  on   5 of   5 obs.
---------------------------------------
* JUN 20, 1994  00h 10m 50.47± 0.84s
    6.136 S ±10.6km  147.283 E ±11.6km
   DEPTH = 109.0 ±  8.8 km
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT      0.60 208 iPc     11 07.50   -0.6
YYYY     1.31 265 eP      11 15.50    0.0
MDG      1.74 300 iPd     11 20.40   -0.1
WWKK     4.42 304 eP      11 57.10    0.5
KVG      4.98  45 iPc     12 04.60    0.4
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WB2     18.61 221 iPd    15 00.70   -1.6
         0.3s     25.70nm           5.0mb
                  eS     18 22.10
ASPA    21.67 215 eP     15 34.40    0.8
         0.2s     20.30nm           5.1mb
                  e      15 57.80
                  iS     19 26.50
STKA    26.16 191 eP     16 17.20    0.9
WARB    28.03 222 eP     16 34.50    1.1
GEC2   122.18 326 PKP    29 32.60   -1.5
         0.5s      0.47nm
LPB    138.38 123 ePKP   29 56.00  -10.4X
LPAZ   138.48 123 PKP    29 58.20   -8.6X
BAO    153.60 145 ePKP   30 39.30    8.5X
     S.D. = 1.2  on  10 of  13 obs.
---------------------------------------
% JUN 20, 1994  01h 09m 08.82± 1.09s
   44.776 N ± 4.3km    6.772 E ± 9.8km
   DEPTH =   5.0km  (geophysicist)
 FRANCE                                 (538)
      ML 2.1 (GEN).

RRL      0.14   4 P       09 11.97    0.0
                  S       09 14.17
FOUF     0.25 178 ePgd    09 14.01    0.2
                  eSg     09 17.94
BHB      0.36  79 P       09 16.37    0.4
                  S       09 22.46
PZZ      0.36 139 P       09 16.37    0.3
                  S       09 22.46
RSP      0.51  42 P       09 18.79   -0.3
STV      0.66 143 P       09 21.81   -0.3
                  S       09 31.20
ENR      0.72 140 P       09 22.87   -0.3
     S.D. = 0.4  on   7 of   7 obs.
---------------------------------------
  JUN 20, 1994  01h 36m 15.50± 0.24s
   40.591 N ± 2.8km   27.330 E ± 2.2km
   DEPTH =   7.6 ±  1.9 km
   3.8mb ( 11 obs.)
 TURKEY                                 (366)
      MD 4.0 (ATH). ML 3.9 (ISK). Felt
      in the Tekirdag area.

MFT      0.20 349 ePn     36 52.30   32.5X
EDC      0.47 121 iPn     36 26.00    0.9
BNT      0.51 117 iPn     36 26.60    0.9
KCT      0.85 113 iPn     36 32.60    0.4
CTT      1.00  56 iPn     36 35.60    0.9
ALN      1.02 288 iPg     36 35.25    0.2
                  eSg     36 47.32
EZN      1.08 226 iPn     36 35.40   -0.7
DMK      1.27  15 iPn     36 40.00    0.7
ISK      1.40  70 iPn     36 41.40    0.1
RDO      1.47 293 ePb     36 43.50    1.2
YLV      1.56  90 iPn     36 43.10   -0.5
PRK      1.57 212 ePb     36 43.90    0.2
IZI      1.65  98 iPn     36 45.60    0.5
HRT      1.79  82 iPn     36 46.50   -0.5
KDZ      1.79 307 iPc     36 48.00    1.0
JMB      1.96 344 P       36 50.00    0.7
DIM      1.99 318 iPc     36 50.00    0.2
EYL      2.15  90 iPn     36 51.90   -0.4
IZM      2.19 181 ePn     36 52.20   -0.6
RZN      2.26 300 iPc     36 54.00    0.1
GPA      2.29  97 iPn     36 54.00   -0.3
OUR      2.57 265 iPn     36 57.04   -1.0
KHL      2.83 142 iPn     37 01.00   -1.0
PAIG     2.87 258 ePn     37 02.60    0.2
                  eSn     37 33.89
SRS      2.88 282 iPn     37 02.27   -0.4
                  eSn     37 35.48
MMB      2.90 291 iPc     37 02.00   -0.9
PVL      3.02 331 iPd     37 05.00    0.5
SOH      3.03 276 ePn     37 03.91   -0.8
                  eSn     37 38.84
PSN      3.15  11 iPd     37 06.00   -0.4
THE      3.32 272 ePn     37 09.00    0.1
KNT      3.41 281 ePn     37 10.00   -0.1
                  iSn     37 48.41
KKB      3.45 293 P       37 10.00   -0.6
VAY      3.68 283 iPn     37 14.00    0.1
                  i       37 24.40
                  i       37 34.60
                  i       37 53.00
                  i       38 12.40
                  i       38 15.00
```

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VTS      3.68 304 iPd     37 14.00   -0.1
LIT      3.73 264 ePn     37 14.00   -0.7
GRG      3.76 277 ePn     37 15.91    0.8
ATH      3.83 228 ePn     37 18.00    1.9
BUC1     3.87 346 eP      37 36.00   19.3X
AGG      4.16 249 ePn     37 19.92   -0.8
KZN      4.25 268 ePn     37 22.00   -0.1
ELL      4.33 151 ePn     37 23.00   -0.4
FNA      4.53 274 ePn     37 24.91   -1.1
SKO      4.65 289 ePn     37 28.00    0.3
                  i       37 31.50
                  i       37 37.50
                  i       38 26.00
                  i       38 32.00
                  i       38 40.00
                  i       38 43.50
                  i       38 49.50
KSL      4.80 158 ePn     37 31.00    1.1
MTUR     4.92 341 eP      37 31.50   -0.1
SNX      4.94 345 eP      37 32.00    0.0
KBN      4.98 273 ePn     37 32.50    0.1
OHR      4.98 278 iPn     37 32.80    0.4
                  i       37 51.20
                  i       38 35.00
                  i       38 49.50
LSK      5.16 267 ePn     37 36.00    1.0
VLI      5.17 223 ePn     37 33.00   -2.1
COZ      5.21 336 eP      37 34.50   -1.3
PHP      5.32 284 ePn     37 40.80    3.6X
                  iSn     38 06.80
IGT      5.47 261 ePn     37 38.42   -1.0
TIR      5.70 280 ePn     37 44.50    1.9
LACI     5.85 283 ePn     37 49.40    4.8X
SDA      6.07 286 ePn     37 51.00    3.2X
PTT      6.38 354 eP      37 52.00   -0.1
KIS      6.52   9 iPc+    37 53.00   -1.0
         1.0s     90.00nm          5.7mb X
     Z  12s        0.40um          5.7Msz
SIM      6.63  47 eP      37 54.00   -1.6
                  eS      39 01.00
UZH      8.80 338 eP      38 44.00   18.1X
SRO      9.69 321 eP      38 38.70    0.5
ZST     10.55 320 eP      38 47.10   -2.9
GEC2    12.71 315 Pg      39 19.10   -0.4
KHC     12.95 316 eP      39 21.50   -1.0
                  e       39 25.50
MOX     14.87 318 eP      39 55.00    7.3X
CDF     16.27 305 eP      40 09.50    3.5X
         1.0s      7.20nm           3.8mb
HAU     16.72 303 eP      40 15.20    3.6X
SMF     18.02 297 eP      40 32.40    4.5X
         1.1s      5.35nm           3.6mb
LOR     18.14 299 eP      40 34.80    5.5X
         0.8s      1.90nm           3.3mb
SSF     18.33 299 eP      40 35.60    3.9X
         1.0s      3.20nm           3.4mb
AVF     18.38 298 eP      40 34.10    1.9
         1.1s      4.65nm           3.6mb
MAF     18.82 296 eP      40 38.10    0.4
         0.9s      1.95nm           3.3mb
LDF     21.04 302 eP      41 02.60    0.5
         1.1s     17.60nm           4.3mb
FLN     21.31 302 eP      41 05.50    0.7
         1.0s     11.80nm           4.2mb
GRR     21.48 301 eP      41 08.10    1.6
         1.1s     14.40nm           4.3mb
LPF     21.54 300 eP      41 08.50    1.4
         1.2s     15.45nm           4.3mb
NB2     22.74 340 P       41 19.30    0.3
         0.7s      1.60nm           3.6mb
     S.D. = 0.9  on  65 of  77 obs.
---------------------------------------
% JUN 20, 1994  01h 47m 36.70± 0.82s
   44.224 N ± 9.9km    7.576 E ± 3.8km
   DEPTH =   5.0km  (geophysicist)
 NORTHERN ITALY                         (545)
      ML 2.1 (GEN).

ENR      0.11 271 P       47 39.14    0.0
                  S       47 40.97
STV      0.18 276 P       47 40.41   -0.1
                  S       47 43.17
ROB      0.22  71 P       47 41.81    0.5
                  S       47 45.52
PZZ      0.44 310 P       47 45.89    0.3
                  S       47 52.24
FIN      0.45  92 P       47 45.67   -0.2
```

20d 01h

```
                 S       47 51.74
BHB      0.66 340 P       47 49.59   -0.2
                 S       47 58.76
PCP      0.76  65 P       47 51.67   -0.4
                 S       48 01.59
    S.D. = 0.4  on    7 of    7 obs.
----------------------------------------
  JUN  20, 1994  01h 51m 18.88± 0.64s
  17.372 N ± 8.0km    97.150 W ± 7.8km
  DEPTH = 70.8km  (  5 depth phases)
 4.3mb (  6 obs.)
 OAXACA, MEXICO                    ( 60)

OXX      0.50 125 iP      51 34.29    2.1
                 iS      51 43.58
IISM     1.62 352 iP      51 47.56    1.7
IIT      1.98 326 eP      51 52.40    1.4
PPM      2.19 320 eP      51 55.80    1.5
IIA      2.28 321 iP      51 56.19    1.3
III      2.42 295 iP      51 56.00   -1.2
                 iS      52 24.50
LVVM     2.45  16 (P)     51 56.54   -0.7
ACX      2.64 259 iP      51 56.89   -3.1
UNM      2.74 316 (P)     52 06.00    4.3X
CRX      3.14 311 (P)     52 28.10   20.8X
SCX      4.37  98 iP      52 28.50    4.3X
                 (S)     53 17.95
MRX      4.48 302 eP      52 23.40   -2.5
TPX      5.30 117 iP      52 41.50    4.2X
LTX     13.32 335 eP      54 27.92    1.4
WMOK    17.36 355 eP      55 15.81   -2.1
         0.5s      4.03nm          3.9mb
MIAR    17.40  10 eP      55 16.71   -1.7
         0.5s     16.23nm          4.5mb
VVO     17.94   4 iPc     55 26.00    1.0
OCO     18.08 359 iPc     55 26.10   -0.7
SIO     18.32   2 iPd     55 29.00   -0.7
TUL     18.50   3 iPc     55 30.50   -1.5
FVM     21.37  15 eP      56 00.81   -1.4
         0.4s     14.41nm          4.7mb
GOL     23.37 344 eP      56 22.76    0.6
         0.8s      7.48nm          4.2mb
PV08    23.40 337 (P)     56 23.33    0.8
                 e       56 39.41   70km
PV09    23.52 336 eP      56 25.12    1.5
                 e       56 40.98   69km
SRU     24.60 334 eP      56 35.01    1.0
                 e       56 51.36   71km
MSU     24.83 331 eP      56 37.04    0.8
                 e       56 53.75   73km
ARUT    24.87 328 eP      56 37.98    1.4
GSC     25.00 319 (P)     56 40.02    2.3
EMUT    25.31 335 (P)     56 40.08   -0.7
TPNV    25.77 323 eP      56 45.74    0.7
DAU     26.00 335 eP      56 47.54    0.3
BW06    27.44 340 (P)     57 00.41    0.1
         1.1s      3.36nm          3.8mb
ELK     28.04 330 eP      57 05.16   -0.5
                 e       57 22.00   72km
LRM     31.10 339 eP      57 47.20   14.3X
RSNY    33.10  30 eP      57 48.65   -1.4
         0.8s     11.39nm          4.8mb
GAC     33.53  28 eP      57 52.50   -1.2
LMN     39.09  36 eP      58 40.50   -0.3
JAQ     39.99  20 eP      58 46.50   -1.5
                 pP      59 12.00 111kmX
LPAZ    44.01 138 P       59 22.50    0.5
FRB     50.31  16 eP      00 12.00    2.0
KLU     55.78 334 eP      00 50.61   -0.1
INK     55.85 345 eP      00 50.00   -1.0
BAO     58.52 121 eP      01 10.40   -0.3
LSF     83.47  44 eP      03 59.50   19.3X
         0.8s      2.95nm
SSF     84.50  42 eP      04 04.60   19.3X
         0.6s      1.10nm
LOR     84.66  42 eP      04 05.70   19.6X
         0.8s      2.55nm
WB2    131.29 258 iPKPc 10 25.30   -0.1
         0.5s      2.20nm
WRA    131.30 258 PKP   10 25.90    0.5
         0.8s      0.80nm
    S.D. = 1.4  on   40 of   48 obs.
----------------------------------------
  JUN  20, 1994  02h 29m 04.60± 1.31s
  39.424 N ± 7.2km    19.809 E ±11.6km
  DEPTH = 10.0km  (geophysicist)
 GREECE-ALBANIA BORDER REGION      (392)
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```
      MD 3.0 (ATH). ML 2.5 (TIR).

KEK      0.29 358 ePg     29 07.80   -2.8
IGT      0.42  75 ePg     29 12.84   -0.3
                 eSg     29 20.41
LSK      0.95  40 ePn     29 28.10    5.4X
                 iSn     29 45.50
VLS      1.39 154 ePb     29 30.40    0.4
KBN      1.41  32 ePn     29 30.00   -0.4
                 iSn     29 48.70
KZN      1.75  59 ePb     29 35.00   -0.2
FNA      1.81  41 iPb     29 36.70    0.5
                 eSb     30 01.84
OHR      1.85  24 iPn     29 36.60    0.0
                 iSn     30 01.20
AGG      2.00 101 ePn     29 39.88    1.1
                 eSn     30 09.04
LIT      2.17  71 ePn     29 41.66    0.3
                 eSn     30 11.94
LACI     2.21 358 ePn     29 43.50    1.7
PHP      2.31  12 ePn     29 44.90    1.6
                 iSn     30 18.40
GRG      2.51  52 ePn     29 47.04    1.0
                 eSn     30 19.44
SKO      2.83  25 iP      29 54.00    3.3X
                 e       30 23.50
VAY      2.84  47 iPn     29 50.50   -0.2
                 i       29 55.40
KNT      2.93  53 ePn     29 53.05    0.9
                 eSn     30 29.12
SOH      3.06  62 iPn     29 52.62   -1.3
OUR      3.34  73 ePn     29 57.22   -0.6
VLI      3.66 137 ePn     30 01.00   -1.5
    S.D. = 1.2  on   17 of   19 obs.
----------------------------------------
% JUN  20, 1994  02h 57m 45.67± 1.14s
  32.750 S ±11.9km    70.974 W ±11.0km
  DEPTH = 70.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION     (127)
      MD 3.7 (SAN).

ROCH     0.22 188 iPd     57 56.77   -0.1
                 iS      58 04.85
JACH     0.33  78 iP      57 57.39    0.1
                 iS      58 06.29
PEL      0.46 148 iP+     57 58.40    0.0
                 iS      58 07.59
FCH      0.81 135 iP+     58 02.35   -0.1
                 iS      58 15.39
LCCH     0.88 214 iP+     58 02.88    0.0
                 iS      58 15.83
PCH      0.95 156 iPd     58 03.82   -0.1
                 iS      58 17.11
CHCH     1.21 167 iP+     58 07.03   -0.2
                 iS      58 23.14
LNV      1.26 197 iPd     58 07.71    0.0
                 iS      58 24.42
CACH     1.40 167 iPd     58 10.13    0.3
                 iS      58 29.12
    S.D. = 0.2  on    9 of    9 obs.
----------------------------------------
% JUN  20, 1994  03h 18m 27.68± 0.57s
  37.107 N ± 5.4km     3.869 W ± 4.8km
  DEPTH = 10.0km  (geophysicist)
 SPAIN                             (377)
      mbLg 2.7 (MDD).

ERON     0.10 150 iPd     18 31.00    0.5
                 eS      18 31.70
ELOJ     0.23 280 iPc     18 32.97    0.3
                 eS      18 36.30
ECOG     0.30  55 iPd     18 33.73   -0.2
                 eS      18 38.50
EGUA     0.37 138 eP      18 34.67   -0.5
                 eS      18 40.00
ELUQ     0.55 325 eP      18 38.83   -0.1
                 eS      18 47.10
EBAN     1.06   4 eP      18 47.55   -0.1
                 eS      19 01.70
EHUE     1.24  55 eP      18 51.19    0.5
                 eS      19 08.10
EHOR     1.31 303 eP      18 51.60   -0.3
                 eS      19 08.00
    S.D. = 0.4  on    8 of    8 obs.
----------------------------------------
% JUN  20, 1994  05h 09m 01.69± 2.42s
  44.199 N ±13.8km     6.956 E ±14.8km
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  DEPTH = 10.0km  (geophysicist)
 FRANCE                            (538)
      ML 2.2 (GEN).

ISO      0.07 103 ePd     09 04.24    0.1
                 e(Pg)   09 04.29
                 eSg     09 05.42
STV      0.27  80 P       09 07.61    0.2
                 S       09 10.72
PZZ      0.32  19 P       09 08.89    0.4
                 S       09 13.15
ENR      0.34  85 P       09 08.75    0.1
                 S       09 12.96
ROB      0.66  81 P       09 14.70   -0.3
                 S       09 23.31
BHB      0.68  19 P       09 14.66   -0.5
                 S       09 23.22
RRL      0.73 350 P       09 16.26    0.0
FIN      0.90  89 P       09 18.91   -0.1
    S.D. = 0.3  on    8 of    8 obs.
----------------------------------------
* JUN  20, 1994  05h 39m 11.92± 2.01s
  33.843 S ±11.1km    72.627 W ±14.2km
  DEPTH = 10.0km  (geophysicist)
 OFF COAST OF CENTRAL CHILE        (134)
      MD 4.5 (SAN).

LCCH     0.96  68 iPd     39 30.50    0.4
                 iS      39 44.76
LNV      1.02  97 iPd     39 31.35    0.2
                 iS      39 45.93
IHA      1.16  46 e(P)    39 33.50   -0.1
                 i(S)    39 49.50
ROCH     1.61  58 iP+     39 40.35   -0.3
                 iS      40 03.88
CHCH     1.65  94 iPd     39 40.77   -0.3
                 iS      40 04.05
SAN      1.69  77 iPd     39 41.15   -0.4
                 iS      40 05.64
CACH     1.71 100 iPd     39 42.33    0.3
                 iS      40 06.27
PEL      1.77  67 iPd     39 43.17    0.4
                 iS      40 06.95
PCH      1.78  83 iP+     39 42.55   -0.4
                 iS      40 08.01
FCH      2.02  76 iPd     39 46.47   -0.2
                 iS      40 14.96
JACH     2.06  56 iP      39 46.64   -0.5
ZON      4.04  57 e(P)    40 15.60    0.4
CCH     17.40  21 eP      43 17.00    0.3
LPB     17.71  14 P       43 24.20    3.5X
LPAZ    17.94  14 P       43 23.70   -0.1
    S.D. = 0.4  on   14 of   15 obs.
----------------------------------------
? JUN  20, 1994  07h 32m 50.27± 0.66s
  11.296 S ±13.1km   113.155 E ±20.5km
  DEPTH = 33.0km  (normal)
 4.5mb (  5 obs.)
 SOUTH OF JAWA, INDONESIA          (282)
NANU    11.43 169 eP      35 33.00   -1.3
                 eS      37 35.00
MBL     11.71 148 eP      35 33.00   -5.2X
         0.3s      9.00nm          5.4mb
                 eS      37 32.00
MRWA    18.03 172 eP      37 00.50    0.5
                 eS      40 08.00
WARB    19.53 141 eP      37 20.00    1.9
                 eS      40 45.00
WB2     22.13 115 iPd     37 42.90   -1.9
         0.4s      6.10nm          4.4mb
                 iS      41 38.00
ASPA    23.26 125 iPc     37 56.10    0.2
         1.1s     12.40nm          4.3mb
                 i       38 15.40
                 eS      42 12.40
STKA    33.27 132 eP      39 36.40    9.5X
KMI     37.60 344 ePc     40 03.80   -0.2
         1.0s     10.00nm          4.6mb
                 pP      40 13.20  32kmX
                 sP      40 17.20
POO     48.80 307 iPc     41 33.80   -0.8
BJI     51.15   3 eP      41 57.00    4.9X
         1.0s      6.00nm          4.5mb
ITR    145.41 236 ePKP    52 33.40    5.8X
FVM    146.06  34 ePKP    52 26.82   -1.2
                 e       52 37.52
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RSNY 146.21 10 ePKP 52 28.07 0.0
e 52 38.69
MIAR 146.41 42 ePKP 52 28.97 0.3
e 52 39.45
YSNY 147.31 16 ePKP 52 30.20 0.3
e 52 41.63
MOCB 147.64 182 PKP 52 37.00 5.4X
BINY 148.19 13 ePKP 52 33.46 2.2
e 52 44.52
CCH 151.49 181 ePKP 52 55.00 17.6X
LPB 152.32 177 PKP 52 58.00 19.3X
LPAZ 152.56 177 PKP 52 58.40 19.1X
CEH 153.12 22 ePKP 52 45.44 6.7X
e 52 56.10
S.D. = 1.3 on 12 of 21 obs.

? JUN 20, 1994 07h 34m 31.55± 1.19s
39.378 N ±13.3km 21.407 E ± 8.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)

AGG 0.80 116 ePg 34 47.30 0.2
esg 34 58.90
IGT 0.85 281 iPg 34 47.66 -0.2
eSg 35 02.66
LIT 1.10 49 ePg 34 51.34 -0.9
eSg 35 08.33
GRG 1.75 25 iPb 35 03.14 1.0
S.D. = 1.4 on 4 of 4 obs.

? JUN 20, 1994 07h 45m 27.06± 1.49s
39.205 N ±14.3km 27.389 E ±46.6km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.81 187 ePg 45 43.30 0.0
eSg 45 54.80
EDC 1.20 18 ePn 45 50.00 0.2
BNT 1.22 19 ePn 45 50.00 -0.2
KCT 1.28 35 iPn 45 51.30 0.0
S.D. = 0.3 on 4 of 4 obs.

& JUN 20, 1994 07h 47m 44.19s
60.003 N 152.743 W
DEPTH = 101.2km
SOUTHERN ALASKA (2)
<AEIC>.

INE 0.17 290 eP 47 57.88 0.6
eS 48 09.36
RED 0.42 358 eP 47 58.98 -0.9
eS 48 10.68
OPT 0.43 215 eP 47 58.95 -0.9
RSO 0.46 359 eP 47 59.48 -0.8
eS 48 11.52
RS2 0.46 359 eP 47 59.55 -0.8
REF 0.49 2 iP 47 59.68 -0.8
eS 48 11.58
DFR 0.59 3 eP 48 00.26 -0.9
eS 48 12.74
RDT 0.60 16 eP 48 00.18 -1.0
eS 48 12.63
HOM 0.65 121 eP 48 00.85 -0.7
AUL 0.71 210 eP 48 01.48 -0.6
AUE 0.72 207 eP 48 01.63 -0.5
NNL 0.73 86 eP 48 02.11 -0.1
AUP 0.73 208 eP 48 01.25 -1.1
AGU 0.73 209 eP 48 02.37 0.0
AUH 0.73 209 eP 48 01.55 -0.8
AUI 0.75 208 eP 48 01.79 -0.7
XLV 0.76 136 eP 48 01.29 -1.2
PDB 0.76 254 eP 48 01.64 -0.9
eS 48 15.31
CNPM 0.90 121 iP 48 02.88 -1.1
eS 48 17.94
BRLK 0.97 104 eP 48 04.19 -0.5
eS 48 18.48
NKA 1.05 45 eP 48 06.31 0.8
BKG 1.10 12 iP 48 05.39 -0.8
MCNL 1.15 225 eP 48 05.41 -1.3
eS 48 21.68
CDD 1.17 204 eP 48 05.38 -1.6
CKL 1.21 9 eP 48 06.82 -0.7
CKT 1.23 12 eP 48 06.85 -0.9
SPU 1.23 16 iP 48 06.79 -0.9
eS 48 24.68
CKN 1.26 12 eP 48 07.35 -0.6
BGL 1.28 8 eP 48 07.67 -0.6
CP2 1.29 11 eP 48 07.92 -0.6
CRP 1.30 13 eP 48 07.99 -0.6
SLKM 1.36 67 eP 48 07.74 -1.4
SYI 1.41 172 eP 48 08.42 -1.3
SEW 1.66 85 eP 48 11.21 -1.6
MPA 1.76 72 eP 48 12.72 -1.4
SUA 1.76 33 eP 48 13.69 -0.7
eS 48 37.01
SVW 1.80 309 eP 48 12.20 -2.6
PMS 2.00 50 P 48 16.20 -1.2
S 48 40.50
PTE 2.04 63 eP 48 16.37 -1.4
SKT 2.07 16 eP 48 17.10 -1.2
PWA 2.17 39 P 48 18.60 -0.9
KDC 2.27 177 eP 48 16.84 -3.9
PLRM 2.38 46 eP 48 20.37 -2.0
PMR 2.38 46 eP 48 19.30 -3.1
KNK 2.54 54 eP 48 22.20 -2.3
GHO 2.58 45 eP 48 23.36 -1.7
CUT 2.69 25 eP 48 26.24 -0.3
SML 2.81 48 eP 48 25.91 -2.3
HIN 3.14 80 eP 48 30.85 -1.8
SCM 3.22 53 eP 48 31.47 -2.3
MID 3.30 97 P 48 33.10 -1.6
HUR 3.34 25 eP 48 34.76 -0.6
VLZ 3.36 68 eP 48 34.15 -1.5
CVA 3.53 78 P 48 36.00 -1.9
TRF 3.65 18 eP 48 39.38 -0.4
KLU 3.67 63 eP 48 36.91 -3.0
TOA 3.83 54 P 48 40.00 -2.1
RND 3.88 27 P 48 41.40 -1.5
DHY 4.01 37 eP 48 42.79 -2.0
MCK 4.15 24 P 48 45.60 -0.9
BWN 4.46 19 P 48 49.50 -1.2
PAX 4.58 46 eP 48 50.84 -1.7
GLB 4.62 68 eP 48 49.69 -3.3
NEA 4.90 19 eP 48 54.51 -2.3
FBA 5.42 23 eP 49 00.45 -3.6
IM3 6.02 356 eP 49 10.51 -1.8
BCA3 6.07 55 eP 49 11.09 -1.9
67 obs. associated

% JUN 20, 1994 08h 25m 08.63± 0.96s
33.072 S ± 9.4km 70.268 W ±15.2km
DEPTH = 100.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.5 (SAN).

FCH 0.26 184 iP+ 25 23.49 -0.3
iS 25 35.38
PEL 0.36 258 iP 25 23.71 -0.1
iS 25 35.43
JACH 0.48 325 iPd 25 24.71 0.1
iS 25 37.01
SAN 0.50 221 (P) 25 24.76 0.1
iS 25 37.16
PCH 0.59 201 iP+ 25 25.48 0.1
iS 25 38.20
ROCH 0.63 279 iP+ 25 25.98 0.0
iS 25 39.33
CHCH 0.92 200 iP+ 25 28.45 0.0
iS 25 44.35
CACH 1.08 195 iP+ 25 30.72 0.4
iS 25 48.21
LCCH 1.16 249 iP 25 31.30 0.1
iS 25 48.46
LNV 1.30 227 iPd 25 32.41 -0.4
iS 25 51.58
S.D. = 0.2 on 10 of 10 obs.

& JUN 20, 1994 08h 45m 16.10s
34.145 N 116.436 W
DEPTH = 3.8km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.7 (PAS), 2.7 (GS).

PEC 0.65 247 eP 45 28.21 -0.9
CSP 0.78 282 ePc 45 30.55 -1.1
PLM 0.87 204 eP 45 32.17 -1.3
SSK 1.04 274 ePc 45 35.41 -1.1
eS 45 49.40
GSC 1.19 345 eP 45 37.66 -1.3
ISA 2.26 313 eP 45 54.88 0.0
TPNV 2.80 3 eP 46 01.88 -0.9
7 obs. associated

? JUN 20, 1994 08h 50m 40.27± 1.17s
52.337 N ±30.4km 173.423 E ±29.8km
DEPTH = 33.0km (normal)
3.7mb (3 obs.)
NEAR ISLANDS, ALEUTIAN ISLANDS (5)

SMY 0.57 46 eP 50 51.91 0.0
FBA 23.33 42 eP 55 45.91 0.0
0.8s 0.93nm 3.3mb
NB2 66.08 351 P 01 25.60 0.0
0.4s 1.40nm 4.4mb
WRA 79.61 217 P 02 45.50 0.0
0.6s 0.40nm 3.6mb
S.D. = 0.0 on 4 of 4 obs.

? JUN 20, 1994 08h 58m 15.22± 5.12s
39.786 N ±42.8km 29.428 E ±15.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZI 0.55 4 ePg 58 26.50 0.0
eSg 58 36.50
KCT 0.94 300 ePn 58 32.50 -0.7
EYL 0.96 35 ePn 58 33.50 0.0
BNT 1.29 297 ePn 58 39.50 0.4
EDC 1.33 296 ePn 58 40.00 0.3
S.D. = 0.6 on 5 of 5 obs.

JUN 20, 1994 09h 09m 02.91± 0.14s
28.968 N ± 2.9km 52.614 E ± 1.9km
DEPTH = 8.6km (geophysicist)
5.9mb (124 obs.) 5.7Msz (47 obs.)
SOUTHERN IRAN (353)
Mw 5.8 (GS), 5.9 (HRV). Ms 5.9 (BRK). MD 5.8 (RYD). At least three people killed and 100 injured in the Firuzabad-Shiraz area. Twelve villages destroyed and 50 others severely damaged in the Firuzabad-Shiraz area. Landslides blocked a road in the Zagros Mountains. Felt at Jahrom. Depth from broadband displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 93 Dip=82 Slip= 30
NP2: 358 60 171
Principal Axes:
T Plg=27 Azm=320
P 15 222
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 12 Focal mech. F
Energy 9.7±2.4*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 16
Moment Tensor; Scale 10**17 Nm
Mrr=-0.07 Mtt=-0.84
Mff= 0.91 Mrt= 2.89
Mrf= 0.18 Mtf= 5.02
Principal axes:
T Val= 5.86 Plg=20 Azm=314
N 0.01 60 83
P -5.86 21 216
Best Double Couple:Mo=5.9*10**17
NP1:Strike=355 Dip=60 Slip=-179
NP2: 265 89 -30
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 52S,110C
Centroid Location:
Origin Time 09:09: 6.7 0.2
Lat 29.06N 0.02 Lon 52.44E 0.02
Dep 15.0 BDY Half-duration 2.1
Moment Tensor; Scale 10**17 Nm
Mrr=-0.72 0.11 Mtt=-3.95 0.14
Mff= 4.66 0.12 Mrt= 1.36 0.42
Mrf=-2.77 0.36 Mtf= 6.03 0.12
Principal Axes:

20d 09h

```
        T  Val=  8.17  Plg=12  Azm=115
        N       -0.24      67      355
        P       -7.93      19      210
      Best Double Couple:Mo=8.1*10**17
       NP1:Strike=251 Dip=67 Slip=  -5
       NP2:       343     85      -157

DHR      3.44 220 iPd   10 03.40   5.6X
                  eS    10 42.00
RYD      6.83 233 iPd   10 46.00   0.2
                  eS    11 58.00
TEH      6.83 352 ePc   10 45.00  -0.9
KER      7.13 320 ePc   10 49.00  -1.1
MJMA     7.21 246 ePd   10 49.70  -1.4
QASM     8.56 253 eP    11 08.00  -2.0
                  eS    12 33.33
MAIO     9.33  37 iPd   11 20.00  -0.7
                  eS    13 09.00
UQSK     9.65 253 eP    11 23.13  -1.9
ASH     10.16  27 eP    11 31.00  -1.0
                  iS    13 22.00
TAB     10.48 332 iP+   11 36.00  -0.6
KAT     10.64  16 ePc   11 38.00  -0.6
KMSA    11.30 223 ePd   11 44.33  -3.3X
RUWJ    12.72 289 Pd    12 03.22  -3.6X
QTFJ    13.37 286 Pd    12 12.71  -2.8
TAIF    13.47 238 eP    12 16.60  -0.4
DHJN    14.02 219 iPd   12 22.00  -2.4
MTA     14.20 335 iPc+  12 28.40   2.1
                  iS    15 10.80
MAK     14.63 345 eP    12 30.00  -1.8
        1.2s    495.00nm          6.0mb
      Z  15s     61.00um          3.0MszX
      N  15s     69.00um
      E  15s     61.00um
                  iS    15 14.00
JARJ    14.72 287 Pd    12 32.93  -0.3
MASJ    14.85 285 P     12 33.90  -1.0
MKRJ    14.89 284 Pd    12 33.92  -1.6
SALJ    14.91 286 Pd    12 34.18  -1.5
NAQJ    14.94 278 Pd    12 34.23  -2.0
SHMJ    14.95 289 Pd    12 33.83  -2.3
LISJ    15.00 283 Pd    12 35.78  -1.0
GLH     15.03 289 Pn    12 36.20  -1.1
HSHJ    15.04 276 Pd    12 37.17  -0.4
HRI     15.07 291 Pn    12 35.80  -2.1
HMDT    15.08 287 Pn    12 36.70  -1.1
MRSJ    15.10 277 Pd    12 35.52  -2.7
MZDA    15.17 283 Pn    12 36.10  -2.9
MML     15.19 287 Pn    12 37.70  -1.7
ARVI    15.23 281 Pn    12 39.40  -0.4
GVMR    15.26 288 Pn    12 38.40  -1.8
MKT     15.27 282 Pn    12 40.70   0.4
GAZ     15.27 306 iP    12 37.40  -2.9
MMR     15.28 290 Pn    12 39.70  -0.9
BHL     15.29 293 P     12 40.00  -0.7
                  S     15 42.00
YTIR    15.32 283 Pn    12 40.30  -0.8
AQBJ    15.34 277 Pd    12 40.19  -1.1
HRSH    15.35 288 Pn    12 39.60  -1.8
HQL     15.36 275 eP    12 45.40   3.9X
ATZ     15.38 289 Pn    12 40.10  -1.7
PRNI    15.38 279 Pn    12 41.30  -0.5
GRO     15.40 341 iPc+  12 44.00   2.1
        2.0s    960.00nm          5.8mb
      Z  14s     42.00um          4.6Msz
      N  16s     50.00um
      E  14s     70.00um
MAMI    15.42 288 Pn    12 40.70  -1.7
BADA    15.46 273 eP    12 42.00  -0.8
ADI     15.46 290 Pn    12 42.60  -0.2
MBH     15.49 277 Pn    12 41.00  -2.2
                  S     15 40.20
ZNT     15.49 287 Pn    12 43.60   0.4
BRNI    15.59 288 Pn    12 43.10  -1.4
SAGI    15.67 279 Pn    12 44.40  -1.2
PYA     16.86 336 eP    13 01.00   0.3
      Z  20s     22.00um
      N  20s     24.00um
      E  20s      5.00um
                  iS    16 08.00
KIV     16.93 335 iPc   13 02.50   0.8
        1.8s    309.00nm          5.1mb
                  (S)   16 11.60
LFK     17.33 296 eP    13 06.30  -0.4
CSS     17.41 295 eP    13 07.00  -0.6
SOC     17.88 328 iPd-  13 12.50  -0.9

        1.2s    550.00nm          5.6mb
      Z  14s     39.00um          4.4MszX
      N  15s     32.00um
      E  14s     52.00um
                  eS    16 31.00
HLW     18.56 278 eP+   13 23.50   1.7
                  epP   13 27.00
                  e     13 30.00
                  ePP   13 40.00
                  eS    16 47.00
                  esS   16 54.00
ARO     19.60 210 P     13 38.00   3.3X
BZK     19.89 316 ePb   13 38.30   0.9
ANN     20.00 327 eP    13 38.50   0.0
        1.3s    300.00nm          5.5mb
      Z  15s     19.00um          5.6MszX
      N  19s     39.00um
      E  25s     36.00um
                  iS    17 18.00
BCK     20.25 300 eP    13 40.50  -0.9
ELL     20.56 298 iP    13 45.00   0.3
KSL     20.66 296 eP    13 44.10  -1.4
KHL     21.32 302 iP    13 52.30  -0.1
GPA     21.49 308 iP    13 49.10  -4.9X
NDI     21.55  85 eP    13 54.50  -0.2
        0.5s    260.56nm          5.9mb
SIM     21.67 322 eP    13 54.00  -1.7
      Z  20s     13.20um          5.3Msz
      N  20s     17.50um
      E  28s     38.00um
                  iS    17 50.00
EYL     21.71 308 eP    13 56.80   0.4
POO     22.00 113 iPc   14 00.00   0.7
        1.0s    260.00nm          5.6mb
IZI     22.09 307 eP    14 02.00   1.9
HRT     22.16 308 iP    13 59.60  -1.1
YLV     22.26 307 iP    14 01.90   0.1
FRU     22.48  46 eP    14 04.20   0.3
                  e     14 08.00  14kmX
                  e     14 29.00
                  e     14 39.20
                  e     18 41.00
ISK     22.68 308 eP    14 05.90   0.1
KCT     22.85 306 iP    14 09.50   2.0
IZM     23.04 301 eP    14 11.50   2.0
IZM     23.04 301 eP    14 07.30  -2.2
CTT     23.15 308 eP    14 11.40   1.0
BNT     23.20 306 iP    14 13.40   2.5X
EDC     23.23 306 iP    14 13.00   1.7
NPS     23.67 292 eP    14 17.80   2.2
DMK     23.88 309 eP    14 18.90   1.3
PRK     24.02 302 eP    14 20.00   1.1
EZN     24.16 304 iP    14 21.50   1.2
AAA     24.18  47 iPc   14 22.50   2.0
      Z  12s     25.00um          5.9MszX
      N  12s     13.50um
      E  12s     25.00um
                  eS    18 40.00
PSN     24.44 314 eP    14 24.00   1.1
ALN     24.72 306 eP    14 26.02   0.3
VAM     24.84 292 eP    14 29.00   2.1
JMB     24.94 310 eP    14 30.00   2.2
RDO     25.17 306 eP    14 31.20   1.2
CFR     25.21 317 eP    14 26.60  -3.7X
KDZ     25.43 307 eP    14 33.00   0.5
DIM     25.50 308 iPc   14 34.00   0.9
ATH     25.64 298 eP    14 36.40   1.9
                  eS    19 16.00
KIS     25.82 321 iPc   14 35.50  -0.5
      N  16s     17.00um
      E  16s     16.20um
                  i     14 43.00  27kmX
                  i     15 17.00
                  eS    19 02.00
RZN     25.94 307 iPc   14 37.00  -0.4
OUR     26.03 303 eP    14 39.10   1.1
VLI     26.03 295 eP    14 37.20  -0.9
PPE     26.08 318 eP    14 38.00  -0.5
PVL     26.09 310 iP    14 40.00   1.4
PLD     26.09 308 iPc   14 39.00   0.4
BIR     26.10 318 eP    14 52.00  13.3X
BUC     26.11 313 iPd   14 40.00   1.3
BUC1    26.12 313 eP    14 40.00   1.2
PAIG    26.14 302 eP    14 40.94   1.9
ISR     26.17 315 eP    14 40.00   0.6
HYB     26.41 110 ePc   14 42.00   0.2
        1.0s    500.00nm          6.2mb

VRI     26.43 317 eP    14 41.50  -0.2
SRS     26.55 305 eP    14 43.54   0.7
MMB     26.60 306 iPc   14 43.00  -0.4
SOH     26.63 304 eP    14 44.70   1.0
MLR     26.71 315 eP    14 44.50   0.0
THE     26.86 304 eP    14 47.06   1.4
SNX     26.91 315 eP    14 50.00   3.7X
AGG     26.93 300 eP    14 46.70   0.3
KNT     27.06 305 eP    14 47.94   0.4
LIT     27.06 302 eP    14 47.86   0.2
MTUR    27.14 314 eP    14 49.50   1.2
KKB     27.15 306 iPc   14 48.00  -0.3
CMP     27.17 314 iPc   14 49.00   0.5
PTT     27.18 318 eP    14 50.00   1.4
VTS     27.30 308 iPc   14 50.00   0.1
VAY     27.34 305 iPd   14 50.40   0.3
        1.0s    320.00nm          6.0mb
GRG     27.36 304 eP    14 50.66   0.3
BRVK    27.36  23 iPd   14 49.00  -1.2
        1.8s    260.00nm          5.7mb
      N  12s     18.38um
      E  12s     23.43um
DRA     27.41 313 ePd   14 57.00   6.4X
COZ     27.63 314 eP    14 52.00  -0.9
GBA     27.64 118 Pc    14 53.00   0.0
        0.7s    999.90nm          6.7mb
KZN     27.65 302 eP    14 53.30   0.3
ARU     27.75   7 ePd   14 54.42   0.8
FNA     28.06 303 eP    14 57.34   0.6
VLS     28.11 297 eP    14 56.50  -0.6
SKO     28.34 306 iPc   14 59.20   0.0
        1.1s    170.00nm          5.8mb
      Z  16s     17.62um          5.8MszX
                  i     15 04.00  17kmX
                  i     15 16.00
                  iPP   15 56.00
                  iSg   19 33.00
                  i     20 10.00
                  iPcS  22 01.00
                  LR    26 59.00
SVE     28.40   9 iP+   15 02.00   2.5X
        2.0s    360.00nm          5.8mb
      Z  15s     14.50um          5.7MszX
      N  15s      8.50um
      E  15s     15.00um
                  e     15 52.00 255kmX
                  iS    19 48.00
                  eSSS  21 14.00
KBN     28.45 303 eP    15 00.40   0.1
LSK     28.48 302 iPc   15 01.40   0.8
IGT     28.55 300 eP    15 00.86  -0.2
OBN     28.55 341 iPc+  15 00.00  -0.9
        1.2s    814.00nm          6.4mb
      Z  21s     16.00um          5.6Msz
      N  24s     12.00um
      E  19s     12.00um
                  e     15 58.00 304kmX
                  i     18 20.00
                  eS    19 44.00
                  iSS   21 16.00
OHR     28.57 304 iP    15 01.60   0.3
        1.0s    790.00nm          6.5mb
                  i     21 52.50
DEV     28.79 314 ePc   15 07.00   3.9X
MOS     28.83 342 eP    15 03.00  -0.3
        1.6s   1000.00nm          6.4mb
      Z  18s     13.20um          5.6Msz
      N  18s     13.20um
      E  18s      8.10um
                  e     15 53.00 255kmX
                  eS    19 49.00
                  eSS   21 18.00
PHP     28.98 305 iPd   15 05.70   0.8
KEK     28.99 300 eP    15 04.90  -0.1
TIR     29.31 304 eP    15 06.20  -1.7
VLO     29.38 302 eP    15 09.60   1.1
LACI    29.50 304 iPd   15 09.50   0.0
PVY     29.57 306 iPc   15 11.05   0.7
IVA     29.70 307 iPc   15 14.16   2.7X
SDA     29.76 305 iPd   15 10.00  -1.9
BEO     29.95 311 eP    15 14.60   1.0
PLE     30.19 307 iPc   15 17.14   1.3
BDV     30.30 305 iPc   15 15.67  -1.1
NKY     30.32 306 iPc   15 16.58  -0.4
UZH     30.42 319 eP    15 18.00   0.3
        1.3s     65.00nm          5.3mb
      Z  19s     15.00um          5.7Msz
```

E 19s 18.00um
e 16 20.10 325kmX
e 18 15.00
eS 20 12.00
LCI 30.50 301 (P) 15 17.85 -0.6
HCY 30.58 305 iPc 15 18.05 -1.1
BRY 30.66 306 iPc 15 19.32 -0.8
MNK 30.89 331 eP 15 21.00 -0.7
BRT 31.17 302 (P) 15 24.43 0.1
GRI 31.43 298 (P) 15 27.81 1.0
ORI 31.59 300 (P) 15 29.33 1.2
TDS 31.61 299 eP 15 29.87 1.6
SOI 31.64 296 (P) 15 29.91 1.4
ATN 32.11 296 (P) 15 25.49 -7.2X
MGR 32.28 300 (P) 15 34.41 0.3
MEU 32.45 294 (P) 15 37.75 2.0
SRO 32.45 315 iP 15 35.50 0.0
e 20 40.00
e 21 10.80
i 22 05.50
SGO 32.53 301 (P) 15 37.27 1.0
MNO 32.69 296 (P) 15 43.23 5.2X
GIB 33.23 296 (P) 15 46.33 3.8X
ZAG 33.26 310 iPc 15 43.20 0.6
PTJ 33.30 311 eP 15 42.50 -0.6
DUI 33.34 303 (P) 15 44.97 1.5
FAI 33.46 295 (P) 15 48.37 3.9X
LSA 33.50 79 ePc 15 45.77 0.3
epP 15 48.42 9kmX
MCT 33.51 295 (P) 15 48.87 3.8X
RFI 33.64 302 eP 15 47.36 1.5
VBY 33.66 310 iPc 15 46.00 -0.1
i 16 05.10 81kmX
NAI 33.67 209 iPd 15 50.00 3.4X
S 21 20.00
PcS 22 12.00
VKA 33.86 315 iPc 15 47.00 -0.8
1.8s 558.00nm 6.2mb
Z 16s 8.40um 5.6MszX
i 15 54.00 24kmX
i 21 27.10
LR 32 25.00
USI 33.94 297 (P) 15 50.75 2.1
CVT 34.18 295 (P) 15 54.25 3.6X
RIY 34.20 309 eP 15 49.80 -1.0
AQU 34.24 304 (P) 15 52.97 1.7
LJU 34.29 310 eP 15 52.00 0.4
e(pP) 15 56.40 15kmX
i 15 56.90
e 16 03.50
e 16 06.00
e 16 10.50
eS 21 16.00
eSS 23 38.00
eScS 26 04.00
PUL 34.32 340 ePc 15 51.50 -0.1
1.4s 800.00nm 6.4mb
Z 20s 12.00um 5.6Msz
N 18s 8.00um
E 18s 11.00um
e 17 03.00 374kmX
e 18 26.00
(S) 21 07.00
DPC 34.62 318 ePc 15 54.16 -0.2
1.3s 265.64nm 6.0mb
RDP 34.65 302 (P) 15 55.45 0.7
RMP 34.67 303 (P) 15 56.73 1.9
VOY 34.72 310 ePc 15 54.80 -0.6
TRI 34.72 309 (P) 15 51.81 -3.4X
TRI 34.72 309 eP 15 55.00 -0.2
ePP 17 12.00
eS 21 24.40
e 22 28.00
MNS 34.77 304 (P) 15 56.03 0.2
ARV 34.79 305 (P) 15 56.69 0.8
ASS 34.91 305 eP 15 58.04 1.1
KMR 35.17 314 iP+ 15 59.10 0.1
RSM 35.22 306 (P) 16 02.27 2.8X
KBA 35.38 312 iPc 16 00.70 -0.3
1.0s 363.00nm 6.2mb
i 16 05.10 15kmX
i 21 35.90
CRE 35.52 305 eP 16 02.63 0.4
PRU 35.58 317 P 16 01.80 -0.7
1.9s 417.00nm 6.0mb
Z 15s 9.20um 5.7MszX
N 16s 12.80um

E 17s 4.90um
i 16 06.70 17kmX
i 17 37.00
eS 21 35.00
i 22 22.20
eSS 24 07.00
FVI 35.61 311 eP 16 03.26 0.5
SFI 35.64 306 (P) 16 04.85 1.8
GEC2 35.69 315 e(P) 16 12.60 9.0X
0.5s 19.70nm 5.2mb
GEC2 35.69 315 e(P) 16 18.00 14.4X
0.7s 20.30nm
GEC2 35.69 315 P 16 02.59 -1.0
0.7s 20.30nm 5.1mb
GEC2 35.69 315 e(P) 16 05.70 2.1
0.4s 2.00nm 4.3mb X
VVI 35.70 310 (P) 16 04.29 0.7
PGD 35.73 306 eP 16 05.36 1.3
BHG 35.86 313 iPc 16 04.70 -0.3
1.3s 136.00nm 5.7mb
i 16 08.90 14kmX
KHC 35.87 315 iPc 16 04.40 -0.6
1.3s 361.50nm 6.1mb
Z 15s 8.30um 5.6MszX
N 16s 4.50um
E 16s 2.00um
e 16 11.00 22kmX
e 16 20.50
e 16 35.50
e 16 50.50
e 17 22.50
eS 21 38.00
e 26 00.00
e 27 06.00
CTI 36.23 309 eP 16 08.14 -0.1
BRG 36.27 318 iPc 16 07.40 -0.9
1.8s 210.00nm 5.7mb
Z 18s 16.00um 5.8Msz
N 18s 17.00um
E 18s 12.00um
iS 21 47.00
WET 36.30 315 iPc 16 07.80 -0.9
WTTA 36.55 311 iPc 16 10.20 -0.7
0.9s 566.00nm 6.4mb
i 16 14.50 14kmX
i 17 16.40
i 21 49.00
i 26 21.50
i 26 31.10
PII 36.55 305 (P) 16 10.53 -0.2
BDI 36.56 306 (P) 16 10.59 -0.4
WATA 36.61 312 iPc 16 10.30 -1.1
i 16 18.90 29kmX
i 21 51.80
i 21 59.20
NUR 36.71 337 iP 16 10.20 -1.7
0.4s 123.90nm 6.1mb
Z 18s 11.00um 5.7Msz
eS 21 52.00
LR 30 40.00
SQTA 36.82 311 iPc 16 12.30 -0.8
0.8s 421.00nm 6.3mb
i 16 16.70 15kmX
i 21 54.00
i 22 04.20
SAL 36.90 308 eP 16 14.85 1.2
MOTA 36.92 311 iPc 16 13.70 -0.3
i 16 16.70 10kmX
i 21 57.90
CLL 36.98 318 iPc 16 13.90 -0.4
1.4s 275.00nm 5.8mb
Z 18s 10.50um 5.7Msz
iPcP 18 49.30
eScP 22 20.00
CGL 37.00 298 eP 16 16.32 1.6
FUR 37.02 313 eP 16 14.10 -0.6
1.1s 940.00nm 6.5mb
Z 19s 8.00um 5.5Msz
BRNL 37.21 320 ePc 16 16.00 -0.2
BRN 37.29 320 eP 16 17.00 0.1
KAF 37.38 340 iP 16 16.80 -0.7
0.4s 78.60nm 5.8mb
OSS 37.40 310 ePc 16 17.90 -0.2
BOB 37.49 307 eP 16 19.17 0.4
PGF 37.49 303 iPc 16 18.50 -0.3
1.2s 293.95nm 5.9mb
MDI 37.50 308 (P) 16 16.75 -1.9

GRF 37.50 315 iPc 16 18.60 -0.1
1.2s 137.10nm 5.6mb
Z 23s 5.20um 5.3MszX
e(S) 22 06.40
GRFO 37.51 315 ePc 16 18.45 -0.3
esPc 16 22.09
BSD 37.56 325 iP 16 17.50 -1.6
0.8s 210.00nm 6.0mb
MOX 37.57 317 eP 16 19.40 0.1
1.4s 44.00nm 5.0mb
ePP 17 48.00
eS 22 02.00
VDL 37.81 310 ePc 16 21.30 -0.3
TMA 38.14 309 ePc 16 23.30 -1.0
VAI 38.16 308 (P) 16 24.23 0.0
LLS 38.21 310 ePc 16 24.00 -0.9
CKI 38.26 306 (P) 16 24.27 -0.9
ORO 38.66 308 (P) 16 27.55 -1.1
SAOF 38.72 305 P 16 29.47 0.4
APL 38.73 310 ePc 16 29.00 -0.1
SLE 38.74 311 ePc 16 28.10 -1.0
ZLA 38.74 311 ePc 16 28.50 -0.7
MMK 38.75 309 ePc 16 28.70 -0.8
SBF 38.79 305 iPc 16 29.50 -0.2
1.0s 758.40nm 6.3mb
AUTN 38.81 305 P 16 30.55 0.5
REVF 38.82 305 P 16 30.27 0.3
AURF 38.87 305 P 16 30.31 -0.1
UPP 38.90 333 iP 16 29.40 -0.8
iS 22 22.00
TOUF 38.94 305 P 16 31.22 0.1
DOI 39.01 306 (P) 16 30.03 -1.5
FEL 39.08 311 P 16 31.01 -1.1
COP 39.08 325 iPc 16 32.40 0.6
0.9s 292.44nm 5.9mb
DIX 39.13 308 ePc 16 32.00 -0.8
CALN 39.17 305 P 16 32.65 -0.3
SURF 39.31 306 P 16 34.28 0.1
FRF 39.32 304 iPc 16 33.60 -0.4
1.1s 151.90nm 5.6mb
BBS 39.32 311 P 16 32.93 -1.1
FOUF 39.34 306 iPc 16 34.29 0.2
TNS 39.37 315 ePc 16 34.00 -0.4
i 16 46.90 48kmX
iPP 17 56.30
i 22 30.90
i 22 36.30
LMR 39.40 304 iPc 16 34.30 -0.3
1.4s 182.10nm 5.5mb
LIBD 39.40 312 P 16 33.80 -0.8
CHDN 39.43 305 ePc 16 34.70 -0.3
EMS 39.46 308 ePc 16 34.40 -1.0
LANF 39.46 313 P 16 33.63 -1.5
BNI 39.48 307 eP 16 34.99 -0.5
LPG 39.49 307 iPc 16 35.80 0.0
0.9s 420.65nm 6.1mb
LPL 39.51 307 iPc 16 36.00 0.1
1.0s 579.20nm 6.2mb
LRG 39.52 304 iPc 16 35.30 -0.3
1.1s 168.00nm 5.6mb
Z 24s 9.30um 5.5MszX
RSL 39.61 308 P 16 35.02 -1.6
WLS 39.62 312 P 16 34.95 -1.6
MOF 39.65 311 P 16 35.80 -1.0
CDF 39.67 312 iPc 16 35.60 -1.4
0.9s 78.60nm 5.4mb
ECH 39.71 312 P 16 36.00 -1.2
LOMF 39.75 310 P 16 37.68 0.0
BSF 39.87 311 iPc 16 37.60 -1.1
1.2s 363.00nm 5.9mb
GRN 40.16 307 P 16 39.61 -1.5
HAU 40.20 311 iPc 16 39.90 -1.4
1.2s 200.55nm 5.7mb
Z 23s 7.72um 5.5MszX
BNS 40.35 316 iPc 16 42.80 0.4
Z 20s 12.80um 5.8Msz
LVZ 40.41 350 iP 16 42.30 -0.4
WLF 40.67 314 iPc 16 42.60 -2.4
WTS 40.85 317 iPc 16 47.50 1.0
0.9s 334.00nm 6.1mb
MEM 40.98 315 iPc 16 49.32 1.8
id 16 54.82 19kmX
SSB 41.01 307 P 16 47.41 -0.6
MUD 41.07 324 iPd 16 49.20 1.0
0.9s 246.00nm 5.9mb
ENN 41.07 315 eP 16 49.00 0.7
1.0s 222.00nm 5.8mb

20d 09h

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               ePcP  18 33.00
WIT   41.17 318 eP   16 51.00   1.9
               ePcP  18 36.00
SDF   41.58 345 iP   16 52.30   0.0
LBF   41.61 309 iPc  16 52.10  -0.8
      1.0s  228.00nm          5.9mb
SMF   41.66 309 iPc  16 52.40  -0.9
      0.9s  594.90nm          6.3mb
PLDF  41.73 308 P    16 53.28  -0.6
LOR   41.73 310 iPc  16 52.80  -1.1
      0.9s  146.75nm          5.7mb
    Z 22s     8.02um          5.6Msz
DOU   41.75 314 Pc   16 55.00   1.1
               ScP   22 40.10
               S     23 07.00
               e     26 29.00
DBN   41.85 317 eP   16 56.00   1.3
    Z 20s     3.50um          5.2Msz
               e     18 36.00 559kmX
               eS    23 14.00
               eSS   26 28.00
               e     28 20.00
LBL   41.91 307 P    16 55.26  -0.2
SSF   41.94 309 iPc  16 54.90  -0.7
      1.1s  433.70nm          6.1mb
ESEL  41.96 298 eP   16 58.13   2.4X
ETER  42.01 302 eP   16 57.65   1.5
AVF   42.01 309 iPc  16 55.40  -0.7
      1.2s  396.30nm          6.0mb
SNF   42.03 315 iPd  16 57.13   1.0
UCC   42.04 315 P    16 57.00   0.7
               S     23 15.00
AGO   42.08 308 P    16 56.08  -0.6
PYM   42.13 307 P    16 56.56  -0.7
NB2   42.20 331 P    16 56.00  -1.5
      1.1s  215.60nm          5.8mb
DOMF  42.22 314 P    16 58.08   0.4
MTHF  42.27 303 P    16 59.10   0.8
BGF   42.33 309 iPc  16 58.00  -0.7
      1.2s  341.55nm          6.0mb
MAF   42.49 308 iPc  16 59.70  -0.3
      1.2s  272.55nm          5.9mb
HYF   42.56 310 iPc  17 00.50  -0.1
CAF   42.72 306 iPc  17 01.80  -0.2
      1.0s  227.20nm          5.9mb
LSPF  42.73 303 P    17 03.15   1.0
TCF   42.74 308 iPc  17 01.70  -0.4
      1.0s  212.00nm          5.8mb
PAND  42.98 302 P    17 05.55   1.1
GRBF  43.00 303 P    17 04.79   0.4
RJF   43.14 307 iPc  17 05.40   0.0
      1.2s  511.75nm          6.1mb
    Z 23s    12.25um          5.7MszX
LESF  43.19 303 P    17 06.41   0.6
LSF   43.21 308 iPc  17 05.30  -0.6
      1.3s  258.50nm          5.8mb
CHTO  43.32  93 ePc  17 06.84  -0.3
      1.0s   31.75nm          5.0mb
               ec    17 08.82   7kmX
LPO   43.33 306 iPc  17 06.90   0.0
      1.3s  349.45nm          6.0mb
LZH   43.36  67 eP   17 07.65   0.1
      1.2s  310.00nm          5.9mb
    Z 20s    18.79um          6.0Msz
    E 15s     8.47um
               epPc  17 10.62  10kmX
               sP    17 15.00
               PP    19 50.00
               S     23 34.00
               sS    23 40.00
               SS    26 42.00
ZAK   43.47  46 ePd  17 08.00   0.0
      1.4s  120.00nm          5.5mb
               e     19 00.00 663kmX
               eS    23 37.00
LFF   43.66 306 iPc  17 09.70   0.1
      1.0s  539.20nm          6.3mb
EROQ  43.84 300 eP   17 12.56   1.5
EPF   43.88 303 iPc  17 10.50  -1.0
      1.1s   97.70nm          5.5mb
TLY   43.93  44 eP   17 12.59   0.9
BDT   43.98  95 eP   17 11.00  -1.5
      1.0s  217.40nm          5.9mb
EGRA  44.36 302 eP   17 12.85  -2.4
MFF   44.39 308 iPc  17 14.60  -0.9
      1.0s  435.20nm          6.3mb
JAU   44.40 303 P    17 16.95   1.1
IRK   44.45  44 eP   17 15.00  -0.9
      1.2s   37.00nm          5.1mb
    Z 16s    14.98um          6.0MszX
    N 16s     7.58um
    E 14s    14.99um
               e     19 32.00
               eS    23 48.00
               e     27 06.00
OGE   44.48 303 P    17 16.79   0.5
KMI   44.55  83 ePc  17 17.19  -0.1
      1.2s  530.00nm          6.3mb
    Z 20s     8.70um          5.7Msz
    N 14s     5.30um
    E 14s     4.30um
               e     17 19.09   6kmX
               PcP   18 52.00
               PP    19 06.00
               S     23 48.00
               SS    27 10.00
ESCF  44.55 303 P    17 17.93   1.0
LDF   44.56 311 iPc  17 15.60  -1.2
      0.9s  211.60nm          6.0mb
ACU   44.58 297 eP   17 19.10   1.9
LHE   44.59 303 P    17 17.60   0.3
ATE   44.64 303 P    17 18.58   0.9
ISSF  44.71 303 P    17 18.81   0.5
ISSF  44.71 303 P    17 19.62   1.3
FLN   44.81 311 iPc  17 17.80  -1.1
      1.0s  436.80nm          6.3mb
    Z 23s     6.97um          5.5MszX
ELYF  44.86 303 P    17 19.23  -0.2
BOH   44.87 303 P    17 20.35   0.8
ECHE  44.94 298 eP   17 22.31   2.2
GRR   45.02 311 iPc  17 19.70  -0.9
      1.0s  427.20nm          6.3mb
LPF   45.11 310 iPc  17 20.20  -1.1
      1.0s  419.20nm          6.3mb
ELIZ  45.25 303 eP   17 23.90   1.4
NST   45.62  96 eP   17 25.00  -0.6
ETOR  45.71 300 eP   17 27.15   0.9
ENIJ  46.14 295 eP   17 31.57   2.0
EVIA  46.20 297 eP   17 31.31   1.1
LOE   46.30  93 eP   17 31.00   0.0
EHUE  46.36 296 eP   17 33.15   1.8
TAF   46.60 292 iPc  17 37.00   3.7X
NNT   46.65 100 iPc  17 34.30   0.5
ECOG  47.19 295 eP   17 38.95   1.0
EGUA  47.24 295 eP   17 39.72   1.4
EBAN  47.26 297 eP   17 39.36   1.0
GUD   47.31 300 eP   17 39.58   0.7
      0.9s    0.18nm          3.2mb X
EKA   47.39 320 Pc   17 37.50  -1.6
      1.0s   54.90nm          5.6mb
ERON  47.41 295 eP   17 40.38   0.6
PAB   47.55 299 ePc  17 41.09   0.3
               iS    24 23.00
ELOJ  47.67 295 eP   17 42.47   0.7
ELUQ  47.70 296 eP   17 42.20   0.2
XAN   47.77  69 iPc  17 41.68  -0.9
               epPc  17 43.83   7kmX
EHOR  48.44 296 eP   17 48.08   0.4
EPRU  48.55 295 eP   17 48.95   0.4
LIJA  48.70 295 eP   17 52.00   2.2
EJIF  48.81 295 eP   17 51.25   0.8
EPLA  48.83 299 eP   17 51.31   0.7
ALJ   48.88 295 eP   17 53.00   1.8
MOMI  49.03 294 eP   17 53.00   0.8
IFR   49.04 291 iP   17 53.00   0.5
               i     17 55.00   7kmX
PLAT  49.09 294 eP   17 56.00   3.3X
GIBL  49.14 295 eP   17 56.00   3.0X
CNIL  49.29 295 eP   17 56.00   1.9
SFS   49.40 295 iP   17 56.00   1.0
               eS    25 04.00
ERUA  49.41 303 eP   17 55.90   0.8
MVO   49.44 301 eP   17 56.00   0.6
EMON  49.47 304 eP   17 55.99   0.4
EVAL  49.65 296 eP   17 57.70   0.7
MTE   49.90 300 eP   18 00.00   1.1
CIT   50.10  45 eP   18 00.50   0.2
    Z 16s    17.96um          6.2MszX
    E 16s    18.48um
               eS    25 12.00
STS   50.41 303 eP   18 02.61   0.0
      1.1s    0.09nm          2.6mb X
FIG   50.58 296 eP   18 06.70   2.6X
COI   50.59 300 P    18 05.00   0.9
PTO   50.62 301 eP   18 05.30   1.0
               eS    25 20.00
MOE   50.77 298 P    18 06.80   1.3
AVE   50.96 291 iP   18 08.50   1.6
               i     18 51.00 190kmX
VAL   51.25 315 iP   18 08.00  -0.9
LIS   51.36 298 eP   18 12.00   2.1
TIO   51.37 288 iP   18 12.50   2.2
               i     18 33.50  85kmX
IPM   51.83 108 ePc  18 12.50  -1.3
BJI   52.54  60 eP   18 19.00   0.2
      1.0s   67.00nm          5.5mb
    Z 20s    15.10um          6.0Msz
    N 17s    13.20um
               ePcP  19 29.50
               ePP   20 20.00
               eS    25 44.00
               eScS  28 05.50
               eSS   29 22.00
QIZ   52.78  87 (P)  18 19.02  -1.9
               epPc  18 22.00  10kmX
KGM   55.15 110 ePc  18 36.50  -1.8
      1.2s  511.50nm          6.4mb
AKU   56.06 332 iPc  18 44.80   0.6
      1.1s  151.90nm          5.9mb
KIC   58.48 259 P    19 01.26  -0.8
      1.0s  200.00nm          6.2mb
BFT   58.51 204 eP   19 03.50   1.3
      1.0s  200.00nm          6.2mb
SSE   58.52  69 Pd   19 01.00  -1.0
      1.0s  129.00nm          6.0mb
    Z 16s   137.00um          7.2MszX
    N 21s    23.00um
    E 21s     5.30um
               pP    19 09.00  26kmX
               S     27 03.00
               SS    30 52.00
TIC   58.58 260 P    19 01.86  -0.9
      0.4s   49.50nm          6.0mb
LIC   58.79 259 P    19 03.36  -0.9
      0.7s  112.00nm          6.1mb
    Z 20s     4.00um          5.5Msz
YAK   58.86  32 ePd  19 01.55  -2.5
      2.0s  454.00nm          6.2mb
               epPc  19 04.20   9kmX
               ed    19 06.85
               i     19 50.00
               iS    27 05.00
               iPS   27 23.00
               i     30 58.00
               eSS   33 21.00
SLR   59.20 206 iPd  19 15.00   8.1X
      0.9s  233.00nm          6.3mb
NWL   60.40 203 iPd  19 15.70   0.5
      0.6s   66.00nm          5.9mb
TATO  60.73  76 eP   19 18.18   0.8
      1.1s  306.83nm          6.3mb
TBT   60.88 289 (P)  19 19.49   1.2
TPI   61.41 111 ePd  19 21.00  -1.1
               e     23 00.00
WIN   61.61 218 iPc  19 25.50   1.9
      1.5s  100.00nm          5.8mb
SWZ   61.65 208 iPc  19 22.50  -1.2
      1.6s  140.00nm          5.9mb
SEK   61.78 205 iPc  19 25.00   0.4
      0.6s  266.00nm          6.6mb
KDS   62.09 269 iPd  19 25.80  -1.0
BBP   62.80  81 ePd  19 31.00  -0.4
BOSA  62.89 207 eP   19 32.10   0.4
BLF   63.03 206 iPd  19 33.40   0.6
      0.8s  186.00nm          6.3mb
BAG   63.21  85 ePc+ 19 34.00  -0.4
      1.5s  211.11nm          6.1mb
               eS    28 04.00
BCP   63.23  85 eP   19 47.00  12.5X
VLA   63.42  54 iPc  19 35.00  -0.1
      1.0s  202.00nm          6.3mb
               i     20 09.00 142kmX
               e     27 57.00
               e     29 22.00
LEM   63.76 115 ePd  19 36.20  -1.8
CVP   63.76  83 ePd  19 37.00  -0.8
FRS   63.94 206 iPd  19 40.00   1.4
      1.4s  220.00nm          6.2mb
KKM   64.03  98 eP   19 42.00   2.3
QCP   64.38  87 eP   19 44.00   2.1
ALE   64.59 352 eP   19 40.50  -1.8
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                  esPc  19 44.47  19kmX
                  ed    19 46.54
PKA     64.90 209 iPc   19 45.80    0.8
        1.4s  120.00nm         5.9mb
MBO     65.45 273 iPc   19 50.30    1.5
SHNJ    65.54  63 P     19 49.70    0.7
KUMJ    65.85  65 P     19 51.10    0.0
POF     65.88 211 iPd   19 54.50    3.4X
        0.8s  100.00nm         6.1mb
GQP     65.89  87 ePd   19 52.00    0.4
TSM     66.32  99 ePc   19 54.00   -0.4
KAGJ    66.37  66 P     19 54.50    0.1
GRM     66.68 204 iPd   19 58.00    1.7
        1.2s  360.00nm         6.4mb
BEW     67.33 207 eP    20 01.90    1.4
        1.4s  160.00nm         6.0mb
GDH     68.70 338 iPc   20 10.00    1.5
        1.8s  318.18nm         6.2mb
                  e     29 18.00
                  i     39 52.00
YSS     69.50  47 eP    20 12.34   -1.4
        1.0s  150.00nm         6.1mb
    Z  18s      7.40um         6.0Msz
                  eS    29 17.00
MAJO    70.13  59 eP    20 17.08   -0.8
        0.9s   79.81nm         5.8mb
MAT     70.13  59 eP    20 17.00   -0.9
        1.0s   66.00nm         5.7mb
    Z  20s      6.03um         5.8Msz
                  eS    29 24.00
CGP     70.30  91 eP    20 17.00   -2.2
CTB     70.45  93 ePd   20 21.00    0.9
ASAJ    70.49  50 eP    20 18.70   -1.2
HOOJ    71.58  51 eP    20 25.90   -0.6
DAV     71.71  92 eP    20 15.80  -11.9X
BIP     71.77  91 ePd   20 26.80   -1.3
KUSJ    72.27  50 P     20 29.20   -1.4
MKS     72.57 106 iPc   20 31.00   -1.8
RES     74.45 351 eP    20 43.00    0.2
        1.0s    6.00nm         4.6mb X
MBC     74.92 358 eP    20 44.50   -1.0
        0.7s   14.00nm         5.1mb
ILT     76.19  18 iPc   20 51.50   -1.3
        1.6s  148.00nm         5.8mb
    Z  14s      8.10um         6.2MszX
    N  14s      2.50um
    E  14s      4.00um
                  i     20 58.20  21kmX
                  e     23 52.00
                  iS    30 36.00
                  ePS   31 18.00
PET     76.25  37 eP    20 52.00   -1.4
        1.0s   36.00nm         5.4mb
    Z  19s      0.80um         5.0Msz
                  eS    30 36.00
                  eSSS  38 48.00
FRB     76.71 337 eP    20 55.50   -0.3
        1.0s   47.00nm         5.5mb
BRW     77.89   9 eP    21 02.19    0.0
NANU    79.34 123 eP    21 11.00    0.1
MBL     81.73 120 eP    21 23.50   -0.1
        1.0s  129.00nm         6.0mb
ANM     82.17  16 e(P)  21 26.40    1.2
INK     82.91   2 eP    21 28.50   -0.4
        1.0s   19.00nm         5.2mb
IMA     83.14  10 eP    21 29.72   -0.7
        0.7s   22.86nm         5.5mb
MRWA    83.73 128 eP    21 33.00   -0.8
        0.5s   12.00nm         5.4mb
SMY     84.02  31 P     21 50.00   15.1X
    Z  20s      2.08um         5.5Msz
BAL     85.07 129 eP    21 40.00   -0.4
COL     85.10   9 eP    21 39.85   -0.3
                  ec    21 43.08  10kmX
                  e     21 45.07
FBA     85.10   9 eP    21 39.94   -0.2
        0.9s    6.79nm         4.9mb X
GUMO    85.47  77 (P)   21 39.20   -3.6X
                  (S)   32 04.00
MUN     85.57 130 eP    21 42.00   -0.9
TTA     85.61  13 eP    21 43.03    0.2
        1.2s   48.38nm         5.6mb
KNA     85.87 110 eP    21 45.00    0.3
JAQ     86.24 332 eP    21 46.00    0.0
KLB     86.38 129 eP    21 46.00   -1.0
LMN     86.41 322 eP    21 50.00    3.0X
        1.0s   11.00nm         5.0mb
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SVW     87.35  13 eP    21 52.00    0.6
        1.4s  109.81nm         5.9mb
CBM     87.48 324 eP    21 53.90    1.7
        1.1s   23.90nm         5.4mb
    Z  19s      2.64um         5.7Msz
RKG     87.69 132 eP    21 53.00   -0.2
CP2     87.85  12 (P)   21 54.81    0.8
TOA     87.99   9 eP    21 54.70    0.2
        0.9s  107.70nm         6.2mb
PMR     88.06  10 eP    21 54.42   -0.2
        1.0s   31.80nm         5.6mb
    Z  19s      2.31um         5.6Msz
YKA     88.28 354 P     21 55.79    0.1
        1.2s   40.00nm         5.6mb
KLU     88.62   9 eP    21 57.45    0.0
WOOL    88.82 127 iPd   21 57.90   -0.8
SLKM    88.91  11 eP    21 59.13    0.3
BALM    89.50   7 eP    22 03.16    1.4
WARB    89.70 120 eP    22 03.00    0.0
KDC     91.08  13 eP    22 09.38    0.5
        0.7s   19.21nm         5.5mb
LBNH    91.27 324 eP    22 12.53    2.4X
        0.6s    5.66nm         5.1mb
    Z  19s      2.58um         5.7Msz
SDN     91.37  18 P     22 20.00    9.7X
    Z  20s      1.59um         5.4Msz
GAC     92.01 327 eP    22 15.00    1.6
HRV     92.27 322 P     22 30.00   15.3X
    Z  19s      2.03um         5.6Msz
HRV     92.27 322 P     22 20.00    5.3X
    Z  19s      2.03um         5.6Msz
RSNY    92.38 325 eP    22 17.52    2.3
        1.0s   14.04nm         5.3mb
WRA     92.56 111 P     22 16.20   -0.1
WB2     92.57 111 iPc   22 15.80   -0.5
        0.8s    9.80nm         5.3mb
                  e     23 34.80 333kmX
                  ePP   25 55.60
                  eS    33 19.20
LSCT    93.74 323 P     22 30.00    8.5X
    Z  18s      3.08um         5.8Msz
ASPA    94.05 115 P     22 23.00   -0.1
SIT     94.05   4 P     22 30.00    7.4X
    Z  21s      1.28um         5.4Msz
BINY    94.81 324 eP    22 28.47    2.0
    Z  20s      3.03um         5.8Msz
ITR     95.08 263 eP    22 30.80    2.8X
YSNY    95.88 326 P     22 40.00    8.6X
    Z  19s      3.50um         5.9Msz
ULM     96.33 340 eP    22 39.50    6.3X
SYO     98.16 185 ePd   22 41.80    1.1
JFWS   100.74 333 Pdiff 23 00.00    6.9X
    Z  21s      2.42um         5.7Msz
CEH    101.08 322 Pdiff 23 10.00   15.2X
    Z  21s      1.35um         5.4Msz
CTA    102.52 106 Pdiff 23 03.00    1.4
NEW    102.57 353 ePdiff23 01.99    0.8
        1.0s    7.87nm         5.4mb
    Z  20s      2.63um         5.8Msz
GMW    103.73 357 ePdiff23 07.24    0.9
STKA   103.88 119 ePdiff23 06.90   -0.5
                  iPP   27 13.00
SLM    104.32 331 Pdiff 23 20.00   10.8X
    Z  20s      1.71um         5.6Msz
LRM    104.34 349 ePdiff23 08.40   -1.0
MYNC   104.35 325 Pdiff 23 20.00   10.6X
    Z  19s      1.86um         5.6Msz
FVM    104.95 331 Pdiff 23 20.00    8.0X
    Z  19s      5.74um         6.1Msz
SNA    106.42 197 e(PKP)27 29.30    0.5
        0.5s    8.00nm
BAO    106.52 261 (PKP) 27 44.00   13.3X
GLD    108.59 342 PKP   27 40.00    5.9X
    Z  19s      4.39um         6.0Msz
GOL    108.68 342 PKP   27 50.00   15.6X
    Z  19s      4.17um         6.0Msz
MIAR   109.21 331 PKP   27 50.00   14.8X
    Z  20s      2.83um         5.8Msz
DUG    109.87 348 PKP   27 50.00   13.5X
    Z  20s      2.98um         5.9Msz
WDC    110.66 356 PKP   27 50.00   12.3X
    Z  19s      3.81um         6.0Msz
MEO    111.00 335 iPKPc 27 21.10  -17.5X
WMOK   111.12 335 PKP   27 50.00   11.2X
    Z  20s      5.90um         6.2Msz
ORV    111.61 355 ePdiff23 55.36   13.8X
        1.4s   20.00nm
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                  ePP   28 30.36
                  eSKS  35 20.36
                  eS    36 18.36
                  eSP   37 52.36
                  ePS   38 10.36
                  eSS   44 08.36
                  eSSS  48 21.36
                  eSSSS 51 44.36
                  eLQ   54 32.36
CMB    113.03 354 PKP   27 50.00    7.6X
    Z  20s      2.73um         5.8Msz
ALQ    113.43 341 PKP   27 50.00    6.5X
    Z  19s      2.75um         5.9Msz
TPNV   113.60 350 (PKP) 27 44.16    0.4
SAO    114.38 355 PKP   28 00.00   15.0X
    Z  18s      6.89um         6.3Msz
ISA    115.17 352 PKP   28 00.00   13.4X
    Z  21s      3.42um         5.9Msz
LTX    117.75 337 ePKP  27 49.50   -2.3
SIV    118.07 267 PKP   27 52.50   -0.1
HON    121.93  34 PKP   28 10.00   10.3X
    Z  19s      2.50um         5.9Msz
MOCB   124.09 263 PKP   28 05.90    1.3
LPAZ   124.37 269 PKP   28 05.00   -0.4
                  i     29 47.40
LPB    124.44 269 PKP   28 06.30    1.0
                  i     29 50.00
ARE    127.38 271 ePKP  28 13.00    2.2
PEL    131.74 250 ePKPd 28 19.50    1.1
    S.D. = 1.1  on 468 of 533 obs.
-------------------------------------
? JUN 20, 1994  09h 17m 50.45± 0.99s
  37.177 N ±12.3km     2.725 W ± 7.4km
  DEPTH =    5.0km  (geophysicist)
 SPAIN                            (377)
     mbLg 2.6 (MDD).

ENIJ     0.46 116 eP    17 59.70    0.0
                  eS    18 05.00
ECOG     0.68 279 eP    18 03.90   -0.1
                  eS    18 14.00
EGUA     0.75 243 eP    18 05.70    0.1
EBAN     1.30 320 eP    18 15.00    0.1
                  eS    18 32.50
    S.D. = 0.2  on   4 of   4 obs.
-------------------------------------
  JUN 20, 1994  09h 40m 35.56± 0.26s
  37.763 N ± 5.0km   101.670 E ± 5.1km
  DEPTH =   33.0km  (normal)
  4.8mb ( 40 obs.)
 QINGHAI, CHINA                   (325)
     ML 5.2 (BJI).

LZH      2.42 133 Pn+   41 15.40    1.6
                  Pg    41 17.50
                  Sn    41 47.00
                  Sg    41 49.00
BJI     11.53  74 ePn   43 20.50   -0.3
ZAK     12.67   5 eP    43 35.60   -0.4
        0.8s   21.00nm         5.3mb
SSE     17.41 107 eP    44 39.00    1.6
CHTO    19.03 188 eP    45 00.40    2.9
BDT     20.57 187 eP    45 11.90   -2.3
NVS     21.19 330 iPc   45 19.30   -0.9
        1.6s   45.00nm         4.6mb
FRU     21.20 292 eP    45 23.20    2.7
                  e     45 43.20
NST     22.05 184 eP    45 28.00   -1.1
BRVK    26.55 315 iPc   46 13.00    1.1
        1.0s   29.00nm         4.8mb
GBA     32.31 228 P     47 03.00   -0.7
MAIO    33.50 281 eP    47 16.00    2.0
KIV     44.21 297 iPc   48 44.50    1.2
        1.6s   38.00nm         5.0mb
                  e     48 51.20
OBN     46.29 314 iPc   49 01.00    1.5
        1.5s   70.00nm         5.4mb
KAF     50.78 324 iP    49 33.90   -0.3
        0.4s    0.80nm         4.0mb
ILT     51.80  28 iPd   49 41.60   -0.2
        1.9s   48.00nm         5.1mb
NUR     51.83 322 iP    49 41.80   -0.4
        0.5s    4.30nm         4.7mb
VRI     54.54 304 eP    50 02.00   -0.5
MLR     55.19 304 eP    50 07.00   -0.4
                  e     04 59.00
NB2     58.02 325 P     50 25.80   -1.4
```

20d 09h

1.2s 16.60nm 5.0mb
BRW 58.27 22 eP 50 29.20 0.4
IMA 61.64 27 eP 50 52.20 0.0
0.7s 4.30nm 4.7mb
KBA 62.55 310 iPc 50 58.30 -0.2
0.9s 6.70nm 4.8mb
i 51 06.30
MBC 63.32 10 eP 51 03.50 0.5
1.0s 5.00nm 4.6mb
SVW 63.36 32 eP 51 04.10 0.6
0.9s 9.50nm 4.9mb
WTTA 63.50 310 iPc 51 04.60 -0.2
1.0s 22.30nm 5.2mb
WATA 63.50 311 iPc 51 04.50 -0.3
SQTA 63.78 311 iPc 51 06.40 -0.2
TNS 63.97 314 ePc 51 08.20 0.5
FBA 64.34 26 iPc 51 09.95 0.1
0.6s 2.61nm 4.5mb
WRA 65.11 146 P 51 14.10 -1.2
0.8s 3.40nm 4.5mb
WB2 65.11 146 iPc 51 13.70 -1.6
0.7s 8.40nm 4.9mb
CDF 65.53 313 iPc 51 17.40 -0.4
1.0s 7.80nm 4.8mb
PMR 65.74 30 eP 51 18.30 -0.5
1.1s 21.40nm 5.2mb
BSF 66.10 313 iPc 51 21.00 -0.5
0.8s 4.55nm 4.6mb
KDC 66.50 34 e(P) 51 22.70 -1.0
0.2s 4.00nm 5.2mb
INK 66.55 19 eP 51 24.00 0.1
1.0s 3.00nm 4.3mb
TOA 66.57 28 eP 51 25.00 0.7
0.6s 22.90nm 5.4mb
KLU 67.04 29 eP 51 27.41 0.1
RES 67.29 5 eP 51 29.00 0.5
1.0s 3.00nm 4.3mb
LPG 67.31 311 iPc 51 29.70 0.2
0.8s 7.50nm 4.8mb
LPL 67.31 311 iPc 51 29.70 0.2
1.0s 14.60nm 5.0mb
EKA 67.38 323 Pc 51 28.25 -1.2
0.9s 4.30nm 4.5mb
SBF 67.74 309 iPc 51 31.70 -0.3
0.8s 9.25nm 4.9mb
LBF 68.17 313 iPc 51 33.80 -0.8
0.8s 3.10nm 4.5mb
ASPA 68.21 148 iPc 51 33.70 -1.2
0.6s 6.10nm 4.9mb
SMF 68.43 313 iPc 51 35.60 -0.5
0.9s 7.35nm 4.8mb
AVF 68.64 313 iPc 51 36.90 -0.5
1.1s 12.70nm 4.9mb
MAF 69.40 313 iPc 51 42.10 0.0
1.2s 14.90nm 4.9mb
TCF 69.57 313 iPc 51 43.00 -0.2
0.9s 6.90nm 4.7mb
LDF 69.60 316 eP 51 42.90 -0.4
0.7s 4.85nm 4.7mb
FLN 69.71 316 eP 51 43.50 -0.4
0.9s 13.25nm 5.0mb
GRR 70.12 316 iPc 51 46.20 -0.2
0.9s 17.70nm 5.1mb
CAF 70.41 312 iPc 51 48.60 0.3
1.0s 8.40nm 4.8mb
MFF 70.74 314 iPc 51 50.40 0.1
0.9s 21.15nm 5.2mb
YKA 75.91 16 eP 52 20.00 -0.2
0.8s 6.30nm 4.7mb
FRB 78.53 356 eP 52 35.00 0.4
RMW 86.69 28 (P) 53 18.96 1.7
JAQ 88.78 358 eP 53 27.00 0.0
BAO 145.32 301 PKPd 00 11.90 -0.2
S.D. = 1.0 on 60 of 60 obs.

JUN 20, 1994 09h 44m 45.02± 0.29s
28.779 S ± 8.9km 176.749 W ± 5.9km
DEPTH = 23.2km (2 depth phases)
5.2mb (18 obs.) 5.9Msz (2 obs.)
KERMADEC ISLANDS REGION (177)
Mw 5.7 (HRV). Mo=7.2*10**17 Nm
(PPT). Felt on Raoul Island.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 64C
Centroid Location:
Origin Time 09:44:56.0 0.6
Lat 28.32S 0.05 Lon 176.68W 0.05
Dep 35.3 3.0 Half-duration 1.7
Moment Tensor; Scale 10**17 Nm
Mrr= 2.76 0.15 Mtt= 0.34 0.19
Mff=-3.11 0.15 Mrt= 0.64 0.23
Mrf= 2.89 0.32 Mtf=-0.87 0.19
Principal Axes:
T Val= 3.97 Plg=68 Azm=282
N 0.55 0 13
P -4.51 22 103
Best Double Couple:Mo=4.2*10**17
NP1:Strike=194 Dip=23 Slip= 91
NP2: 13 67 89

RAO 1.13 245 iPd 45 11.30 5.9X
S 45 26.00
SVA 11.49 336 eP 47 29.10 -1.6
VUN 11.59 337 eP 47 34.20 2.2
SNZO 14.32 207 eP 48 02.00 -6.2X
eS 50 32.00
DZM 16.58 290 iPc 48 44.60 6.9X
NOUC 16.68 290 iPc 48 45.50 6.6X
BKM 17.66 306 iPd 48 55.10 3.9X
PAE 27.24 72 eP 50 26.90 -2.5
1.5s 415.80nm 5.9mb
HNR 29.14 307 eP 50 46.00 -0.5
CNB 29.36 248 eP 50 51.10 2.6
0.9s 18.00nm 4.8mb
CAN 29.65 248 eP 50 52.70 1.6
i 50 59.10 22km
BWA 30.10 250 eP 50 55.70 0.6
TOO 32.62 244 eP 51 18.70 1.5
0.8s 34.00nm 5.3mb
e 54 05.00
CTA 34.66 276 P 51 36.90 1.9
STKA 35.93 254 iPc 51 46.20 0.5
ADE 38.09 249 iPd 52 05.60 1.8
LAT 40.67 296 eP 52 26.50 1.1
ASPA 44.32 265 iPc 52 54.80 -0.4
0.9s 47.60nm 5.4mb
Z 19s 19.90um 6.1Msz
i 53 06.30 41kmX
iPcP 54 41.70
ePP 54 47.70
eS 59 25.60
WB2 45.15 270 eP 53 00.70 -1.2
0.7s 16.50nm 5.1mb
iPP 54 43.40
eS 59 39.90
WRA 45.16 270 P 53 01.50 -0.5
0.8s 16.40nm 5.0mb
FORT 47.54 253 eP 53 19.90 -0.7
0.6s 33.00nm 5.5mb
SBA 49.73 185 eP 53 41.70 4.8X
WARB 49.89 259 eP 53 38.00 -0.9
WOOL 52.78 251 iPc 53 59.60 -1.0
ipP 54 07.00 24km
iPP 55 07.60
eS 02 26.70
KLB 55.91 250 eP 54 21.50 -2.0
CSY 57.08 207 eP 54 41.60 10.2X
0.7s 84.10nm
MUN 57.08 249 eP 54 30.80 -1.1
MBL 57.42 262 eP 54 32.00 -2.4
0.6s 15.00nm 5.2mb
MRWA 58.04 252 eP 54 37.50 -1.2
NANU 60.64 259 eP 54 56.50 -0.2
CGP 67.48 294 eP 55 41.00 -0.5
LEM 74.17 271 ePd 56 23.70 1.5
MAT 77.55 324 eP 56 40.00 -0.6
0.8s 22.39nm 5.3mb
SYO 78.95 193 ePc 56 47.80 0.0
ADK 80.31 0 (P) 56 52.60 -2.6
1.5s 55.74nm 5.4mb
KGM 82.15 277 eP 57 06.00 0.3
YSS 83.84 333 ePc 57 14.20 0.5
0.8s 20.00nm 5.4mb
CSP 84.18 46 eP 57 16.13 0.2
KMPM 84.40 38 eP 57 18.21 1.4
CMB 84.83 41 ePc 57 18.83 -0.1
1.1s 12.26nm 5.0mb
SDN 84.93 9 eP 57 14.28 -4.6X
0.7s 16.44nm 5.4mb
GSC 85.18 45 eP 57 21.61 0.8
ORV 85.23 40 eP 57 21.10 0.2
Z 18s 3.10um 5.7Msz
eLR 59 59.36

IPM 85.39 278 ePc 57 22.20 0.0
BONR 86.00 42 eP 57 25.76 0.6
TPNV 86.58 44 eP 57 28.23 0.4
0.8s 177.39nm 6.3mb X
TNP 86.73 43 eP 57 28.27 -0.3
1.2s 25.86nm 5.3mb
PEL 86.74 126 iPd 57 29.00 0.2
KVN 86.84 42 eP 57 29.51 0.4
ARUT 88.84 45 eP 57 39.94 1.2
BMW 89.17 34 eP 57 40.57 0.7
VGB 89.72 36 eP 57 42.99 0.5
LON 90.06 34 eP 57 43.87 -0.2
MSU 90.08 45 eP 57 45.22 0.7
GMW 90.14 33 eP 57 44.75 0.4
RMW 90.55 34 ePc 57 46.54 0.2
LTX 90.59 57 eP 57 46.69 -0.3
DUG 90.71 43 eP 57 47.37 0.0
1.1s 4.50nm 4.7mb
SRU 91.46 45 eP 57 50.84 0.0
NST 91.56 287 eP 57 52.50 1.0
SLKM 91.58 13 eP 57 50.61 -0.1
HVU 91.71 42 eP 57 52.05 0.2
ALQ 91.71 51 eP 57 51.91 -0.2
1.1s 8.60nm 5.1mb
DAU 91.79 44 eP 57 53.97 1.5
PV10 91.97 47 eP 57 52.97 -0.3
PV09 91.98 47 eP 57 53.91 0.5
PV08 92.34 47 eP 57 54.80 -0.3
PMR 92.79 13 eP 57 56.13 0.0
1.4s 14.95nm 5.2mb
HHAI 92.87 41 eP 57 59.35 2.2
BALM 93.77 16 eP 58 00.69 -0.2
BW06 94.22 43 eP 58 03.02 -0.5
1.0s 5.73nm 5.0mb
LRM 94.37 39 eP 58 04.50 0.4
LPB 97.69 114 P 58 23.60 3.4X
LPAZ 97.80 113 P 58 22.30 1.4
FRB 123.43 30 ePKP 03 40.00 -1.0
KAF 143.37 342 iPKP 04 15.60 -2.9
0.6s 3.40nm
PUL 143.97 337 (PKP) 04 18.00 -1.6
0.8s 140.00nm
e 04 33.00
OBN 144.43 327 iPKPd 04 18.90 -1.6
1.5s 77.00nm
e 04 27.00
PYA 144.90 307 iPKP 04 20.00 -1.7
1.0s 100.00nm
NUR 145.15 342 iPKP 04 20.00 -1.5
0.5s 25.50nm
KIV 145.18 307 (PKP) 04 21.90 -0.4
NB2 147.30 353 PKP 04 26.40 1.2
1.0s 19.20nm
SOC 147.36 307 ePKP 04 27.00 1.3
UPP 147.42 347 iPKP 04 25.10 -0.2
EKA 153.06 8 PKP 04 39.00 5.0X
0.7s 1.30nm
LIC 156.24 159 (PKP) 04 47.11 7.6X
1.1s 11.50nm
KIC 156.46 160 (PKP) 04 48.47 8.6X
1.5s 40.50nm
GEC2 158.41 341 PKP 04 52.70 11.4X
1.7s 3.76nm
e 04 57.90
e 05 17.80
e 05 26.30
e 05 28.10
S.D. = 1.2 on 75 of 88 obs.

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* JUN 20, 1994 10h 02m 08.17± 0.32s
6.850 S ± 9.3km 78.129 W ±13.2km
DEPTH = 125.0km (18 depth phases)
4.6mb (16 obs.)
NORTHERN PERU (111)
Felt (IV) at Lima.

NNA 5.26 166 iPc 03 24.00 -1.8
0.4s 72.03nm 5.3mb
eS 04 15.00
ARE 11.55 146 eP 04 53.00 2.3
LPAZ 13.55 135 P 05 15.60 -1.6
LPB 13.74 135 P 05 20.10 0.7
1.0s 266.00nm 5.5mb
Z 18s 4.12um 4.0Msz
LR 16 47.00
CCH 15.71 133 P 05 43.80 -0.4
MOCB 18.73 141 P 06 20.60 0.1

BAO 30.79 109 eP 08 14.10 -0.2
MIAR 43.68 341 eP 10 02.55 0.3
0.8s 18.31nm 4.9mb
e 10 32.12 130km
TUL 45.66 340 iPc 10 19.00 1.0
MEO 45.69 336 iPd 10 18.60 0.3
FVM 46.05 346 eP 10 20.30 -0.7
0.6s 14.64nm 4.9mb
ALQ 49.42 329 eP 10 47.73 0.2
1.0s 9.64nm 4.6mb
epP 11 16.97 126km
esP 11 32.72
RSNY 51.26 3 eP 11 01.21 0.1
1.0s 9.19nm 4.6mb
PV08 53.35 330 eP 11 16.70 -0.4
epP 11 46.47 126km
PV10 53.39 330 eP 11 16.07 -1.3
epP 11 45.89 127km
SRU 54.70 329 eP 11 26.63 -0.2
epP 11 56.41 126km
MSU 55.11 328 eP 11 29.86 0.0
ipP 11 59.63 126km
ARUT 55.27 326 eP 11 31.86 0.9
ipP 12 01.27 124km
TPNV 56.30 324 eP 11 38.06 -0.3
BW06 57.07 333 eP 11 42.88 -0.9
0.8s 1.96nm 4.1mb
epP 12 12.43 123km
TNP 57.63 324 eP 11 47.80 0.1
0.9s 3.48nm 4.3mb
ipP 12 17.33 123km
HVU 57.84 330 (P) 11 48.22 -0.8
(pP) 12 18.45 126km
BONR 58.18 323 (P) 11 52.18 0.4
epP 12 21.82 123km
ULM 58.92 347 eP 11 57.50 1.3
pP 12 27.00 122km
JAQ 60.46 2 eP 12 04.50 -2.2
LRM 60.74 333 eP 12 08.50 -0.6
e 12 45.50 157kmX
ORV 61.13 323 eP 12 12.01 0.5
epP 12 41.56 122km
LBFM 62.48 324 eP 12 20.42 -0.4
epP 12 50.44 123km
LON 65.94 329 eP 12 42.39 -0.5
epP 13 13.20 126km
GMW 66.96 329 (P) 12 49.13 -0.2
FRB 70.77 4 eP 13 12.50 0.1
0.9s 3.00nm 4.1mb
YKA 74.59 343 eP 13 33.50 -1.3
0.6s 2.50nm 4.2mb
INK 84.28 342 eP 14 27.50 0.8
1.0s 4.00nm 4.3mb
pP 15 00.00 127km
MBC 86.35 351 eP 14 38.00 1.2
0.9s 4.00nm 4.4mb
pP 15 10.00 124km
FBA 87.71 336 e(P) 14 43.80 0.2
0.7s 3.90nm 4.5mb
e 15 16.60 127km
DAG 89.93 11 iPd 14 54.90 1.0
0.7s 9.59nm 5.0mb
SVW 89.95 332 e(P) 14 45.60 -8.7X
1.0s 8.40nm 4.8mb
IMA 90.41 337 eP 14 56.90 0.5
0.6s 1.70nm 4.3mb
WB2 138.40 230 iPKPc 21 22.70 1.2
0.4s 2.90nm
WRA 138.41 230 PKP 21 22.00 0.5
0.5s 0.80nm
S.D. = 0.9 on 39 of 40 obs.

JUN 20, 1994 10h 13m 03.23± 0.36s
15.140 N ± 6.5km 94.464 W ± 4.4km
DEPTH = 29.7km (2 depth phases)
5.0mb (49 obs.)
NEAR COAST OF OAXACA, MEXICO (66)

TPX 2.14 96 iP 13 38.80 1.2
iS 14 08.00
SCX 2.37 48 eP 13 45.19 4.3X
iS 14 18.50
OXX 2.91 312 iP 13 48.43 -0.2
IISM 4.73 324 eP 14 14.50 0.1
LVVM 4.95 338 eP 14 20.25 2.8
IIT 5.33 317 (P) 14 25.50 2.4
ACX 5.46 289 iP 14 23.37 -1.4
PPM 5.58 315 eP 14 27.50 0.7
IIA 5.65 315 eP 14 28.32 0.9
III 5.77 305 eP 14 28.79 -0.6
UNM 6.14 313 eP 14 35.50 0.9
CRX 6.54 311 eP 14 39.50 -0.8
MRX 7.86 306 iP 14 58.00 -0.5
MIAR 19.34 2 iPd 17 27.67 -1.5
1.2s 77.64nm 4.8mb
WMOK 19.90 350 iPc 17 33.08 -2.2
1.0s 55.63nm 4.8mb
MEO 19.91 350 iPd 17 33.10 -2.3
VVO 20.14 357 iPd 17 36.00 -1.9
OCO 20.48 353 iPc 17 41.00 -0.3
SIO 20.59 356 iPc 17 41.20 -1.3
TUL 20.72 357 iPc 17 42.80 -1.0
GRT 21.51 11 (P) 17 52.31 0.5
LST 21.71 10 eP 17 54.30 0.5
ALQ 22.48 333 iPc 18 02.64 0.9
0.9s 14.07nm 4.4mb
TYS 23.55 8 eP 18 12.26 0.4
CEH 24.82 31 eP 18 23.54 -0.7
0.8s 11.78nm 4.5mb
GLD 26.27 341 ePc 18 38.88 0.9
1.2s 20.69nm 4.6mb
GOL 26.27 341 ePc 18 38.49 0.4
0.9s 23.00nm 4.8mb
PV10 26.48 334 ePc 18 39.76 -0.3
PV08 26.48 334 ePc 18 41.10 0.9
PV09 26.62 334 eP 18 41.86 0.4
PLM 27.21 316 eP 18 47.29 0.6
PEC 27.73 316 eP 18 51.49 0.3
1.0s 15.82nm 4.7mb
MSU 28.03 329 eP 18 54.35 0.2
ARUT 28.13 327 eP 18 55.86 0.9
EMUT 28.44 333 eP 18 58.57 0.7
TPNV 29.10 322 eP 19 04.52 0.8
DAU 29.13 333 eP 19 04.62 0.5
BW06 30.44 338 eP 19 14.85 -0.9
0.9s 9.28nm 4.6mb
HVU 30.91 333 ePc 19 20.00 0.3
PKEM 30.96 317 (P) 19 20.34 0.3
PTI 31.62 334 eP 19 26.47 0.5
HHAI 31.98 335 eP 19 27.51 -1.5
RSNY 33.84 26 eP 19 44.51 -0.6
0.9s 8.96nm 4.7mb
LRM 34.12 337 ePc 19 48.20 0.4
e 22 24.20
GAC 34.40 24 eP 19 50.00 0.1
ULM 35.04 358 eP 19 56.00 0.7
LBFM 35.29 323 eP 19 57.74 -0.1
VGB 37.51 329 eP 20 17.62 1.3
NEW 37.94 335 eP 20 19.78 -0.1
0.9s 7.34nm 4.5mb
DPW 38.08 334 eP 20 21.14 0.1
ASR 38.37 329 P 20 24.49 1.0
EBG 38.42 331 P 20 24.56 0.7
SAW 38.47 333 P 20 24.58 0.2
WTV 38.72 332 P 20 26.98 0.6
LON 38.89 330 ePc 20 28.08 0.2
FMW 38.96 330 P 20 29.22 0.6
RMW 39.40 331 eP 20 31.49 -0.6
LPAZ 40.63 139 P 20 41.10 -2.1
MCW 40.75 331 eP 20 43.08 -0.1
LPB 40.84 139 eP 20 45.00 0.3
JAQ 41.29 17 eP 20 44.50 -2.9
FRB 51.77 14 eP 22 08.50 -1.5
1.0s 27.00nm 5.2mb
INK 58.68 344 eP 22 59.00 -1.0
0.9s 5.00nm 4.6mb
KLU 58.91 334 eP 23 01.37 -0.4
RES 59.55 360 eP 23 04.50 -1.4
0.9s 4.00nm 4.5mb
PMR 60.33 333 eP 23 09.93 -1.5
1.3s 10.34nm 4.8mb
FBA 61.27 337 eP 23 16.16 -1.6
1.0s 1.93nm 4.2mb
MBC 62.51 353 eP 23 25.50 -0.4
1.0s 8.00nm 4.8mb
SDN 64.08 325 eP 23 34.73 -1.8
1.0s 19.34nm 5.2mb
DAG 72.09 14 iPd 24 25.50 -0.7
1.0s 27.00nm 5.2mb
EKA 78.44 36 P 25 02.02 -0.7
1.2s 55.30nm 5.5mb
EHOR 80.27 53 eP 25 13.22 0.2
GUD 80.54 50 eP 25 15.18 0.6
0.9s 0.11nm 2.9mb X
PAB 80.61 52 iPc 25 15.40 0.5
LPF 81.16 43 iPc 25 17.00 -0.4
1.0s 43.80nm 5.4mb
GRR 81.20 42 iPc 25 17.50 -0.2
0.9s 40.60nm 5.4mb
ELOJ 81.27 54 eP 25 19.25 0.9
FLN 81.36 42 iPc 25 18.60 0.1
1.0s 41.20nm 5.4mb
ERON 81.56 54 eP 25 20.62 0.6
LDF 81.63 42 iPc 25 19.80 -0.1
1.0s 33.40nm 5.3mb
ECOG 81.69 54 eP 25 21.72 1.1
ETOR 82.06 50 eP 25 23.09 0.7
MFF 82.08 44 iPc 25 22.00 -0.3
1.1s 21.50nm 5.1mb
EVIA 82.21 52 eP 25 23.79 0.5
EHUE 82.33 53 eP 25 25.29 1.4
LFF 83.08 45 iPc 25 27.50 0.0
1.0s 30.80nm 5.4mb
ECHE 83.15 51 eP 25 29.21 1.1
EPF 83.27 47 iPc 25 28.70 0.1
0.9s 13.60nm 5.1mb
LSF 83.29 44 iPc 25 28.20 -0.4
1.1s 17.85nm 5.1mb
LPO 83.45 46 iPc 25 29.20 -0.2
1.1s 18.30nm 5.1mb
RJF 83.52 45 iPc 25 29.40 -0.4
0.9s 14.10nm 5.1mb
TCF 83.73 44 iPc 25 30.50 -0.4
1.3s 23.10nm 5.2mb
MAF 83.99 44 iPc 25 32.10 0.0
CAF 83.99 45 iPc 25 31.80 -0.4
1.4s 19.60nm 5.1mb
BGF 84.09 43 iPc 25 32.30 -0.3
1.2s 31.55nm 5.4mb
NB2 84.28 28 P 25 34.10 0.8
0.8s 3.30nm 4.6mb
AVF 84.36 43 iPc 25 33.40 -0.5
1.0s 11.20nm 5.0mb
SSF 84.38 43 iPc 25 33.80 -0.3
1.0s 15.40nm 5.2mb
LOR 84.56 43 iPc 25 34.90 -0.1
1.2s 30.35nm 5.4mb
LBF 84.72 43 iPc 25 35.40 -0.4
1.6s 31.10nm 5.3mb
SMF 84.72 43 iPc 25 35.30 -0.5
1.0s 11.00nm 5.0mb
ENN 84.84 39 eP 25 37.00 0.8
0.8s 12.50nm 5.2mb
e 25 47.00 31km
WTS 84.99 37 eP 25 38.50 1.5
0.9s 14.20nm 5.2mb
HAU 85.95 41 eP 25 41.70 -0.2
BSF 86.29 41 iPc 25 43.50 -0.2
1.3s 19.85nm 5.2mb
ECH 86.40 41 P 25 44.38 0.2
CDF 86.41 41 iPc 25 44.20 -0.1
1.0s 9.00nm 5.0mb
WLS 86.46 41 P 25 44.31 -0.2
MOF 86.50 41 P 25 44.85 0.1
TNS 86.54 39 ePc 25 45.30 0.5
iPcPc 25 46.80
LANF 86.56 40 P 25 45.53 0.6
BBS 86.86 42 P 25 46.67 0.2
LPL 86.98 44 eP 25 48.20 0.9
1.2s 12.50nm 5.0mb
LPG 87.00 44 iPc 25 48.20 0.7
1.2s 12.20nm 5.0mb
FEL 87.05 41 P 25 47.35 -0.1
LRG 87.38 46 eP 25 47.80 -1.1
1.0s 24.40nm 5.4mb
LMR 87.52 46 iPc 25 49.40 -0.2
0.9s 15.40nm 5.3mb
FRF 87.54 46 iPc 25 49.80 0.1
0.6s 5.75nm 5.0mb
TIC 87.76 84 (P) 25 40.72 -10.6X
LIC 87.86 84 (P) 25 40.54 -11.2X
AURF 87.90 45 P 25 51.46 -0.1
SAOF 88.03 45 P 25 52.98 0.9
KIC 88.10 84 (P) 25 41.64 -11.3X
1.2s 16.50nm
GRF 88.41 39 eP 25 57.00 3.2X
BRG 89.57 37 e(P) 25 59.20 0.0
KHC 90.04 39 eP 26 03.00 1.4
1.1s 6.30nm 4.8mb
e 26 12.00 28km
KAF 90.19 24 eP 25 58.50 -3.4X

20d 10h

GEC2 90.23 39 PKP 26 03.00 0.5
0.9s 3.23nm 4.6mb
e 26 04.60 5kmX
e 26 12.30
PRU 90.27 38 eP 26 05.00 2.5
STKA 126.52 241 ePKP 32 08.60 2.9X
WB2 133.33 257 iPKPc 32 18.50 -0.4
0.7s 2.40nm
WRA 133.35 257 PKP 32 18.40 -0.6
0.7s 0.70nm
BDT 145.19 337 ePKP 32 38.20 -2.2
1.0s 41.40nm
HYB 146.93 12 ePKP 32 44.00 0.6
GBA 150.34 16 PKP 32 53.10 4.4X
0.8s 6.00nm
S.D. = 1.0 on 127 of 135 obs.

% JUN 20, 1994 10h 17m 13.03± 1.72s
38.431 N ±14.6km 28.426 W ± 6.4km
DEPTH = 5.0km (geophysicist)
AZORES ISLANDS (405)
Felt (III) on Pico.

PICO 0.07 0 iPc 17 13.70 -1.1
HOR 0.19 301 iPd 17 17.50 0.6
CALA 0.26 305 iPc 17 18.30 -0.1
PIED 0.29 92 iPd 17 18.20 -0.7
ROSA 0.32 27 iPd 17 19.20 -0.3
RIA 0.38 53 iP 17 22.25 1.6
S.D. = 1.3 on 6 of 6 obs.

JUN 20, 1994 10h 44m 34.88± 0.70s
29.131 N ± 7.9km 52.388 E ± 8.6km
DEPTH = 33.0km (normal)
4.5mb (25 obs.)
SOUTHERN IRAN (353)
MD 4.2 (RYD).

RYD 6.77 231 ePd 46 15.00 0.4
eS 47 30.00
KER 6.88 321 eP 46 17.00 0.8
QASM 8.42 251 eP 46 37.33 -0.2
eS 48 06.00
MAIO 9.32 38 eP 46 49.00 -1.1
UQSK 9.51 252 eP 46 52.30 -0.4
eS 48 36.00
MLR 26.46 315 eP 50 13.00 2.2
KBA 35.12 312 iPc 51 27.80 0.4
0.8s 8.50nm 4.7mb
GEC2 35.44 315 PKP 51 31.80 1.8
0.9s 1.13nm 3.8mb
WTTA 36.29 311 iPc 51 37.20 -0.1
0.8s 9.50nm 4.8mb
i 51 39.00
WATA 36.35 311 iPc 51 38.30 0.5
SQTA 36.56 311 iPc 51 39.40 -0.1
MOTA 36.66 311 i(P) 51 41.20 0.8
SBF 38.53 305 eP 51 56.40 0.4
0.8s 14.90nm 4.8mb
LPG 39.24 307 eP 52 01.00 -1.2
0.7s 7.60nm 4.6mb
LPL 39.25 307 eP 52 01.20 -1.0
0.8s 9.80nm 4.6mb
LBF 41.36 309 eP 52 19.30 0.0
0.6s 2.55nm 4.1mb
SMF 41.40 309 eP 52 19.30 -0.3
0.7s 10.15nm 4.7mb
LOR 41.48 310 eP 52 19.70 -0.5
0.8s 3.75nm 4.2mb
SSF 41.69 309 eP 52 21.80 -0.1
0.8s 5.65nm 4.3mb
AVF 41.76 309 eP 52 22.60 0.1
0.8s 3.10nm 4.1mb
NB2 41.96 331 P 52 22.90 -1.1
0.5s 2.00nm 4.1mb
BGF 42.07 308 eP 52 25.40 0.3
0.9s 5.90nm 4.3mb
TCF 42.48 308 eP 52 28.60 0.1
1.2s 9.80nm 4.4mb
RJF 42.88 306 eP 52 31.50 -0.3
0.9s 5.40nm 4.3mb
LFF 43.41 306 eP 52 36.50 0.5
0.7s 8.95nm 4.6mb
MFF 44.13 308 eP 52 42.30 0.4
0.8s 7.40nm 4.5mb
LDF 44.30 311 eP 52 42.40 -0.8
0.7s 4.20nm 4.4mb
FLN 44.56 311 eP 52 44.50 -0.8
1.0s 11.20nm 4.7mb
GRR 44.77 311 eP 52 46.40 -0.6
0.8s 6.45nm 4.6mb
LPF 44.86 310 eP 52 47.50 -0.2
0.7s 5.50nm 4.5mb
KIC 58.31 259 (P) 54 28.56 -0.7
0.7s 6.50nm 4.8mb
TIC 58.41 259 (P) 54 29.12 -0.8
0.7s 5.50nm 4.8mb
LIC 58.63 259 (P) 54 27.56 -3.9X
0.7s 7.00nm 4.9mb
WRA 92.81 111 P 57 47.30 1.7
0.5s 0.30nm 4.0mb
S.D. = 0.9 on 33 of 34 obs.

& JUN 20, 1994 11h 09m 20.46s
40.491 N 125.887 W
DEPTH = 26.1km
OFF COAST OF NORTHERN CALIFORNIA(34)
<GM-P>. MD 3.4 (GM). ML 3.0
(GS).

KJJM 1.23 101 P 09 40.02 -2.1
KSMM 1.34 103 P 09 41.52 -2.2
KMPM 1.35 93 iPc 09 42.52 -1.3
KCRM 1.58 92 P 09 46.00 -1.1
KGMM 1.71 80 P 09 47.43 -1.6
KIPM 1.97 110 P 09 50.93 -1.9
KKPM 1.98 99 P 09 50.56 -2.4
KHBM 2.04 84 P 09 52.13 -1.8
KSPM 2.07 117 P 09 52.59 -1.7
KBNM 2.15 105 P 09 53.93 -1.5
GBDM 2.24 117 P 09 54.72 -1.9
GWRM 2.37 122 P 09 57.06 -1.4
LBKM 2.52 75 P 09 58.61 -2.1
WDC 2.55 87 eP 09 59.13 -1.9
GCWM 2.56 121 P 09 59.45 -1.7
GMCM 2.72 128 P 10 01.69 -1.7
GHGM 2.72 119 P 10 01.83 -1.7
GPMM 2.80 125 P 10 03.00 -1.6
LDBM 3.13 90 P 10 08.61 -0.7
LBFM 3.15 73 eP 10 08.66 -1.0
NTYM 3.26 129 (P) 10 09.06 -2.0
MIN 3.27 91 P 10 09.72 -1.6
DBO 3.29 36 P 10 11.47 0.0
LMEM 3.29 88 eP 10 10.10 -1.6
VRC 3.32 55 Pc 10 12.58 0.8
LHCM 3.34 83 P 10 12.52 0.2
LRDM 3.38 89 P 10 12.75 0.0
LAB 3.38 57 P 10 13.38 0.4
BBOR 3.39 44 P 10 13.54 0.5
ORV 3.50 104 eP 10 12.22 -2.2
HSO 3.68 34 P 10 17.25 0.2
HBO 4.27 37 P 10 26.01 0.5
CMB 4.92 118 eP 10 31.36 -3.3
VBEM 5.56 33 P 10 43.66 0.0
VIPM 5.59 42 P 10 44.41 0.2
35 obs. associated

? JUN 20, 1994 11h 31m 10.64± 1.35s
39.230 N ± 9.2km 27.885 E ±14.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

IZM 0.96 211 ePg 31 28.90 -0.1
eSg 31 43.40
KCT 1.08 20 iPn 31 31.40 0.4
EDC 1.12 359 ePn 31 31.00 -0.6
EZN 1.35 297 ePn 31 35.60 0.2
S.D. = 0.7 on 4 of 4 obs.

% JUN 20, 1994 11h 41m 55.72± 1.50s
36.750 N ±12.1km 3.816 W ± 6.6km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.6 (MDD).

EGUA 0.22 67 iPc 42 00.55 0.1
eS 42 03.80
ERON 0.27 2 eP 42 01.47 0.0
eS 42 05.60
ELOJ 0.48 326 eP 42 05.63 0.1
eS 42 11.60
EMAL 0.49 272 iPc 42 05.66 -0.1
eS 42 11.80
ECOG 0.56 21 eP 42 07.00 -0.2
eS 42 15.10
S.D. = 0.2 on 5 of 5 obs.

? JUN 20, 1994 12h 13m 39.26± 1.28s
39.249 N ± 9.2km 27.795 E ±14.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

IZM 0.95 206 ePg 13 57.20 -0.1
eSg 14 12.40
KCT 1.09 23 ePn 14 00.40 0.7
EDC 1.10 3 ePn 13 59.00 -0.9
EZN 1.27 297 ePn 14 03.20 0.3
S.D. = 1.1 on 4 of 4 obs.

& JUN 20, 1994 13h 41m 37.73s
47.775 N 123.121 W
DEPTH = 48.5km
WASHINGTON (29)
<SEA-P>. MD 3.0 (SEA).

BLN 0.25 23 P 41 45.98 -0.4
GMW 0.32 135 iPd 41 47.52 0.5
eS 41 53.97
PGW 0.35 82 P 41 45.98 -1.3
OSD 0.39 277 P 41 47.47 -0.5
STW 0.53 316 P 41 48.96 -0.3
OSR 0.63 245 P 41 50.45 -0.2
SPW 0.63 110 P 41 50.45 -0.1
VGZ 0.65 348 Pc 41 50.85 0.0
eS 41 59.87
MEW 0.66 150 Pc 41 52.34 1.4
S 42 01.22
OHW 0.68 36 P 41 50.45 -0.7
OOW 0.72 267 Pc 41 52.40 0.5
S 42 02.98
BLH 0.74 85 Pc 41 52.72 0.7
S 42 03.93
CPW 0.80 181 P 41 53.82 0.9
S 42 05.21
OTR 0.88 291 Pc 41 54.32 0.3
JCW 0.90 62 Pc 41 54.95 0.6
S 42 07.27
PGC 0.90 346 Pc 41 54.30 0.1
eS 42 05.88
HTW 0.91 88 Pc 41 55.18 0.7
S 42 07.85
MCW 0.93 12 ePd 41 55.09 0.5
eS 42 07.63
GHW 0.93 142 Pc 41 55.37 0.7
CMW 0.93 46 Pc 41 55.67 0.9
RMW 0.94 109 iPc 41 55.67 0.7
ONR 1.00 206 P 41 56.47 0.8
SNB 1.00 358 eP 41 56.28 0.6
GSM 1.07 122 Pc 41 57.44 0.8
S 42 11.63
OSP 1.11 298 P 41 57.17 0.0
PFB 1.19 313 Pc 41 57.88 -0.4
LMW 1.24 153 Pc 41 59.96 0.8
RPW 1.27 57 Pc 42 00.39 0.9
REMR 1.29 137 Pc 42 00.62 0.7
FMW 1.30 130 Pc 42 00.71 0.7
BMW 1.30 183 ePc 42 00.48 0.6
RCS 1.31 133 Pc 42 00.96 0.7
LON 1.36 138 iPc 42 01.39 0.7
eS 42 18.46
VDB 1.42 28 P 42 02.40 0.8
WPW 1.52 135 Pc 42 04.30 1.3
HNB 1.54 13 eP 42 03.70 0.5
eS 42 22.98
TDL 1.55 156 Pc 42 04.55 1.0
NAB 1.56 338 P 42 03.47 0.0
eS 42 21.23
ERK 1.56 160 P 42 04.56 0.9
MGB 1.61 320 P 42 04.03 -0.3
eS 42 23.15
BIB 1.64 356 eP 42 05.00 0.5
eS 42 24.36
RVW 1.65 171 P 42 05.72 1.0
STD 1.66 158 P 42 06.23 1.3
TWW 1.66 112 Pc 42 06.64 1.7
SOSW 1.68 156 P 42 06.32 1.0
SHW 1.69 159 eP 42 06.22 0.7
REMW 1.70 158 P 42 07.35 1.6
ESD 1.71 157 Pd 42 07.45 1.7

HSR 1.73 158 P 42 07.57 1.6
JLK 1.76 157 P 42 07.81 1.4
LVP 1.78 164 Pc 42 07.68 1.0
CDFW 1.82 156 P 42 08.62 1.5
TBM 1.82 109 P 42 08.58 1.4
MTMW 1.86 160 P 42 09.13 1.3
NAC 1.88 123 Pc 42 09.34 1.3
ALB 1.88 323 eP 42 07.53 -0.4
eS 42 29.25
SHB 1.89 345 eP 42 08.36 0.1
ETW 1.89 94 P 42 09.41 1.1
NLW 1.90 80 P 42 08.88 0.5
ASR 1.93 147 Pc 42 10.19 1.3
EBG 1.94 116 Pc 42 10.29 1.4
OZB 1.98 308 eP 42 08.43 -1.0
eS 42 30.45
CBSW 2.08 88 P 42 11.33 0.5
GULW 2.13 150 P 42 13.12 1.5
WTV 2.14 91 P 42 11.98 0.3
DHW2 2.27 83 P 42 13.91 0.4
BTB 2.33 318 eP 42 13.82 -0.6
BVW 2.41 112 P 42 16.13 0.6
EPH 2.42 99 Pc 42 15.52 -0.2
SAW 2.51 90 Pc 42 16.55 -0.4
MDW 2.57 116 P 42 18.27 0.5
TDH 2.65 159 P 42 20.57 1.5
CRF 2.71 109 P 42 19.49 -0.3
GBL 2.76 114 P 42 20.89 0.4
VGB 2.78 144 eP 42 21.41 0.6
ETB 2.78 306 eP 42 20.05 -0.6
VBEM 2.92 158 P 42 24.53 1.7
OD2 3.01 96 Pc 42 23.06 -1.0
ET3 3.10 111 P 42 24.95 -0.3
DPW 3.32 87 eP 42 27.30 -1.2
LNOR 3.83 118 P 42 35.25 -0.4
BPBC 3.88 310 eP 42 35.64 -0.8
PHC 4.07 318 eP 42 38.55 -0.5
HOLB 4.36 313 eP 42 42.35 -0.8
84 obs. associated

% JUN 20, 1994 13h 47m 11.22± 0.62s
28.089 S ± 7.5km 26.877 E ± 5.6km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.7 (PRE).

SEK 0.70 110 eP 47 25.00 -0.2
S 47 34.00
BLF 1.18 211 eP 47 34.10 0.2
S 47 49.00
BOSA 1.39 248 eP 47 38.00 0.8
S 47 58.00
SWZ 1.65 303 eP 47 40.40 -0.6
S 48 03.30
FRS 2.14 219 eP 47 47.50 -0.6
S 48 13.50
KSR 2.22 0 eP 48 00.20 10.9X
SLR 2.66 28 eP 47 56.00 0.4
S 48 27.50
NWL 2.75 83 eP 47 57.00 0.1
S 48 29.00
S.D. = 0.6 on 7 of 8 obs.

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* JUN 20, 1994 15h 18m 11.29± 1.00s
49.162 N ±10.5km 6.952 E ± 8.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (UCC).

RUP 0.54 7 P 18 22.10 -0.2
WLF 0.72 314 iPd 18 23.26 -2.2
iS 18 32.73
KTD 0.76 78 P 18 26.60 0.5
FEL 1.47 151 eP 18 38.70 0.8
MEM 1.57 337 iPc 18 40.44 1.2
id 18 41.06
iS 18 59.36
ENN 1.74 338 ePg 18 43.50 1.8
0.5s 19.40nm
eSg 19 07.00
DOU 1.80 302 Pn 18 42.40 -0.1
i 18 44.40
BNS 1.81 4 ePd 18 45.30 2.6X
MOX 3.36 62 (Pg) 19 17.00 12.1X
(Sg) 20 07.00
KHC 4.35 88 ePn 19 17.50 -1.5
e 19 35.00

eSn 20 08.30
eSg 20 40.50
GEC2 4.45 92 Pn 19 20.20 -0.3
0.5s 1.76nm
Pg 19 41.10
S.D. = 1.5 on 9 of 11 obs.

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* JUN 20, 1994 15h 37m 09.29± 0.69s
23.155 N ± 8.9km 121.453 E ±16.2km
DEPTH = 33.0km (normal)
4.4mb (9 obs.)
TAIWAN (244)

BBP 2.74 170 ePc 37 52.30 0.4
CVP 5.43 176 ePd 38 37.00 6.9X
BAG 6.76 187 eP 38 51.50 2.5
HKC 6.77 264 iP 38 48.60 -0.4
iS 40 00.60
SSE 7.91 358 Pn 39 07.00 2.1
Z 12s 0.90um
N 12s 0.70um
Lg 41 13.00
BJI 17.42 346 eP 41 17.50 6.2X
1.2s 8.00nm 3.7mb
Z 14s 0.59um
N 10s 0.25um
CHTO 21.45 263 eP 42 01.40 4.4X
WRA 44.64 163 P 45 20.00 -0.7
0.5s 1.90nm 4.2mb
WB2 44.65 163 eP 45 19.20 -1.5
0.5s 3.80nm 4.5mb
WARB 49.30 174 eP 45 57.00 -0.2
0.4s 6.00nm 5.0mb
STKA 58.02 160 iPd 47 00.60 -0.7
0.7s 6.40nm 4.8mb
TOO 64.50 159 iPd 47 45.40 0.3
0.8s 16.00nm 5.2mb
i 47 52.60
KAF 72.17 331 iP 48 31.20 -1.2
0.4s 1.60nm 4.4mb
NB2 79.25 332 P 49 11.50 -1.1
0.6s 1.60nm 4.2mb
SSR 80.53 315 iPd 49 35.00 15.2X
GEC2 83.79 321 P 49 37.10 0.4
0.8s 1.45nm 4.2mb
e 49 41.10
e 49 45.00
S.D. = 1.4 on 12 of 16 obs.

JUN 20, 1994 15h 56m 56.85± 0.76s
36.921 N ± 7.5km 2.443 E ± 4.7km
DEPTH = 10.0km (geophysicist)
3.8mb (1 obs.)
NORTHERN ALGERIA (396)
mbLg 3.7 (MDD).

ABA 0.49 104 iPg 57 06.50 -0.3
iSg 57 14.00
ACU 2.76 306 iPc 57 42.24 0.2
eS 58 13.30
ESEL 2.86 7 iPd 57 43.81 0.4
eS 58 15.30
ENIJ 3.73 272 eP 57 55.50 -0.2
eS 58 37.20
ECHE 3.78 316 eP 57 57.09 0.6
eS 58 39.40
EHUE 4.11 284 eP 58 02.05 0.9
eS 58 48.10
EROQ 4.21 338 eP 58 00.17 -2.3
eS 58 49.70
EVIA 4.28 295 eP 58 03.49 -0.1
eS 58 51.40
TAF 4.47 243 eP 58 12.00 5.8X
i 58 25.00
ECOG 4.82 276 eP 58 12.57 1.3
eS 59 05.90
EGUA 4.82 271 eP 58 10.06 -1.1
eS 59 03.40
ERON 5.00 273 eP 58 13.28 -0.6
eS 59 10.70
ETOR 5.24 319 eP 58 15.14 -2.1
eS 59 12.30
ELOJ 5.28 274 eP 58 18.20 0.4
eS 59 15.90
ETER 5.38 3 eP 58 20.10 1.0
eS 59 16.50
ELUQ 5.39 279 eP 58 19.57 0.2

eS 59 21.40
EGRA 5.68 339 eP 58 21.87 -1.4
PAB 5.95 298 iPn 58 26.90 -0.3
iPb 58 34.40
iSn 59 33.90
iSg 59 53.40
EPF 6.31 346 Pn 58 34.10 1.8
Sn 59 41.30
GUD 6.35 308 eP 58 33.09 0.2
eS 59 42.60
LMR 7.12 25 Pn 58 42.60 -0.9
Sn 59 58.20
LRG 7.18 23 Pn 58 44.20 -0.2
Sn 00 00.50
FRF 7.37 25 Pn 58 45.90 -1.1
Sn 00 05.00
SBF 7.91 27 Pn 58 53.60 -1.1
Sn 00 18.30
CAF 8.00 358 Pn 58 57.50 1.6
RJF 8.40 356 Pn 59 02.10 0.6
LPG 9.16 19 Pn 59 12.20 0.0
LPL 9.17 19 Pn 59 11.40 -0.9
MAF 9.29 1 Pn 59 13.10 -0.7
TCF 9.36 359 Pn 59 15.80 1.1
GEC2 14.47 31 P 00 25.50 1.8
1.7s 2.93nm 3.6mb X
e 00 31.60
e 00 46.30
NB2 24.77 10 P 02 21.20 1.4
0.8s 1.80nm 3.8mb
S.D. = 1.1 on 31 of 32 obs.

JUN 20, 1994 15h 59m 48.87± 0.40s
44.491 N ± 3.9km 20.947 E ± 4.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 3.8 (TTG). ML 3.8 (TIR).

BEO 0.48 313 iPg 59 59.10 0.4
0.3s 4.50nm
iSg 00 12.60
TIM 1.26 9 eP 00 14.00 1.7
GZR 1.58 55 iPc 00 17.50 0.4
PLE 1.61 225 iPnd 00 17.85 0.3
iSn 00 38.94
IVA 1.79 206 iPnc 00 22.27 2.2
iSn 00 48.41
DEV 1.96 44 iPd 00 24.00 1.5
PVY 2.02 201 iPnc 00 27.17 3.6X
iSn 00 54.94
NKY 2.19 221 iPnd 00 25.68 -0.3
iSn 00 54.24
BRY 2.36 228 iPnd 00 27.90 -0.5
iSn 00 56.34
DRA 2.37 84 ePd 00 37.00 8.6X
TTG 2.40 211 iPnc 00 29.49 0.7
iSn 01 00.65
VTS 2.51 138 iPc 00 30.00 -0.5
SKO 2.54 172 iPnc 00 31.00 0.1
iPg 00 38.00
iSn 01 08.00
i 01 11.50
iSb 01 15.00
iSg 01 20.00
COZ 2.55 70 eP 00 34.00 2.9X
SDA 2.66 204 iPnd 00 42.00 9.5X
BDV 2.69 216 iPnc 00 33.41 0.4
iSn 01 07.70
HCY 2.71 222 iPnd 00 32.91 -0.4
iSn 01 06.76
ULC 2.81 207 iPnc 00 36.37 1.6
iSn 01 12.49
PHP 2.83 188 ePn 00 35.30 0.3
iSn 01 20.30
LACI 2.99 198 ePn 00 42.10 4.9X
iSn 01 29.10
CMP 3.01 74 ePc 00 43.00 5.5X
MTUR 3.02 74 eP 00 46.00 8.4X
KKB 3.05 148 eP 00 35.00 -3.1
TIR 3.24 195 ePn 00 04.52 -36.2X
SNX 3.36 74 eP 00 53.00 10.5X
OHR 3.38 182 iPn 00 43.80 1.0
i 00 53.00
i 01 22.00
i 01 39.00
VAY 3.39 159 iPn 00 42.60 -0.2
i 00 51.70

20d 16h

i 01 40.00
i 01 46.40
MMB 3.54 144 iPd 00 45.00 -0.1
PLD 3.63 130 iPg 00 55.00 8.7X
BUC1 3.64 90 eP 01 44.00 57.5X
MLR 3.68 72 eP 00 49.00 1.8
BUC 3.69 89 ePd 01 38.00 50.9X
ZAG 3.75 293 eP 01 02.00 14.0X
SRO 3.79 332 eP 00 46.60 -2.0
i 00 54.10
i 00 58.80
i 01 24.20
i 01 37.30
PTJ 3.80 294 iP 01 00.30 11.5X
KBN 3.87 182 ePn 00 49.00 -0.7
RZN 3.93 134 eP 00 50.00 -0.7
VRI 4.31 69 eP 00 56.00 0.0
KDZ 4.33 129 iPd 00 55.00 -1.3
LSK 4.35 184 ePn 01 01.20 4.6X
RIY 4.74 283 eP 01 19.30 17.3X
LJU 4.79 291 e(Pn) 01 08.00 5.3X
e 01 21.00
e(Sn) 01 57.00
VKA 4.95 321 e(P) 01 12.00 7.0X
i 01 26.20
i 02 43.60
CFR 5.17 80 eP 01 33.50 25.4X
VOY 5.21 290 ePn 01 09.20 0.4
i 01 25.30
eSn 02 04.00
TRI 5.23 286 e(Pn) 01 10.30 1.4
e(Sn) 02 05.70
e(Sg) 02 32.70
KBA 5.91 299 iPc 01 24.50 5.8X
0.6s 8.10nm 4.6mb
i 01 42.50
i 02 22.40
i 03 06.80
GEC2 6.62 314 Pn 01 26.70 -2.0
0.8s 5.86nm 4.6mb
KHC 6.86 315 ePn 01 30.00 -2.0
0.8s 5.00nm 4.7mb
e 01 43.50
e 02 18.00
e 02 37.40
e 03 21.50
e 03 40.50
PRU 7.02 324 ePn 01 43.00 8.9X
eSn 02 51.00
e 02 58.50
e 03 21.50
WTTA 7.07 296 iPc 01 35.60 0.6
i 01 52.40
i 02 27.70
BRG 7.94 326 e(P) 02 25.00 38.0X
e 04 03.00
GRF 8.43 312 e(Pn) 01 48.00 -5.9X
e(Pg) 02 06.40
e(Sg) 03 10.00
MOX 8.81 318 (Pn) 01 58.00 -1.2
(Sg) 04 38.00
S.D. = 1.3 on 31 of 54 obs.

? JUN 20, 1994 18h 46m 26.64± 6.60s
26.400 S ±41.6km 28.152 E ±36.1km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.1 (PRE).

PRY 0.80 229 eP 46 43.20 0.4
S 46 56.00
SEK 1.97 194 eP 47 02.00 0.8
S 47 27.10
SWZ 2.64 252 eP 47 11.00 0.2
S 47 43.50
BLF 3.21 212 iPd 47 18.00 -0.9
S 48 00.50
BOSA 3.28 227 eP 47 19.90 0.2
S 48 01.00
FRS 4.17 216 eP 47 31.60 -0.7
S 48 17.80
S.D. = 0.8 on 6 of 6 obs.

% JUN 20, 1994 19h 26m 26.48± 0.64s
37.008 N ± 5.9km 4.005 W ± 4.4km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 3.0 (MDD).

ERON 0.16 86 iPd 26 30.18 -0.1
eS 26 32.90
ELOJ 0.18 320 iPc 26 29.83 -0.8
eS 26 33.40
EGUA 0.39 116 eP 26 34.16 -0.4
eS 26 41.20
EMAL 0.42 234 iPc 26 35.02 0.0
eS 26 42.10
ECOG 0.44 52 iPd 26 35.02 -0.5
eS 26 42.10
ELUQ 0.59 339 eP 26 37.80 -0.7
eS 26 46.80
EBAN 1.17 9 eP 26 48.60 0.3
eS 27 04.00
EHOR 1.28 310 eP 26 51.16 0.9
eS 27 07.70
ALJ 1.33 256 eP 26 58.00 7.0X
EHUE 1.38 54 eP 26 53.16 1.3
eS 27 11.80
EVIA 2.02 36 eP 27 00.87 -0.1
eS 27 26.70
S.D. = 0.8 on 10 of 11 obs.

JUN 20, 1994 22h 15m 17.79± 1.07s
45.118 N ± 6.1km 10.272 E ± 9.4km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.6 (LDG).

PCP 1.36 245 P 15 44.66 1.9
S 16 00.41
FIN 1.73 239 P 15 48.37 0.3
S 16 06.59
ROB 1.90 245 P 15 51.21 0.6
RSP 2.13 272 P 15 52.67 -1.4
BHB 2.15 264 P 15 52.94 -1.3
ENR 2.22 247 P 15 55.28 0.0
LSD 2.23 280 P 15 55.54 0.0
STV 2.28 248 P 15 56.06 0.0
PZZ 2.34 256 P 15 55.74 -1.3
SBF 2.39 239 Pn 15 58.40 0.8
Sn 16 24.50
LPG 2.51 280 Pn 15 59.40 -0.2
LPL 2.53 280 Pn 15 59.20 -0.6
FRF 3.03 240 Pn 16 06.80 0.1
Sn 16 39.80
LMR 3.24 238 Pn 16 09.30 -0.4
Sn 16 45.40
BSF 3.63 320 Pn 16 16.80 1.5
Sn 16 57.70
CDF 3.89 329 Pn 16 19.20 0.3
Sn 17 03.60
HAU 3.96 318 Pn 16 20.60 0.7
Sn 17 05.00
GEC2 4.41 31 Pn 16 25.50 -0.8
0.1s 0.20nm
SMF 4.74 291 Pn 16 30.90 -0.2
Sn 17 23.60
LBF 4.76 295 Pn 16 31.80 0.4
Sn 17 23.30
LOR 4.94 298 Pn 16 33.90 0.0
Sn 17 27.60
SSF 5.09 295 Pn 16 35.10 -0.8
Sn 17 30.70
AVF 5.11 292 Pn 16 36.30 0.2
Sn 17 33.20
S.D. = 0.9 on 23 of 23 obs.

? JUN 20, 1994 23h 58m 31.38± 2.02s
10.886 N ±13.3km 61.915 W ±29.2km
DEPTH = 60.0km (geophysicist)
TRINIDAD (98)
MD 3.1 (TRN).

TCE 0.25 140 eP 58 40.67 -0.5
eS 58 50.28
TRN 0.56 115 eP 58 44.27 0.3
eS 58 57.32
TPP 0.73 141 eP 58 46.54 0.5
eS 59 00.83
TBH 0.92 116 eP 58 48.07 -0.5
eS 59 05.95
GRW 1.29 11 eP 58 53.69 0.1
eS 59 13.52
S.D. = 0.6 on 5 of 5 obs.

? JUN 21, 1994 00h 07m 39.91± 6.58s
7.729 S ±55.7km 126.861 E ±58.0km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
BANDA SEA (280)

KNA 8.19 167 eP 09 40.00 0.6
WB2 14.15 150 iPc 10 56.50 -3.6X
0.3s 12.30nm 5.0mb X
eS 13 31.60
ASPA 17.23 158 eP 11 39.10 -0.7
i 11 43.80
eS 14 43.70
WARB 18.35 181 eP 11 53.50 -0.2
STKA 27.67 152 eP 13 27.20 0.3
0.8s 5.10nm 4.3mb
S.D. = 1.0 on 4 of 5 obs.

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* JUN 21, 1994 00h 44m 00.32± 1.39s
39.670 N ± 5.0km 20.284 E ±14.5km
DEPTH = 5.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
ML 2.8 (THE).

IGT 0.14 165 ePg 44 03.24 0.0
eSg 44 07.36
LSK 0.54 27 ePg 44 10.60 -0.5
KBN 1.03 22 ePn 44 23.00 2.8X
FNA 1.39 37 ePb 44 26.52 0.1
eSb 44 49.76
OHR 1.49 15 ePn 44 28.00 0.1
TIR 1.71 349 ePn 44 37.20 6.4X
AGG 1.71 112 iPb 44 30.72 -0.3
eSb 44 56.72
LIT 1.75 75 ePn 44 31.96 0.4
iSn 44 59.89
GRG 2.07 51 ePn 44 36.44 0.3
VAY 2.40 46 ePn 44 47.00 6.1X
SKO 2.46 20 ePn 44 45.00 3.2X
KNT 2.49 52 ePn 44 42.24 0.1
OUR 2.92 76 ePn 44 48.08 -0.1
S.D. = 0.3 on 9 of 13 obs.

& JUN 21, 1994 00h 45m 32.70s
33.258 N 116.021 W
DEPTH = 3.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.7 (PAS), 2.8 (GS).

PLM 0.71 278 eP 45 45.81 -1.1
eS 45 56.48
GLA 1.02 101 eP 45 50.28 -2.4
eS 46 03.90
PEC 1.14 304 eP 45 53.85 -0.9
eS 46 07.08
CSP 1.52 313 eP 45 59.54 -1.4
SSK 1.69 305 eP 46 03.10 -0.2
GSC 2.14 343 eP 46 10.47 0.6
TPNV 3.69 357 (Pn) 46 29.27 -2.7
7 obs. associated

? JUN 21, 1994 00h 55m 58.95± 9.94s
40.653 N ±14.4km 30.098 E ±74.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

YLV 0.56 261 iPg 56 10.20 -0.1
eSg 56 22.20
IZI 0.57 237 ePg 56 10.70 0.1
eSg 56 21.70
ISK 0.89 298 ePn 56 16.20 0.2
CTT 1.36 292 ePn 56 23.70 -0.2
S.D. = 0.3 on 4 of 4 obs.

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* JUN 21, 1994 01h 07m 34.30± 0.83s
9.476 S ±13.6km 112.577 E ±11.9km
DEPTH = 33.0km (normal)
4.7mb (5 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.19 70 ePc 08 23.10 -0.2
eS 09 11.00
e 13 14.00
LEM 5.57 298 ePc 09 11.20 14.0X
NANU 13.32 168 eP 10 37.00 -6.6X

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        eS    12 55.00
MBL     13.56 150 eP     10 39.00  -7.7X
   0.3s     5.00nm          4.9mb
        eS    12 56.00
MRWA    19.90 171 eP     11 50.70 -15.3X
        eS    15 27.00
WARB    21.31 143 eP     12 25.00   4.4X
        eS    16 10.00
WB2     23.46 119 iPd    12 41.90   0.0
   0.5s     7.80nm          4.5mb
ASPA    24.78 127 eP     12 55.10   0.3
   0.5s    11.30nm          4.7mb
        eS    17 28.40
STKA    34.92 134 eP     14 25.00  -0.2
   0.9s    10.00nm          4.7mb
GBA     41.74 303 P      15 22.00  -0.2
BJI     49.38   4 eP     16 23.00   0.4
   1.0s     6.00nm          4.6mb
SOB1   147.72 236 ePKP   27 20.00   4.6X
BAO    148.49 218 (PKP)  27 22.00   5.3X
   S.D. = 0.4  on  6 of 13 obs.
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  JUN 21, 1994 01h 39m 39.40± 0.92s
  39.865 N ± 6.9km   23.720 E ± 6.4km
  DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                      (365)
     ML 2.6 (THE).

PAIG     0.07 333 iPg    39 41.50  -0.2
              eSg        39 42.36
OUR      0.51  23 ePg    39 50.00   0.3
              eSg        39 57.48
THE      0.96 323 iPg    39 57.68   0.0
              eSg        40 09.72
LIT      0.97 284 iPg    39 57.74  -0.2
              eSg        40 10.72
SOH      1.00 344 ePg    39 58.52   0.2
SRS      1.25 356 ePb    40 03.28   0.6
              eSb        40 20.14
AGG      1.37 232 ePb    40 04.72   0.2
              eSb        40 23.50
KNT      1.44 334 ePb    40 05.92   0.4
              iSb        40 24.48
GRG      1.48 318 ePb    40 06.28   0.1
              eSb        40 26.26
VAY      1.70 329 ePn    40 11.00   1.8X
MMB      1.72   0 eP     40 09.00  -0.6
RZN      1.97  22 iPd    40 14.00   0.6
KKB      2.06 347 iPd    40 14.00  -0.4
KDZ      2.20  35 eP     40 16.00  -0.5
VTS      2.75 352 eP     40 24.00  -0.5
   S.D. = 0.5  on  14 of  15 obs.
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* JUN 21, 1994 02h 12m 21.06± 0.98s
  15.495 N ±11.2km   41.622 E ±10.8km
  DEPTH =  10.0km  (geophysicist)
  4.8mb ( 44 obs.)
 RED SEA                         (554)
     MD 4.8 (RYD).

ABHA     2.94  21 ePc    13 04.00  -5.0X
              eS         13 40.00
KMSA     5.57  29 iPd    13 41.20  -4.8X
BHL     19.11 345 P      16 46.00  -0.7
              S          20 38.00
KER     19.42  14 eP     16 51.00   0.4
MAIO    26.14  34 eP     17 57.00  -0.2
ASH     26.81  30 eP     18 07.00   3.7X
KIV     28.38   2 eP     18 21.30   3.7X
   1.2s    16.00nm          4.7mb
  Z  13s     0.20um         3.9MszX
UZH     36.66 338 eP     19 30.50   0.9
   1.0s    31.00nm          5.1mb
PTJ     37.17 330 eP     19 34.10   0.1
SRO     37.54 334 eP     19 38.30   1.3
VOY     38.28 328 eP     19 44.60   1.2
              e          19 58.00
KBA     39.28 329 iPd    19 52.80   1.0
OBN     39.71 355 eP     19 55.00  -0.1
   1.2s    26.00nm          4.8mb
BHG     39.95 330 iPc    19 58.20   1.0
WTTA    40.26 328 iPd    20 00.30   0.3
   1.1s    15.80nm          4.6mb
OGA     40.31 327 iPc    20 02.40   2.0
   1.2s    27.00nm          4.8mb
WATA    40.34 328 iPd    20 00.90   0.4
GEC2    40.35 331 P      20 00.80   0.2
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   1.1s    16.25nm          4.6mb
              e          20 05.00
              e          30 20.00
              e          30 22.40
              e          39 19.30
              e          43 12.60
              e          43 14.80
SQTA    40.45 328 iPd    20 01.80   0.4
   1.0s    10.70nm          4.5mb
SBF     40.52 321 eP     20 02.90   0.9
   1.1s    36.15nm          5.0mb
MOTA    40.58 328 iPd    20 03.80   1.2
KHC     40.61 332 P      20 02.50  -0.2
   1.2s    16.00nm          4.6mb
              e          20 13.00
              e          20 22.50
LMR     40.80 320 eP     20 04.30   0.1
   1.1s    15.15nm          4.6mb
PRU     40.81 333 P      20 04.60   0.4
   1.1s    17.60nm          4.7mb
FRF     40.83 320 eP     20 04.60   0.1
   1.1s    20.50nm          4.8mb
WET     40.95 331 iPc    20 05.50   0.1
TMA     40.99 325 ePd    20 06.50   0.6
LLS     41.39 326 ePd    20 09.40   0.2
MMK     41.46 324 ePd    20 10.30   0.4
BRG     41.72 334 iP     20 11.80   0.1
   1.2s    17.00nm          4.7mb
DIX     41.79 324 ePd    20 12.90   0.3
LPG     41.84 323 eP     20 12.30  -0.8
   0.9s    10.50nm          4.6mb
APL     41.85 326 ePd    20 12.70  -0.1
LPL     41.86 323 eP     20 12.30  -0.8
   1.0s    13.80nm          4.6mb
GRF     42.10 331 ePd    20 14.50  -0.4
   1.2s    23.20nm          4.8mb
SLE     42.21 327 ePd    20 15.80   0.0
CLL     42.45 334 iP     20 17.60   0.0
   1.4s    19.00nm          4.6mb
FEL     42.53 327 P      20 18.59   0.0
BBS     42.55 326 P      20 18.76   0.1
MOX     42.59 332 iP     20 19.00   0.2
LOMF    42.86 325 P      20 21.45   0.3
MOF     42.99 326 P      20 22.54   0.3
BSF     43.16 326 eP     20 23.30  -0.4
   1.1s    27.85nm          4.9mb
ECH     43.20 326 P      20 23.79   0.0
WLS     43.21 327 P      20 24.12   0.1
CDF     43.25 327 eP     20 24.00  -0.4
   1.1s    14.40nm          4.6mb
LANF    43.33 328 P      20 25.03   0.2
HAU     43.51 326 eP     20 25.90  -0.4
   1.2s    19.05nm          4.8mb
SVE     43.69  15 eP     20 28.00   0.3
SMF     44.16 323 eP     20 30.90  -0.7
   1.1s    15.15nm          4.8mb
LBF     44.26 323 eP     20 31.90  -0.6
   1.1s    43.95nm          5.2mb
CAF     44.37 320 eP     20 33.60   0.2
   1.3s    22.40nm          4.9mb
LOR     44.48 323 eP     20 33.70  -0.6
   1.1s    38.60nm          5.2mb
AVF     44.52 323 eP     20 33.70  -0.8
   1.1s    17.10nm          4.8mb
SSF     44.58 323 eP     20 34.30  -0.7
   1.0s    22.40nm          5.0mb
WLF     44.60 328 iPc    20 33.59  -1.5
   1.2s     8.60nm          4.5mb
MAF     44.69 322 eP     20 35.70  -0.3
   1.1s    10.00nm          4.6mb
BGF     44.70 322 eP     20 36.00   0.0
   1.1s    48.35nm          5.3mb
LPO     44.80 319 eP     20 37.10   0.2
   1.0s    14.00nm          4.8mb
RJF     44.89 320 eP     20 37.60   0.1
   1.4s    29.20nm          5.0mb
TCF     44.94 321 eP     20 37.60  -0.4
   1.5s    16.20nm          4.7mb
BTH     45.02 316 iPd    20 44.00   5.3X
              ipP        20 45.00   3kmX
LFF     45.20 319 eP     20 40.20   0.2
   1.1s    23.20nm          5.0mb
MEM     45.25 329 iPc    20 41.30   1.0
   1.3s     8.80nm          4.5mb
LSF     45.33 321 eP     20 40.90  -0.2
   1.2s    19.65nm          4.9mb
DOU     45.67 327 P      20 44.10   0.5
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SNF     46.07 327 iPc    20 47.33   0.5
KIC     46.33 264 P      20 49.70   0.3
   0.9s    17.50nm          5.1mb
MFF     46.52 321 eP     20 49.70  -0.7
   1.2s    12.20nm          4.8mb
TIC     46.52 264 P      20 51.18   0.3
   1.0s    19.00nm          5.1mb
LIC     46.64 264 P      20 52.16   0.3
   1.1s    35.50nm          5.3mb
PAB     46.65 310 eP     20 32.50 -19.2X
LDF     47.46 323 eP     20 56.50  -1.3
   1.2s    25.60nm          5.2mb
LPF     47.73 322 eP     20 58.80  -1.1
   1.1s    25.90nm          5.2mb
FLN     47.75 323 eP     20 58.80  -1.3
   1.0s    26.20nm          5.3mb
GRR     47.79 323 eP     20 59.00  -1.4
   1.1s    22.95nm          5.2mb
NB2     50.46 341 P      21 18.90  -2.0
   0.8s     1.60nm          4.0mb
FRB     84.84 335 eP     24 56.50  -0.3
WRA     97.64 109 P      25 49.20  -8.4X
   0.6s    21.90nm          6.0mb X
   S.D. = 0.7  on  72 of  79 obs.
--------------------------------------
  JUN 21, 1994 02h 18m 23.32± 0.47s
  43.208 S ± 8.5km  171.594 E ± 7.5km
  DEPTH =  10.0km  (geophysicist)
  5.3mb (  7 obs.) 5.3Msz (  5 obs.)
 SOUTH ISLAND, NEW ZEALAND       (162)
     Mw 5.4 (HRV). ML 5.6 (WEL). Felt
     (IV) in northern and central
     South Island.
     CENTROID, MOMENT TENSOR     (HRV)
     Data Used: GDSN
     L.P.B.: 37S, 54C
     Centroid Location:
     Origin Time        02:18:25.2 0.4
     Lat 43.38S 0.05 Lon 171.81E 0.05
     Dep  15.0 FIX Half-duration  1.3
     Moment Tensor;  Scale 10**17 Nm
       Mrr= 0.47 0.04  Mtt= 0.37 0.05
       Mff=-0.85 0.06  Mrt= 0.87 0.12
       Mrf= 0.28 0.15  Mtf=-1.02 0.04
      Principal Axes:
       T  Val=  1.43  Plg=37  Azm= 19
       N        0.23      47      235
       P       -1.66      19      124
     Best Double Couple:Mo=1.5*10**17
      NP1:Strike=168 Dip=49 Slip=  16
      NP2:        68     78       138

SNZO     2.99  52 P      19 11.00  -0.5
RIV     18.49 294 iPc    22 43.80   2.6
   Z  20s     0.35um
              eS         26 17.00
              eTT        39 11.00
CNB     18.90 287 iPd    22 47.80   1.6
   1.0s   125.00nm          5.1mb
              eTT        38 07.00
CAN     19.15 287 iPd    22 50.10   0.8
              eTT        38 30.00
TOO     20.62 277 eP     23 05.30   0.0
              eS         26 52.50
              eTT        38 27.00
NOUC    21.50 347 iPd    23 15.10   0.7
DZM     21.51 347 iPc    23 14.80   0.3
BKM     25.62 353 iPc    23 56.00   1.5
STKA    26.20 286 eP     24 00.00   0.2
   1.0s    68.60nm          5.3mb
ADE     26.69 277 eP     24 04.60   0.3
HNR     35.15 340 eP     25 17.00  -2.2
ASPA    36.60 290 iPc    25 30.00  -1.5
   1.2s    70.90nm          5.4mb
   Z  22s     4.30um        5.2Msz
              iS         31 11.00
WB2     38.84 295 iPc    25 49.00  -1.3
   0.5s    37.10nm          5.3mb
              eS         31 55.90
PMG     39.86 320 eP     25 59.00   0.3
WARB    40.15 280 eP     26 00.50  -0.6
MUN     44.56 265 eP     26 36.00  -1.1
KNA     45.54 293 eP     26 45.00   0.0
MRWA    46.18 269 eP     26 49.00  -0.9
WWKK    46.58 320 ePd    26 53.60   0.4
SPA     46.98 180 eP     26 58.00   1.9
   1.0s    41.50nm          5.5mb
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21d 02h

MBL   48.15 280 eP     27 04.00  -1.5
      0.6s   16.00nm           5.3mb
JAY   48.96 317 ePd    27 11.00  -0.8
NANU  50.39 275 eP     27 21.90  -0.8
      0.5s   14.00nm           5.2mb
MAW   57.30 206 eP     28 14.00   0.9
MKS   59.42 294 iPc    28 28.00  -0.5
SYO   62.63 198 ePd    28 48.70  -0.9
LEM   66.48 283 ePd    29 16.00   0.5
CVP   75.88 311 eP     30 12.00   0.3
BDT   89.54 294 eP     31 21.80  -0.4
YSS   93.41 341 (P)    31 43.00   3.7X
                e      42 09.00
ILT  111.02   4 ePKP   37 02.00   4.8X
     Z 20s    0.30um          4.9Msz
     N 20s    0.20um
     E 20s    0.10um
                e      47 00.00
ULM  122.94  50 ePKP   37 21.50   1.0
MBC  126.85  16 ePKP   37 27.00  -0.4
      1.0s    4.00nm
MAIO 128.63 287 ePKP   37 32.00  -0.1
RES  132.03  21 ePKP   37 39.00   1.7
FRB  140.62  37 ePKP   37 47.00  -6.6X
      1.0s    4.00nm
LIC  143.05 186 PKP    37 56.12  -3.3X
      0.6s    4.00nm
     Z 19s    0.73um          5.5Msz
KIC  143.16 186 PKP    37 55.86  -3.7X
      0.9s    9.00nm
KIV  143.47 289 (PKP)  37 59.00  -0.4
      1.3s    6.00nm
BHL  144.66 270 PKP    38 00.00  -1.7
SOC  145.42 288 ePKP   37 58.00  -4.6X
LVZ  146.47 332 ePKP   38 03.40  -0.3
MOS  148.18 309 ePKP   38 10.00   3.4X
     Z 20s    0.60um          5.4Msz
OBN  148.80 308 iPKPd  38 11.00   3.4X
      1.0s   60.00nm
     Z 22s    0.60um          5.3Msz
     N 22s    0.30um
     E 22s    0.50um
SDF  149.44 334 iPKP   38 11.10   2.8X
KAF  152.21 325 iPKP   38 18.00   5.4X
      0.7s   16.40nm
NUR  153.64 323 ePKP   38 22.00   7.4X
MNK  154.17 307 ePKP   38 23.00   7.5X
MLR  155.44 287 ePKP   38 14.00  -3.7X
BTH  174.00 272 ePKPc  38 34.00   0.8
                sP'df  39 54.00
                ePKPab40 04.50
                esP'ab40 14.00
     S.D. = 1.1  on  37 of  50 obs.
-------------------------------------
% JUN 21, 1994  03h 06m 25.48± 0.87s
  38.181 N ±16.1km   25.980 W ±13.2km
  DEPTH =   5.0km  (geophysicist)
 AZORES ISLANDS                  (405)

SETA   0.41 154 iP     06 33.86   0.1
                iS     06 39.09
FAC    0.48 147 iP     06 35.04  -0.1
                iS     06 41.93
CML    0.53 140 iP     06 36.15   0.0
                iS     06 43.23
LFA    0.57 136 iP     06 36.74  -0.1
                iS     06 44.03
MESC   0.57 132 iP     06 37.09   0.1
                iS     06 44.43
SDCA   0.65 126 iP     06 38.53   0.0
                iS     06 47.17
RIB2   1.06 298 iP     06 46.00   0.1
                iS     06 59.25
ASBA   1.19 297 eP     06 48.00  -0.1
                eS     07 02.50
     S.D. = 0.1  on   8 of   8 obs.
-------------------------------------
* JUN 21, 1994  03h 10m 02.81± 1.61s
  37.728 N ±11.3km   20.872 E ±12.0km
  DEPTH =   5.0km  (geophysicist)
 IONIAN SEA                      (399)
      MD 3.3 (ATH). ML 3.0 (THE).

VLS    0.50 334 ePg    10 11.90  -1.0
AGG    1.73  41 ePb    10 34.86   1.2
                eSb    10 56.26
IGT    1.85 347 ePb    10 37.34   1.9
                eSb    11 00.10
VLI    1.93 121 ePb    10 36.40  -0.2
KEK    2.15 337 ePg    10 44.30   4.5X
KZN    2.67  15 ePn    10 47.20  -0.1
LIT    2.68  28 ePn    10 48.02   0.6
FNA    3.08   7 ePn    10 52.98   0.0
GRG    3.44  20 ePn    10 57.48  -0.6
OUR    3.56  42 ePn    10 59.62  -0.1
SOH    3.64  31 ePn    11 00.80  -0.2
KNT    3.77  24 ePn    11 02.30  -0.6
VAY    3.82  20 ePn    11 03.40  -0.2
SRS    3.99  31 ePn    11 05.38  -0.5
SKO    4.26   6 ePn    11 16.50   6.7X
     S.D. = 0.9  on  13 of  15 obs.
-------------------------------------
? JUN 21, 1994  03h 17m 54.56± 1.55s
  29.151 N ±17.6km   52.554 E ±20.4km
  DEPTH =  33.0km  (normal)
  4.4mb ( 22 obs.)  4.5Msz (  4 obs.)
 SOUTHERN IRAN                   (353)
      Felt in the Firuzabad area.

KER    6.96 320 eP     19 37.00   0.1
MAIO   9.22  38 eP     20 30.00  21.7X
MLR   26.55 315 eP     23 34.00   2.7X
GEC2  35.53 315 P      24 49.90  -0.5
      0.5s    0.42nm           3.6mb
KHC   35.70 315 eP     24 52.00   0.2
     Z 18s    0.50um          4.3Msz
     N 18s    0.30um
     E 18s    0.30um
                e      24 55.00
NUR   36.52 337 iP     24 58.50   0.0
      0.5s    9.20nm           4.9mb
KAF   37.19 340 iP     25 04.80   0.7
      0.3s    2.30nm           4.5mb
SBF   38.64 305 eP     25 17.10   0.5
      0.6s    9.40nm           4.8mb
LPG   39.34 307 eP     25 22.50  -0.2
      0.7s    9.80nm           4.7mb
LPL   39.36 307 eP     25 22.70  -0.1
      0.6s   11.00nm           4.8mb
LBF   41.46 309 eP     25 39.40  -0.4
      0.6s    2.70nm           4.2mb
SMF   41.51 309 eP     25 40.10  -0.1
      0.5s    9.55nm           4.8mb
LOR   41.58 310 eP     25 40.40  -0.3
      0.5s    2.20nm           4.1mb
     Z 22s    0.75um          4.5Msz
SSF   41.79 309 eP     25 42.00  -0.4
      0.6s    3.70nm           4.3mb
AVF   41.86 309 eP     25 43.30   0.3
      0.5s    2.25nm           4.2mb
NB2   42.01 331 P      25 43.70  -0.4
      0.5s    2.10nm           4.1mb
MAF   42.33 308 eP     25 47.00   0.0
      0.6s    2.25nm           4.1mb
CAF   42.57 306 eP     25 49.40   0.4
      0.6s    2.45nm           4.1mb
TCF   42.59 308 eP     25 49.20   0.2
      0.7s    3.65nm           4.2mb
RJF   42.99 306 eP     25 52.90   0.6
      0.9s    8.20nm           4.5mb
     Z 22s    0.60um          4.4Msz
LSF   43.05 308 eP     25 52.70  -0.1
LPO   43.18 305 eP     25 54.40   0.5
      0.7s    3.75nm           4.2mb
LFF   43.51 306 eP     25 57.20   0.7
      0.6s    7.95nm           4.7mb
MFF   44.24 308 eP     26 02.30  -0.1
      0.9s    8.20nm           4.6mb
LDF   44.40 311 eP     26 03.20  -0.5
      0.8s    6.70nm           4.5mb
FLN   44.65 311 eP     26 05.30  -0.4
      0.6s    7.30nm           4.7mb
     Z 21s    0.75um          4.6Msz
LPF   44.95 310 eP     26 07.70  -0.4
      0.7s    8.60nm           4.8mb
     S.D. = 0.4  on  25 of  27 obs.
-------------------------------------
% JUN 21, 1994  03h 45m 19.68± 0.64s
  26.399 S ± 5.7km   27.479 E ± 6.8km
  DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA        (584)
      ML 2.7 (PRE).

PRY    0.53 181 eP     45 29.90  -0.4
                S      45 36.10
KSR    0.75 315 eP     45 34.50  -0.1
                S      45 45.00
SLR    0.98  48 eP     45 38.10  -0.7
                S      45 47.60
SEK    1.92 176 iPd    45 54.10   0.6
                S      46 17.90
SWZ    2.08 247 eP     45 56.20   0.4
                S      46 22.00
BFT    2.41  73 eP     46 01.50   0.8
                S      46 30.00
BOSA   2.87 219 eP     46 07.50   0.6
                S      46 41.70
BLF    2.93 203 eP     46 06.70  -1.3
                S      46 40.00
     S.D. = 0.9  on   8 of   8 obs.
-------------------------------------
  JUN 21, 1994  04h 13m 30.76± 0.61s
  35.257 N ± 5.7km    4.013 W ± 6.8km
  DEPTH =  10.0km  (geophysicist)
 STRAIT OF GIBRALTAR             (385)
      mbLg 3.3 (MDD). MD 3.2 (RBA).

EMEL   0.87  87 eP     13 47.11  -0.3
                eS     13 58.80
TAF    1.38 108 iPn    13 58.00   1.8
                iSn    14 18.00
                i      14 20.00
EGUA   1.62  13 eP     13 58.02  -1.4
                eS     14 19.30
PLAT   1.66 302 eP     14 02.00   1.9
ERON   1.77   5 eP     14 00.82  -0.9
                eS     14 22.20
ELOJ   1.89 357 eP     14 02.40  -1.1
                eS     14 25.40
ALJ    1.91 318 eP     14 06.00   2.2
IFR    1.97 208 iPn    14 05.00   0.4
                i      14 07.00
                iS     14 25.00
                iSn    14 27.00
EPRU   1.97 330 eP     14 04.71   0.1
                eS     14 28.20
ECOG   2.05  10 eP     14 06.28   0.5
                eS     14 29.20
ELUQ   2.31 355 eP     14 09.39  -0.1
                eS     14 35.80
EHOR   2.75 339 eP     14 14.69  -1.0
                eS     14 46.60
EHUE   2.80  24 eP     14 16.68   0.2
                eS     14 47.70
AVE    3.43 236 ePn    14 24.00  -1.3
                eSn    15 00.00
                i      15 08.00
EVIA   3.59  19 eP     14 27.55  -0.1
                eS     15 08.10
TIO    5.11 213 iPn    14 48.00  -1.3
                iSn    15 43.50
     S.D. = 1.2  on  16 of  16 obs.
-------------------------------------
  JUN 21, 1994  04h 15m 52.67± 0.76s
  29.021 N ± 4.8km   52.596 E ± 3.5km
  DEPTH =  41.2 ±  7.3 km
  4.7mb ( 43 obs.)
 SOUTHERN IRAN                   (353)
      Felt in the Firuzabad area.

DHR    3.48 219 eP     16 48.00   2.4
                eS     17 06.00
RYD    6.85 233 eP     17 32.00  -1.3
                eS     18 40.00
KER    7.08 320 iP     17 37.00   0.4
MJMA   7.22 246 eP     17 35.30  -3.1X
QASM   8.56 252 eP     17 54.00  -3.0X
                eS     19 20.00
MAIO   9.30  37 eP     18 07.00  -0.3
                eS     20 11.00
BHL   15.25 293 P      19 26.00  -0.9
                S      24 28.00
KIV   16.88 335 eP     19 53.80   6.3X
      1.1s   19.00nm           4.1mb
NDI   21.56  85 eP     20 40.00  -0.6
VRI   26.38 317 eP     21 26.00  -0.8
MLR   26.66 315 eP     21 26.00  -3.6X
VAY   27.30 305 iP     21 36.50   1.2
GBA   27.68 118 P      21 38.00  -0.9
SKO   28.30 306 eP     21 44.00  -0.4
OBN   28.50 341 eP     21 47.00   1.1
```

SRO 32.40 315 eP 22 20.10 -0.5
LJU 34.25 310 eP 22 38.00 1.3
VOY 34.67 310 eP 22 38.00 -2.4X
KBA 35.33 312 iPc 22 46.30 0.2
0.7s 12.70nm 5.0mb
i 22 52.30
PRU 35.53 317 eP 22 52.50 4.9X
GEC2 35.65 315 P 22 48.40 -0.3
1.1s 1.65nm 3.9mb
PcP 25 18.70
KHC 35.82 315 P 22 50.00 -0.1
1.1s 10.50nm 4.7mb
e 22 52.50
e 23 08.50
WTTA 36.50 311 iPc 22 55.70 -0.3
0.8s 23.30nm 5.1mb
WATA 36.56 311 iPc 22 55.90 -0.6
NUR 36.66 337 iP 22 56.80 -0.1
0.3s 11.80nm 5.3mb
SQTA 36.77 311 iPc 22 57.80 -0.4
0.6s 22.00nm 5.2mb
KAF 37.33 340 iP 23 02.50 0.0
0.4s 5.30nm 4.8mb
GRF 37.46 315 eP 23 03.70 -0.1
TMA 38.09 309 ePc 23 09.00 -0.4
LLS 38.16 310 ePc 23 09.70 -0.3
ZLA 38.70 311 ePc 23 14.50 0.2
MMK 38.70 309 ePc 23 14.30 -0.3
SBF 38.74 305 iPc 23 15.20 0.5
0.7s 21.85nm 5.1mb
UPP 38.84 333 iP 23 14.90 -0.3
DIX 39.09 308 ePc 23 17.70 -0.1
LPG 39.45 307 iPc 23 20.10 -0.8
0.6s 14.60nm 5.0mb
LPL 39.46 307 iPc 23 20.80 -0.1
1.0s 24.40nm 5.0mb
CDF 39.63 312 eP 23 21.80 -0.3
BSF 39.82 311 iPc 23 23.20 -0.5
0.6s 4.95nm 4.5mb
HFS 40.63 331 eP 23 29.80 -0.2
0.9s 24.30nm 5.0mb
LBF 41.57 309 iPc 23 38.20 0.2
0.7s 6.50nm 4.5mb
SMF 41.61 309 iPc 23 38.20 -0.1
0.7s 29.10nm 5.1mb
LOR 41.69 310 iPc 23 38.60 -0.3
0.7s 8.05nm 4.6mb
SSF 41.90 309 iPc 23 40.70 0.1
0.8s 15.05nm 4.8mb
AVF 41.97 309 iPc 23 41.50 0.3
0.7s 9.25nm 4.6mb
NB2 42.14 331 P 23 41.80 -0.7
0.9s 6.10nm 4.3mb
BGF 42.28 308 eP 23 43.90 0.1
0.7s 9.25nm 4.6mb
MAF 42.44 308 eP 23 44.80 -0.3
0.8s 5.25nm 4.3mb
CAF 42.68 306 iPc 23 47.80 0.7
0.9s 8.50nm 4.5mb
TCF 42.69 308 iPc 23 47.40 0.2
0.8s 9.40nm 4.6mb
PAND 42.94 302 P 23 51.01 1.5X
RJF 43.09 307 iPc 23 51.10 0.7
0.9s 16.70nm 4.8mb
LSF 43.16 308 eP 23 50.90 -0.1
LPO 43.29 306 iPc 23 52.70 0.7
0.7s 6.50nm 4.5mb
CHTO 43.33 93 eP 23 52.00 -0.7
ZAK 43.45 46 eP 23 54.00 0.9
1.3s 8.00nm 4.3mb
LFF 43.62 306 iPc 23 55.40 0.8
0.7s 22.15nm 5.0mb
EPF 43.84 303 eP 23 56.20 -0.4
0.8s 6.05nm 4.4mb
BTH 44.24 303 iPd 23 47.00 -12.7X
e 24 02.50
MFF 44.34 308 iPc 24 00.40 -0.1
0.9s 17.05nm 4.8mb
LDF 44.51 311 iPc 24 01.40 -0.4
0.5s 10.15nm 4.9mb
KMI 44.56 83 eP 24 01.60 -1.2
1.0s 10.00nm 4.6mb
pP 24 10.60 30kmX
FLN 44.76 311 iPc 24 03.40 -0.5
0.8s 19.90nm 5.0mb
GRR 44.98 311 iPc 24 05.40 -0.2
0.7s 16.30nm 5.0mb

LPF 45.06 310 iPc 24 05.90 -0.4
0.7s 14.45nm 5.0mb
EKA 47.34 320 P 24 23.00 -1.1
0.3s 4.50nm 4.9mb
KIC 58.47 259 P 25 46.89 -0.3
0.8s 14.00nm 5.1mb
TIC 58.57 259 P 25 47.51 -0.4
0.7s 11.00nm 5.1mb
LIC 58.79 259 P 25 48.93 -0.5
0.7s 18.50nm 5.3mb
YSS 69.47 47 eP 26 58.20 -0.5
MBC 74.87 358 eP 27 30.50 0.3
ILT 76.14 18 iPd 27 37.60 0.0
FRB 76.65 337 eP 27 41.50 1.0
INK 82.86 2 eP 28 15.00 1.3
IMA 83.09 10 eP 28 15.68 0.5
0.6s 1.68nm 4.3mb
FBA 85.05 9 eP 28 25.32 0.4
1.1s 1.05nm 3.9mb
TTA 85.56 13 eP 28 28.90 1.3
1.0s 4.10nm 4.6mb
PWA 87.83 11 eP 28 40.20 1.6
WRA 92.60 111 P 29 01.90 0.5
0.6s 0.70nm 4.3mb
WB2 92.61 111 eP 29 01.60 0.1
1.0s 2.20nm 4.5mb
S.D. = 0.7 on 72 of 80 obs.

JUN 21, 1994 05h 11m 45.71± 0.61s
62.746 N ± 6.2km 151.137 W ± 6.9km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 2.3 (PMR).

PWA 1.25 151 eP 12 08.10 1.2
PMR 1.49 140 eP 12 08.99 -1.5
CP2 1.58 200 eP 12 12.40 0.5
PMS 1.68 153 eP 12 13.60 0.4
TTA 2.24 277 eP 12 20.10 -1.2
SLKM 2.29 169 eP 12 21.99 0.1
TOA 2.40 103 eP 12 23.00 -0.6
FBA 2.62 33 eP 12 26.74 0.1
SVW 2.68 234 eP 12 27.70 0.2
KLU 2.76 115 (P) 12 25.73 -2.8X
IMA 3.51 343 eP 12 40.30 0.9
S.D. = 1.0 on 10 of 11 obs.

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* JUN 21, 1994 05h 14m 00.25± 0.66s
17.643 S ±12.7km 167.887 E ±12.9km
DEPTH = 33.0km (normal)
4.5mb (6 obs.)
VANUATU ISLANDS (186)

BKM 0.34 94 iPd 14 07.60 -1.0
iS 14 20.00
DZM 4.61 197 iPc 15 09.20 -0.3
iS 15 59.20
NOUC 4.68 198 iPc 15 10.30 -0.1
iS 16 00.10
CNB 24.11 220 iPd 19 16.20 2.2
0.2s 4.00nm 4.6mb
STKA 27.67 234 iPc 19 47.40 0.1
2.2s 17.40nm 4.3mb
WB2 31.80 260 eP 20 22.80 -1.4
0.6s 2.80nm 4.3mb
ASPA 32.31 254 iPd 20 26.90 -1.7
0.5s 10.50nm 5.0mb
CSY 61.09 203 iPc 24 22.90 9.8X
0.6s 7.10nm 5.0mb
SPA 72.47 180 iPc 25 25.20 -0.2
0.9s 1.36nm 3.9mb
GEC2 142.49 332 PKP 33 32.70 1.1
0.9s 1.04nm
CDF 145.48 337 ePKP 33 34.90 -1.8
0.9s 20.45nm
BSF 146.14 337 ePKP 33 37.80 0.0
0.8s 5.65nm
HAU 146.16 338 ePKP 33 37.50 -0.2
0.9s 9.15nm
LBF 147.87 339 ePKP 33 44.90 4.4X
0.8s 7.80nm
SSF 147.96 340 ePKP 33 42.00 1.4
1.0s 9.40nm
LPG 148.08 335 ePKP 33 43.10 1.9
1.0s 6.00nm
SMF 148.21 339 ePKP 33 45.50 4.5X
0.9s 9.15nm

AVF 148.25 340 ePKP 33 45.60 4.6X
1.0s 9.00nm
MAF 149.01 340 ePKP 33 47.40 5.1X
CAF 150.32 339 ePKP 33 55.60 11.2X
0.9s 5.90nm
S.D. = 1.4 on 14 of 20 obs.

? JUN 21, 1994 05h 23m 56.22± 5.46s
17.562 N ±43.8km 66.319 W ±11.9km
DEPTH = 10.0km (geophysicist)
PUERTO RICO REGION (90)

SJG 0.57 16 iP 24 06.90 -0.9
S 24 14.00
CLLP 0.57 335 P 24 08.20 0.4
CPD 0.61 39 P 24 08.00 -0.5
LPR 0.86 30 P 24 14.00 1.2
MGP 0.86 301 P 24 12.60 -0.1
S.D. = 1.2 on 5 of 5 obs.

? JUN 21, 1994 06h 03m 50.35± 2.92s
6.997 N ±39.4km 104.371 W ±15.8km
DEPTH = 10.0km (geophysicist)
4.3mb (3 obs.)
EAST CENTRAL PACIFIC OCEAN (693)

LTX 22.23 2 eP 08 49.58 0.6
TUC 25.88 347 eP 09 24.43 0.2
GLA 27.68 341 eP 09 40.51 -0.2
MEO 28.16 10 iPd 09 44.50 -0.4
PLM 28.67 338 eP 09 49.66 -0.1
MIAR 29.17 18 eP 09 53.31 -0.7
1.2s 7.84nm 4.4mb
TUL 29.83 14 iPd 10 06.00 6.1X
PV10 31.52 353 eP 10 14.29 -0.9
ARUT 31.74 346 eP 10 17.95 1.0
MSU 32.16 348 eP 10 21.06 0.4
SRU 32.45 351 eP 10 23.36 0.2
PRM 33.76 34 (P) 10 33.50 -0.9
DAU 33.84 351 eP 10 35.56 0.2
HBF 34.09 38 (P) 10 38.70 1.5
BW06 35.93 353 eP 10 52.38 -0.8
1.0s 6.64nm 4.5mb
LRM 39.31 351 eP 11 21.60 0.1
NEW 42.53 347 eP 11 47.68 0.0
0.9s 3.11nm 4.0mb
INK 64.24 348 eP 14 27.00 -0.5
MBC 69.70 356 eP 15 02.00 0.2
WRA 121.74 251 PKP 22 38.80 -8.3X
0.8s 0.20nm
S.D. = 0.7 on 18 of 20 obs.

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* JUN 21, 1994 06h 08m 12.84± 1.42s
19.270 S ±16.1km 69.217 W ±12.6km
DEPTH = 143.2 ± 10.9 km
4.8mb (2 obs.)
NORTHERN CHILE (123)
Felt (II) at Arequipa, Peru.

LPB 2.92 22 iPc 09 01.30 1.3
1.1s 670.89nm
LPAZ 3.14 19 iPc 09 03.10 0.1
CCH 3.48 58 Pc 09 06.40 -0.7
ARE 3.53 322 iPc 09 05.50 -2.3
iS 09 44.00
MOCB 3.89 121 P 09 14.90 2.2
NNA 10.31 313 eP 10 38.50 0.2
eS 12 22.70
UFRS 19.61 127 eP 12 30.50 -1.8
BAO 20.57 83 eP 12 40.40 -1.8
i 12 44.00
SOB1 29.17 74 eP 14 03.20 0.3
ITR 31.59 75 eP 14 24.00 -0.2
TUL 60.38 335 iPc 18 10.10 1.1
KDS 64.45 65 iPd 18 36.30 -0.1
KIC 68.38 75 (P) 19 01.00 -0.3
0.6s 11.50nm 4.9mb
JAQ 72.98 356 eP 19 28.00 -0.1
ULM 73.11 342 eP 19 32.50 3.5X
YKA 89.00 341 eP 20 54.20 2.1
0.7s 6.10nm 4.8mb
WRA 134.70 212 PKP 27 11.20 -5.6X
0.7s 0.30nm
S.D. = 1.5 on 15 of 17 obs.

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* JUN 21, 1994 06h 55m 26.18± 0.96s
5.537 S ±13.9km 147.126 E ±14.6km

DEPTH = 184.2 ± 10.5 km
4.4mb (3 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

LAT 1.13 186 iPd 55 56.40 0.9
YYYY 1.35 239 iPc 55 58.00 0.4
MDG 1.37 282 eP 55 57.00 -0.6
PMG 3.84 180 eP 56 25.00 -1.0
eS 57 11.00
KVG 4.70 52 eP 56 37.00 0.0
WB2 18.96 220 iPc 59 35.00 -0.8
0.8s 5.30nm 4.1mb
eS 03 00.30
iPcP 03 09.40
ASPA 22.07 214 iPd 00 08.10 1.2
0.6s 22.40nm 4.8mb
iS 03 58.00
STKA 26.71 191 eP 01 00.20 9.9X
0.9s 7.40nm 4.4mb
S.D. = 1.2 on 7 of 8 obs.

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* JUN 21, 1994 07h 10m 26.82± 0.93s
52.095 N ±16.6km 163.977 E ±14.1km
DEPTH = 33.0km (normal)
4.1mb (6 obs.)
OFF EAST COAST OF KAMCHATKA (219)

SMY 6.23 80 eP 11 59.64 0.8
eS 13 06.66
SVW 23.63 52 eP 15 38.40 2.9X
0.4s 3.20nm 4.2mb
TTA 23.65 47 eP 15 36.43 0.7
1.4s 9.58nm 4.1mb
IMA 25.24 40 eP 15 50.81 -0.2
0.8s 5.39nm 4.2mb
FBA 27.49 44 eP 16 11.41 -0.1
0.7s 0.59nm 3.4mb
INK 33.23 37 eP 17 03.00 0.7
MBC 37.04 23 eP 17 34.50 -0.2
SRU 57.85 66 eP 20 17.22 -0.4
KAF 61.31 339 iP 20 43.60 2.8X
NUR 63.10 339 eP 20 55.00 2.2X
NB2 65.13 346 P 21 06.50 0.4
0.7s 0.80nm 3.9mb
WMOK 67.52 62 eP 21 19.49 -2.2
0.7s 1.53nm 4.2mb
LTX 68.81 69 (P) 21 29.52 -0.3
WRA 76.25 209 P 22 14.19 0.6
ASPA 79.90 208 P 22 40.40 6.8X
S.D. = 1.0 on 11 of 15 obs.

? JUN 21, 1994 07h 16m 34.35± 1.21s
39.163 N ± 9.1km 27.615 E ±14.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.81 200 ePg 16 50.00 -0.1
eSg 17 02.70
EDC 1.20 9 ePn 16 55.50 -1.2
EZN 1.20 304 ePn 16 57.00 0.4
KCT 1.23 28 ePn 16 58.10 0.9
S.D. = 1.5 on 4 of 4 obs.

? JUN 21, 1994 07h 18m 20.04± 1.22s
39.137 N ± 8.8km 27.724 E ±14.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.82 206 ePg 18 35.90 -0.1
eSg 18 48.70
EDC 1.21 5 ePn 18 42.00 -0.6
KCT 1.21 24 ePn 18 43.10 0.5
EZN 1.28 303 ePn 18 44.00 0.2
S.D. = 0.8 on 4 of 4 obs.

& JUN 21, 1994 07h 23m 40.95s
38.839 N 122.816 W
DEPTH = 1.9km
NORTHERN CALIFORNIA (36)
<GM-P>. MD 3.1 (GM). ML 3.1
(GS). Felt.

GACM 0.05 313 P 23 42.02 -0.1
GPMM 0.10 275 P 23 43.20 0.2
GAXM 0.14 160 P 23 43.74 0.1
GCVM 0.17 246 P 23 44.84 0.5
GMCM 0.25 259 P 23 46.22 0.3
GMOM 0.29 243 P 23 49.18 2.5
NMTM 0.29 96 P 23 47.12 0.3
GCWM 0.35 325 P 23 48.25 0.2
NTYM 0.46 165 eP 23 50.15 -0.1
GWRM 0.53 314 P 23 51.61 0.1
GGUM 0.53 272 P 23 52.04 0.4
NTBM 0.60 189 P 23 53.63 0.8
LOC 0.69 173 P 23 55.04 0.3
NDHM 0.71 96 P 23 56.65 1.5
KRKM 0.78 339 P 23 57.14 0.7
CPIM 0.97 151 P 24 00.47 0.3
HMR 1.05 130 eP 24 01.73 0.2
JPRM 1.08 165 P 24 02.79 0.8
JSBM 1.20 164 P 24 04.92 0.8
LKC 1.25 151 P 24 06.47 1.6
ORV 1.25 55 eP 24 03.20 -1.7
APRM 1.25 88 P 24 04.11 -0.8
JEGM 1.35 168 eP 24 05.68 -1.0
AODM 1.65 97 P 24 11.13 0.1
WDC 1.75 7 eP 24 13.15 0.6
ARN 1.80 145 eP 24 11.93 -1.4
COE 1.82 150 eP 24 12.15 -1.4
KMPM 1.87 328 eP 24 18.49 4.1
LMEM 1.95 29 eP 24 15.12 -0.5
CMB 2.07 112 eP 24 15.77 -1.5
SAO 2.34 152 P 24 22.08 1.0
LBFM 2.60 16 (P) 24 23.92 -1.1
MEMM 3.27 110 eP 24 34.87 0.7
PKEM 3.51 141 (P) 24 39.01 1.3
BONR 3.65 103 eP 24 39.99 0.0
KVN 3.68 85 (P) 24 39.11 -1.2
ISA 4.70 131 eP 24 54.15 -0.4
TPNV 5.53 108 (Pn) 25 04.31 -2.2
GSC 5.96 124 (P) 25 13.29 0.8
MSU 8.33 89 ePn 25 44.89 -1.0
40 obs. associated

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* JUN 21, 1994 08h 31m 45.76± 1.09s
43.175 S ±19.7km 171.374 E ±11.3km
DEPTH = 33.0km (normal)
4.5mb (5 obs.) 4.2Msz (1 obs.)
SOUTH ISLAND, NEW ZEALAND (162)

SNZO 3.10 54 P 32 34.00 0.6
eS 33 13.00
RIV 18.33 294 eP 35 59.70 0.7
eTT 52 51.00
CNB 18.73 287 eP 36 05.20 1.2
eTT 52 15.00
CAN 18.99 287 eP 36 09.30 2.2
eTT 53 00.00
TOO 20.46 277 iPd 36 23.20 0.1
0.7s 22.00nm 4.6mb
eTT 53 28.00
DZM 21.44 347 iPc 36 37.90 4.6X
STKA 26.04 286 iPc 37 17.10 -0.5
ASPA 36.44 290 iPc 38 47.40 -1.9
0.9s 14.10nm 4.9mb
Z 19s 0.40um 4.2Msz
eS 43 30.10
WB2 38.68 295 eP 39 06.50 -1.7
0.6s 7.40nm 4.7mb
WRA 38.69 295 P 39 07.10 -1.1
0.5s 2.00nm 4.2mb
SPA 47.01 180 eP 40 16.00 0.5
0.8s 2.92nm 4.3mb
OBN 148.66 308 ePKP 51 31.00 4.8X
KAF 152.09 325 iPKP 51 29.50 -1.7X
NUR 153.52 322 ePKP 51 38.00 4.8X
S.D. = 1.5 on 10 of 14 obs.

JUN 21, 1994 08h 50m 23.35± 0.23s
15.690 S ± 5.7km 167.255 E ± 7.0km
DEPTH = 29.1km (4 depth phases)
5.0mb (11 obs.) 4.7Msz (3 obs.)
VANUATU ISLANDS (186)

BKM 2.18 154 iP 51 00.00 1.6
DZM 6.39 187 iPc 51 56.90 -1.2
iS 53 07.50
NOUC 6.44 188 iPc 51 58.10 -0.6
iS 53 08.20
HNR 9.46 310 eP 52 41.00 0.2
eS 54 30.00
SVA 10.99 104 ePc 53 13.30 11.5X
STKA 28.37 231 eP 56 17.70 0.5
0.8s 7.20nm 4.4mb
i 59 27.70
WRA 31.59 257 P 56 44.50 -1.5
0.6s 1.00nm 3.9mb X
ASPA 32.33 250 iPd 56 50.80 -1.7
0.8s 30.60nm 5.3mb
Z 22s 1.50um 4.6Msz
WARB 39.20 248 eP 57 51.00 0.1
WOOL 44.22 241 iPc 58 32.10 0.3
MBL 45.19 256 eP 58 40.00 0.2
BAG 56.02 303 eP 00 01.00 -1.3
LEM 58.99 271 ePd 00 24.00 0.6
CSY 62.65 202 iPc 00 57.40 10.2X
0.7s 9.40nm
i 01 06.30 29km
YSS 66.20 342 ePc 01 10.00 -0.4
BJI 73.00 321 eP 01 52.50 0.2
1.5s 17.00nm 4.8mb
Z 24s 0.58um 4.8MszX
SPA 74.41 180 iPc 02 00.10 -0.2
0.7s 5.86nm 4.7mb
KMI 74.80 302 P+ 02 04.00 0.6
1.0s 40.00nm 5.4mb
pP 02 13.00 29km
CHTO 75.46 295 eP 02 07.00 0.0
LZH 78.95 312 P 02 27.50 1.2
1.5s 93.00nm 5.6mb
Z 25s 0.37um 4.6MszX
pP 02 37.00 30km
CIT 81.86 330 eP 02 42.00 0.9
SVW 82.06 17 eP 02 39.11 -3.0X
0.9s 14.64nm 5.0mb
YAK 82.92 343 iPc 02 46.00 -0.4
SLKM 83.24 20 (P) 02 44.48 -3.7X
TTA 83.44 16 (P) 02 48.94 -0.3
ILT 83.98 5 iPd 02 51.20 -0.5
1.8s 35.00nm 5.3mb
e 03 00.30 29km
ZAK 86.32 325 ePc 03 03.70 0.0
1.3s 65.00nm 5.7mb
FBA 87.27 18 eP 03 05.03 -3.0X
0.8s 1.27nm 4.2mb
GSC 87.89 53 (P) 03 12.74 0.9
GMW 88.51 40 eP 03 13.66 -0.7
TPNV 88.89 51 eP 03 15.65 -1.0
RMW 89.08 40 eP 03 16.08 -1.1
TUC 91.66 57 (P) 03 30.32 0.8
NEW 92.30 40 eP 03 30.85 -1.2
0.7s 1.29nm 4.5mb
GBA 93.43 283 P 03 39.00 1.2
PV08 95.12 52 (P) 03 43.62 -2.0
RES 107.10 16 ePKP 08 46.50 -0.9
FRB 118.78 25 ePKP 09 09.00 -0.9
0.9s 3.00nm
KIV 125.49 313 (PKP) 09 22.30 -1.3
1.2s 12.00nm
OBN 125.49 328 ePKP 09 25.00 1.9X
1.0s 34.00nm
NB2 131.54 345 PKP 09 33.60 -1.0
0.8s 2.80nm
HFS 131.63 343 ePKP 09 34.00 -0.7
0.4s 1.00nm
UZH 136.41 326 ePKP 09 47.50 3.4X
1.0s 31.00nm
e 10 01.70
BRG 138.87 334 ePKP 09 43.80 -4.8X
KHC 140.33 333 ePKP 09 51.00 -0.4
e 10 05.00
e 12 39.00
GEC2 140.49 332 PKP 09 44.00 -7.8X
0.8s 1.45nm
e 09 50.20
e 09 53.60
GRF 140.89 335 (PKP) 09 50.00 -2.3X
Z 24s 0.10um 4.5MszX
SOB1 142.73 130 ePKP 09 51.40 -5.2X
CDF 143.45 337 ePKP 09 53.90 -3.0X
0.9s 25.20nm
LLS 144.04 334 ePKPc 09 55.60 -2.5X
BSF 144.12 337 ePKP 09 55.10 -3.0X
0.7s 13.80nm
HAU 144.13 338 ePKP 09 55.40 -2.6X
0.9s 34.25nm
Z 24s 0.10um 4.5MszX
VDL 144.14 334 ePKPc 09 56.30 -2.0
APL 144.28 335 ePKPc 09 56.30 -2.1

TMA 144.69 334 ePKPc 09 57.60 -1.6
ITR 144.83 132 ePKP 09 57.60 -2.6X
i 09 58.50
MMK 145.12 334 ePKPc 09 59.70 -0.4
DIX 145.32 335 ePKPc 10 00.40 0.0
FLN 145.52 346 ePKP 09 59.70 -0.6
0.8s 106.10nm
LDF 145.59 345 ePKP 09 59.90 -0.5
0.9s 102.85nm
LOR 145.63 340 ePKP 10 00.60 0.0
1.0s 115.20nm
Z 22s 0.17um 4.8Msz
LBF 145.84 339 ePKP 10 01.40 0.4
1.0s 158.00nm
SSF 145.93 340 ePKP 10 01.80 0.7
1.2s 169.00nm
LSD 145.93 335 PKP 10 01.87 0.4
GRR 145.96 346 ePKP 10 01.50 0.4
1.1s 203.15nm
RSL 145.96 335 PKP 10 01.75 0.4
LPL 146.06 335 ePKP 10 02.50 0.9
0.8s 41.10nm
PCP 146.06 332 PKP 10 02.10 0.6
LPG 146.06 335 ePKP 10 03.00 1.3
1.0s 64.40nm
RSP 146.14 334 PKP 10 03.93 2.3X
SMF 146.18 339 ePKP 10 02.80 1.3
0.9s 90.10nm
AVF 146.22 340 ePKP 10 02.90 1.4
0.9s 65.20nm
LPF 146.33 346 ePKP 10 02.70 1.0
1.1s 103.55nm
BHB 146.38 334 PKP 10 02.97 1.0
FIN 146.47 332 PKP 10 02.28 0.2
RRL 146.52 334 PKP 10 03.24 0.8
ROB 146.56 333 PKP 10 02.10 -0.2
BGF 146.59 340 ePKP 10 03.40 1.2
0.8s 56.95nm
GRN 146.68 336 PKP 10 04.04 1.6X
PZZ 146.72 334 PKP 10 03.52 0.9
STV 146.84 333 PKP 10 03.33 0.6
PLDF 146.84 339 PKP 10 04.48 1.8X
SURF 146.86 334 PKP 10 05.16 2.2X
AGO 146.94 340 PKP 10 04.48 1.7
MAF 146.98 340 ePKP 10 04.80 2.0X
1.0s 57.80nm
TCF 147.03 341 ePKP 10 04.70 1.8X
1.0s 45.20nm
SBF 147.09 333 ePKP 10 05.80 2.7X
0.9s 96.65nm
PYM 147.24 339 PKP 10 05.62 2.3X
LSF 147.28 342 ePKP 10 05.10 1.8X
0.8s 52.40nm
BCAO 147.29 253 iPKPd 10 05.00 0.7
1.1s 55.00nm
PGF 147.37 329 ePKP 10 05.60 1.9X
0.9s 56.00nm
MFF 147.44 344 ePKP 10 05.60 2.1X
0.8s 66.60nm
LBL 147.61 339 PKP 10 06.94 3.0X
RJF 148.13 341 ePKP 10 06.40 1.7X
1.0s 57.80nm
Z 21s 0.10um 4.6Msz
CAF 148.29 340 ePKP 10 06.80 1.8X
1.0s 39.40nm
LFF 148.70 341 ePKP 10 09.20 3.6X
0.8s 27.00nm
LPO 148.79 341 ePKP 10 09.60 3.9X
0.8s 27.25nm
EPF 150.54 340 ePKP 10 13.20 4.7X
1.2s 19.05nm
EGRA 151.50 340 ePKP 10 17.44 7.6X
EMON 151.96 352 ePKP 10 17.80 7.2X
STS 152.66 353 ePKP 10 18.92 7.4X
0.8s 0.04nm
GUD 154.04 345 ePKP 10 14.80 1.1
0.7s 0.03nm
KIC 167.85 221 (PKP) 10 30.46 1.7X
0.9s 8.50nm
S.D. = 1.0 on 66 of 103 obs.

? JUN 21, 1994 08h 52m 15.20± 1.00s
40.643 N ± 7.4km 22.973 E ± 8.1km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 1.3 (THE).

THE 0.01 209 ePg 52 16.26 0.0
eSg 52 17.14
SOH 0.34 58 ePg 52 21.98 -0.1
eSg 52 26.70
KNT 0.52 354 ePg 52 25.82 0.2
eSg 52 33.26
GRG 0.54 306 iPg 52 25.78 -0.1
S.D. = 0.2 on 4 of 4 obs.

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* JUN 21, 1994 10h 01m 15.96± 3.83s
32.568 S ±15.8km 69.113 W ±18.2km
DEPTH = 174.6 ± 41.6 km
MENDOZA PROVINCE, ARGENTINA (139)
MD 3.9 (SAN).

ZON 1.08 20 iPd 01 44.10 0.0
eS 02 03.10
FCH 1.25 232 iP+ 01 45.57 -0.3
iS 02 06.42
JACH 1.25 264 iPd 01 45.94 0.3
iS 02 06.12
PEL 1.44 246 iPd 01 47.33 0.0
iS 02 08.30
SAN 1.57 235 iP 01 48.46 -0.1
iS 02 10.45
PCH 1.58 228 iP+ 01 48.63 0.0
iS 02 10.85
ROCH 1.65 255 iP+ 01 49.41 -0.1
iS 02 13.14
TACH 1.88 234 iP+ 01 51.63 -0.1
iS 02 16.71
CHCH 1.88 223 iP+ 01 51.71 0.0
iS 02 16.51
CACH 1.98 218 iP+ 01 53.41 0.4
iS 02 19.99
LCCH 2.25 246 iPd 01 55.98 0.1
iS 02 22.96
LNV 2.37 234 iP 01 56.94 -0.3
iS 02 25.43
S.D. = 0.2 on 12 of 12 obs.

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* JUN 21, 1994 10h 06m 22.22± 1.69s
51.096 N ±18.3km 15.869 E ± 9.9km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 2.3 (CLL).

BRG 1.24 260 iPg 06 45.20 0.0
iSg 07 05.40
PRU 1.40 218 ePn 06 47.20 -0.5
0.4s 20.10nm
Pg 06 49.70
Sn 07 07.00
eSg 07 12.90
CLL 1.82 278 iPg 06 53.70 0.0
iSg 07 19.30
OKC 1.92 130 eP 06 55.30 0.0
Sg 07 21.90
KHC 2.46 218 ePn 07 03.50 0.5
Pg 07 09.40
eSn 07 37.00
eSg 07 47.50
e 07 52.50
MOX 2.73 262 ePg 07 13.10 6.2X
iSg 07 52.70
S.D. = 0.5 on 5 of 6 obs.

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* JUN 21, 1994 10h 22m 59.71± 2.62s
37.670 N ±20.9km 20.850 E ±24.5km
DEPTH = 5.0km (geophysicist)
IONIAN SEA (399)
ML 3.7 (TIR), 3.5 (ATH), 3.4
(THE).

VLS 0.55 338 ePb 23 11.00 0.3
VLI 1.92 119 ePn 23 33.00 -0.3
KEK 2.20 338 ePg 23 41.90 4.5X
ATH 2.29 82 ePn 23 39.50 0.8
eSn 24 08.00
KZN 2.73 15 ePn 23 44.00 -1.1
KBN 2.95 359 ePn 23 49.00 0.9
OHR 3.44 359 ePn 23 54.50 -0.6
S.D. = 1.0 on 6 of 7 obs.

? JUN 21, 1994 11h 43m 27.09± 1.03s
12.759 N ±25.5km 125.389 E ±40.6km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
SAMAR, PHILIPPINE ISLANDS (251)

CVP 6.00 325 eP 44 56.00 0.0
LAT 28.87 131 eP 49 25.00 -0.1
WRA 33.67 165 P 50 08.20 1.0
0.7s 5.60nm 4.6mb
WB2 33.67 165 iPc 50 07.80 0.5
0.4s 2.20nm 4.4mb
iPcP 51 42.90
ASPA 37.15 167 eP 50 35.40 -1.4
0.8s 9.10nm 4.7mb
WARB 38.73 178 iPd 50 46.10 -3.9X
0.4s 13.00nm 5.1mb
S.D. = 1.3 on 5 of 6 obs.

? JUN 21, 1994 11h 48m 05.73± 0.99s
39.059 N ± 8.0km 27.292 E ±13.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.66 182 ePg 48 18.80 -0.1
eSg 48 30.80
EZN 1.07 316 ePn 48 26.00 0.1
EDC 1.36 19 ePn 48 30.00 -0.7
KCT 1.45 34 ePn 48 32.70 0.8
S.D. = 1.0 on 4 of 4 obs.

JUN 21, 1994 12h 20m 05.88± 1.09s
6.809 N ± 7.6km 73.114 W ±11.5km
DEPTH = 175.9 ± 12.1 km
4.3mb (11 obs.)
NORTHERN COLOMBIA (99)

BOG 2.37 204 iPd 20 47.50 -0.1
iS 21 18.00
PSO 6.98 217 eP 21 47.00 -0.1
LPAZ 23.47 168 P 25 01.00 -0.6
LPB 23.72 168 P 25 04.50 0.8
GOGA 28.16 341 eP 25 44.31 0.6
0.5s 3.07nm 4.3mb
JSC 28.35 346 eP 25 45.87 0.4
MIAR 33.44 328 eP 26 29.29 -0.7
0.7s 3.85nm 4.2mb
TUL 35.65 328 iPd 26 48.20 -0.5
LTX 36.47 312 eP 26 55.65 -0.2
WMOK 36.49 323 eP 26 54.58 -1.3
0.7s 7.40nm 4.5mb
e 27 28.35
LBNH 37.30 1 eP 27 02.88 0.4
0.7s 7.96nm 4.5mb
e 27 35.87
LMN 39.55 9 eP 27 21.50 0.3
0.8s 8.00nm 4.4mb
TUC 43.26 311 eP 27 53.02 1.3
0.7s 4.24nm 4.1mb
GOL 43.71 323 eP 27 55.76 0.3
0.6s 8.81nm 4.5mb
PV10 45.18 319 eP 28 06.96 -0.2
PV09 45.31 320 eP 28 08.69 0.4
SRU 46.55 319 eP 28 17.86 -0.1
e 28 48.04
JAQ 46.90 358 eP 28 20.00 -0.2
ULM 47.30 340 eP 28 25.00 1.7
MSU 47.32 318 eP 28 24.26 0.3
DAU 47.75 320 eP 28 27.50 0.1
BW06 48.10 324 eP 28 29.45 -0.4
0.9s 6.80nm 4.2mb
GSC 49.07 312 eP 28 37.51 0.2
TPNV 49.38 314 eP 28 40.52 0.8
e 29 14.64
BONR 51.29 314 eP 28 54.82 0.4
LRM 51.59 326 eP 28 56.80 0.3
LBFM 55.23 316 eP 29 22.34 -0.8
DPW 56.00 325 eP 29 26.87 -1.5
FRB 56.93 2 eP 29 33.00 -1.5
YKA 63.28 340 eP 30 16.90 -0.7
0.6s 10.90nm 4.9mb
INK 73.04 340 eP 31 18.00 0.2
0.9s 2.00nm 3.8mb
MBC 73.82 350 eP 31 22.50 0.3
0.8s 5.00nm 4.3mb
ASPA 149.11 234 ePKP 39 35.00 3.9X
1.0s 7.80nm
WB2 150.33 241 iPKPc 39 38.20 5.2X
0.4s 6.50nm

S.D. = 0.8 on 32 of 34 obs.

% JUN 21, 1994 12h 37m 59.81± 0.66s
26.366 S ± 5.9km 27.481 E ± 6.9km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.6 (PRE).

PRY 0.56 181 eP 38 10.60 -0.4
S 38 18.00
KSR 0.72 313 eP 38 14.00 -0.3
S 38 23.00
SLR 0.96 49 eP 38 17.90 -0.7
S 38 29.50
SEK 1.95 176 eP 38 34.70 0.6
S 38 59.20
SWZ 2.09 247 eP 38 37.00 0.9
S 39 03.00
BFT 2.40 74 eP 38 41.50 0.8
S 39 10.00
BOSA 2.89 219 eP 38 47.80 0.4
S 39 24.50
BLF 2.96 202 eP 38 47.20 -1.3
S 39 24.50
S.D. = 1.0 on 8 of 8 obs.

% JUN 21, 1994 14h 48m 34.92± 0.92s
26.892 S ± 9.7km 26.788 E ± 8.8km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.8 (PRE).

BFS 0.01 204 eP 48 35.70 -0.3
S 48 36.20
SWZ 1.34 257 eP 49 00.10 -0.1
S 49 19.90
SEK 1.61 153 eP 49 04.30 0.1
S 49 24.90
SLR 1.77 50 eP 49 06.50 0.0
S 49 29.20
BOSA 2.10 215 eP 49 11.30 0.1
S 49 38.70
S.D. = 0.2 on 5 of 5 obs.

? JUN 21, 1994 19h 01m 55.23± 1.19s
14.058 N ±19.6km 132.474 E ±13.9km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
PHILIPPINE SEA (241)

GUMO 12.05 91 Pn 04 47.40 -0.2
Pg 04 48.90
eS 05 09.10
PJG 12.05 91 Pn 04 47.50 -0.1
GUA 12.10 91 Pg 04 48.70 0.4
eS 05 08.50
WB2 33.84 177 eP 08 34.70 -2.1X
1.3s 3.20nm 4.1mb
ASPA 37.52 178 eP 09 08.00 -0.1
1.7s 7.60nm 4.3mb
WARB 40.40 188 eP 09 48.10 16.1X
0.5s 3.00nm
MBC 80.68 13 eP 14 04.50 -1.5
RES 86.67 11 eP 14 38.00 1.5
0.9s 2.00nm 4.3mb
LPAZ 159.99 99 PKP 21 46.70 -7.0X
S.D. = 1.3 on 6 of 9 obs.

JUN 21, 1994 19h 04m 32.67± 0.31s
46.001 N ± 3.6km 12.261 E ± 2.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.0 (VIE), 3.0 (LDG), 2.9
(FUR). MD 3.0 (TRI).

TRI 1.09 105 iPgd 04 53.30 0.2
iSg 05 08.60
SCE 1.10 340 iPgd 04 53.40 -0.1
VOY 1.14 88 e(Pn) 04 53.00 -1.0
i 04 53.40
OGA 1.22 316 iPgd 04 56.20 0.7
KBA 1.31 34 iPgd 04 56.30 -0.7
iSg 05 12.30
WTTA 1.33 341 iPgd 04 58.20 0.8
iSg 05 15.70
WATA 1.42 341 iPgc 04 59.40 0.8
iSg 05 17.40
SQTA 1.42 330 iPgc 04 59.50 0.9
iSg 05 17.90
CEY 1.54 99 ePn 05 00.10 -0.1
eSn 05 20.60
MOTA 1.56 330 iPgc 05 03.20 2.5X
iSg 05 23.80
LJU 1.58 88 ePn 05 01.50 0.7
eSn 05 21.40
eSn 05 21.50
iSg 05 22.50
eSg 05 22.60
OSS 1.62 296 iPc 05 03.80 2.3
RIY 1.63 113 iPnc 05 02.00 0.6
iSn 05 23.30
BHG 1.77 14 iPnd 05 05.40 1.8
VDL 2.00 285 ePd 05 10.60 3.6X
VBY 2.16 102 iPn 05 09.50 0.4
iSn 05 39.40
FUR 2.27 343 iPg 05 15.10 4.3X
TMA 2.36 274 ePc 05 14.90 2.6X
LLS 2.42 292 ePd 05 16.20 3.1X
PTJ 2.58 91 ePn 05 15.10 -0.2
iSn 05 48.30
PCP 3.00 242 P 05 23.18 2.0
GEC2 3.01 18 Pn 05 20.50 -0.8
SLE 3.13 306 ePd 05 24.00 1.0
WET 3.17 7 iPnc 05 22.40 -1.2
KHC 3.26 15 ePn 05 23.70 -1.1
ePg 05 31.50
e 05 40.50
e 05 56.50
e 06 13.00
eSg 06 17.50
FIN 3.38 239 P 05 26.90 0.3
ROB 3.54 243 P 05 29.84 0.9
RSP 3.62 258 P 05 28.53 -1.5
LSD 3.62 263 P 05 28.33 -1.8
BHB 3.71 254 P 05 30.48 -0.7
GRF 3.76 350 e(Pg) 05 43.50 11.6X
e(Sn) 06 15.00
e(Sg) 06 33.50
ENR 3.86 244 P 05 33.27 -0.2
LPG 3.89 265 Pn 05 34.90 0.8
Sn 06 23.40
LPL 3.90 265 Pn 05 34.50 0.4
Sn 06 22.90
STV 3.91 245 P 05 33.59 -0.6
PZZ 3.94 250 P 05 33.59 -1.0
RRL 4.00 256 P 05 35.95 0.4
SBF 4.04 240 Pn 05 36.70 0.8
Sn 06 26.10
CDF 4.17 307 Pn 05 37.10 -0.7
Sn 06 26.80
BSF 4.17 298 Pn 05 35.90 -1.9
Sn 06 25.90
PRU 4.27 20 ePg 06 05.50 26.3X
eSg 06 51.80
HAU 4.51 298 Pn 05 42.00 -0.6
Sn 06 35.10
MOX 4.67 355 ePg 06 36.00 51.2X
iSg 06 59.00
FRF 4.68 241 Pn 05 45.50 0.5
Sn 06 40.00
LMR 4.89 239 Pn 05 47.70 -0.3
Sn 06 45.40
LRG 4.92 241 Pn 05 48.30 0.0
TNS 4.94 330 ePnd 05 49.60 1.0
iSn 06 46.00
BRG 5.00 12 e(P) 06 40.00 50.5X
e 07 08.00
LBF 5.80 283 Pn 06 00.40 -0.5
Sn 07 08.20
SMF 5.87 279 Pn 06 01.40 -0.3
Sn 07 08.10
LOR 5.92 285 Pn 06 01.30 -1.2
Sn 07 09.20
AVF 6.21 280 Pn 06 06.20 -0.4
S.D. = 1.0 on 43 of 52 obs.

JUN 21, 1994 19h 42m 34.43± 0.72s
38.759 N ± 6.5km 22.252 E ± 6.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.3 (THE), 3.0 (ATH).

AGG 0.27 13 iPg 42 41.36 1.2
eSg 42 45.42
LIT 1.35 8 ePb 42 59.08 -0.2
eSb 43 16.82
ATH 1.39 124 ePb 43 02.00 2.1
VLS 1.43 247 ePn 42 54.50 -5.9X
KZN 1.59 347 iPnc 43 02.50 -0.2
PAIG 1.61 43 ePb 43 03.12 0.2
eSb 43 24.36
IGT 1.68 298 ePb 43 02.88 -1.1
eSb 43 24.06
LSK 1.89 318 iPn 43 05.90 -1.2
THE 1.95 16 iPb 43 07.06 -0.8
eSb 43 32.48
OUR 2.07 40 ePn 43 09.92 0.4
SRN 2.07 303 ePn 43 12.90 3.2X
VLI 2.11 165 ePn 43 08.50 -1.7
KEK 2.13 297 ePb 43 11.00 0.5
FNA 2.13 342 ePn 43 09.76 -0.8
eSn 43 35.96
KBN 2.18 329 ePn 43 13.00 1.7
GRG 2.20 3 ePn 43 10.76 -0.8
eSn 43 38.74
SOH 2.23 22 iPn 43 12.10 0.1
eSn 43 38.20
KNT 2.45 11 ePn 43 14.92 -0.2
iSn 43 44.78
VAY 2.57 5 iPn 43 16.40 -0.4
OHR 2.60 335 iPn 43 17.10 -0.2
i 43 53.60
i 43 59.10
VLO 2.73 310 ePn 43 21.00 1.9
TIR 3.17 325 ePn 43 27.00 1.7
SKO 3.27 349 ePn 43 25.00 -1.7
ALN 3.62 53 ePn 43 31.06 -0.6
S.D. = 1.2 on 22 of 24 obs.

& JUN 21, 1994 19h 46m 47.52s
33.229 N 116.257 W
DEPTH = 6.9km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.0 (PAS), 2.9 (GS).

YAQ 0.10 232 P 46 50.38 0.5
CBKC 0.33 179 P 46 53.90 -0.3
LAQC 0.40 357 P 46 55.14 -0.4
MECC 0.45 25 P 46 56.79 0.2
PLM 0.52 284 eP 46 58.16 0.1
FRGC 0.55 17 P 46 58.20 -0.4
PSP 0.61 337 P 46 59.12 -0.7
BAR 0.65 213 P 46 59.70 -0.8
INS 0.71 4 P 47 01.01 -0.7
OLYC 0.75 286 P 47 01.49 -0.9
CPE 0.79 244 P 47 02.03 -1.1
TPC 0.89 11 P 47 04.15 -0.8
CO2 0.98 51 P 47 05.17 -1.2
PEC 1.00 311 eP 47 05.65 -1.2
eS 47 17.82
LTC 1.03 75 P 47 05.46 -1.8
SME 1.09 303 P 47 07.55 -0.8
BTL 1.20 329 P 47 09.92 -0.4
GLA 1.21 98 eP 47 07.35 -3.1
VPD 1.39 295 P 47 13.15 -0.1
CSP 1.41 320 eP 47 11.98 -1.7
SSK 1.55 310 eP 47 14.04 -1.7
PEM 1.64 305 P 47 17.35 0.5
MWC 1.80 304 P 47 18.00 -1.4
HOD 1.80 333 P 47 20.68 1.4
GSC 2.12 348 (P) 47 23.36 -0.5
DTP 2.42 328 P 47 31.84 3.6
TPNV 3.71 0 (Pn) 47 44.57 -2.1
TNP 4.91 351 (Pn) 48 01.33 -2.3
28 obs. associated

* JUN 21, 1994 21h 30m 29.74± 0.61s
24.042 N ± 7.8km 123.616 E ±18.0km
DEPTH = 33.0km (normal)
4.3mb (6 obs.)
SOUTHWESTERN RYUKYU ISLANDS (246)

BBP 3.90 203 eP 31 28.00 -0.8
CVP 6.53 195 eP 32 07.00 1.0
LZH 20.86 310 eP 35 12.00 0.5
1.5s 26.00nm 4.4mb
WRA 44.95 166 P 38 43.20 -0.4
0.6s 1.00nm 3.9mb
INK 72.52 22 eP 41 55.50 0.7
MBC 72.91 13 eP 41 56.50 -0.5
HFS 78.77 331 eP 42 30.20 -0.1

```
     0.8s      7.80nm          4.8mb
NB2    79.38 333 P       42 32.20  -1.5
     0.6s      3.60nm          4.5mb
YKA    82.23  23 eP      42 49.20   0.5
     0.8s      1.50nm          4.1mb
GEC2   84.35 321 PKP     43 00.50   0.5
     0.7s      1.00nm          4.1mb
              e          43 06.50
   S.D. = 0.9  on  10 of  10 obs.
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* JUN  21, 1994  23h 08m 05.89± 0.66s
  65.272 S ±15.3km  178.517 E ±18.8km
  DEPTH =  10.0km  (geophysicist)
  4.7mb (  5 obs.)
 BALLENY ISLANDS REGION          (702)

MRW    24.18 353 P       13 24.00   1.1
SPA    24.87 180 eP      13 31.00   1.3
     1.1s      6.55nm          4.2mb
   Z  16s      1.47um          4.6MszX
TOO    33.79 309 eP      14 55.90   6.2X
     0.8s     21.00nm          5.1mb
CNB    34.66 316 eP      14 57.90   0.6
ASPA   50.46 303 eP      17 05.10  -0.4
     1.3s     12.90nm          4.7mb
WARB   50.84 294 eP      17 08.00  -0.4
WB2    53.74 306 eP      17 26.60  -3.5X
     0.7s      8.10nm          4.8mb
WRA    53.74 306 P       17 29.00  -1.2
     0.8s      5.90nm          4.6mb
MOCB   81.03 122 P       20 21.60  -1.1
LPB    84.47 118 eP      20 47.00   6.7X
LPAZ   84.68 118 P       20 41.00  -0.7
              LR         47 30.00
MBC   146.49  23 ePKP    27 46.00   0.7
     0.8s      5.00nm
RES   150.22  32 ePKP    27 56.00   4.9X
     0.9s      3.00nm
FRB   152.31  62 ePKP    28 03.00   8.5X
     1.0s      6.00nm
OHR   152.67 219 e(PKP)28 02.50    6.7X
   S.D. = 1.1  on   9 of  15 obs.
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? JUN  22, 1994  02h 06m 32.91± 1.35s
  15.798 N ±20.0km   92.529 W ±15.4km
  DEPTH = 186.8 ± 12.8 km
  3.4mb (  1 obs.)
 MEXICO-GUATEMALA BORDER REGION  ( 62)

TPX     0.92 164 iP      07 00.90  -0.1
             iS          07 20.50
SCX     0.94 354 eP      07 01.46   0.4
             iS          07 20.85
OXX     4.22 288 iP      07 37.36  -0.5
             (S)         08 21.50
LVVM    5.41 317 (P)     07 51.48  -1.6
             (S)         08 48.04
IISM    5.61 305 eP      07 56.87   1.2
PPM     6.67 300 eP      08 10.75   0.7
             eS          09 23.50
III     7.11 292 iP      08 15.50  -0.1
             eS          09 33.20
YKA    49.17 347 eP      15 03.50   0.0
     0.8s      1.10nm          3.4mb
   S.D. = 1.1  on   8 of   8 obs.
-------------------------------------
  JUN  22, 1994  04h 10m 04.68± 0.33s
  39.147 N ± 4.0km  119.589 W ± 2.6km
  DEPTH =   5.0km  (geophysicist)
 NEVADA                          ( 37)
    ML 3.5 (GS), 3.6 (BRK). MD 3.5
    (GM). Felt at Carson City,
    Gardnerville and Minden.

AFHM    0.94 264 P       10 22.29  -0.9
MRFM    1.16 219 P       10 24.92  -1.9
ARJM    1.16 247 P       10 25.29  -1.6
KVN     1.16  94 iPn     10 26.73  -0.3
ALAM    1.21 242 P       10 26.22  -1.5
CMB     1.27 210 iPc     10 26.95  -1.9
             iS          10 42.60
ARRM    1.29 253 P       10 27.71  -1.3
AOHM    1.31 281 P       10 28.67  -0.8
AFRM    1.42 256 P       10 30.28  -0.8
MCUM    1.42 215 P       10 29.61  -1.6
ORAM    1.45 283 P       10 31.01  -0.6
MOYM    1.46 212 P       10 30.40  -1.3
OWYM    1.50 282 P       10 31.86  -0.5
ORV     1.54 286 iPc     10 32.30  -0.5
             iS          10 52.30
BONR    1.56 139 ePn     10 33.10  -0.3
MEMM    1.56 161 ePn     10 33.02  -0.1
MGL     1.66 294 P       10 34.99   0.3
NDHM    1.85 259 P       10 37.91   0.6
CWCR    1.93 148 P       10 42.47   3.7X
MIN     1.96 308 eP      10 40.62   1.5
             e           10 40.83
HMR     1.99 241 ePn     10 39.74   0.3
BHPR    2.04 154 P       10 43.86   3.6X
LMEM    2.06 313 (P)     10 40.51  -0.1
GARM    2.08 266 P       10 41.97   1.3
LDBM    2.12 308 P       10 44.25   2.9X
CSTL    2.12 225 P       10 41.84   0.5
TNP     2.14 119 iPn     10 42.39   0.6
MTC     2.19 233 P       10 43.09   0.8
CMMM    2.26 222 P       10 44.38   1.0
CDVM    2.28 227 P       10 43.52   0.0
BGC     2.35 236 P       10 45.36   0.7
ARN     2.36 221 ePn     10 45.08   0.3
GRTM    2.41 266 P       10 46.65   1.2
MSJ     2.42 229 P       10 45.79   0.2
MHC     2.42 223 eP      10 46.04   0.3
             iS          11 18.14
CVR     2.43 226 P       10 46.24   0.6
GBGM    2.43 263 P       10 47.04   1.2
COE     2.50 222 ePn     10 47.39   0.7
BRMM    2.51 203 P       10 48.90   2.1X
GAXM    2.51 261 P       10 47.47   0.7
GHS     2.52 216 P       10 48.59   1.6X
MAC     2.52 257 P       10 48.31   1.4
NTYM    2.52 253 ePn     10 46.31  -0.6
JSTM    2.60 223 P       10 48.70   0.6
LTR     2.64 212 P       10 49.84   1.3
AMC     2.67 223 P       10 51.72   2.7X
JRRM    2.68 220 P       10 51.16   1.8X
WDC     2.68 303 ePn     10 48.83  -0.5
HJSM    2.69 211 P       10 51.04   1.6X
SKG     2.71 262 P       10 51.38   1.7X
NOLM    2.74 247 P       10 50.61   0.5
BLRM    2.81 209 P       10 51.88   0.7
WLHM    3.16 161 P       11 02.35   6.1X
TPNV    3.43 129 ePn     11 01.40   1.3
ELK     3.71  63 ePn     11 02.44  -1.6
GSC     4.43 149 (Pn)    11 14.31   0.1
ARUT    5.01 104 ePn     11 23.12   0.6
DUG     5.33  77 ePn     11 25.63  -1.4
MSU     5.82  94 ePn     11 33.60  -0.4
DAU     6.54  76 ePg     12 11.11  26.8X
SRU     7.05  87 eP      11 52.29   1.0
   S.D. = 1.0  on  50 of  61 obs.
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* JUN  22, 1994  04h 29m 56.55± 1.50s
   5.281 N ± 8.9km  127.002 E ±26.7km
  DEPTH =  85.4 ± 17.6 km
  4.8mb (  3 obs.)
 PHILIPPINE ISLANDS REGION       (248)

BIP     3.02 346 ePd     30 42.00  -1.1
             eS          31 21.80
CTB     3.38 305 ePd     30 47.00  -1.0
CGP     3.90 324 ePd     30 56.00   0.7
             eS          31 45.00
MNI     4.38 210 eP      31 03.00   0.9
             eS          31 53.50
TNE     4.46 176 eP      31 02.00  -1.2
PLP     6.18 341 eP      31 29.00   1.9
WB2    26.09 164 eP      35 26.60   2.5X
     0.9s      6.10nm          4.1mb
BJI    35.95 346 eP      36 50.50  -0.2
     1.6s     34.00nm          5.0mb
STKA   39.48 160 eP      37 21.50   1.2
     0.9s     14.20nm          4.9mb
KAF    90.36 332 eP      42 48.00  -1.2
   S.D. = 1.5  on   9 of  10 obs.
-------------------------------------
? JUN  22, 1994  06h 58m 58.20± 2.21s
  28.754 N ±23.1km   53.051 E ±23.9km
  DEPTH =  10.0km  (geophysicist)
  4.3mb (  5 obs.)
 SOUTHERN IRAN                   (353)

KER     7.54 319 eP      00 52.00   1.0
QASM    8.86 255 ePc     01 09.30   0.0
             eS          02 40.00
UQSK    9.96 255 ePd     01 19.96  -4.5X
             eS          03 04.00
NUR    37.06 337 iP      06 09.50  -0.3
     0.3s      6.50nm          4.9mb
KAF    37.72 340 iP      06 15.50   0.1
     0.3s      1.80nm          4.3mb
HFS    41.05 331 eP      06 41.90  -1.2
     0.4s      3.50nm          4.4mb
NB2    42.57 331 P       06 54.40  -1.2
     0.5s      1.70nm          4.0mb
YKA    88.53 354 eP      11 53.50   1.5
     0.7s      0.50nm          3.9mb
LPAZ  124.75 270 Pdiff 14 31.20  -5.2X
LPB   124.82 269 Pdiff 14 33.40  -3.1X
   S.D. = 1.3  on   7 of  10 obs.
-------------------------------------
? JUN  22, 1994  08h 04m 14.29± 2.27s
  11.028 N ±10.8km   61.929 W ±32.7km
  DEPTH =  33.0km  (normal)
 WINDWARD ISLANDS                ( 95)
    MD 3.0 (TRN).

TCE     0.37 152 iP      04 22.76  -0.3
             eS          04 31.65
TRN     0.64 126 eP      04 27.04   0.2
             eS          04 38.18
TPP     0.85 146 eP      04 30.09   0.3
             eS          04 44.20
TBH     1.00 122 eP      04 31.85  -0.2
             eS          04 49.86
GRW     1.16  13 eP      04 34.27   0.0
             eS          04 53.28
   S.D. = 0.4  on   5 of   5 obs.
-------------------------------------
? JUN  22, 1994  09h 58m 23.18± 1.19s
  33.921 S ±24.8km   70.967 W ±23.5km
  DEPTH =  90.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION   (127)
    MD 3.2 (SAN).

CHCH    0.26  93 iP      58 36.05  -0.6
             iS          58 48.50
LNV     0.37 265 iP+     58 37.28   0.1
             iS          58 50.36
PCH     0.48  52 iP+     58 38.52   0.4
             iS          58 52.77
SAN     0.53  29 iPd     58 39.45   1.0
             iS          58 55.19
PEL     0.81  17 (P)     58 40.18  -0.9
             (S)         58 56.10
   S.D. = 1.1  on   5 of   5 obs.
-------------------------------------
? JUN  22, 1994  10h 28m 12.71± 9.54s
  32.111 S ±70.3km   71.521 W ±34.3km
  DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE     (135)
    MD 3.5 (SAN).

ROCH    0.96 154 iP+     28 29.42  -0.7
             iS          28 41.93
JACH    0.97 126 iPd     28 30.00  -0.1
             iS          28 42.73
PEL     1.25 146 iPd     28 34.04   0.1
             iS          28 49.76
LCCH    1.36 182 iPd     28 35.08  -0.5
             iS          28 51.76
FCH     1.60 140 iPd     28 39.35   0.1
             iS          28 59.64
TACH    1.61 162 iP      28 38.77  -0.5
             iS          28 59.32
PCH     1.73 151 iP+     28 40.94   0.0
             iS          29 02.63
LNV     1.84 177 iP      28 43.06   0.6
             iS          29 04.47
CHCH    1.96 158 iP+     28 44.40   0.1
             iS          29 08.99
CACH    2.14 159 iP      28 47.55   0.6
             iS          29 15.51
   S.D. = 0.5  on  10 of  10 obs.
-------------------------------------
* JUN  22, 1994  10h 57m 04.24± 0.99s
   4.455 S ± 9.0km  143.576 E ±11.3km
  DEPTH =  33.0km  (normal)
  3.9mb (  1 obs.)
 NEW GUINEA, PAPUA NEW GUINEA    (202)

WWKK    0.83   3 iPd     57 19.40  -0.1
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22d 10h

MDG 2.33 110 eP 57 41.00 -0.1
YYYY 2.97 127 eP 57 51.10 0.8
LAT 4.06 123 eP 58 05.80 0.2
PMG 6.07 144 eP 58 33.00 -1.1
WB2 17.83 210 eP 01 11.80 0.3
0.7s 6.90nm 3.9mb
eS 05 14.50
ASPA 21.26 205 iPd 01 55.10 5.0X
0.6s 18.10nm 4.7mb X
S.D. = 0.8 on 6 of 7 obs.

% JUN 22, 1994 11h 53m 07.12± 0.79s
26.385 S ± 7.0km 27.337 E ± 8.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.4 (PRE).

KSR 0.65 322 eP 53 19.90 -0.3
S 53 28.50
SLR 1.07 53 eP 53 28.00 0.2
S 53 42.10
SEK 1.95 173 eP 53 41.00 -0.3
S 54 04.80
SWZ 1.97 246 eP 53 42.00 0.4
S 54 05.60
BOSA 2.80 217 eP 53 53.40 0.0
S 54 27.40
S.D. = 0.4 on 5 of 5 obs.

? JUN 22, 1994 12h 51m 18.36± 1.01s
44.330 N ± 9.2km 7.268 E ± 9.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.5 (GEN).

STV 0.09 155 P 51 21.21 0.1
S 51 23.46
ENR 0.15 133 P 51 21.86 -0.1
S 51 24.51
PZZ 0.21 326 P 51 23.05 0.0
S 51 26.11
ISO 0.21 227 ePgc 51 23.02 0.0
eSg 51 26.30
S.D. = 0.2 on 4 of 4 obs.

JUN 22, 1994 12h 55m 07.29± 0.32s
6.445 S ± 6.0km 152.935 E ± 6.1km
DEPTH = 33.0km (normal)
4.8mb (9 obs.)
NEW BRITAIN REGION, P.N.G. (192)

RAB 2.37 341 iPc 55 44.00 -0.6
LAT 5.90 268 eP 56 34.30 -0.4
PMG 6.43 242 eP 56 44.00 1.8
eS 57 56.00
BKM 18.65 128 iPc 59 25.00 0.3
DZM 20.29 141 iPc 59 41.90 -1.3
WB2 22.49 232 iPd 00 04.50 -0.9
0.6s 11.00nm 4.5mb
ASPA 25.06 225 iPd 00 30.40 0.0
0.6s 26.20nm 5.0mb
i 00 42.00
STKA 27.43 201 eP 00 50.90 -1.2
0.9s 22.70nm 4.8mb
WARB 31.84 229 eP 01 32.00 0.4
LEM 45.00 267 ePd 03 22.00 -0.1
BJI 57.33 327 eP 04 54.00 -0.5
2.0s 32.00nm 5.0mb
LZH 62.50 316 eP 05 30.00 -0.3
1.3s 36.00nm 5.3mb
pP 05 42.50 44kmX
SVW 78.27 23 eP 07 05.83 0.5
0.8s 32.31nm 5.4mb
PMR 81.12 24 eP 07 20.70 0.2
0.4s 1.70nm 4.4mb
IMA 81.95 19 eP 07 24.72 -0.3
0.9s 5.24nm 4.6mb
ipP 07 33.10 27kmX
KLU 82.40 25 eP 07 27.61 0.3
FBA 83.35 22 eP 07 30.91 -1.2
0.7s 1.37nm 4.2mb
BRW 84.31 14 eP 07 37.30 0.5
INK 89.93 21 eP 08 04.50 0.4
TPNV 94.48 53 eP 08 26.30 0.3
MBC 95.67 14 eP 08 31.00 0.6
GEC2 125.52 328 PKP 14 06.40 -0.6
0.7s 1.17nm

LPB 133.43 120 ePKP 14 25.00 1.6
LPAZ 133.51 120 PKP 14 24.50 0.7
BAO 149.82 137 PKPc 14 56.00 4.3X
S.D. = 0.8 on 24 of 25 obs.

% JUN 22, 1994 12h 57m 10.35± 1.02s
40.925 N ± 6.7km 23.638 E ± 8.2km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 1.7 (THE).

SRS 0.20 350 iPg 57 14.50 0.1
eSg 57 17.18
SOH 0.24 245 iPg 57 15.57 0.4
eSg 57 19.34
KNT 0.61 293 ePg 57 22.42 -0.1
eSg 57 30.98
OUR 0.65 156 ePg 57 23.18 -0.1
GRG 0.94 272 ePg 57 28.38 -0.3
eSg 57 42.10
S.D. = 0.4 on 5 of 5 obs.

? JUN 22, 1994 13h 16m 02.30± 7.00s
41.980 N ±44.8km 24.540 E ±37.0km
DEPTH = 5.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)
ML 2.4 (THE).

SRS 1.12 220 ePg 16 23.22 -0.5
iSg 16 38.70
SOH 1.46 218 ePb 16 28.60 -0.8
iSb 16 49.60
KNT 1.48 237 ePb 16 28.84 -0.8
eSb 16 49.28
OUR 1.70 195 ePb 16 32.32 -0.4
GRG 1.90 238 ePb 16 35.64 -0.1
eSb 17 00.16
LIT 2.43 220 ePn 16 43.48 0.1
S.D. = 0.4 on 6 of 6 obs.

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* JUN 22, 1994 13h 27m 47.93± 1.01s
17.950 S ±12.5km 166.281 E ±10.2km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
VANUATU ISLANDS (186)

BKM 1.89 82 iPd 28 18.50 0.0
iS 28 44.50
DZM 4.10 178 iPc 28 49.50 -0.5
iS 29 37.40
NOUC 4.13 180 iPc 28 50.80 0.5
iS 29 38.90
WB2 30.24 261 eP 33 58.50 0.3
0.6s 2.90nm 4.3mb
ASPA 30.75 254 iPd 34 02.30 -0.4
0.3s 14.30nm 5.2mb
GEC2 142.01 330 PKP 46 54.90 -23.5X
0.8s 1.20nm
S.D. = 0.6 on 5 of 6 obs.

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* JUN 22, 1994 13h 58m 31.28± 1.48s
10.829 S ±11.1km 113.051 E ±10.3km
DEPTH = 40.1 ± 13.4 km
4.6mb (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 3.02 45 ePd 59 18.50 0.8
eS 59 56.50
e 04 11.50
TRT 3.13 352 iPc 59 20.50 1.1
iS 59 58.70
SJI 3.33 337 ePc 59 22.50 0.3
eS 00 02.00
LEM 6.68 306 ePd 00 08.50 -1.2
NANU 11.91 169 eP 01 13.60 -7.8X
eS 03 15.00
MBL 12.16 148 eP 01 15.50 -9.4X
0.3s 17.00nm 5.6mb X
eS 03 18.00
MNI 16.92 45 e(P) 02 26.00 -0.8
IPM 19.43 321 ePd 02 57.00 -0.5
WARB 19.96 142 eP 03 03.00 0.0
eS 06 27.00
ASPA 23.61 125 iPc 03 39.50 -0.2
0.7s 18.80nm 4.7mb
eS 07 53.90
STKA 33.66 133 eP 05 09.60 -1.0

3.6s 45.00nm 4.8mb X
SSE 42.41 10 eP 06 26.50 2.8X
TKSJ 48.83 23 P 07 13.90 -0.9
WKYJ 49.65 25 P 07 20.30 -0.9
YONJ 49.68 22 P 07 20.20 -1.1
BJI 50.69 3 eP 07 26.00 -2.9X
N 14s 0.79um
MAT 52.74 25 eP 07 42.00 -2.5X
1.1s 6.33nm 4.5mb
FVM 145.73 34 ePKP 18 08.55 1.0
RSNY 145.77 10 ePKP 18 08.90 1.5
MIAR 146.13 42 ePKP 18 10.12 1.8
SOB1 147.32 233 (PKP) 18 15.00 4.2X
MOCB 148.10 182 PKP 18 17.90 5.5X
LPB 152.79 178 PKP 18 31.80 12.3X
LPAZ 153.03 177 PKP 18 30.00 9.9X
S.D. = 1.2 on 15 of 24 obs.

JUN 22, 1994 14h 36m 11.15± 0.65s
10.329 S ± 8.2km 116.775 E ± 9.4km
DEPTH = 33.0km (normal)
4.9mb (4 obs.)
SOUTH OF SUMBAWA, INDONESIA (291)

DNP 2.25 317 ePc 36 47.00 0.2
eS 37 17.50
e 39 59.00
KHKI 2.27 329 ePd 36 46.90 -0.1
eS 37 31.30
e 41 26.10
WSI 3.52 80 ePd 37 05.00 0.1
MKS 5.74 28 ePc 37 55.50 19.2X
MBL 11.16 165 eP 38 49.00 -2.6X
0.3s 19.00nm 5.8mb
eS 40 44.00
NANU 12.22 185 eP 39 05.70 -0.2
iS 41 14.00
WARB 18.33 151 eP 40 25.00 0.4
eS 43 39.00
WB2 19.45 121 eP 40 37.90 -0.3
0.4s 8.90nm 4.4mb
eS 44 04.20
ASPA 21.04 131 iPd 40 56.90 2.1X
0.6s 40.90nm 5.0mb
eS 44 44.80
RKG 24.13 180 eP 41 33.00 7.9X
STKA 31.41 137 eP 42 34.40 2.8X
1.6s 23.70nm 4.8mb
S.D. = 0.3 on 6 of 11 obs.

JUN 22, 1994 15h 27m 04.22± 0.39s
39.959 N ± 3.6km 20.693 E ± 3.5km
DEPTH = 5.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
ML 3.4 (TIR), 3.4 (THE). MD 3.6
(ATH).

LSK 0.20 339 iPgc 27 06.50 -1.9
IGT 0.51 213 ePg 27 13.58 -0.8
eSg 27 21.24
SRN 0.54 262 iPgd 27 14.80 -0.2
iSg 27 23.40
KBN 0.67 6 iPgd 27 15.50 -2.1
KEK 0.73 251 ePb 27 17.90 -0.9
KZN 0.90 67 ePb 27 20.60 -1.3
FNA 0.98 32 ePg 27 21.74 -1.5
iSg 27 35.92
VLO 1.05 299 ePn 27 23.70 -0.7
iSn 27 43.00
OHR 1.15 4 iPn 27 25.00 -1.3
i 27 28.10
i 27 30.00
i 27 43.40
i 27 45.00
LIT 1.39 84 ePb 27 30.42 0.2
eSb 27 50.20
TIR 1.52 336 iPnd 27 33.50 1.4
iSn 28 02.00
AGG 1.57 126 ePb 27 33.90 1.0
eSb 27 58.34
GRG 1.64 52 ePb 27 34.10 0.3
eSb 27 55.68
PHP 1.73 354 iPnc 27 36.80 1.6
iSn 28 12.80
VLS 1.78 183 ePn 27 35.50 -0.4
LACI 1.83 336 ePn 27 38.00 1.4
iSn 28 04.50

THE 1.86 68 ePb 27 36.88 -0.1
VAY 1.97 46 iPn 27 38.30 -0.3
i 27 42.00
i 27 51.00
i 28 04.80
i 28 09.50
KNT 2.07 54 ePn 27 39.62 -0.4
SKO 2.09 15 iPn 27 40.50 0.2
iPb 27 42.50
iSn 28 07.00
iSg 28 11.00
SOH 2.21 66 ePn 27 41.90 -0.2
SDA 2.28 337 ePn 27 45.00 2.0X
iSn 28 15.40
ULC 2.28 332 iPnd 27 43.45 0.3
iSn 28 18.79
OUR 2.55 80 ePn 27 46.26 -0.6
PVY 2.69 349 iPnc 27 50.59 1.6
iSn 28 30.99
TTG 2.69 337 iPnd 27 49.47 0.5
iSn 28 29.71
BDV 2.72 329 iPnc 27 49.19 -0.1
iSn 28 28.59
IVA 2.97 349 iPnc 27 54.39 1.4
iSn 28 38.03
HCY 2.99 327 iPnc 27 52.31 -0.8
iSn 28 34.51
NKY 3.12 336 iPnd 27 55.53 0.4
iSn 28 39.79
BRY 3.35 332 iPnc 27 58.31 -0.2
iSn 28 44.51
PLE 3.51 344 iPnc 28 01.73 1.2
iSn 28 50.23
VLI 3.69 151 ePb 28 04.20 1.1
MLR 6.75 33 eP 28 48.00 1.6
VRI 7.38 35 eP 28 55.00 -0.2
VOY 7.85 323 ePn 28 58.70 -3.2X
eSn 30 26.80
S.D. = 1.1 on 34 of 36 obs.

JUN 22, 1994 16h 03m 53.38± 1.06s
39.666 N ± 8.1km 23.416 E ± 7.4km
DEPTH = 5.0km (geophysicist)
AEGEAN SEA (365)
ML 2.4 (THE).

PAIG 0.33 38 iPg 04 00.21 0.2
eSg 04 05.12
OUR 0.80 33 ePg 04 08.80 -0.5
eSg 04 20.36
LIT 0.83 302 ePg 04 09.64 -0.4
THE 1.03 340 ePg 04 12.80 -0.4
eSg 04 27.54
AGG 1.06 233 ePg 04 13.84 0.0
eSg 04 28.92
SOH 1.16 358 ePg 04 15.44 0.0
SRS 1.46 5 ePb 04 20.34 0.0
iSb 04 40.62
GRG 1.50 329 ePb 04 20.92 -0.1
KNT 1.55 345 ePb 04 21.68 0.1
eSb 04 42.86
VAY 1.77 339 ePn 04 26.00 1.1
S.D. = 0.5 on 10 of 10 obs.

& JUN 22, 1994 16h 05m 06.06s
34.114 N 116.991 W
DEPTH = 4.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 2.9 (GS).

CFT 0.13 232 P 05 08.88 0.2
PEC 0.26 213 iPd 05 11.21 -0.2
RVR 0.34 249 P 05 12.69 -0.2
CSP 0.35 301 iPc 05 12.75 -0.5
POB 0.43 172 P 05 14.35 -0.3
EWC 0.54 109 P 05 16.27 -0.5
ELMC 0.68 308 P 05 18.79 -0.8
PEM 0.73 274 P 05 19.79 -0.9
PLM 0.77 172 iPd 05 20.44 -1.0
FRGC 0.85 114 P 05 21.92 -1.1
MWC 0.89 277 P 05 22.55 -1.3
MECC 0.93 121 P 05 23.47 -0.9
JULC 1.11 163 P 05 26.40 -1.1
SHH 1.11 86 P 05 26.76 -0.7
GSC 1.19 7 eP 05 28.07 -0.9
FOXC 1.20 301 P 05 28.29 -0.6
GRP 1.34 59 P 05 30.10 -1.3
CO2 1.39 101 P 05 30.87 -1.4
DBM 1.42 308 P 05 32.11 -0.7
SWM 1.45 295 P 05 33.66 0.5
CIW 1.45 244 P 05 32.75 -0.3
OAL 1.56 294 P 05 35.43 0.7
BMTC 1.67 308 P 05 35.90 -0.4
ARVC 1.82 304 P 05 39.50 1.1
ISA 1.97 322 eP 05 40.50 -0.1
ABL 1.98 292 eP 05 40.69 -0.2
GLA 2.09 120 eP 05 42.05 -0.3
BCH 2.76 294 eP 05 52.59 0.5
TPNV 2.89 12 ePn 05 51.50 -2.4
ARUT 4.66 37 (Pn) 06 22.05 3.0
MSU 5.86 40 ePg 06 53.46 17.4
31 obs. associated

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* JUN 22, 1994 16h 13m 21.67± 0.69s
10.785 S ± 9.4km 112.549 E ± 9.9km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT 3.06 2 ePd 14 09.50 0.6
0.2s 18.20nm
SJI 3.13 346 ePc 14 09.00 -0.8
eS 14 47.00
DNP 3.36 52 ePc 14 13.50 0.4
eS 14 51.50
e 16 58.00
LEM 6.26 309 ePd 14 55.00 0.6
NANU 12.05 167 eP 16 07.00 -7.1X
iS 18 12.00
MBL 12.46 147 eP 16 11.50 -8.1X
eS 18 17.00
WB2 22.89 116 eP 18 22.50 -1.2
0.9s 7.40nm 4.2mb
i 18 32.90
ASPA 24.04 125 eP 18 35.90 1.0
1.3s 14.40nm 4.3mb
CHTO 32.33 335 eP 19 52.90 2.7X
STKA 34.05 132 eP 20 05.00 -0.1
3.0s 53.40nm 5.0mb
i 20 12.80
GBA 42.44 304 P 21 15.00 -0.3
BJI 50.68 4 eP 22 19.00 -0.9
1.0s 6.00nm 4.5mb
MAT 52.91 26 eP 22 34.00 -2.9X
INK 108.71 21 ePKP 31 49.00 0.6
S.D. = 0.9 on 10 of 14 obs.

JUN 22, 1994 16h 18m 25.78± 0.63s
6.043 S ± 3.5km 130.905 E ± 4.2km
DEPTH = 105.8 ± 5.9 km
5.2mb (28 obs.)
BANDA SEA (280)

SWI 5.16 4 ePd 19 43.50 1.5
iS 20 38.00
MNI 9.59 321 ePc 20 41.50 -1.0
eS 22 25.00
KNA 9.87 192 iPc 20 45.10 -1.2
iS 22 29.00
OKTD 10.36 87 iPc 20 51.20 -1.7
JAY 10.38 71 iPd 20 48.60 -4.6X
1.2s 6.00nm 4.3mb
eS 22 42.70
WSI 11.11 250 ePc 21 03.70 0.8
eS 23 12.30
DAV 14.09 338 eP 21 36.20 -5.6X
WB2 14.22 167 iPd 21 38.40 -5.1X
0.3s 56.70nm 5.3mb
eS 24 08.50
CTB 14.76 333 ePc 21 55.50 5.1X
MDG 14.82 88 eP 21 42.00 -9.3X
BIP 14.91 342 iPd 21 55.50 3.1X
CGP 15.68 337 ePc 22 03.00 1.0
LAT 16.01 93 eP 22 09.20 3.0X
PMG 16.45 103 eP 22 13.00 1.3
TSM 16.58 308 ePd 22 13.50 0.3
MAP 17.66 337 ePd 22 27.00 0.4
ASPA 17.76 171 eP 22 26.30 -1.5
0.7s 179.40nm 5.4mb
iS 25 28.00
PLP 18.08 341 ePc 22 33.50 1.8
MBL 18.46 214 eP 22 35.70 -0.5
0.4s 14.00nm 4.6mb
eS 25 47.00
KKM 18.95 309 eP 22 40.50 -1.1
0.7s 56.10nm 5.0mb
KVG 20.14 81 e(P) 22 55.10 1.2
GQP 21.52 337 ePc 23 08.50 0.8
PGP 21.79 333 ePc 23 11.00 0.6
NANU 22.14 221 iPc 23 15.00 1.3
iS 27 19.00
LEM 23.15 267 ePd 23 24.50 0.6
GUMO 23.93 35 eP 23 31.70 0.5
PJG 23.93 35 eP 23 32.20 1.0
BAG 24.54 336 ePc 23 36.60 -0.6
1.0s 142.00nm 5.4mb
CVP 25.24 339 ePc 23 43.00 -0.6
PIP 26.25 337 eP 23 49.50 -3.4X
STKA 27.58 160 iPc 24 04.80 -0.1
0.7s 28.70nm 5.0mb
ePP 24 35.80
eS 29 16.50
BWA 32.56 152 iPd 24 51.10 2.1X
CAN 33.57 153 iPd 24 58.80 1.1
CNB 33.73 152 iPd 25 01.20 2.1X
TOO 34.08 159 iPc 25 04.20 2.1X
0.7s 22.00nm 5.1mb
NST 37.34 306 eP 25 30.60 0.8
SSE 38.08 346 Pd 25 36.00 0.2
1.0s 35.00nm 5.2mb
BDT 39.10 307 iPc 25 44.00 -0.5
0.9s 56.90nm 5.4mb
TKSJ 39.92 4 P 25 51.10 0.1
CHTO 40.03 309 iPc 25 52.50 0.3
0.9s 38.36nm 5.2mb
WKYJ 40.29 6 P 25 54.00 -0.1
YONJ 41.08 3 P 26 00.90 0.4
KMI 41.36 320 P+ 26 04.00 0.8
1.0s 40.00nm 5.2mb
pP 26 09.60 19kmX
TSRJ 41.63 6 P 26 04.30 -0.7
IIDJ 41.82 9 P 26 06.30 -0.4
CHJJ 42.55 10 P 26 11.10 -1.5
MTMJ 42.89 8 P 26 14.80 -0.7
MAT 42.91 9 iPc 26 13.80 -1.7
0.8s 26.12nm 5.1mb
KAKJ 42.91 11 P 26 14.30 -1.2
NIIJ 43.72 9 P 26 21.10 -0.9
YAMJ 44.80 10 P 26 30.60 -0.1
OFUJ 45.99 12 P 26 40.10 0.0
BJI 47.82 345 eP 26 54.00 -0.5
1.2s 49.00nm 5.2mb
LZH 49.00 331 P 27 04.00 0.2
1.6s 109.00nm 5.5mb
pP 27 24.00 81kmX
HOOJ 49.50 12 eP 27 07.60 0.3
ASAJ 51.04 11 eP 27 18.00 -1.0
YSS 53.86 10 ePc 27 38.20 -1.7
0.6s 20.00nm 5.3mb
GBA 56.55 291 P 27 58.20 -1.7
0.9s 15.00nm 5.0mb
HYB 56.71 295 eP 28 00.00 -1.1
1.0s 80.00nm 5.7mb
CIT 59.68 348 eP 28 21.70 0.5
ZAK 61.07 340 iPc 28 30.00 -0.5
1.5s 58.00nm 5.4mb
e 29 12.00
e 43 26.00
IRK 62.36 342 eP 28 39.00 -0.2
YAK 67.86 359 iPc 29 13.40 -1.0
0.8s 235.00nm 6.2mb
FRU 70.41 319 (P) 29 30.00 -0.5
1.3s 40.00nm 5.1mb
BRVK 77.81 327 iPc 30 13.00 0.2
1.0s 35.00nm 5.1mb
MAIO 78.79 309 iPc 30 19.00 0.3
0.9s 8.53nm 4.6mb
ASH 80.12 310 eP 30 26.00 0.3
ILT 81.77 17 iPc 30 33.80 0.1
1.0s 20.00nm 4.9mb
SVE 84.41 329 iPd 30 48.50 1.1
SVW 87.36 28 eP 31 02.86 1.0
0.8s 28.27nm 5.3mb
CDD 87.70 30 P 31 21.10 17.6X
TTA 87.74 26 eP 31 04.92 1.2
0.5s 4.85nm 4.8mb
AUH 87.91 30 P 31 18.00 13.4X
AGU 87.92 30 P 31 18.00 13.3X
AUP 87.92 30 ePd 31 17.59 12.9X
OPT 88.10 30 P 31 16.50 11.1X
SYI 88.25 31 P 31 24.70 18.6X

22d 16h

RS2 88.54 29 P 31 18.40 10.7X
RSO 88.54 29 P 31 18.40 10.7X
DFR 88.60 29 P 31 19.10 11.2X
RDT 88.73 29 P 31 19.40 10.9X
XLV 88.79 30 P 31 20.00 11.3X
HOM 88.88 30 P 31 20.00 10.9X
BGL 88.91 28 P 31 26.20 16.8X
CKL 88.92 28 P 31 25.60 16.2X
BKG 88.92 28 P 31 24.10 14.7X
CP2 88.98 28 iPd 31 26.17 16.3X
CKT 88.98 28 P 31 25.50 15.8X
CKN 89.00 28 P 31 26.10 16.4X
CRP 89.02 28 P 31 26.60 16.6X
SPU 89.05 28 P 31 25.50 15.5X
NNL 89.14 29 P 31 22.00 11.7X
NKA 89.33 29 P 31 26.00 14.8X
SUA 89.73 28 P 31 32.20 19.0X
SLKM 89.77 29 (P) 31 13.77 0.5
MPA 90.18 29 P 31 32.20 17.1X
PMS 90.24 28 P 31 35.10 19.6X
PTE 90.42 29 P 31 35.90 19.7X
LVZ 97.92 338 P 31 49.80 -0.7
MBC 100.48 13 ePdiff32 02.00 0.2
KAF 102.13 332 iPdiff32 08.10 -1.3
0.6s 3.90nm 5.3mb
NUR 103.21 331 ePdiff32 05.80 -8.5X
0.9s 14.80nm 5.8mb
NB2 109.34 333 Pdiff 32 40.60 -1.0
0.6s 0.80nm
GEC2 112.26 321 PKP 36 50.90 0.1
e 37 34.20
e 37 43.90
BSF 116.94 321 ePKP 36 59.50 -0.4
0.4s 1.60nm
HAU 117.15 322 ePKP 37 00.10 -0.1
LPG 117.84 319 ePKP 37 02.00 0.1
0.6s 3.45nm
LPL 117.85 319 ePKP 37 01.90 0.1
0.5s 5.05nm
SBF 117.96 317 ePKP 37 01.60 -0.3
0.6s 5.30nm
FRF 118.61 317 ePKP 37 03.00 0.0
0.6s 3.80nm
LMR 118.78 317 ePKP 37 03.30 -0.1
0.4s 0.95nm
LRG 118.84 317 ePKP 37 03.70 0.3
0.4s 1.55nm
LOR 118.99 322 ePKP 37 03.70 0.0
0.4s 1.15nm
LBF 119.03 321 ePKP 37 03.80 0.0
0.5s 2.05nm
SMF 119.26 321 ePKP 37 04.40 0.2
SSF 119.29 321 ePKP 37 04.50 0.3
0.6s 4.05nm
AVF 119.50 321 ePKP 37 04.50 -0.1
TCF 120.43 321 ePKP 37 06.90 0.4
0.5s 2.75nm
CAF 121.11 320 ePKP 37 08.40 0.6
0.6s 3.80nm
LPF 121.58 324 ePKP 37 08.90 0.4
MFF 121.74 322 ePKP 37 09.10 0.2
0.5s 4.80nm
LPO 121.78 320 ePKP 37 09.80 0.8
0.3s 1.55nm
LFF 121.95 320 ePKP 37 10.00 0.7
EPF 123.05 318 ePKP 37 13.80 2.2
0.4s 1.60nm
MOCB 148.39 150 PKP 38 01.50 2.4X
LPB 150.73 140 PKP 38 12.10 9.4X
LPAZ 150.90 140 PKP 38 10.70 7.5X
CCH 151.27 144 PKP 38 11.70 8.3X
S.D. = 0.9 on 86 of 128 obs.

& JUN 22, 1994 16h 30m 58.49s
59.924 N 153.216 W
DEPTH = 134.2km
SOUTHERN ALASKA (2)
<AEIC>.

INE 0.16 29 eP 31 16.29 0.7
eS 31 30.32
PDB 0.51 255 eP 31 17.40 -0.9
eS 31 31.94
RED 0.54 24 eP 31 17.88 -0.8
eS 31 32.43
AUL 0.55 192 eP 31 17.82 -0.8
eS 31 32.31
AUE 0.57 188 iP 31 17.74 -0.9
eS 31 31.31
AUI 0.60 190 eP 31 17.87 -1.0
eS 31 32.64
REF 0.62 24 eP 31 18.55 -0.7
eS 31 33.71
MCNL 0.94 218 iP 31 20.35 -1.1
eS 31 37.15
CNPM 1.08 111 iP 31 21.83 -1.0
eS 31 39.29
BGM 1.15 243 eP 31 22.60 -1.0
BRLK 1.19 97 eP 31 23.05 -0.9
eS 31 40.76
SVW 1.68 316 eP 31 28.04 -1.3
KDC 2.22 170 P 31 33.20 -2.5
SKT 2.22 21 eP 31 35.02 -0.9
PWA 2.38 42 P 31 37.00 -0.9
PLRM 2.61 48 eP 31 40.13 -0.6
KNK 2.78 55 eP 31 41.05 -1.9
GHO 2.80 47 eP 31 41.80 -1.5
CUT 2.87 29 eP 31 43.08 -1.0
SML 3.05 50 eP 31 44.36 -2.1
HIN 3.39 79 eP 31 49.56 -1.4
SCM 3.46 54 eP 31 49.92 -2.0
HUR 3.51 28 eP 31 51.63 -1.0
MID 3.52 95 P 31 50.90 -1.8
VLZ 3.61 67 eP 31 52.71 -1.2
KTH 3.80 16 eP 31 55.54 -1.0
TRF 3.80 20 eP 31 56.43 -0.2
KLU 3.92 63 eP 31 56.05 -2.0
RND 4.07 29 eP 31 59.12 -0.9
TOA 4.07 54 P 31 58.70 -1.4
DHY 4.22 39 eP 32 00.39 -1.9
MCK 4.33 26 eP 32 02.21 -1.3
TZL 4.35 57 eP 32 04.73 0.9
SDG 4.53 52 eP 32 05.77 -0.5
BWN 4.61 21 eP 32 06.13 -1.2
PAX 4.81 47 eP 32 08.44 -1.7
GLB 4.87 68 eP 32 09.54 -1.3
NEA 5.05 21 eP 32 11.10 -2.2
WRH 5.16 26 eP 32 12.65 -2.0
MLY 5.25 12 eP 32 14.61 -1.4
CCB 5.37 26 eP 32 15.34 -2.2
HDA 5.37 30 eP 32 15.36 -2.2
BALM 5.49 74 eP 32 18.27 -1.0
FBA 5.59 24 P 32 18.50 -2.0
IL1 5.69 28 eP 32 19.26 -2.6
ILB 5.69 28 eP 32 19.33 -2.5
GLM 5.75 26 eP 32 20.45 -2.4
CHX 6.07 83 eP 32 27.45 0.2
IM3 6.09 358 eP 32 25.96 -1.4
49 obs. associated

% JUN 22, 1994 16h 34m 18.92± 0.67s
40.171 N ± 6.8km 27.183 E ± 7.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.0 (ISK).

EDC 0.55 71 iPg 34 30.00 0.0
MFT 0.62 7 iPg 34 31.30 -0.2
EZN 0.74 243 iPg 34 33.50 0.0
DMK 1.71 15 ePn 34 49.00 0.2
IZI 1.76 84 ePn 34 49.80 0.1
IZM 1.77 178 ePn 34 49.80 -0.1
S.D. = 0.1 on 6 of 6 obs.

JUN 22, 1994 16h 43m 59.11± 0.25s
40.151 N ± 3.0km 27.432 E ± 2.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.9 (ATH), 3.9 (THE), 3.8
(ISK).

EDC 0.38 59 iPg 44 08.00 1.0
iSg 44 14.00
MFT 0.65 350 iPg 44 11.80 -0.3
KCT 0.71 82 ePg 44 12.90 -0.3
EZN 0.91 249 iPg 44 17.50 1.0
CTT 1.25 37 iPn 44 22.40 0.0
PRK 1.27 225 ePb 44 23.60 0.9
ALN 1.29 306 ePg 44 23.92 0.9
iSg 44 40.76
ISK 1.54 53 iPn 44 26.10 -0.5
YLV 1.54 74 iPn 44 26.30 -0.4
IZI 1.57 83 iPn 44 27.60 0.4
DMK 1.69 8 iPn 44 28.90 0.1
RDO 1.75 305 ePb 44 30.50 0.8
IZM 1.76 184 iPn 44 30.00 0.2
HRT 1.83 68 iPn 44 30.00 -0.9
GPA 2.21 86 iPn 44 35.90 -0.5
KHL 2.44 138 iPn 44 40.00 0.2
OUR 2.65 275 ePn 44 42.22 -0.3
iSn 45 10.89
PAIG 2.89 267 ePn 44 45.68 -0.3
SRS 3.08 290 ePn 44 48.42 -0.2
SOH 3.18 283 iPn 44 50.14 -0.1
THE 3.45 279 ePn 44 53.58 -0.3
KNT 3.59 288 iPn 44 56.10 0.1
ATH 3.62 234 ePg 45 11.00 14.6X
BCK 3.65 136 ePn 44 57.50 0.6
LIT 3.79 271 ePn 44 58.36 -0.5
VAY 3.87 289 iPn 45 01.20 1.2
GRG 3.92 283 ePn 45 00.84 0.2
AGG 4.10 256 ePn 45 02.54 -0.7
iSn 45 49.05
BUC1 4.32 347 eP 45 24.00 17.7X
KZN 4.34 274 ePn 45 06.90 0.2
TLB 4.46 6 eP 45 08.00 -0.2
FNA 4.66 280 ePn 45 11.08 -0.2
SKO 4.88 294 ePn 45 14.00 -0.3
i 45 31.50
VLI 4.92 227 ePn 45 14.00 -0.8
CFR 5.06 6 iPc 45 16.50 -0.2
OHR 5.14 283 ePn 45 14.50 -3.5X
CMP 5.41 342 ePc 45 44.00 22.2X
MLR 5.45 349 iPc 45 24.00 1.6
IGT 5.50 266 ePn 45 21.86 -1.2
VRI 5.74 355 eP 45 27.00 0.6
GZR 6.26 328 ePd 45 32.00 -1.8
S.D. = 0.7 on 37 of 41 obs.

% JUN 22, 1994 17h 28m 35.61± 0.81s
44.365 N ± 5.7km 7.297 E ± 9.8km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.7 (GEN).

STV 0.12 171 P 28 38.89 0.2
S 28 41.05
ENR 0.16 147 P 28 39.49 0.1
S 28 42.01
PZZ 0.20 315 P 28 40.50 0.4
S 28 43.88
ISO 0.25 224 ePgd 28 40.69 -0.3
iSg 28 43.96
BHB 0.48 357 P 28 44.98 -0.3
S 28 51.30
S.D. = 0.5 on 5 of 5 obs.

? JUN 22, 1994 17h 29m 30.72± 6.91s
44.045 N ±23.5km 7.743 E ±39.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.2 (STR).

SAOF 0.15 247 Pg 29 34.13 0.0
Sg 29 39.40
AUTN 0.23 258 Pg 29 35.84 0.0
AURF 0.34 242 Pg 29 37.68 -0.1
Sg 29 46.25
TOUF 0.36 265 Pg 29 38.08 -0.1
REVF 0.41 222 Pg 29 39.03 -0.1
Sg 29 48.54
MVIF 0.45 251 Pg 29 40.05 0.1
Sg 29 49.67
CALN 0.68 245 Pg 29 44.53 0.2
S.D. = 0.1 on 7 of 7 obs.

? JUN 22, 1994 18h 08m 43.31± 5.08s
5.530 S ±44.8km 146.861 E ±49.9km
DEPTH = 161.3 ± 19.0 km
4.1mb (1 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

MDG 1.11 284 ePc 09 10.00 -0.3
YYYY 1.13 231 eP 09 10.90 0.2
eS 09 30.00
LAT 1.14 173 iPd 09 11.20 0.6
PMG 3.86 176 eP 09 42.00 -0.7
eS 10 27.00
WB2 18.80 219 eP 12 53.30 0.3
0.5s 4.20nm 4.1mb
S.D. = 1.1 on 5 of 5 obs.

? JUN 22, 1994 18h 19m 20.53± 1.31s
10.209 S ±10.6km 112.143 E ±20.8km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT 2.54 11 iPd 20 01.20 0.9
iS 20 34.40
DNP 3.39 64 ePd 20 12.00 -0.4
e 23 15.00
NANU 12.70 166 eP 22 22.00 0.3
eS 24 35.00
WB2 23.50 117 eP 24 23.40 -5.1X
0.5s 3.70nm 4.2mb
LZH 46.71 351 eP 27 47.50 -0.9
S.D. = 1.4 on 4 of 5 obs.

? JUN 22, 1994 18h 24m 37.52± 1.04s
44.333 N ± 9.3km 7.273 E ±10.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.6 (GEN).

STV 0.10 157 P 24 40.46 0.2
S 24 42.66
ENR 0.15 135 P 24 40.96 -0.1
S 24 43.67
PZZ 0.21 324 P 24 42.20 0.0
S 24 45.95
ISO 0.22 227 ePgd 24 42.25 -0.1
iSg 24 45.56
S.D. = 0.2 on 4 of 4 obs.

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* JUN 22, 1994 18h 45m 44.80± 0.96s
10.630 S ± 8.4km 112.571 E ±13.4km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT 2.91 1 iPc 46 30.80 1.0
iS 47 04.20
SJI 2.99 344 ePd 46 29.50 -1.4
eS 47 05.00
DNP 3.25 54 ePc 46 35.00 0.4
eS 47 11.50
e 49 38.00
KHKI 3.75 53 iPd 46 41.20 -0.5
iS 47 24.10
e 50 06.70
NANU 12.20 167 eP 48 35.00 -4.2X
eS 50 40.00
MBL 12.58 147 eP 48 38.00 -6.3X
eS 50 44.00
WARB 20.40 141 eP 50 22.00 0.2
eS 53 53.00
WB2 22.93 116 eP 50 46.30 -1.0
0.9s 6.00nm 4.1mb
eS 54 49.70
ASPA 24.11 125 iPc 50 59.10 0.4
0.5s 16.30nm 4.8mb
STKA 34.14 133 eP 52 29.20 0.2
0.6s 9.00nm 4.9mb
KMI 36.81 345 ePc 52 52.60 0.7
pP 53 01.60 30kmX
SOB1 147.06 234 ePKP 05 28.90 4.1X
S.D. = 0.9 on 9 of 12 obs.

JUN 22, 1994 18h 54m 49.59± 0.77s
39.524 N ± 7.5km 20.310 E ± 6.5km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
ML 2.7 (THE). MD 3.0 (ATH).

IGT 0.02 65 ePg 54 49.58 -2.0
eSg 54 51.98
KEK 0.44 296 ePb 54 58.40 -0.1
VLS 1.36 171 ePb 55 14.90 0.3
KZN 1.37 55 ePb 55 15.00 0.2
FNA 1.50 33 ePb 55 17.02 0.4
eSb 55 39.06
OHR 1.63 13 ePn 55 21.70 3.3X
AGG 1.65 107 ePb 55 18.84 0.2
eSb 55 41.84
LIT 1.77 70 ePb 55 20.74 0.2
eSb 55 46.26
GRG 2.15 48 ePn 55 26.66 0.7
VAY 2.49 43 ePn 55 35.00 4.2X
KNT 2.57 50 ePn 55 32.74 0.8
SKO 2.59 19 ePn 55 31.00 -1.2
OUR 2.94 73 ePn 55 36.90 -0.2
S.D. = 0.9 on 11 of 13 obs.

JUN 22, 1994 18h 55m 18.84± 0.48s
44.363 N ± 3.7km 7.301 E ± 4.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.9 (GEN), 1.7 (LDG).

STV 0.12 172 P 55 22.31 0.4
S 55 24.60
ENR 0.16 148 P 55 22.95 0.3
S 55 25.47
PZZ 0.20 315 P 55 23.91 0.6
S 55 27.34
ISO 0.25 225 ePgc 55 24.10 -0.2
iSg 55 27.36
ROB 0.41 99 P 55 27.57 0.2
S 55 33.52
BHB 0.48 357 P 55 28.35 -0.2
S 55 34.67
SBF 0.51 169 Pg 55 29.50 0.3
Sg 55 34.60
FIN 0.67 103 P 55 31.46 -0.7
S 55 40.62
FRF 0.93 211 Pg 55 36.50 -0.1
Sg 55 47.20
LRG 1.13 217 Pg 55 39.80 -0.3
Sg 55 54.20
LMR 1.18 209 Pg 55 40.40 -0.4
Sg 55 55.30
S.D. = 0.4 on 11 of 11 obs.

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* JUN 22, 1994 19h 06m 20.88± 1.57s
40.719 N ±10.5km 30.130 E ±12.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.6 (ISK). Felt in the Golcuk
area.

GPA 0.45 162 iPg 06 28.70 -1.4
iSg 06 36.70
YLV 0.60 255 iPg 06 31.80 -1.2
IZI 0.63 233 iPg 06 33.30 -0.3
ISK 0.88 293 iPg 06 37.30 -0.5
eSg 06 50.00
CTT 1.36 289 iPn 06 45.30 -0.5
ALT 1.66 181 ePn 06 51.00 0.7
EDC 1.77 259 iPn 06 52.50 0.8
DMK 2.10 302 iPn 06 56.90 0.4
MFT 2.16 273 ePn 06 57.80 0.2
KHL 2.44 191 iPn 07 02.50 1.0
EZN 3.04 254 ePn 07 10.60 0.7
MLR 5.67 329 eP 07 49.00 1.7X
VRI 5.72 335 eP 07 49.00 1.2X
VAY 5.75 278 ePn 07 51.30 3.0X
S.D. = 0.9 on 11 of 14 obs.

% JUN 22, 1994 19h 10m 35.93± 0.65s
40.668 N ± 6.0km 29.977 E ± 5.0km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 3.4 (ISK). Felt in the Golcuk
area.

EYL 0.17 127 ePg 10 39.80 0.3
HRT 0.28 303 iPg 10 41.40 -0.2
GPA 0.46 146 iPg 10 44.70 -0.4
iSg 10 51.70
YLV 0.47 258 iPg 10 45.00 -0.4
eSg 10 52.30
IZI 0.51 229 iPg 10 46.80 0.7
ISK 0.80 300 iPg 10 51.30 -0.6
eSg 11 02.80
CTT 1.27 293 iPn 11 00.00 0.1
KCT 1.31 252 ePn 11 00.00 -0.6
ALT 1.61 176 ePn 11 05.00 -0.2
EDC 1.64 259 ePn 11 06.00 0.4
DMK 2.03 305 iPn 11 11.90 0.7
MFT 2.05 274 ePn 11 11.80 0.2
S.D. = 0.5 on 12 of 12 obs.

JUN 22, 1994 19h 11m 54.58± 0.47s
10.565 S ± 6.7km 112.644 E ± 7.2km
DEPTH = 33.0km (normal)
5.1mb (7 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT 2.84 360 iPc 12 39.40 0.8
iS 13 13.00
SJI 2.94 343 ePd 12 40.00 -0.1
eS 13 14.50
DNP 3.15 54 ePd 12 44.00 1.0
eS 13 21.50
e 17 23.50
KHKI 3.65 53 ePd 12 50.20 0.1
eS 13 34.00
e 18 19.00
WSI 7.58 84 ePd 13 45.20 -0.4
eS 15 12.80
MKS 8.60 52 iPc 14 07.90 8.2X
NANU 12.25 167 eP 14 43.50 -6.1X
iS 16 50.00
MBL 12.60 148 eP 14 47.40 -6.9X
0.3s 15.00nm 5.6mb
eS 16 54.00
MNI 17.02 46 ePc 15 52.00 0.2
IPM 18.98 322 ePc 16 16.80 0.7
WARB 20.41 141 eP 16 31.00 -0.7
eS 20 05.00
PPR 21.09 17 ePc 16 38.00 -0.7
WB2 22.90 117 iPc 16 55.90 -0.8
0.7s 36.90nm 5.0mb
eS 21 04.30
ASPA 24.09 125 iPd 17 08.60 0.3
0.7s 53.60nm 5.2mb
eS 21 35.20
NST 28.86 334 eP 17 52.70 0.3
LOE 29.81 339 eP 17 59.00 -2.0
CHTO 32.17 335 eP 18 21.00 -0.7
STKA 34.13 133 iPc 18 38.10 -0.6
0.6s 36.10nm 5.5mb
KMI 36.76 345 ePd 19 02.00 0.7
1.0s 20.00nm 4.9mb
pP 19 11.00 30kmX
SSE 42.22 11 eP 19 45.70 -0.5
sP 19 52.00
LZH 47.14 350 eP 20 25.00 -0.8
1.0s 29.00nm 5.2mb
pP 20 35.00 33kmX
POO 47.97 307 eP 20 29.00 -3.5X
BJI 50.45 4 eP 20 49.50 -1.6
1.0s 6.00nm 4.5mb
MAT 52.67 26 eP 21 04.00 -4.1X
MSU 131.31 47 ePKP 31 07.40 1.6
PV10 133.61 46 ePKP 31 12.04 1.8
WMOK 142.59 45 ePKP 31 23.28 -3.3X
LMN 144.77 357 ePKP 31 29.00 -0.9
1.0s 7.00nm
ITR 145.39 237 ePKP 31 32.10 0.3
e 31 45.20
RSNY 145.58 9 (PKP) 31 28.24 -3.1X
FVM 145.74 33 ePKP 31 32.53 0.8
MIAR 146.20 41 ePKP 31 33.77 1.2
ipPKP 31 44.80
YSNY 146.74 15 ePKP 31 33.44 0.1
SOB1 147.15 234 ePKP 31 38.60 3.9X
e 31 48.70
MOCB 148.34 183 PKP 31 43.10 6.1X
S.D. = 1.0 on 26 of 35 obs.

? JUN 22, 1994 19h 13m 19.30± 1.09s
44.340 N ± 9.5km 7.278 E ±10.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.6 (GEN).

STV 0.10 161 P 13 22.38 0.3
S 13 24.53
ENR 0.15 138 P 13 22.74 -0.2
S 13 25.54
PZZ 0.21 323 P 13 23.93 0.0
S 13 27.60
ISO 0.23 226 ePgd 13 24.14 -0.1
e(Sg) 13 27.23
e 13 27.42
S.D. = 0.3 on 4 of 4 obs.

? JUN 22, 1994 19h 18m 27.05± 1.23s
40.699 N ±11.0km 29.901 E ± 7.8km
DEPTH = 10.0km (geophysicist)

22d 19h

TURKEY (366)
ML 2.4 (ISK).

HRT 0.22 305 iPg 18 31.90 0.2
EYL 0.24 124 iPg 18 32.10 -0.1
eSg 18 34.80
YLV 0.42 252 iPg 18 35.30 -0.4
eSg 18 42.30
IZI 0.49 222 iPg 18 37.30 0.3
iSg 18 45.30
S.D. = 0.6 on 4 of 4 obs.

JUN 22, 1994 19h 23m 40.47± 0.49s
44.354 N ± 3.8km 7.304 E ± 4.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.9 (GEN), 1.9 (LDG).

STV 0.11 172 P 23 44.10 0.7
S 23 46.25
ENR 0.15 147 P 23 44.60 0.5
S 23 47.25
PZZ 0.21 316 P 23 45.74 0.6
S 23 49.04
ISO 0.25 227 iPgd 23 45.84 0.0
eSg 23 49.11
ROB 0.41 98 P 23 49.13 0.2
S 23 55.31
BHB 0.49 357 P 23 49.91 -0.5
S 23 56.36
SBF 0.50 169 Pg 23 50.30 -0.3
Sg 23 56.30
FIN 0.67 102 P 23 53.25 -0.5
S 24 02.40
FRF 0.92 211 Pg 23 57.80 -0.3
Sg 24 09.00
LRG 1.13 218 Pg 24 01.70 0.1
Sg 24 16.50
LMR 1.17 210 Pg 24 01.80 -0.5
Sg 24 17.00
S.D. = 0.5 on 11 of 11 obs.

JUN 22, 1994 19h 27m 03.85± 0.66s
44.956 N ± 3.9km 6.752 E ± 6.9km
DEPTH = 9.7 ± 5.1 km
FRANCE (538)
ML 2.4 (GEN), 2.1 (LDG).

RRL 0.04 147 P 27 05.82 -0.3
S 27 07.83
BHB 0.38 107 P 27 12.23 0.6
S 27 18.82
RSP 0.41 61 P 27 13.05 0.8
S 27 20.02
FOUF 0.43 177 ePgc 27 11.38 -1.2
eSg 27 17.59
PZZ 0.52 151 P 27 13.74 -0.6
S 27 21.33
LPG 0.54 360 Pg 27 14.90 0.0
Sg 27 21.80
LPL 0.56 359 Pg 27 15.00 -0.4
Sg 27 23.30
LSD 0.58 29 P 27 15.21 -0.5
S 27 23.91
STV 0.82 150 P 27 19.05 -0.8
S 27 30.49
ENR 0.87 147 P 27 19.96 -0.7
S 27 31.98
SBF 1.20 156 Pg 27 28.40 2.2
Sg 27 43.50
FIN 1.28 125 P 27 26.83 -0.8
PCP 1.34 107 P 27 28.77 0.1
FRF 1.40 183 Pg 27 29.40 0.0
Sg 27 48.10
LRG 1.53 191 Pg 27 31.70 0.5
Sg 27 51.90
LMR 1.63 186 Pg 27 33.80 1.1
Sg 27 54.70
S.D. = 1.0 on 16 of 16 obs.

& JUN 22, 1994 19h 36m 27.32s
34.089 N 116.418 W
DEPTH = 5.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 2.7 (GS).

RMR 0.18 313 P 36 31.18 0.1
PSP 0.31 200 P 36 33.18 -0.5
FRGC 0.44 138 P 36 35.84 -0.4
PNMC 0.52 102 P 36 37.22 -0.6
CTW 0.61 132 P 36 38.90 -0.7
PEC 0.65 253 iPc 36 39.14 -1.1
eS 36 47.72
COY 0.73 173 P 36 40.79 -1.1
CSP 0.81 285 iPc 36 42.19 -1.3
PLM 0.82 207 iPd 36 42.59 -1.3
eS 36 54.10
OLYC 0.88 222 P 36 43.20 -1.5
CO2 0.92 105 P 36 44.24 -1.2
GRP 0.98 43 P 36 45.04 -1.4
JULC 1.05 189 P 36 46.45 -1.2
SSK 1.06 277 iPc 36 46.84 -1.1
eS 37 01.95
CBKC 1.19 173 P 36 49.02 -1.0
GSC 1.25 345 eP 36 49.52 -1.6
LJB 1.28 293 P 36 50.18 -1.5
CFL 1.35 281 P 36 51.68 -1.2
LRRC 1.40 289 P 36 52.70 -0.9
XMS 1.63 332 P 36 57.66 0.9
DTP 1.66 315 P 36 55.38 -1.9
LHU 1.75 290 P 36 59.16 0.6
STTC 1.83 293 P 37 00.96 1.3
THC 2.03 294 P 37 04.40 1.7
TJR 2.13 297 P 37 05.90 1.8
ISA 2.31 313 eP 37 06.94 0.3
eS 37 39.26
ABL 2.44 289 ePn 37 08.45 -0.2
TPNV 2.86 3 eP 37 12.67 -1.9
BCH 3.21 291 (P) 37 19.92 0.4
29 obs. associated

JUN 22, 1994 20h 17m 44.87± 0.42s
33.742 N ± 9.0km 38.236 W ± 6.8km
DEPTH = 10.0km (geophysicist)
4.5mb (12 obs.)
NORTHERN MID-ATLANTIC RIDGE (403)

GRR 31.41 51 eP 24 04.10 -4.0X
TCF 33.06 56 eP 24 22.60 0.0
0.7s 4.50nm 4.5mb
BGF 33.53 55 eP 24 26.30 -0.4
SSF 34.05 54 eP 24 30.80 -0.4
SMF 34.23 55 eP 24 32.70 0.0
FRB 35.40 337 eP 24 42.50 0.0
0.7s 3.00nm 4.3mb
HAU 36.08 53 eP 24 48.40 -0.1
0.6s 2.80nm 4.3mb
GRF 39.45 51 eP 25 24.40 7.7X
Z 28s 0.10um 3.5MszX
GEC2 41.03 52 P 25 29.20 -0.6
0.7s 0.43nm 3.3mb X
e 25 31.50
e 25 36.50
e 25 51.00
BRG 41.28 49 e(P) 25 38.80 7.0X
1.6s 10.00nm 4.3mb
PRU 41.62 51 P 25 42.10 7.6X
2.2s 47.00nm 4.8mb
NB2 41.70 34 P 25 35.10 0.0
0.7s 2.00nm 4.0mb
KAF 48.98 34 iP 26 34.20 1.1
0.8s 6.40nm 4.7mb
RES 49.10 343 eP 26 34.00 0.1
WMOK 49.38 289 (P) 26 37.02 0.4
1.0s 8.14nm 4.7mb
MLR 49.59 56 eP 26 40.00 1.8
OBN 54.71 43 eP 27 15.00 -1.3
1.0s 17.00nm 5.0mb
i 27 22.00
BW06 55.21 302 eP 27 20.04 -0.3
1.2s 6.12nm 4.5mb
MBC 55.42 343 eP 27 21.00 -0.2
LPAZ 57.34 215 P 27 36.20 -0.1
LPB 57.53 214 P 27 38.50 1.1
MSU 58.42 298 eP 27 43.63 0.4
NEW 58.76 310 eP 27 44.52 -0.7
1.0s 10.54nm 4.9mb
MOCB 60.60 210 P 27 57.60 -1.1
INK 61.01 335 eP 28 00.50 0.2
1.0s 3.00nm 4.4mb
S.D. = 0.7 on 21 of 25 obs.

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* JUN 22, 1994 20h 34m 14.62± 0.57s
10.990 S ±13.4km 77.983 W ±11.4km
DEPTH = 41.7km (5 depth phases)
4.8mb (14 obs.)
NEAR COAST OF PERU (115)
Felt (IV) at Huacho and (III)
at Lima.

NNA 1.49 132 iPd 34 40.40 1.0
e 35 45.00
ARE 8.33 131 eP 36 22.00 5.9X
eS 38 10.00
LPAZ 10.93 120 P 36 50.50 -1.6
LPB 11.07 121 P 36 48.70 -5.2X
MOCB 15.63 132 P 37 59.60 5.4X
PEL 23.05 164 ePd 39 11.50 -5.8X
SOB1 36.54 91 eP 41 18.40 -0.2
ITR 39.02 90 eP 41 39.10 -0.3
FVM 50.09 347 iPd 43 05.09 -2.5
0.8s 15.36nm 5.1mb
epP 43 17.35 44km
ALQ 53.05 331 eP 43 30.14 -0.1
0.9s 6.74nm 4.6mb
epP 43 42.57 44km
TUC 53.26 325 iPd 43 32.75 1.1
0.5s 3.36nm 4.6mb
epP 43 44.82 43km
LMN 57.81 11 eP 44 04.00 -0.1
0.9s 6.00nm 4.7mb
TPNV 59.72 325 iPd 44 18.19 0.4
1.0s 122.90nm 6.0mb X
MEMM 61.76 324 iP 44 32.78 1.4
epP 44 44.74 41km
ELK 61.92 329 eP 44 31.71 -1.1
ULM 62.96 347 eP 44 42.00 2.9X
ORV 64.51 324 eP 44 50.24 0.7
epP 45 01.30 37km
JAQ 64.56 1 eP 44 47.00 -2.6X
LIC 74.59 80 P 45 52.26 0.5
0.8s 7.50nm 4.7mb
TIC 74.69 80 P 45 53.12 0.7
1.0s 25.50nm 5.1mb
FRB 74.86 4 eP 45 52.00 -0.3
KIC 74.90 80 P 45 54.20 0.6
0.9s 23.50nm 5.2mb
YKA 78.57 344 eP 46 11.80 -1.3
0.7s 4.00nm 4.5mb
INK 88.24 342 eP 47 02.50 0.2
0.9s 4.00nm 4.7mb
LPF 89.51 41 eP 47 09.50 0.7
LFF 89.83 44 eP 47 10.60 0.3
0.6s 4.25nm 4.9mb
LPO 90.06 44 eP 47 11.70 0.2
0.9s 8.70nm 5.1mb
FLN 90.08 40 eP 47 11.60 0.2
MBC 90.43 351 eP 47 13.00 0.5
0.8s 3.00nm 4.7mb
RJF 90.45 44 eP 47 13.30 0.1
0.9s 5.10nm 4.9mb
CAF 90.73 44 eP 47 14.80 0.2
0.9s 5.40nm 4.9mb
WB2 135.75 226 ePKP 53 32.20 -1.2
0.6s 3.00nm
WRA 135.76 226 PKP 53 33.20 -0.2
0.8s 1.80nm
BJI 148.46 339 ePKP 53 57.00 2.1X
1.0s 10.00nm
SSE 153.25 321 ePKP 54 09.20 6.9X
esP 54 22.00
S.D. = 0.9 on 27 of 35 obs.

? JUN 22, 1994 21h 02m 54.14± 0.98s
44.334 N ± 8.9km 7.244 E ± 9.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.6 (GEN).

STV 0.11 147 P 02 57.34 0.3
S 02 59.58
ENR 0.17 130 P 02 57.75 -0.2
S 03 00.50
PZZ 0.20 329 P 02 58.62 0.0
S 03 02.33
ISO 0.21 223 e(Pg)d02 58.60 -0.1
eSg 03 02.20
S.D. = 0.4 on 4 of 4 obs.

JUN 22, 1994 21h 26m 31.16± 0.81s
35.370 N ± 6.8km 4.024 W ± 8.6km

DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.2 (MDD).

EMEL 0.88 94 iPc 26 47.29 -0.7
eS 26 58.80
TAF 1.43 112 iPg 26 59.00 1.8
iSg 27 14.50
EGUA 1.51 14 eP 26 57.31 -0.9
eS 27 16.50
ERON 1.65 6 eP 26 59.79 -0.7
eS 27 20.60
ELOJ 1.78 357 eP 27 02.54 0.3
eS 27 24.10
EPRU 1.87 329 eP 27 04.84 1.4
eS 27 27.60
ECOG 1.94 11 eP 27 04.59 0.0
eS 27 27.30
IFR 2.06 207 iPg 27 05.50 -0.9
iSg 27 29.50
ENIJ 2.17 42 eP 27 07.44 -0.4
eS 27 32.30
EHUE 2.70 25 eP 27 15.63 0.2
eS 27 47.30
S.D. = 1.1 on 10 of 10 obs.

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* JUN 22, 1994 21h 37m 14.02± 1.02s
32.006 S ±18.7km 69.600 W ±18.6km
DEPTH = 140.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)
MD 3.8 (SAN).

ZON 0.91 60 iPd 37 37.30 -0.1
eS 37 52.30
JACH 1.08 231 iP+ 37 39.39 0.4
iS 37 57.00
FCH 1.44 204 iP+ 37 43.28 0.4
iS 38 03.74
PEL 1.46 219 iP+ 37 42.87 0.1
iS 38 02.68
ROCH 1.53 231 iP+ 37 44.18 0.4
iS 38 04.78
SAN 1.70 212 (P) 37 43.46 -2.0
iS 38 07.07
PCH 1.78 205 iP+ 37 46.75 0.2
iS 38 10.33
TACH 1.99 214 iP+ 37 48.93 0.1
iS 38 13.94
CHCH 2.12 204 iP+ 37 50.67 0.2
iS 38 16.85
LCCH 2.21 228 iP 37 51.65 0.1
iS 38 18.38
CACH 2.27 201 iP+ 37 53.09 0.7
iS 38 20.95
LNV 2.47 218 iPd 37 54.07 -0.7
(S) 38 22.42
S.D. = 0.8 on 12 of 12 obs.

JUN 22, 1994 22h 16m 49.77± 0.55s
51.646 N ± 4.5km 3.164 W ± 4.2km
DEPTH = 10.0km (geophysicist)
UNITED KINGDOM (533)
ML 2.1 (BGS).

HGH 0.22 92 iPgd 16 55.00 0.4
HTR 0.44 351 iPgc 16 59.10 0.4
HAE 0.55 44 iPgc 17 00.60 -0.2
HSA 0.62 280 iPgc 17 02.40 0.1
HEX 0.70 215 iPgc 17 03.30 -0.4
HCG 0.74 336 ePg 17 04.70 0.3
HPE 1.04 287 ePnd 17 09.30 -0.1
HTL 1.05 232 ePn 17 09.30 -0.3
eSn 17 22.80
WFB 1.17 333 ePn 17 11.60 0.0
eSn 17 27.50
YRH 1.49 323 ePn 17 16.20 -0.4
YRE 1.55 330 ePn 17 17.00 -0.3
eSn 17 37.90
YLL 1.62 338 ePn 17 17.80 -0.6
ECP 2.06 286 eP 17 26.00 1.3
eS 17 52.00
ECB 2.35 289 eP 17 30.00 1.0
eS 18 01.00
DLF 2.64 310 eP 17 32.00 -1.1
eS 18 03.00
S.D. = 0.7 on 15 of 15 obs.

JUN 22, 1994 23h 08m 35.72± 0.19s
44.557 N ± 1.4km 6.930 E ± 1.7km
DEPTH = 10.0 ± 1.9 km
FRANCE (538)
ML 2.9 (GEN), 2.7 (LDG).

FOUF 0.11 255 iPgc 08 38.60 0.1
eSg 08 40.49
SURF 0.11 228 Pg 08 38.82 0.0
PZZ 0.13 113 Pc 08 39.94 0.9
S 08 42.69
BHB 0.37 40 Pd 08 43.79 0.4
S 08 49.31
RRL 0.38 344 Pd 08 43.58 0.0
S 08 49.03
ISO 0.38 167 ePg 08 43.46 -0.1
iSg 08 48.15
STV 0.42 138 Pc 08 44.32 0.0
S 08 49.98
ENR 0.48 133 Pc 08 45.40 -0.1
S 08 51.61
RSP 0.64 21 Pd 08 48.57 -0.1
S 08 57.39
AUTN 0.67 147 Pg 08 48.97 -0.2
MVIF 0.68 166 Pg 08 49.45 0.1
Sg 08 58.37
ROB 0.72 111 Pc 08 49.88 -0.1
S 08 59.41
SAOF 0.73 142 Pg 08 49.99 0.0
Sg 09 00.02
AURF 0.73 157 Pg 08 50.10 0.0
Sg 08 59.52
SBF 0.78 152 Pg 08 51.00 0.0
Sg 09 01.70
CALN 0.80 182 Pg 08 51.53 0.1
Sg 09 02.08
REVF 0.88 159 Pg 08 53.07 0.5
LSD 0.92 10 P 08 53.20 -0.2
S 09 05.35
LPG 0.95 352 Pg 08 54.00 0.0
Sg 09 06.10
LPL 0.97 352 Pg 08 54.20 -0.1
Sg 09 05.70
FIN 0.98 110 Pc 08 54.19 -0.2
S 09 06.25
FRF 1.02 192 Pg 08 54.80 -0.1
Sg 09 07.90
GRN 1.09 310 Pg 08 56.51 0.3
Sg 09 10.75
PCP 1.16 90 Pc 08 57.30 -0.1
S 09 12.02
LRG 1.18 201 Pg 08 57.40 -0.2
Sg 09 14.00
CDR 1.22 224 ePd 08 59.00 0.6
LMR 1.26 194 Pg 08 59.00 -0.1
Sg 09 15.10
PGF 2.51 142 Pn 09 16.50 -0.8
Sn 09 45.70
SMF 3.01 315 Pn 09 24.60 0.3
Pg 09 31.20
Sg 10 09.90
LBF 3.19 321 Pn 09 26.90 0.0
Pg 09 36.30
Sg 10 16.20
AVF 3.36 313 Pn 09 29.20 -0.1
Pg 09 38.60
Sg 10 20.50
LOR 3.46 323 Pn 09 30.30 -0.4
Pg 09 40.20
SSF 3.46 318 Pn 09 30.60 -0.2
Pg 09 40.70
Sg 10 25.20
MAF 3.50 300 Pn 09 31.30 0.1
Pg 09 41.60
BGF 3.50 306 Pn 09 31.20 0.0
Pg 09 40.80
TCF 3.75 299 Pn 09 34.40 -0.5
Pg 09 45.60
S.D. = 0.3 on 36 of 36 obs.

% JUN 23, 1994 01h 09m 42.08± 0.75s
40.112 N ± 7.9km 27.482 E ± 7.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.0 (ISK).

EDC 0.37 51 iPg 09 50.00 0.2
iSg 09 56.00
KCT 0.68 78 iPg 09 54.30 -1.4
MFT 0.69 347 iPg 09 55.20 -0.6
iSg 10 06.20
EZN 0.93 253 iPn 09 59.70 -0.2
CTT 1.26 35 ePg 10 06.40 0.9
ISK 1.53 51 ePn 10 10.00 0.5
IZM 1.72 186 ePn 10 12.70 0.4
S.D. = 0.9 on 7 of 7 obs.

JUN 23, 1994 01h 59m 56.46± 0.24s
15.841 S ± 6.8km 168.307 E ± 9.6km
DEPTH = 25.6km (5 depth phases)
4.9mb (16 obs.)
VANUATU ISLANDS (186)

BKM 1.82 182 iPc 00 26.50 -0.1
DZM 6.44 196 iPc 01 31.30 -1.0
iS 02 46.10
NOUC 6.51 197 iPc 01 32.60 -0.5
iS 02 47.30
WRA 32.55 258 P 06 27.00 -0.9
0.8s 0.50nm 3.5mb X
ASPA 33.24 251 eP 06 34.10 0.2
0.9s 10.00nm 4.7mb
WOOL 45.04 242 iPc 08 11.30 -0.7
BJI 73.75 321 eP 11 29.00 -1.3
SPA 74.26 180 iPc 11 33.40 0.3
0.8s 6.25nm 4.7mb
LZH 79.80 312 eP 12 04.50 0.0
1.4s 28.00nm 5.1mb
SVW 81.91 17 eP 12 15.60 0.7
1.7s 25.20nm 5.0mb
SLKM 83.04 19 eP 12 19.60 -1.2
TTA 83.31 16 eP 12 21.60 -0.6
1.3s 8.20nm 4.7mb
PMR 84.21 19 eP 12 24.60 -2.0
1.3s 22.76nm 5.2mb
WDC 85.12 46 eP 12 31.79 0.2
1.3s 14.50nm 5.0mb
ORV 85.41 47 ePc 12 32.60 -0.5
1.1s 10.00nm 4.9mb
epP 12 40.65 25km
YBH 85.50 44 ePc 12 33.81 0.2
1.1s 10.00nm 5.0mb
epP 12 42.16 26km
TOA 85.54 20 eP 12 33.60 0.2
1.4s 50.50nm 5.6mb
CMB 85.58 49 ePc 12 33.80 -0.2
1.1s 10.00nm 5.0mb
epP 12 41.60 25km
MIN 85.66 46 ePc 12 33.82 -0.7
epP 12 41.97 26km
LBFM 85.89 45 eP 12 35.44 -0.3
ISA 86.05 51 eP 12 36.60 0.1
1.1s 10.75nm 5.0mb
PLM 86.42 54 eP 12 38.94 0.4
IMA 86.46 15 eP 12 36.89 -1.1
1.1s 9.25nm 4.9mb
FBA 87.11 17 ePc 12 38.75 -2.2
0.8s 2.14nm 4.4mb
BMW 87.24 40 eP 12 42.08 0.1
TPNV 88.20 51 eP 12 47.16 0.2
RMW 88.55 40 eP 12 48.22 -0.1
ARUT 90.59 51 eP 12 58.46 0.3
NEW 91.76 40 eP 13 02.33 -0.8
0.9s 4.62nm 4.9mb
e 13 10.84 27km
MSU 91.77 51 ePc 13 04.41 0.7
DUG 91.84 49 eP 13 03.80 -0.1
0.9s 2.63nm 4.7mb
PV09 94.03 51 ePc 13 13.82 -0.4
PV10 94.07 51 eP 13 13.83 -0.5
PV08 94.42 51 (P) 13 15.47 -0.6
GRT 108.97 57 (PKP) 18 30.56 4.8X
CDF 143.97 338 ePKP 19 28.10 -3.4X
1.1s 6.85nm
HAU 144.65 339 ePKP 19 30.50 -2.0
0.9s 7.35nm
FLN 145.91 347 ePKP 19 34.50 -0.1
1.0s 21.20nm
LDF 145.98 346 ePKP 19 34.70 0.0
1.1s 17.60nm
LOR 146.11 341 ePKP 19 35.50 0.5
1.1s 14.40nm
LBF 146.33 341 ePKP 19 36.10 0.7
1.3s 23.85nm

23d 02h

GRR 146.34 347 ePKP 19 36.00 0.7
1.2s 43.75nm
SSF 146.41 341 ePKP 19 36.50 1.0
1.3s 45.85nm
HYF 146.48 342 ePKP 19 36.90 1.3
LPL 146.61 336 ePKP 19 37.60 1.4
0.8s 5.90nm
LPG 146.62 336 ePKP 19 37.80 1.5
0.9s 7.20nm
SMF 146.67 340 ePKP 19 37.00 1.1
1.1s 11.70nm
AVF 146.70 341 ePKP 19 37.00 1.1
1.0s 7.20nm
LPF 146.72 347 ePKP 19 37.30 1.4
1.0s 21.60nm
BGF 147.06 341 ePKP 19 38.20 1.6
1.0s 14.60nm
PLDF 147.34 340 PKP 19 39.43 2.3X
AGO 147.42 341 PKP 19 39.59 2.4X
MAF 147.45 341 ePKP 19 39.40 2.2X
1.1s 12.20nm
TCF 147.50 342 ePKP 19 39.40 2.1X
1.2s 16.65nm
SBF 147.68 334 ePKP 19 39.60 1.9
1.1s 17.85nm
LSF 147.73 343 ePKP 19 39.90 2.3X
0.7s 5.30nm
PYM 147.73 341 PKP 19 40.68 2.9X
MFF 147.85 345 ePKP 19 40.40 2.6X
0.9s 16.85nm
PGF 148.01 330 ePKP 19 40.70 2.4X
1.1s 12.95nm
LBL 148.11 340 PKP 19 40.41 2.0X
FRF 148.26 334 ePKP 19 41.30 2.7X
0.9s 5.55nm
LRG 148.47 334 ePKP 19 41.90 3.0X
1.2s 12.50nm
LMR 148.50 334 ePKP 19 41.90 3.0X
1.0s 8.20nm
RJF 148.59 342 ePKP 19 42.50 3.4X
1.1s 15.15nm
CAF 148.77 341 ePKP 19 43.20 3.8X
LFF 149.15 343 ePKP 19 44.00 4.1X
LPO 149.25 342 ePKP 19 44.30 4.2X
EPF 151.01 342 ePKP 19 49.80 6.9X
S.D. = 1.0 on 49 of 68 obs.

% JUN 23, 1994 05h 24m 57.70± 0.58s
26.418 S ± 5.1km 27.457 E ± 6.1km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.4 (PRE).

PRY 0.51 178 eP 25 07.60 -0.3
S 25 13.60
KSR 0.75 317 eP 25 13.00 0.4
S 25 22.30
SLR 1.01 48 iPd 25 17.10 -0.2
S 25 29.00
SEK 1.90 176 eP 25 32.00 0.7
S 25 54.80
SWZ 2.05 248 eP 25 32.60 -0.8
S 25 57.00
BFT 2.44 73 eP 25 39.00 0.0
S 26 08.00
BOSA 2.84 219 eP 25 45.00 0.5
S 26 19.10
BLF 2.91 202 eP 25 45.50 -0.1
S 26 20.00
S.D. = 0.6 on 8 of 8 obs.

JUN 23, 1994 05h 30m 07.17± 0.35s
64.519 S ± 8.5km 175.220 E ±12.5km
DEPTH = 10.0km (geophysicist)
5.3mb (7 obs.) 5.3Msz (1 obs.)
BALLENY ISLANDS REGION (702)
Mw 5.5 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 62C
Centroid Location:
Origin Time 05:30: 9.4 0.2
Lat 64.61S 0.03 Lon 176.29E 0.08
Dep 15.0 FIX Half-duration 1.4
Moment Tensor; Scale 10**17 Nm
Mrr=-0.25 0.05 Mtt= 2.15 0.07
Mff=-1.90 0.08 Mrt= 0.48 0.18
Mrf= 0.33 0.20 Mtf=-0.88 0.06
Principal Axes:
T Val= 2.40 Plg= 9 Azm= 11
N -0.22 75 247
P -2.17 12 103
Best Double Couple:Mo=2.3*10**17
NP1:Strike=146 Dip=75 Slip= -3
NP2: 237 87 -165

SBA 13.65 188 eP 33 21.90 -0.9
SNZO 23.25 359 P 35 15.00 -0.1
S 39 33.00
SPA 25.63 180 eP 35 38.00 -0.1
0.9s 93.18nm 5.5mb
Z 16s 5.04um 5.1MszX
TOO 32.23 312 iPc 36 39.00 1.6
1.0s 76.00nm 5.6mb
CNB 33.15 319 iPd 36 46.80 1.3
0.9s 28.00nm 5.2mb
STKA 38.72 311 iPd 37 34.40 1.7
1.1s 63.80nm 5.2mb
NOUC 42.81 348 iPc 38 05.70 -0.8
DZM 42.83 348 iPc 38 06.10 -0.6
SYO 43.16 202 ePc 38 07.50 -1.3
BKM 47.05 351 iPc 38 39.00 -1.4
ASPA 48.87 307 iPc 38 54.30 -0.3
1.1s 58.90nm 5.5mb
i 39 00.20
WARB 49.24 297 eP 38 57.50 0.0
WB2 52.16 309 iPd 39 18.40 -1.3
0.9s 29.20nm 5.2mb
WRA 52.17 309 P 39 18.79 -1.0
0.9s 27.40nm 5.2mb
MOCB 82.63 125 P 42 30.70 -1.5
ARE 84.85 118 eP 42 45.00 1.6
CCH 86.00 123 eP 42 50.00 0.8
LPB 86.06 121 P 42 51.70 2.1
LPAZ 86.28 121 P 42 49.30 -1.6X
LZH 114.63 302 ePKP 48 45.00 -3.6X
MSU 117.24 57 ePKP 48 52.58 -1.0
PV10 118.27 60 ePKP 48 54.02 -1.6X
PV09 118.34 60 ePKP 48 59.83 4.0X
SRU 118.37 58 ePKP 48 57.02 1.4
WMOK 119.11 70 ePKP 48 54.64 -2.3X
DAU 119.24 57 ePKP 48 57.65 0.2
BW06 121.93 57 ePKP 49 00.12 -2.3X
LRM 123.55 53 ePKP 49 04.40 -1.0
e 49 10.50
NEW 124.12 48 ePKP 49 04.21 -2.0X
RSSD 125.12 60 ePKP 49 05.92 -2.6X
LHS 126.47 85 (PKP) 49 06.59 -4.5X
ZAK 127.35 310 ePKP 49 05.60 -6.6X
1.8s 34.00nm
e 51 21.50
PMR 128.59 21 ePKP 49 15.52 1.3
FBA 131.92 20 ePKP 49 18.09 -2.4X
ILT 132.20 3 ePKP 49 19.20 -1.7
IMA 132.23 17 ePKP 49 19.25 -2.0
MAIO 133.09 265 ePKP 49 29.00 5.2X
ULM 133.31 62 ePKP 49 29.50 5.9X
INK 137.42 25 ePKP 49 31.00 0.2
1.0s 3.00nm
RSNY 137.51 83 (PKP) 49 28.61 -3.2X
GAC 138.02 81 ePKP 49 28.50 -4.2X
BRVK 141.83 289 iPKP 49 40.00 0.7
1.8s 20.00nm
LMN 142.74 91 ePKP 49 40.50 -0.6
MAK 143.83 259 ePKP 49 44.00 1.0
JAQ 144.06 73 ePKP 49 43.00 -0.1
GRO 144.84 258 iPKPc 49 44.00 -0.8
2.0s 240.00nm
MBC 146.34 23 ePKPc 49 45.60 -0.7
1.0s 21.00nm
KIV 146.60 255 iPKPc 49 48.50 0.7
1.6s 116.00nm
SOC 147.52 252 ePKP 49 51.00 1.8
SVE 148.43 287 iPKPd 49 53.50 3.3X
Z 18s 0.40um 5.3Msz
N 18s 0.20um
E 18s 0.20um
RES 150.33 32 ePKP 49 56.00 3.4X
1.0s 15.00nm
VAY 151.94 227 ePKP 50 01.60 5.6X
OHR 152.30 225 ePKP 50 02.20 5.6X
SKO 152.89 226 ePKP 50 03.00 5.7X
i 50 20.00
FRB 153.20 62 ePKP 49 55.00 -2.0X
1.0s 15.00nm
pP 50 09.00
MLR 154.48 237 ePKP 50 01.00 1.4
GEC2 161.42 221 PKP 50 17.30 9.7X
1.0s 1.94nm
GRF 162.87 217 e(PKP)50 03.30 -5.6X
Z 22s 0.80um
e 54 53.70
e 57 46.70
S.D. = 1.2 on 35 of 58 obs.

% JUN 23, 1994 05h 37m 43.57± 0.59s
26.893 S ± 6.2km 26.724 E ± 5.3km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.3 (PRE).

BFS 0.05 96 iPc 37 45.00 -0.2
S 37 45.20
PRY 0.67 93 eP 37 56.80 -0.2
S 38 05.20
KSR 1.03 9 eP 38 03.00 -0.7
S 38 17.00
SWZ 1.28 257 eP 38 07.90 0.0
S 38 25.10
SEK 1.63 151 eP 38 13.20 0.0
S 38 33.40
SLR 1.81 51 iPd 38 16.70 0.9
S 38 38.50
BOSA 2.07 214 eP 38 20.20 0.8
S 38 46.10
BLF 2.26 192 iPd 38 21.40 -0.9
S 38 48.00
NWL 2.99 107 eP 38 35.60 2.9X
S 39 12.50
BFT 3.21 69 eP 38 36.00 0.1
S 39 18.50
S.D. = 0.7 on 9 of 10 obs.

% JUN 23, 1994 06h 10m 19.78± 0.76s
26.367 S ± 6.0km 27.378 E ± 7.9km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.4 (PRE).

PRY 0.57 171 eP 10 30.30 -0.8
S 10 36.30
KSR 0.66 319 eP 10 32.50 -0.5
S 10 42.50
SLR 1.03 52 eP 10 40.00 0.2
S 10 52.60
SEK 1.96 174 iPd 10 54.70 0.5
S 11 17.40
SWZ 2.01 246 eP 10 55.50 0.7
S 11 19.10
BOSA 2.84 217 eP 11 06.50 -0.1
S 11 38.30
S.D. = 0.8 on 6 of 6 obs.
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* JUN 23, 1994 06h 12m 20.04± 1.29s
50.420 N ±12.0km 18.983 E ±17.1km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.8 (GRF), 3.7 (VIE).

OKC 0.80 223 Pgd 12 34.70 -0.8
e 12 44.20
(Sg) 12 49.80
ZST 2.54 210 ePn 13 02.10 0.1
i 13 11.00
i 13 32.20
i 13 42.30
Lg 13 53.00
SRO 2.65 190 iPn 13 11.00 7.5X
i 13 38.20
VKA 2.77 220 iPgc 13 12.50 7.2X
i 13 47.40
iSg 13 57.60
PRU 2.89 263 Pn 13 06.80 -0.1
0.8s 66.00nm
Pg 13 14.50
eSg 13 49.40
BRG 3.24 280 iPg 13 21.10 9.2X
eSg 14 02.80
KHC 3.73 252 Pn 13 19.00 0.0
0.9s 37.00nm
Pg 13 25.00

e 13 52.50
eSn 14 08.00
eSg 14 14.00
HOF 4.55 271 ePn 13 32.90 2.4X
MOX 4.71 276 ePn 13 33.40 0.7X
iPg 13 49.80
iSg 14 50.30
BHG 4.84 238 iPd 13 50.60 16.0X
KBA 5.01 230 iPnc 13 38.00 0.9
i 13 57.00
iSg 14 58.00
GRF 5.05 265 ePg 13 28.40 -9.2X
e(Sg) 14 55.50
KAF 12.40 16 iP 15 19.10 -0.1
0.4s 1.50nm 4.6mb X
S.D. = 0.7 on 6 of 13 obs.

% JUN 23, 1994 06h 27m 49.44± 0.59s
26.439 S ± 5.4km 27.399 E ± 6.0km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.7 (PRE).

PRY 0.49 172 eP 27 58.90 -0.4
S 28 04.60
KSR 0.73 322 eP 28 03.50 -0.5
S 28 12.50
SLR 1.06 49 iPc 28 10.00 0.0
S 28 23.00
SEK 1.89 174 iPc 28 24.10 1.3
S 28 48.00
SWZ 2.00 248 iPd 28 25.40 1.1
S 28 51.20
BFT 2.49 73 eP 28 32.00 0.5
S 29 01.00
NWL 2.61 120 eP 28 32.60 -0.5
S 29 06.10
BOSA 2.79 219 eP 28 36.00 0.4
S 29 08.80
BLF 2.87 202 eP 28 35.60 -1.2
S 29 08.60
FRS 3.77 209 eP 28 49.00 -0.5
S 29 30.30
S.D. = 0.9 on 10 of 10 obs.

? JUN 23, 1994 06h 44m 45.63± 4.14s
18.871 N ±33.6km 67.399 W ±14.4km
DEPTH = 10.0km (geophysicist)
MONA PASSAGE (89)

IMO 0.90 213 P 45 03.00 0.2
MGP 0.91 161 P 45 02.30 -0.7
CLLP 1.11 135 P 45 07.30 0.9
SJG 1.40 122 iP 45 11.90 0.6
S 46 10.80
LPR 1.55 111 P 45 16.80 3.4X
CPD 1.63 120 P 45 13.50 -1.0
S.D. = 1.2 on 5 of 6 obs.

? JUN 23, 1994 07h 05m 23.59± 4.65s
46.568 N ±69.8km 155.023 E ±24.0km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
EAST OF KURIL ISLANDS (222)

KUSJ 8.11 248 eP 07 22.90 1.0
eS 08 49.90
ASAJ 9.06 259 eP 07 34.20 -0.8
HOOJ 9.37 248 eP 07 40.00 0.7
eS 09 18.70
MRRJ 10.79 252 eP 07 56.40 -2.3X
eS 09 48.10
OFUJ 12.32 237 eP 08 18.50 -1.0
WRA 68.79 201 P 16 26.50 0.1
0.9s 1.30nm 4.0mb
S.D. = 1.3 on 5 of 6 obs.

? JUN 23, 1994 07h 54m 47.80± 1.32s
39.208 N ± 9.0km 27.862 E ±14.5km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.94 210 ePg 55 06.20 0.1
eSg 55 19.70
KCT 1.11 20 ePn 55 08.70 -0.3
EDC 1.14 0 ePn 55 10.00 0.5
EZN 1.34 298 ePn 55 12.80 -0.2
S.D. = 0.6 on 4 of 4 obs.

? JUN 23, 1994 09h 05m 28.48± 3.52s
10.540 N ±18.2km 62.093 W ±23.4km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF VENEZUELA (97)
MD 3.1 (TRN).

TCE 0.37 65 iPd 05 35.89 -0.2
eS 05 43.08
TPP 0.67 109 eP 05 41.35 -0.4
eS 05 59.52
TRN 0.69 81 eP 05 41.03 -1.0
eS 05 59.10
TBH 1.01 93 eP 05 48.36 0.8
eS 06 08.01
BOT 1.49 65 eP 05 56.43 1.2
GRW 1.67 15 eP 05 57.57 -0.3
eS 06 20.06
S.D. = 1.1 on 6 of 6 obs.

JUN 23, 1994 09h 06m 23.75± 0.43s
35.996 N ± 5.8km 24.176 E ± 5.8km
DEPTH = 71.5 ± 6.3 km
3.9mb (12 obs.)
CRETE (370)
MD 3.7 (ATH).

VAM 0.59 178 ePn 06 38.00 0.3
VLI 1.23 306 ePn 06 44.50 -1.1
NPS 1.38 122 ePn 06 50.00 2.4
eSn 07 08.00
ATH 2.01 350 ePn 06 56.50 0.4
eSn 07 18.00
AGG 3.36 335 ePn 07 15.46 0.5
eSn 07 52.38
VLS 3.60 308 ePn 07 17.40 -0.9
PAIG 3.94 354 iPn 07 23.62 0.5
eSn 08 07.66
LIT 4.31 343 ePn 07 28.60 0.3
eSn 08 16.04
OUR 4.33 358 ePn 07 28.90 0.3
eSn 08 16.56
KSL 4.38 87 ePn 07 34.00 4.7X
IGT 4.66 320 ePn 07 32.86 -0.4
eSn 08 23.82
KZN 4.70 337 ePn 07 34.00 0.2
SOH 4.86 353 ePn 07 36.46 0.4
eSn 08 29.42
KEK 5.08 318 ePn 07 38.00 -1.0
SRS 5.13 355 ePn 07 40.10 0.3
GRG 5.14 345 ePn 07 40.46 0.5
KNT 5.25 349 ePn 07 42.20 0.7
eSn 08 38.88
FNA 5.26 336 iPn 07 41.66 0.0
VAY 5.46 347 ePn 07 43.00 -1.4
e 07 46.80
OHR 5.75 334 iPn 07 48.00 -0.5
SKO 6.34 341 ePn 07 55.00 -1.5
HRI 9.91 103 P 08 45.30 -0.5
YTIR 10.23 114 P 08 49.90 -0.2
MZDA 10.37 114 P 08 51.30 -0.5
SAGI 10.51 120 P 08 53.40 -0.4
PRNI 10.67 119 P 08 55.70 -0.4
MBH 10.93 122 P 08 58.50 -1.1
S 10 51.00
GEC2 14.97 332 P 09 50.90 -1.7
e 09 58.00
e 10 02.10
LPG 16.23 311 eP 10 10.70 1.8
CDF 17.58 320 eP 10 27.90 2.5
0.6s 3.50nm 3.8mb
HAU 17.83 318 eP 10 28.80 0.5
0.4s 2.85nm 3.8mb
SMF 18.56 311 eP 10 37.60 0.3
0.4s 1.80nm 3.6mb
LBF 18.64 312 eP 10 37.20 -1.0
0.8s 5.25nm 3.8mb
LOR 18.85 313 eP 10 40.50 -0.2
0.5s 3.05nm 3.8mb
SSF 18.96 312 eP 10 40.90 -1.0
0.9s 8.20nm 4.0mb
TCF 19.42 309 eP 10 46.10 -0.8
0.5s 1.40nm 3.5mb
LSF 19.84 308 eP 10 52.00 0.8
MFF 21.04 308 eP 11 03.90 0.3
0.6s 15.25nm 4.5mb
LDF 21.83 313 eP 11 12.00 0.5
0.6s 14.60nm 4.6mb
FLN 22.12 313 eP 11 14.40 0.1
LPF 22.15 311 eP 11 14.70 0.1
0.7s 10.15nm 4.4mb
GRR 22.19 312 eP 11 15.20 0.3
0.4s 3.85nm 4.2mb
EKA 26.90 325 P 12 00.00 0.5
0.7s 1.60nm 3.7mb
S.D. = 1.0 on 42 of 43 obs.

? JUN 23, 1994 09h 30m 53.97±12.91s
48.297 N ±41.9km 2.523 W ±91.5km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.5 (LDG).

LPF 1.03 104 Pg 31 13.20 -0.2
Sg 31 28.40
GRR 1.11 85 Pg 31 14.80 -0.1
Sg 31 29.30
FLN 1.43 70 Pg 31 19.50 -0.5
Sg 31 38.50
LDF 1.63 79 Pg 31 23.20 0.5
Sg 31 44.80
S.D. = 0.7 on 4 of 4 obs.

% JUN 23, 1994 09h 52m 00.30± 0.40s
44.557 N ± 3.3km 7.295 E ± 4.5km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.9 (GEN).

PZZ 0.15 250 P 52 03.67 -0.2
S 52 06.03
BHB 0.29 355 P 52 06.58 0.3
S 52 10.66
STV 0.31 176 P 52 07.13 0.3
S 52 11.29
ENR 0.34 165 P 52 07.55 0.1
S 52 11.56
ROB 0.49 122 P 52 09.96 -0.3
S 52 16.96
RRL 0.51 315 P 52 10.76 0.0
RSP 0.60 357 P 52 12.38 0.0
FIN 0.74 118 P 52 14.55 -0.3
S 52 24.38
IMI 0.77 146 P 52 15.44 0.0
S 52 25.71
PCP 0.89 91 P 52 17.79 0.3
S 52 29.87
LSD 0.91 354 P 52 17.70 -0.1
S.D. = 0.2 on 11 of 11 obs.

JUN 23, 1994 10h 23m 38.27± 0.25s
40.189 N ± 3.8km 142.416 E ± 5.0km
DEPTH = 50.2km (11 depth phases)
4.7mb (47 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

OFUJ 1.25 208 iPd 23 59.00 -0.6
S 24 14.60
AOMJ 1.60 284 P 24 05.30 0.7
HOOJ 2.29 16 eP 24 14.90 0.6
eS 24 42.40
MRRJ 2.45 336 eP 24 16.90 0.3
eS 24 46.30
YAMJ 2.73 223 P 24 20.70 0.1
eS 24 53.60
KUSJ 3.38 30 P 24 28.40 -1.4
eS 25 05.30
ASAJ 3.93 2 P 24 37.50 -0.1
NIIJ 3.97 223 P 24 38.60 0.4
KAKJ 4.35 205 P 24 41.20 -2.3
eS 25 32.90
MAT 4.92 224 eP 24 52.00 0.4
eS 25 47.00
CHJJ 4.94 214 P 24 50.80 -1.0
MTMJ 5.10 227 P 24 55.00 0.7
IIDJ 5.90 219 eP 25 05.30 -0.1
YSS 6.83 2 ePd 25 16.30 -1.9
1.0s 50.00nm 5.1mb
Z 18s 0.30um 4.5Msz
eS 26 33.00
TSRJ 6.89 230 P 25 20.90 1.8
WKYJ 8.07 225 P 25 37.50 1.9

23d 10h

YONJ 8.67 238 P 25 44.70 0.8
eS 27 31.30
TKSJ 9.11 230 P 25 50.10 0.2
SHNJ 10.86 240 P 26 15.60 1.8
SSE 19.46 249 Pd 28 02.50 -1.1
1.2s 23.00nm 4.3mb
BJI 20.05 278 eP 28 06.00 -3.8X
1.0s 7.00nm 3.9mb
Z 20s 0.30um 3.6Msz
CIT 23.05 310 eP 28 40.60 0.7
YAK 23.18 345 iPd 28 39.00 -2.0
0.8s 57.00nm 5.1mb
e 29 16.00 193kmX
eS 32 45.00
e 33 07.00
BOD 25.30 324 eP 29 01.80 0.4
ZAK 29.05 304 iPd 29 35.00 -0.6
1.4s 41.00nm 4.9mb
LZH 30.45 275 eP 29 47.50 -0.9
1.2s 25.00nm 4.8mb
Z 20s 0.30um 3.9Msz
ILT 34.85 25 iPc 30 09.40 -16.7X
1.2s 16.00nm
KMI 36.31 258 ePd 30 38.00 -1.2
1.0s 20.00nm 5.0mb
NVS 41.29 311 eP 31 19.80 -0.2
SVW 42.54 39 eP 31 31.80 1.5
1.0s 4.20nm 4.1mb
CHTO 42.89 253 eP 31 33.20 -0.3
BRW 43.21 24 (P) 31 40.04 4.5X
IMA 43.59 32 ePc 31 39.60 0.8
0.6s 4.50nm 4.4mb
PMS 45.47 39 eP 31 53.90 0.0
1.2s 18.20nm 4.8mb
FBA 46.03 34 eP 31 58.25 0.1
0.8s 0.93nm 3.8mb
KLU 47.19 38 (P) 32 07.49 0.0
INK 51.23 28 eP 32 38.50 0.2
0.6s 6.00nm 4.8mb
MBC 53.28 17 eP 32 53.50 -0.1
1.0s 3.00nm 4.3mb
pP 33 08.00 54km
SVE 53.34 317 iPc 32 53.80 -0.5
0.9s 60.00nm 5.6mb
Z 16s 0.50um 4.7MszX
E 16s 0.30um
RES 59.36 15 eP 33 36.00 -1.0
0.9s 4.00nm 4.5mb
pP 33 50.00 51km
WB2 60.29 189 iPd 33 42.40 -1.5
1.0s 5.10nm 4.6mb
WRA 60.29 189 P 33 42.00 -2.0
0.6s 2.60nm 4.5mb
GBA 62.27 264 P 33 55.80 -1.8
0.5s 8.00nm 5.1mb
DAG 62.71 355 iPd 33 58.30 -1.4
0.7s 7.53nm 4.9mb
ipP 34 14.00 58km
ASPA 64.02 189 eP 34 08.00 -0.8
1.1s 7.40nm 4.6mb
KAF 65.87 332 iP 34 19.10 -1.3
0.4s 4.30nm 4.8mb
NEW 67.34 45 eP 34 30.37 0.3
0.9s 4.90nm 4.5mb
epP 34 43.05 44km
NUR 67.54 332 iP 34 29.80 -1.2
0.3s 3.30nm 4.8mb
KIV 69.44 311 iPc 34 43.10 -0.1
1.2s 50.00nm 5.3mb
Z 17s 0.10um 4.1MszX
e 34 59.60 60km
LRM 71.36 45 eP 34 55.50 0.5
i 35 09.20 48km
HFS 71.54 336 eP 34 54.50 -1.0
0.4s 4.90nm 4.8mb
NB2 71.58 337 P 34 54.90 -0.9
1.0s 10.20nm 4.7mb
FRB 73.53 14 eP 35 07.00 -0.1
0.8s 7.00nm 4.6mb
pP 35 21.00 49km
TPNV 74.69 55 (P) 35 14.98 0.5
ULM 76.45 34 eP 35 31.50 7.5X
SRU 76.76 50 eP 35 26.96 0.7
epP 35 40.75 48km
PV10 78.12 50 ePd 35 35.13 1.3
ipPc 35 48.93 48km
PV08 78.21 49 eP 35 35.18 0.7
epP 35 48.84 47km
PRU 79.20 329 eP 35 40.00 0.8
ZST 79.55 326 eP 35 41.00 -0.1
KHC 80.26 329 P 35 45.30 0.3
e 35 59.00 47km
GEC2 80.44 328 P 35 45.60 -0.4
0.5s 1.13nm 4.1mb
e 35 49.20 11kmX
e 35 52.80
ALQ 81.97 51 eP 35 55.62 1.2
0.8s 2.38nm 4.3mb
CDF 83.25 332 eP 36 00.80 0.2
0.6s 2.55nm 4.4mb
HAU 83.93 332 eP 36 04.00 0.0
0.5s 2.20nm 4.4mb
LOR 85.44 333 eP 36 11.60 0.1
0.8s 6.45nm 4.8mb
LDF 85.59 336 eP 36 12.40 0.2
0.5s 2.25nm 4.6mb
LBF 85.64 333 eP 36 12.60 0.0
0.6s 3.80nm 4.8mb
SSF 85.74 333 eP 36 13.20 0.2
0.8s 5.65nm 4.8mb
LPL 85.89 330 eP 36 14.50 0.4
0.5s 3.50nm 4.8mb
LPG 85.90 330 eP 36 14.70 0.5
0.5s 5.10nm 5.0mb
SMF 85.98 333 eP 36 14.70 0.5
AVF 86.02 333 eP 36 14.80 0.4
0.8s 18.00nm 5.4mb
LPF 86.37 336 eP 36 16.70 0.6
0.6s 3.80nm 4.8mb
BGF 86.40 333 eP 36 16.60 0.3
0.5s 2.75nm 4.7mb
MAF 86.79 333 eP 36 19.10 0.9
0.6s 6.75nm 5.1mb
TCF 86.85 334 eP 36 19.10 0.6
0.8s 4.45nm 4.7mb
SBF 87.01 329 eP 36 19.20 -0.2
0.6s 2.80nm 4.7mb
LSF 87.11 334 eP 36 20.30 0.5
0.5s 9.70nm 5.3mb
MFF 87.35 335 eP 36 21.70 0.8
0.9s 9.15nm 5.0mb
LMR 87.82 329 eP 36 22.70 -0.5
0.6s 2.45nm 4.6mb
RJF 87.95 334 eP 36 24.50 0.7
1.0s 6.80nm 4.8mb
CAF 88.09 333 eP 36 25.40 0.9
LPO 88.60 333 eP 36 27.70 0.7
ITR 148.70 2 ePKP 43 21.00 3.0X
SOB1 149.01 6 ePKP 43 22.50 4.0X
S.D. = 0.9 on 80 of 86 obs.

JUN 23, 1994 10h 45m 10.21± 0.22s
13.740 S ± 5.2km 67.006 W ± 4.3km
DEPTH = 642.7km (2 depth phases)
4.4mb (50 obs.)
NORTHERN BOLIVIA (119)

LPAZ 2.76 203 P 46 32.50 -0.2
LPB 2.97 201 iPd 46 34.60 1.0
1.0s 480.00nm
CCH 3.72 167 iPd 46 38.00 0.3
MOCB 7.58 170 P 47 07.30 -0.7
NNA 9.75 279 eP 47 38.70 11.1X
0.7s 6.85nm
eS 49 19.00
BAO 18.49 98 eP 48 51.80 1.4
PEL 19.61 189 iP+ 48 58.50 -1.9
UFRS 21.88 140 eP 49 17.90 -3.0X
SOB1 25.97 83 eP 49 57.40 0.3
ITR 28.45 83 eP 50 18.20 -0.4
LHS 49.71 345 ePd 53 07.30 -0.6
PRM 49.75 343 iPd 53 07.80 -0.4
CVL 52.56 349 ePd 53 27.79 -0.6
ePcP 54 26.76
MIAR 54.25 333 ePd 53 38.55 -1.7
0.6s 15.03nm 4.5mb
LST 54.40 337 ePc 53 40.24 -1.0
LSCT 55.44 354 ePd 53 48.33 0.0
0.6s 36.14nm 4.8mb
ePcP 55 48.62
FVM 55.95 338 iPd 53 50.33 -1.6
0.3s 122.03nm 5.6mb X
epP 55 49.54 641km
HRV 56.12 356 eP 53 52.74 -0.3
0.6s 26.62nm 4.7mb
BINY 56.27 352 eP 53 53.91 -0.2
0.5s 29.86nm 4.8mb
TUL 56.39 332 iPd 53 54.00 -1.0
YSNY 56.93 350 ePd 53 58.24 -0.4
0.5s 31.18nm 4.8mb
STCO 57.75 350 P 54 03.60 -0.5
TYNO 57.77 349 P 54 03.60 -0.6
LBNH 57.87 356 eP 54 04.87 0.0
0.6s 18.94nm 4.5mb
ACTO 58.30 349 P 54 07.13 -0.6
WLVO 58.32 350 P 54 07.13 -0.7
RSNY 58.41 354 ePd 54 08.34 -0.1
0.9s 35.45nm 4.6mb
ACO 58.61 330 iPc 54 09.20 -0.7
LMN 59.34 2 ePd 54 14.10 -0.5
0.6s 11.00nm 4.3mb
GAC 59.66 353 eP 54 16.50 -0.1
JFWS 60.27 340 ePd 54 19.32 -1.4
0.4s 76.82nm 5.3mb
ALQ 61.19 323 ePd 54 26.78 -0.3
0.5s 7.91nm 4.2mb
GLD 64.00 328 eP 54 45.29 0.4
1.0s 19.34nm 4.4mb
LIC 64.63 76 P 54 47.82 -1.2
0.5s 12.00nm 4.5mb
TIC 64.77 76 P 54 48.66 -1.3
0.7s 5.00nm 3.9mb
KIC 64.94 76 Pd 54 50.00 -1.0
0.4s 20.00nm 4.8mb
PV08 65.00 325 eP 54 51.19 -0.2
ePcP 55 17.35
PV10 65.08 325 eP 54 50.91 -0.8
PV09 65.22 325 eP 54 52.63 0.0
SRU 66.42 324 iPd 54 59.69 -0.2
RSSD 66.73 332 ePd 55 01.60 -0.1
0.4s 7.19nm 4.5mb
epP 57 08.60 644km
MSU 66.98 323 iPd 55 03.79 0.5
iPcP 55 25.29
ARUT 67.26 322 ePd 55 05.61 0.6
CSP 67.61 316 eP 55 07.26 0.1
JAQ 67.68 354 ePd 55 05.20 -1.8
DAU 67.72 325 ePd 55 08.43 0.5
GSC 67.83 318 ePd 55 09.02 0.6
BW06 68.45 328 iPd 55 11.73 -0.4
0.5s 9.16nm 4.5mb
DUG 68.46 324 eP 55 12.41 0.3
0.7s 8.99nm 4.3mb
epP 57 17.93 627kmX
TPNV 68.47 319 iPd 55 13.16 0.9
ULM 68.57 341 ePd 55 19.40 7.0X
HVU 69.49 325 eP 55 17.96 -0.3
TNP 69.77 320 ePd 55 20.43 0.4
0.7s 7.62nm 4.3mb
PTI 70.00 326 eP 55 21.30 0.1
HHAI 70.30 326 eP 55 21.57 -1.3
BONR 70.38 319 eP 55 24.34 0.7
PKEM 70.46 317 (P) 55 24.76 1.0
MEMM 70.62 319 eP 55 25.90 1.3
e 55 52.91 106kmX
KVN 70.90 320 eP 55 26.76 0.2
LRM 72.06 328 ePd 55 33.40 0.3
ARN 72.13 317 eP 55 33.24 -0.2
NTYM 73.45 317 eP 55 41.43 0.7
WDC 74.58 319 eP 55 45.97 -1.0
0.5s 6.21nm 4.4mb
VIPM 75.66 324 P 55 54.59 1.5
JBO 75.79 325 P 55 54.97 1.4
NEW 76.07 328 eP 55 54.08 -1.0
0.5s 1.96nm 3.9mb
CROR 76.16 324 P 55 57.21 1.5
SPA 76.35 180 iPc 55 55.60 -0.9
0.6s 9.76nm 4.5mb
DBO 76.43 321 P 55 57.97 0.8
VBEM 76.55 324 P 55 59.05 1.2
SSOR 76.94 323 P 56 00.17 0.2
ASR 77.18 324 P 56 02.23 1.0
WTV 77.20 326 P 56 01.58 0.4
FRB 77.25 359 eP 56 00.50 -0.5
0.5s 4.00nm 4.2mb
LON 77.66 325 ePd 56 03.74 0.1
FMW 77.68 325 P 56 04.26 0.3
ELOJ 77.74 47 eP 56 05.00 0.7
EPLA 77.81 43 eP 56 05.80 1.2
ELUQ 77.85 46 eP 56 06.00 1.1
ERON 77.92 47 eP 56 08.00 2.6X

```
EGUA    78.01  47 eP     56 06.50    0.8
RMW     78.07 325 eP     56 05.65   -0.2
ERUA    78.29  41 eP     56 08.00    1.0
BMW     78.30 324 P      56 08.07    1.0
JCW     78.56 326 P      56 08.09   -0.2
GMW     78.66 325 (P)    56 08.93    0.1
EMON    78.71  40 eP     56 10.20    1.0
MCW     79.34 326 (P)    56 12.63    0.3
GUD     79.38  44 eP     56 14.00    1.1
        0.7s      0.02nm          1.7mb X
EVIA    79.58  46 eP     56 15.40    1.5
ETOR    80.88  44 eP     56 22.00    1.5
ECHE    81.07  46 eP     56 23.00    1.5
ECRI    81.39  42 eP     56 24.50    1.5
EROQ    82.56  45 eP     56 30.00    1.2
EPF     83.45  43 eP     56 33.40    0.1
        0.6s      5.30nm            4.3mb
LFF     84.53  41 eP     56 38.50    0.0
        0.6s      9.20nm            4.6mb
MFF     84.70  40 eP     56 38.80   -0.4
LPO     84.71  42 eP     56 39.40    0.1
        0.6s      3.95nm            4.2mb
LPF     84.80  38 eP     56 39.10   -0.5
        0.6s      4.95nm            4.3mb
GRR     85.07  38 eP     56 40.40   -0.5
        0.5s      8.95nm            4.7mb
RJF     85.19  41 eP     56 41.30   -0.3
        0.4s      1.60nm            4.0mb
CAF     85.38  42 eP     56 42.60    0.0
        0.5s      2.85nm            4.2mb
FLN     85.46  38 eP     56 42.40   -0.4
        0.6s      6.60nm            4.5mb
LSF     85.59  40 eP     56 43.30   -0.2
        0.4s      2.50nm            4.3mb
LDF     85.60  38 eP     56 43.00   -0.5
        0.5s      7.15nm            4.6mb
TCF     86.04  41 eP     56 45.10   -0.6
        0.4s      1.95nm            4.2mb
MAF     86.24  41 eP     56 46.30   -0.3
        0.6s      3.50nm            4.3mb
BGF     86.55  40 eP     56 47.80   -0.3
        0.7s      9.50nm            4.6mb
AVF     86.96  40 eP     56 49.30   -0.7
        0.7s      4.20nm            4.3mb
EKA     87.07  31 Pc     56 49.13   -1.2
        0.6s      3.80nm            4.3mb
SSF     87.17  40 eP     56 50.10   -0.9
SMF     87.21  41 eP     56 50.90   -0.3
        0.9s     15.90nm            4.8mb
LBF     87.43  40 eP     56 52.10   -0.2
LOR     87.47  40 eP     56 51.60   -0.8
        0.5s      3.30nm            4.3mb
LRG     87.66  44 eP     56 53.60    0.3
        0.8s      7.80nm            4.5mb
LMR     87.72  44 eP     56 53.70    0.1
        0.5s      5.25nm            4.5mb
FRF     87.89  44 eP     56 54.40    0.0
        0.5s      3.05nm            4.3mb
SBF     88.53  44 eP     56 57.50    0.1
        0.4s      3.95nm            4.6mb
LPL     88.65  42 eP     56 58.80    0.6
        0.5s      4.10nm            4.5mb
LPG     88.66  42 eP     56 59.00    0.7
        0.6s      5.50nm            4.5mb
PGF     89.16  46 eP     57 00.10   -0.3
        0.7s      2.20nm            4.1mb
HAU     89.31  40 eP     57 00.50   -0.4
BSF     89.52  40 eP     57 01.30   -0.7
        0.6s      4.35nm            4.5mb
RES     89.96 353 eP     57 04.50    1.2
CDF     90.03  40 eP     57 03.80   -0.5
        0.4s      2.20nm            4.4mb
GEC2    94.22  41 P      57 23.00   -0.4
        0.7s      1.36nm            4.2mb
INK     94.31 340 eP     57 23.00   -0.3
        0.6s      2.00nm            4.5mb
MBC     95.00 349 eP     57 26.50    0.2
WB2    140.48 213 iPKPc  03 23.50   -6.9X
        0.3s      1.70nm
                  i      03 29.30
WRA    140.49 213 PKP    03 23.80   -6.6X
        0.5s      0.60nm
NDI    143.65  60 iPKPd  03 54.50   18.9X
        0.5s     35.21nm
OFUJ   144.27 320 PKP    03 36.20   -0.2
GBA    145.47  86 PKP    03 38.10   -0.9
        0.6s      5.00nm

YAMJ   145.83 320 PKP    03 41.10    2.1
KAKJ   146.93 317 PKP    03 43.60    2.8X
NIIJ   147.06 320 PKP    03 43.90    2.9X
CHJJ   147.79 318 ePKP   03 46.50    4.3X
MAT    147.99 320 ePKP   03 46.00    3.5X
        0.7s      9.59nm
MTMJ   148.21 320 PKP    03 47.20    4.2X
IIDJ   148.83 318 PKP    03 48.60    4.7X
TSRJ   150.02 320 ePKP   03 51.70    6.1X
    S.D. = 0.8  on 127 of 141 obs.
-------------------------------------
   JUN 23, 1994  11h 39m 36.89± 0.46s
   38.805 N ± 4.1km   26.488 E ± 3.9km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                      (365)
      ML 3.8 (ISK), 3.6 (ATH), 3.5
      (THE).

PRK      0.47 339 ePb    39 48.00    1.5
IZM      0.73 124 ePg    39 50.50   -0.8
EZN      1.03 353 iPn    39 57.80    1.5
EDC      1.87  34 iPn    40 09.00   -0.2
BNT      1.90  35 iPn    40 09.00   -0.7
MFT      2.07  17 iPn    40 12.60    0.4
ALN      2.12 351 ePb    40 13.44    0.7
                  eSb    40 36.24
ATH      2.33 250 ePn    40 17.00    1.1
KHL      2.43 100 ePn    40 17.50    0.2
PAIG     2.45 298 ePn    40 16.60   -0.9
RDO      2.45 343 ePn    40 18.50    1.0
OUR      2.47 309 iPn    40 17.66   -0.1
                  eSn    40 42.96
CTT      2.77  32 ePn    40 22.20    0.0
KDZ      2.96 344 iP     40 24.00   -0.7
SOH      3.14 311 ePn    40 26.46   -1.0
DMK      3.17  17 ePn    40 27.20   -0.5
RZN      3.18 335 iPd    40 28.00   -0.1
SRS      3.21 317 iPn    40 26.46   -1.8
AGG      3.25 275 ePn    40 29.60    0.6
DIM      3.32 348 iP     40 30.00    0.1
MMB      3.49 324 iP     40 32.00   -0.4
PLD      3.57 338 iP     40 34.00    0.6
KNT      3.63 312 ePn    40 32.56   -1.7
GRG      3.81 306 ePn    40 36.52   -0.4
VAM      3.85 209 ePn    40 38.50    1.0
VAY      3.92 311 iPn    40 38.70    0.3
                  i      40 52.00
PGB      4.14 335 eP     40 41.00   -0.5
PVL      4.49 349 eP     40 44.00   -2.5X
VTS      4.53 328 iP     40 47.00   -0.2
SKO      4.99 311 ePn    40 47.00   -6.5X
TLB      5.89  11 eP     41 06.00   -0.3
CFR      6.49  10 eP     41 28.00   13.2X
CMP      6.55 351 iPd    42 04.00   48.4X
MLR      6.69 357 eP     41 18.00    0.2
VRI      7.06   1 eP     41 23.50    0.7
    S.D. = 0.9  on  31 of  35 obs.
-------------------------------------
 * JUN 23, 1994  11h 59m 21.78± 1.14s
   38.501 N ± 8.8km   20.434 E ±10.1km
   DEPTH =  33.0km  (normal)
 GREECE                          (364)
      ML 3.1 (THE). MD 3.3 (ATH).

VLS      0.35 159 ePb    59 30.50    0.3
                  eSb    59 39.40
KEK      1.31 338 ePg    59 43.50   -0.3
SRN      1.42 346 ePn    59 45.30   -0.1
AGG      1.57  70 ePb    59 47.30   -0.4
                  eSb    00 10.00
LSK      1.65   4 ePn    59 48.10   -0.8
KZN      2.08  29 ePb    59 57.00    1.9
KBN      2.14   7 ePn    00 01.00    5.1X
LIT      2.26  44 ePn    59 58.00    0.4
                  eSn    00 27.80
FNA      2.39  17 ePn    00 00.00    0.4
OHR      2.62   6 ePn    00 05.00    2.2
VLI      2.67 131 ePg    00 14.50   11.1X
PHP      3.18   0 ePn    00 02.70   -7.9X
VAY      3.26  30 ePn    00 10.70   -1.0
KNT      3.27  35 ePn    00 11.40   -0.4
                  eSn    00 52.00
OUR      3.30  55 iPn    00 12.48    0.1
SKO      3.55  12 ePn    00 20.00    4.1X
SDA      3.62 349 ePn    00 15.60   -1.2
ALN      4.95  59 ePn    00 34.50   -1.2
    S.D. = 1.1  on  14 of  18 obs.

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 % JUN 23, 1994  12h 16m 33.72± 0.94s
   26.439 S ± 8.4km   27.335 E ± 9.2km
   DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA        (584)
      ML 2.9 (PRE).

PRY      0.50 166 iPd    16 44.00    0.2
                  S      16 51.00
KSR      0.69 325 eP     16 54.00    6.4X
SLR      1.10  51 eP     16 55.00    0.0
                  S      17 10.00
SEK      1.89 172 eP     17 07.00   -0.2
                  S      17 30.00
SWZ      1.94 247 eP     17 08.00    0.2
                  S      17 31.00
BOSA     2.76 218 eP     17 19.20   -0.2
                  S      17 51.80
    S.D. = 0.2  on   5 of   6 obs.
-------------------------------------
 ? JUN 23, 1994  12h 33m 27.51± 1.12s
   42.711 N ± 7.4km    7.255 W ±10.7km
   DEPTH =  10.0km  (geophysicist)
 SPAIN                           (377)
      mbLg 2.8 (MDD).

ERUA     0.33 165 iP     33 34.31    0.0
                  eS     33 37.50
EMON     0.73 356 eP     33 41.84    0.0
                  eS     33 52.00
STS      0.97 281 eP     33 45.90    0.0
                  eS     33 57.90
EZAM     1.20 243 eP     33 50.00    0.0
                  eS     34 04.70
    S.D. = 0.1  on   4 of   4 obs.
-------------------------------------
 ? JUN 23, 1994  12h 39m 18.31± 1.18s
   28.038 S ±13.3km   26.756 E ±19.8km
   DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA        (584)

BLF      1.18 205 eP     39 40.50   -0.4
                  S      39 56.50
BOSA     1.31 244 iP     39 43.50    0.5
                  S      40 01.40
KSR      2.17   3 eP     39 55.00   -0.7
                  S      40 21.00
SLR      2.67  31 eP     40 03.50    0.7
    S.D. = 1.1  on   4 of   4 obs.
-------------------------------------
 * JUN 23, 1994  13h 46m 17.19± 0.66s
   10.728 S ±14.5km  112.600 E ±16.6km
   DEPTH =  33.0km  (normal)
   4.5mb (  2 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

LEM      6.27 308 ePc    47 51.00    1.1
NANU    12.10 167 eP     49 01.60   -8.6X
                  eS     51 06.00
MBL     12.48 147 eP     49 06.40   -9.0X
                  eS     51 13.00
WARB    20.31 141 eP     50 52.00   -1.3
                  eS     54 24.00
WOOL    21.96 159 eP     51 10.50    0.6
ASPA    24.03 125 iPc    51 31.60    1.3
         1.2s     12.10nm           4.3mb
                  eS     55 52.70
PGP     25.46  19 ePc    51 44.20    0.2
NST     28.99 335 eP     52 15.50   -0.7
STKA    34.06 133 eP     53 00.40   -0.2
         0.8s      9.20nm           4.8mb
                  i      53 07.40
GBA     42.44 304 P      54 10.00   -0.9
MOCB   148.17 183 PKP    06 03.40    4.1X
LPB    152.91 179 PKP    06 16.20    9.7X
LPAZ   153.15 178 PKP    06 15.10    8.0X
    S.D. = 1.1  on   8 of  13 obs.
-------------------------------------
 * JUN 23, 1994  13h 58m 46.77± 2.37s
   10.892 S ±17.6km  112.537 E ±18.6km
   DEPTH =  54.4 ± 26.6 km
   4.6mb (  5 obs.)
 SOUTH OF JAWA, INDONESIA        (282)

LEM      6.32 309 ePc    00 20.00    0.2
IPM     19.17 323 ePc    03 08.30   -0.7
WB2     22.85 116 iPc    03 46.30   -0.1
```

0.6s 24.40nm 4.8mb
e 07 11.40
ASPA 23.99 125 eP 03 58.20 0.7
0.9s 11.50nm 4.4mb
eS 08 21.10
PGP 25.63 19 ePc 04 12.30 -0.8
NST 29.11 335 eP 04 44.00 -0.7
CHTO 32.42 335 eP 05 15.00 1.1
STKA 33.99 132 iPd 05 26.90 -0.6
0.8s 19.70nm 5.1mb
KMI 37.05 345 eP 05 55.00 1.3
GBA 42.48 304 Pd 06 38.00 -0.5
0.6s 5.00nm 4.4mb
MAT 53.01 26 eP 07 56.00 -4.4X
0.9s 4.20nm 4.5mb
S.D. = 1.0 on 10 of 11 obs.

JUN 23, 1994 14h 35m 14.87± 0.98s
36.014 N ± 7.1km 4.572 W ± 5.9km
DEPTH = 114.1 ± 12.4 km
STRAIT OF GIBRALTAR (385)

EMAL 0.76 9 iPc 35 33.28 -1.0
eS 35 45.20
EJIF 0.85 301 iPd 35 35.61 0.4
eS 35 46.30
PLAT 0.97 277 eP 35 38.50 2.1
MOMI 0.98 289 eP 35 36.00 -0.5
eS 35 51.00
ALJ 1.06 309 iP 35 36.50 -1.0
eS 35 54.00
EPRU 1.09 331 iPc 35 38.24 0.6
eS 35 50.00
LIJA 1.11 323 eP 35 38.50 0.5
eS 35 51.00
EGUA 1.15 44 iPd 35 37.01 -1.3
eS 35 52.00
ERON 1.18 31 iPd 35 37.75 -1.0
eS 35 54.00
ELOJ 1.18 16 eP 35 39.38 0.7
eS 35 53.40
CNIL 1.25 287 eP 35 40.00 0.6
eS 35 59.00
GIBL 1.38 306 eP 35 39.50 -1.4
eS 35 55.50
ECOG 1.50 32 eP 35 43.56 1.2
eS 36 02.20
ELUQ 1.56 9 iPc 35 43.52 0.4
eS 36 01.10
EHOR 1.89 343 iPc 35 46.83 -0.2
eS 36 07.00
ENIJ 2.13 63 iP 35 50.20 0.0
eS 36 16.00
EBAN 2.24 16 iPc 35 51.74 0.1
eS 36 17.20
EVAL 2.35 313 eP 35 52.50 -0.5
eS 36 18.20
EHUE 2.40 41 eP 35 54.86 1.1
eS 36 22.50
IFR 2.53 191 iPg 35 55.20 -0.4
iSg 36 13.00
EVIA 3.10 32 eP 36 03.17 0.1
eS 36 36.30
PAB 3.53 3 ePn 36 08.00 -0.9
ePg 36 15.50
eSg 36 46.00
EPLA 4.22 344 iPc 36 17.67 -0.5
eS 37 03.00
GUD 4.63 4 eP 36 24.80 0.8
eS 37 12.40
ETOR 5.19 22 iP 36 31.60 0.1
eS 37 25.50
S.D. = 0.9 on 25 of 25 obs.

& JUN 23, 1994 16h 28m 17.42s
59.899 N 152.865 W
DEPTH = 110.4km
SOUTHERN ALASKA (2)
<AEIC>.

ILIM 0.19 345 eP 28 32.27 0.7
eS 28 44.66
INE 0.19 329 eP 28 32.52 0.8
eS 28 44.67
OPT 0.31 217 eP 28 32.78 0.8
eS 28 45.03
RED 0.52 5 eP 28 34.07 -0.8
eS 28 46.64
RS2 0.57 5 eP 28 34.62 -0.7
eS 28 47.31
RSO 0.57 6 eP 28 34.57 -0.7
eS 28 47.59
AUL 0.59 209 eP 28 34.61 -0.6
REF 0.60 8 eP 28 34.74 -0.7
eS 28 47.75
AUE 0.60 206 eP 28 34.30 -0.9
AUP 0.61 208 eP 28 33.92 -1.5
AUH 0.61 209 eP 28 34.85 -0.6
AUI 0.63 207 eP 28 34.92 -0.6
eS 28 48.01
HOM 0.66 111 eP 28 35.31 -0.4
eS 28 49.36
PDB 0.68 261 eP 28 35.04 -0.8
eS 28 48.66
DFR 0.70 7 eP 28 35.38 -0.8
eS 28 49.19
RDT 0.71 18 eP 28 35.42 -0.9
eS 28 49.09
NNL 0.80 79 iP 28 37.26 0.3
CNPM 0.91 114 iP 28 37.24 -0.8
eS 28 52.45
BRLK 1.01 97 eP 28 38.47 -0.6
eS 28 54.45
MCNL 1.04 227 eP 28 38.20 -1.1
eS 28 54.08
CDD 1.05 203 eP 28 38.20 -1.3
NKA 1.17 43 eP 28 41.90 1.2
BKG 1.21 14 iP 28 40.61 -0.7
eS 28 58.41
SYI 1.32 169 eP 28 41.29 -1.1
CKT 1.35 14 eP 28 41.95 -0.9
SPU 1.35 17 eP 28 41.98 -0.9
eS 29 01.09
CKN 1.37 14 eP 28 43.10 0.0
BGL 1.39 10 eP 28 42.82 -0.6
CP2 1.40 12 eP 28 42.70 -1.0
SLKM 1.45 64 eP 28 42.93 -1.2
SEW 1.73 82 eP 28 46.24 -1.2
SVW 1.83 313 eP 28 46.49 -2.2
MPA 1.85 70 eP 28 47.87 -1.1
SUA 1.89 33 eP 28 48.85 -0.7
PMS 2.12 49 P 28 51.50 -1.0
PTE 2.14 61 eP 28 51.58 -1.1
KDC 2.17 175 P 28 50.60 -2.4
SKT 2.19 17 eP 28 52.14 -1.2
PWA 2.29 39 P 28 53.70 -0.9
KNK 2.65 53 eP 28 57.02 -2.4
GHO 2.69 44 eP 28 58.53 -1.6
CUT 2.81 25 eP 29 01.10 -0.5
SML 2.93 47 eP 29 00.95 -2.3
HIN 3.22 78 eP 29 05.78 -1.4
VLZ 3.46 66 eP 29 09.36 -0.9
IL1 5.63 27 eP 29 37.45 -2.6
ILB 5.63 27 eP 29 37.52 -2.5
IM3 6.12 357 eP 29 45.10 -1.7
48 obs. associated

JUN 23, 1994 16h 52m 23.54± 0.49s
41.204 N ± 5.1km 21.987 E ± 3.4km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.1 (THE), 1.9 (SKO).

GRG 0.40 128 iPg 52 31.57 0.0
eSg 52 38.36
VAY 0.45 75 iPg 52 33.00 0.3
0.2s 110.00nm
iSg 52 41.00
FNA 0.62 228 iPg 52 35.89 -0.2
eSg 52 44.92
KNT 0.69 93 ePg 52 36.60 -0.7
SKO 0.87 332 iPg 52 41.00 0.3
Sg 52 53.00
OHR 0.90 264 iPg 52 41.00 -0.3
eSg 52 55.70
THE 0.94 127 ePg 52 41.66 -0.2
eSg 52 55.90
SOH 1.10 110 ePg 52 44.50 -0.2
eSg 53 00.74
LIT 1.17 161 ePb 52 45.94 0.1
eSb 53 03.42
SRS 1.22 94 ePb 52 46.30 -0.3
eSb 53 03.36
OUR 1.75 119 ePb 52 55.18 0.5
eSb 53 19.76
PAIG 1.81 134 ePb 52 56.40 0.8
S.D. = 0.5 on 12 of 12 obs.

JUN 23, 1994 17h 29m 25.66± 0.48s
44.080 N ± 3.2km 8.080 E ± 3.7km
DEPTH = 5.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.1 (GEN).

FIN 0.16 36 Pc 29 30.05 1.1
S 29 32.42
IMI 0.22 219 Pd 29 31.29 1.1
S 29 34.47
ROB 0.26 325 Pd 29 31.66 0.7
S 29 34.96
ENR 0.50 287 P 29 35.73 0.1
S 29 42.41
SBF 0.51 245 Pg 29 36.80 0.8
Sg 29 42.80
STV 0.57 287 P 29 37.25 0.2
S 29 44.59
PCP 0.57 36 P 29 37.46 0.4
S 29 44.91
ISO 0.75 278 ePg 29 40.46 -0.2
iSg 29 50.56
PZZ 0.82 301 P 29 41.47 -0.7
S 29 52.09
BHB 0.96 323 P 29 43.94 -0.5
S 29 55.93
FRF 1.16 244 Pg 29 48.30 0.5
Sg 30 03.60
RSP 1.22 332 P 29 48.21 -0.7
S 30 03.18
RRL 1.25 313 P 29 49.01 -0.5
S 30 05.03
LMR 1.36 237 Pg 29 50.80 -0.4
Sg 30 08.00
LRG 1.39 244 Pn 29 51.70 0.0
Pg 29 52.90
Sg 30 10.40
LSD 1.53 335 P 29 53.61 -0.3
S 30 13.11
PGF 1.67 156 Pn 29 54.30 -1.5
Sn 30 13.40
LPG 1.70 327 Pn 29 56.70 0.2
Pg 30 00.50
Sn 30 19.20
LPL 1.73 327 Pn 29 56.90 0.2
Pg 30 00.60
Sn 30 19.10
SMF 3.94 312 Pn 30 28.10 0.0
LBF 4.09 317 Pn 30 30.30 0.0
AVF 4.29 311 Pn 30 32.90 -0.2
CAF 4.39 283 Pn 30 34.00 -0.5
S.D. = 0.7 on 23 of 23 obs.

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* JUN 23, 1994 17h 46m 16.94± 2.35s
23.171 S ±15.6km 179.120 E ±17.1km
DEPTH = 574.8 ± 26.3 km
4.8mb (8 obs.)
SOUTH OF FIJI ISLANDS (171)

DZM 11.76 273 iPc 48 53.10 -0.4
CNB 28.53 238 iPd 51 30.10 1.1
0.3s 22.00nm 5.3mb
CAN 28.82 238 iPc 51 32.00 0.6
BWA 29.04 240 eP 51 31.80 -1.5
TOO 32.18 236 iPc 52 00.60 0.7
0.3s 26.00nm 5.3mb
STKA 34.25 247 iPc 52 17.90 0.6
0.4s 12.30nm 4.9mb
ASPA 41.36 260 iPc 53 15.00 -0.2
0.5s 16.90nm 4.8mb
ipP 53 31.10 64kmX
iPcP 55 31.10
iS 58 48.90
WB2 41.64 266 iPd 53 16.60 -0.8
0.3s 10.50nm 4.8mb
i 53 31.30
iScP 58 00.90
iS 58 51.20
WRA 41.65 266 P 53 17.60 0.1
0.6s 2.30nm 3.9mb
NANU 58.16 257 iPd 55 18.30 -0.4
0.3s 4.00nm 4.2mb
SPA 66.97 180 iPd 56 15.10 0.4

1.0s 15.00nm 4.5mb
RMW 88.08 36 ePd 58 07.80 0.1
HVU 90.17 44 iPc 58 17.94 0.4
SRU 90.29 47 eP 58 18.15 -0.1
SOB1 129.32 125 ePKP 04 21.80 -1.0
ITR 131.46 127 ePKP 04 25.40 -1.4
KAF 136.90 342 ePKP 04 35.70 0.0
NUR 138.67 341 iPKP 04 39.90 1.0
NB2 141.24 351 PKP 04 37.60 -6.0X
0.5s 2.60nm
EKA 147.84 2 PKP 04 56.00 1.3
1.1s 11.70nm
MLR 148.85 322 ePKP 05 02.00 5.2X
DCN 149.48 8 ePKP 05 01.70 4.4X
DLF 149.62 7 ePKP 05 01.80 4.3X
CLL 149.92 343 iPKPd 05 03.40 5.4X
0.8s 43.00nm
PRU 150.63 340 iPKPd 05 05.00 5.9X
0.8s 13.70nm
MOX 150.90 344 iPKPd 05 05.80 6.3X
1.3s 17.00nm
e 07 20.40
ZST 151.22 335 ePKP 05 05.20 5.2X
KHC 151.69 340 PKP 05 08.50 7.7X
e 05 19.50
GRF 151.87 343 ePKP 05 08.10 7.1X
GEC2 151.90 339 PKP 05 07.60 6.4X
0.8s 4.49nm
e 05 10.00
e 05 19.90
e 07 16.20
e 07 21.30
BCAO 153.56 228 ePKPc 05 13.00 8.6X
0.8s 7.00nm
i 05 29.00
LIC 162.68 166 PKP 05 14.69 -0.2
1.0s 18.50nm
KIC 162.88 167 PKP 05 15.03 0.0
0.8s 6.50nm
TIC 163.09 166 PKP 05 15.01 -0.3
0.8s 6.00nm
S.D. = 0.8 on 22 of 34 obs.

? JUN 23, 1994 18h 57m 18.00± 5.74s
10.371 N ±32.5km 62.248 W ±40.1km
DEPTH = 33.0km (normal)
NEAR COAST OF VENEZUELA (97)
MD 3.8 (TRN).

TCE 0.58 56 iP 57 30.20 0.4
eS 57 42.57
TPP 0.79 94 eP 57 32.16 -0.5
eS 57 45.84
TRN 0.88 72 eP 57 33.51 -0.4
eS 57 48.04
TBH 1.17 84 eP 57 39.00 0.9
eS 57 56.21
BOT 1.70 62 eP 57 45.30 -0.4
GRW 1.87 18 eP 57 48.21 -0.1
eS 58 11.82
SVB 3.04 19 eP 58 05.21 0.2
eS 58 45.77
SVV 3.10 19 eP 58 05.64 -0.1
eS 58 47.06
S.D. = 0.6 on 8 of 8 obs.

JUN 23, 1994 20h 11m 28.78± 0.94s
37.697 N ± 5.0km 37.077 E ±15.6km
DEPTH = 10.0km (geophysicist)
4.2mb (6 obs.)
TURKEY (366)
ML 4.3 (BHL).

GAZ 0.53 168 iPn 11 39.00 -0.6
BNN 1.49 321 iPn 11 55.50 -0.2
KVT 3.47 347 iPn 12 20.00 -4.0X
FAM 3.66 224 eP 12 30.00 3.3X
BHL 3.96 197 Pn 12 30.00 -0.9
Sn 13 40.00
CSS 4.07 229 eP 12 31.50 -1.0
HRI 4.55 194 P 12 39.60 0.3
KSHT 4.81 193 P 12 42.60 -0.4
ADI 4.85 199 P 12 49.80 6.2X
MMR 4.89 197 P 12 49.20 5.0X
ATZ 5.08 197 P 12 51.60 4.8X
S 14 14.60
GLH 5.11 194 P 12 46.50 -0.7
GVMR 5.25 196 P 12 49.70 0.5
MML 5.42 195 P 12 53.80 2.1
HMDT 5.57 194 P 12 54.10 0.4
JVI 5.93 194 P 12 58.80 0.1
TAB 7.33 84 eP 13 41.00 22.5X
KER 8.78 109 eP 13 44.00 5.1X
OBN 17.41 359 eP 15 33.00 -0.1
1.0s 13.00nm 4.0mb
e 15 54.00
MAIO 17.96 88 eP 15 32.00 -8.2X
GEC2 20.26 311 Pn 16 05.20 -1.8
0.8s 3.26nm 3.7mb
e 16 08.60
e 16 12.10
PRU 20.28 314 eP 16 06.80 -0.3
KHC 20.45 311 eP 16 10.30 1.3
GRF 22.09 311 eP 16 26.20 0.7
SBF 23.20 295 eP 16 39.30 2.7X
0.8s 6.30nm 4.2mb
LPG 23.88 299 eP 16 44.60 1.2
0.9s 7.20nm 4.3mb
LPL 23.89 299 eP 16 44.40 0.9
CDF 24.12 306 eP 16 46.40 0.9
BSF 24.29 304 eP 16 48.00 0.8
1.2s 10.10nm 4.3mb
LOR 26.13 302 eP 17 03.30 -1.2
0.9s 6.20nm 4.3mb
SSF 26.33 302 eP 17 04.70 -1.7
S.D. = 1.1 on 22 of 31 obs.

? JUN 23, 1994 22h 00m 34.34± 1.12s
26.817 S ±13.5km 26.732 E ±10.5km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
KSR 0.96 9 eP 00 59.50 6.3X
S 01 07.00
SWZ 1.31 254 eP 00 58.50 -0.6
S 01 17.00
SEK 1.70 152 eP 01 04.30 -0.6
S 01 24.00
SLR 1.76 53 iPd 01 06.00 0.2
S 01 27.60
BOSA 2.14 213 eP 01 12.10 1.0
S 01 39.60
S.D. = 1.3 on 4 of 5 obs.

& JUN 23, 1994 22h 15m 11.97s
40.214 N 121.344 W
DEPTH = 4.5km
NORTHERN CALIFORNIA (36)
<GM-P>. MD 2.8 (GM).

LCMM 0.15 244 P 15 15.36 0.2
MIN 0.24 303 P 15 16.69 -0.2
LRDM 0.27 340 P 15 17.62 0.3
LCFM 0.30 333 P 15 18.42 0.2
LMEM 0.37 332 (P) 15 19.29 -0.1
LDBM 0.40 303 P 15 19.71 -0.3
MGL 0.43 202 P 15 20.20 -0.5
ORV 0.67 190 eP 15 24.09 -1.2
eS 15 34.32
ORAM 0.75 184 P 15 25.84 -1.1
OHCM 0.88 187 P 15 29.43 0.0
WDC 0.98 292 eP 15 29.23 -1.9
OSUM 1.02 203 P 15 31.67 -0.1
AVRM 1.19 177 P 15 33.09 -1.5
LBFM 1.21 340 eP 15 34.22 -0.9
APRM 1.34 176 P 15 35.86 -1.3
AFRM 1.42 180 P 15 37.04 -1.5
CMB 2.30 161 eP 15 51.21 -0.1
KVN 2.76 114 (Pn) 15 57.78 -0.2
WVOR 3.01 42 ePn 16 01.22 -0.2
19 obs. associated

? JUN 24, 1994 00h 29m 35.09± 5.06s
44.922 N ±12.9km 6.721 E ±35.6km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.0 (GEN).

RRL 0.05 93 P 29 36.94 -0.5
S 29 39.09
BHB 0.39 102 P 29 43.21 0.0
S 29 49.20
RSP 0.44 59 P 29 44.40 0.2
S 29 50.58
PZZ 0.50 147 P . 29 44.95 -0.3
S 29 52.50
ENR 0.86 144 P 29 52.04 0.4
S.D. = 0.5 on 5 of 5 obs.

% JUN 24, 1994 00h 50m 45.75± 0.60s
26.890 S ± 6.1km 26.716 E ± 6.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.6 (PRE).

BFS 0.06 97 iPd 50 47.20 -0.3
S 50 47.60
KSR 1.03 9 eP 51 06.00 0.1
S 51 19.50
SWZ 1.27 257 iPc 51 09.70 -0.2
S 51 29.40
SEK 1.64 151 eP 51 16.00 0.5
S 51 36.60
SLR 1.82 51 eP 51 18.00 0.0
S 51 41.00
BOSA 2.07 214 eP 51 22.50 1.0
S 51 48.50
BLF 2.26 192 eP 51 24.00 -0.5
S 51 53.00
FRS 3.10 203 eP 51 35.60 -0.6
S 52 04.50
BFT 3.22 69 eP 51 46.50 8.4X
S 52 21.50
S.D. = 0.6 on 8 of 9 obs.

? JUN 24, 1994 01h 05m 42.65± 7.23s
23.966 S ±52.7km 177.771 W ±39.6km
DEPTH = 316.0 ± 54.6 km
4.8mb (5 obs.)
SOUTH OF FIJI ISLANDS (171)

BKM 14.49 293 iPc 08 56.00 0.0
DZM 14.66 274 iPc 08 58.60 0.6
NOUC 14.78 274 iPc 08 59.50 0.3
PMG 36.45 287 eP 12 19.00 -0.8
ASPA 44.04 260 iPc 13 21.40 -0.3
0.9s 15.10nm 4.3mb
WRA 44.44 265 P 13 23.20 -1.6
0.7s 4.50nm 3.9mb
BJI 88.50 315 eP 17 59.00 -1.7
2.0s 32.00nm 4.9mb
Z 20s 0.30um 4.7Msz
BDT 90.91 288 eP 18 12.50 0.2
KMI 91.10 297 ePd 18 15.00 1.6
1.0s 20.00nm 5.0mb
pP 18 23.00 25kmX
sP 18 26.00
LRM 91.24 39 eP 18 13.30 -0.3
CHTO 91.61 290 iPd 18 17.50 2.0
1.0s 25.50nm 5.1mb
MLR 151.19 324 ePKP 24 57.00 3.3X
OKC 151.34 338 PKP 25 07.20 13.7X
BRG 151.64 344 iPKP 24 55.80 1.8X
0.7s 10.00nm
i 25 07.50
PRU 152.30 343 ePKP 25 04.50 9.6X
e 25 08.50
MOX 152.39 347 ePKP 25 09.10 14.1X
SRO 152.98 336 ePKP 25 13.20 17.3X
ZST 153.09 338 ePKP 25 13.80 17.7X
KHC 153.34 343 ePKP 25 04.00 7.5X
e 25 12.00
GRF 153.37 347 e(PKP)24 43.60 -12.9X
Z 17s 0.10um 4.7MszX
e 25 09.40
GEC2 153.57 343 PKP 24 51.50 -5.4X
0.9s 0.49nm
S.D. = 1.4 on 11 of 21 obs.

? JUN 24, 1994 01h 32m 36.59± 3.34s
30.252 N ±48.5km 52.006 E ±58.2km
DEPTH = 33.0km (normal)
4.0mb (4 obs.)
NORTHERN IRAN (348)

KER 5.82 316 eP 34 03.00 -0.1
VRI 25.14 315 iPc 38 15.20 15.2X
MLR 25.44 314 ePd 38 12.50 9.5X
SBF 37.63 304 eP 39 50.50 0.4
LPG 38.30 306 eP 39 58.00 1.9
0.6s 2.55nm 4.2mb

SMF 40.45 308 eP 40 12.80 -0.7
0.7s 3.30nm 4.2mb
SSF 40.73 308 eP 40 15.20 -0.6
0.6s 1.25nm 3.8mb
NB2 40.82 331 P 40 16.50 0.1
0.8s 1.90nm 3.9mb
LFF 42.49 305 eP 40 29.20 -1.0
S.D. = 1.2 on 7 of 9 obs.

? JUN 24, 1994 02h 12m 32.92± 5.42s
32.449 S ±33.9km 71.807 W ±25.8km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.7 (SAN).

ROCH 0.85 128 iPd 12 49.51 0.0
iS 13 00.00
LCCH 1.04 169 iP+ 12 52.45 -0.1
iS 13 04.97
JACH 1.05 103 iP+ 12 52.95 0.1
iS 13 06.51
PEL 1.17 127 iP+ 12 54.71 -0.1
iS 13 08.77
TACH 1.41 149 iP+ 12 58.32 -0.3
iS 13 14.35
LNV 1.54 168 iP 13 00.19 -0.2
iS 13 19.06
FCH 1.55 125 iPd 13 00.50 -0.4
iS 13 19.61
PCH 1.60 137 iPd 13 01.07 -0.3
iS 13 20.95
CHCH 1.77 147 iPd 13 04.05 0.2
iS 13 25.38
CACH 1.95 149 iP 13 07.43 1.0
iS 13 31.21
S.D. = 0.4 on 10 of 10 obs.

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* JUN 24, 1994 03h 07m 58.90± 0.91s
9.202 S ±21.7km 113.646 E ±11.4km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.42 291 ePc 09 34.50 0.7
AAI 15.46 70 eP 11 35.50 -0.7
TLE 19.27 81 ePc 12 24.70 0.9
WARB 20.91 146 eP 12 36.00 -5.2X
eS 16 10.00
WOOL 23.04 162 eP 13 06.70 4.4X
iS 16 44.00
ASPA 24.12 129 iPc 13 14.30 1.4
0.6s 18.50nm 4.8mb
eS 17 44.30
STKA 34.36 135 iPc 14 44.20 -0.8
0.7s 14.90nm 5.0mb
ITR 146.95 238 ePKP 27 37.30 -1.4
S.D. = 1.5 on 6 of 8 obs.

? JUN 24, 1994 03h 11m 53.64± 2.12s
17.179 N ±27.5km 61.705 W ±28.2km
DEPTH = 90.0km (geophysicist)
LEEWARD ISLANDS (92)

BPA 0.20 228 iPd 12 07.68 -0.1
S 12 18.96
SEG 0.80 166 eP 12 11.50 0.2
S 12 25.00
SFG 1.04 152 eP 12 13.90 -0.2
DEG 1.06 144 ePd 12 14.77 0.4
S 12 32.05
PAG 1.14 179 eP 12 15.80 0.4
MGG 1.31 163 iPd 12 16.64 -0.7
S 12 34.70
S.D. = 0.5 on 6 of 6 obs.

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* JUN 24, 1994 03h 36m 43.18± 0.88s
52.697 N ±14.6km 174.418 W ±17.9km
DEPTH = 210.7 ± 12.4 km
4.1mb (10 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK 1.61 241 iPc 37 19.02 -0.1
eS 37 45.99
SDN 8.61 67 eP 38 44.60 -0.5
SVW 13.24 43 ePc 39 46.10 1.9
0.5s 17.70nm 4.7mb
KDC 13.47 59 eP 39 45.48 -1.5
0.6s 26.04nm 4.8mb
TTA 14.13 36 eP 39 56.20 1.0
0.7s 4.90nm 4.0mb
PWA 15.95 46 eP 40 18.10 0.7
0.6s 10.90nm 4.5mb
IMA 16.94 30 eP 40 28.15 -1.1
0.8s 4.83nm 4.0mb
KLU 17.67 49 (P) 40 36.26 -0.8
TOA 17.75 47 eP 40 37.80 0.0
0.4s 10.80nm 4.6mb
FBA 18.24 38 eP 40 42.02 -0.9
0.4s 0.90nm 3.6mb
NEW 35.90 74 eP 43 24.29 -0.2
0.9s 3.07nm 3.9mb
DUG 42.96 81 eP 44 23.61 0.7
0.5s 1.55nm 3.7mb
BW06 43.34 76 iPc 44 25.60 -0.4
0.5s 2.62nm 4.0mb
MSU 44.41 83 (P) 44 35.05 0.5
SRU 45.02 81 eP 44 40.19 0.9
PV10 46.38 81 eP 44 49.77 -0.4
S.D. = 1.0 on 16 of 16 obs.

JUN 24, 1994 04h 23m 13.92± 0.99s
39.891 N ± 7.4km 23.836 E ± 6.6km
DEPTH = 5.0km (geophysicist)
AEGEAN SEA (365)
ML 2.6 (THE).

PAIG 0.13 287 ePg 23 16.96 0.4
eSg 23 19.44
OUR 0.46 14 ePg 23 23.24 0.2
eSg 23 29.64
THE 1.00 318 ePg 23 32.94 -0.3
eSg 23 47.36
SOH 1.00 339 ePg 23 32.80 -0.6
eSg 23 47.20
LIT 1.06 282 iPg 23 34.05 -0.2
eSg 23 49.52
SRS 1.24 351 iPb 23 36.84 -0.6
eSb 23 54.00
AGG 1.45 234 ePb 23 40.64 -0.3
eSb 24 01.00
KNT 1.46 331 ePb 23 40.92 0.0
eSb 23 59.66
VAY 1.72 326 ePn 23 46.00 1.3
ALN 1.96 59 ePb 23 48.28 0.1
S.D. = 0.6 on 10 of 10 obs.

% JUN 24, 1994 05h 48m 52.94± 0.72s
40.735 N ± 6.4km 23.163 E ± 4.9km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 2.1 (THE).

SOH 0.17 59 ePg 48 57.00 0.5
eSg 48 59.38
THE 0.18 236 iPg 48 57.25 0.6
iSg 49 00.01
KNT 0.47 335 iPg 49 02.38 0.0
eSg 49 09.44
SRS 0.50 40 ePg 49 02.93 -0.1
eSg 49 10.92
GRG 0.62 291 ePg 49 04.82 -0.5
iSg 49 13.25
OUR 0.74 122 ePg 49 07.25 -0.5
eSg 49 19.09
S.D. = 0.6 on 6 of 6 obs.

JUN 24, 1994 06h 09m 42.57± 0.97s
14.317 N ±12.3km 92.781 W ± 6.5km
DEPTH = 63.8 ± 6.6 km
4.3mb (12 obs.)
NEAR COAST OF CHIAPAS, MEXICO (69)
MD 4.7 (GCG).

TPX 0.77 41 iP 09 57.60 -0.5
iS 10 11.00
TER 2.03 90 ePc 10 14.59 -0.6
eS 10 40.77
BVA 2.10 80 ePc 10 17.39 1.0
PCG 2.11 88 eP 10 16.63 0.2
IXG 2.26 93 ePc 10 17.75 -0.7
eS 10 47.02
RDG 2.34 73 ePc 10 21.36 1.7
SCX 2.41 3 eP 10 22.00 1.6
iS 10 57.50
OXX 4.69 306 iP 10 53.50 0.8
(S) 11 51.00
IISM 6.40 317 (P) 11 25.16 8.7X
(S) 12 29.15
LVVM 6.43 327 eP 11 15.00 -1.8
PPM 7.33 311 eP 11 29.50 -0.3
IIA 7.40 311 (P) 11 29.78 -0.5
III 7.58 303 (P) 11 31.50 -1.6
UNM 7.90 310 (P) 11 37.50 0.0
LTX 18.02 328 eP 13 50.56 0.2
MIAR 20.15 358 eP 14 12.69 -1.5
0.9s 42.22nm 4.8mb
GOGA 20.81 22 eP 14 20.45 -0.5
0.8s 13.97nm 4.3mb
WMOK 21.04 346 eP 14 21.88 -1.4
0.7s 7.42nm 4.1mb
OCO 21.53 350 iPd 14 28.90 0.7
PRM 21.82 24 eP 14 31.11 0.0
ACO 23.00 347 iPc 14 44.10 1.4
ALQ 23.95 331 eP 14 52.54 0.4
0.7s 6.39nm 4.2mb
TUC 24.31 321 eP 14 58.04 2.5X
0.8s 8.54nm 4.3mb
PV08 27.94 333 eP 15 30.40 1.1
PV10 27.95 332 eP 15 29.60 0.3
PV09 28.10 332 eP 15 31.63 1.0
SRU 29.23 331 eP 15 41.12 0.4
ARUT 29.71 326 eP 15 46.41 1.3
DAU 30.61 332 eP 15 53.89 0.8
TPNV 30.75 321 eP 15 54.53 0.3
DUG 31.18 330 eP 15 59.41 1.5
0.8s 1.71nm 3.8mb
RSSD 31.22 344 eP 15 56.80 -1.5
0.7s 2.51nm 4.1mb
BINY 31.35 24 eP 15 55.67 -3.6X
0.7s 4.37nm 4.3mb
BW06 31.83 336 eP 16 02.02 -1.7
1.3s 5.94nm 4.2mb
HVU 32.39 331 eP 16 09.30 0.8
HHAI 33.42 334 eP 16 16.63 -0.8
RSNY 33.90 24 eP 16 19.65 -1.7
0.8s 6.67nm 4.6mb
LRM 35.52 336 iPc 16 36.60 1.1
YKA 50.55 347 eP 18 36.20 -0.1
0.8s 12.40nm 5.0mb
Z 18s 0.07um 3.7Msz
LR 47 16.00
BAO 53.34 122 eP 18 57.50 -0.6
KLU 60.36 334 eP 19 47.63 0.4
EKA 78.15 36 P 21 34.00 -2.4
0.7s 4.10nm 4.5mb
PIP 133.78 314 ePdiff25 41.00 -12.2X
WRA 134.74 256 PKP 28 53.20 -3.3X
0.9s 0.40nm
BDT 146.55 339 ePKP 29 19.00 1.4
GBA 150.62 20 PKP 29 30.00 6.0X
S.D. = 1.1 on 40 of 46 obs.

JUN 24, 1994 06h 32m 14.14± 0.82s
43.375 N ± 4.8km 126.997 W ± 6.1km
DEPTH = 10.0km (geophysicist)
3.8mb (2 obs.)
OFF COAST OF OREGON (30)

MPOR 2.73 64 P 32 57.87 -1.1
S 33 30.09
FBO 3.33 72 P 33 07.39 0.0
HBO 3.43 81 P 33 08.44 -0.4
SSOR 3.59 64 P 33 11.26 0.2
NLO 3.71 42 P 33 13.02 0.3
GT2 3.83 61 P 33 14.90 0.4
TCO 3.98 78 P 33 16.36 -0.3
BPO 4.04 70 P 33 17.67 0.2
BMW 4.09 40 eP 33 17.62 -0.5
eS 34 06.41
RVW 4.11 46 P 33 18.54 0.2
VLMM 4.16 57 P 33 19.43 0.3
ONR 4.18 32 P 33 19.04 -0.3
TDH 4.20 61 P 33 19.89 0.1
VBEM 4.24 65 P 33 20.64 0.3
MTMW 4.32 51 P 33 21.46 0.0
VLL 4.34 59 P 33 22.31 0.5
SHW 4.41 49 eP 33 23.31 0.6
HSR 4.42 49 P 33 23.76 0.8
JLK 4.42 50 P 33 23.25 0.3
REMW 4.44 49 P 33 23.76 0.5
STD 4.44 48 P 33 23.52 0.3

```
ESD      4.46  49 P      33 24.15   0.7
CDFW     4.47  50 P      33 23.56   0.1
SOSW     4.49  49 P      33 24.38   0.6
CPW      4.52  36 P      33 23.76  -0.4
TDL      4.52  47 P      33 24.51   0.3
GULW     4.62  55 P      33 26.08   0.4
OSR      4.65  26 P      33 25.72  -0.4
LMW      4.69  44 P      33 26.85   0.2
SMW      4.71  32 P      33 26.14  -0.8
VIPM     4.74  74 P      33 26.50  -1.1
ASR      4.74  52 P      33 27.69   0.2
OOW      4.79  23 P      33 27.72  -0.3
VGB      4.94  62 eP     33 29.34  -0.9
GLK      4.98  48 P      33 31.14   0.4
LON      4.99  46 eP     33 31.27   0.4
OSD      5.01  26 P      33 30.91  -0.4
REMR     5.02  45 P      33 31.47   0.1
OTR      5.06  21 P      33 31.84   0.0
WPW      5.09  47 P      33 32.56   0.1
GL2      5.11  57 P      33 32.43  -0.1
GMW      5.12  34 eP     33 31.62  -1.0
FMW      5.18  45 P      33 33.86   0.2
GSM      5.30  42 P      33 35.84   0.4
RMW      5.48  40 eP     33 37.71  -0.2
HTW      5.75  38 P      33 41.09  -0.5
EBG      5.76  50 P      33 42.22   0.5
JCW      5.98  35 P      33 44.72  -0.1
MCW      6.05  27 P      33 45.46  -0.3
RPW      6.35  35 P      33 49.59  -0.5
EPH      6.56  50 P      33 52.92  -0.1
SRU     13.11 103 (P)    35 21.85  -1.3
ALQ     17.98 111 eP     36 26.11   0.1
         0.9s      1.91nm          3.2mb
KLU     21.35 335 eP     37 03.87   0.4
WMOK    23.46 102 eP     37 25.56   1.1
         1.2s     11.13nm          4.3mb
      S.D. = 0.5  on  55 of  55 obs.
---------------------------------------
% JUN 24, 1994  07h 58m 27.49± 0.85s
  40.330 N ± 8.3km    29.761 E ± 5.3km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)
      ML 2.9 (ISK).

IZI     0.22 272 iPg    58 31.40  -0.9
YLV     0.38 309 iPg    58 35.00  -0.3
                 iSg    58 39.80
GPA     0.42  95 iPg    58 36.00  -0.1
                 eSg    58 43.00
HRT     0.50 352 iPn    58 37.50  -0.1
ISK     0.91 324 ePg    58 45.00   0.1
                 eSg    58 57.00
KCT     1.08 266 ePg    58 48.00   0.2
                 eSg    59 03.00
CTT     1.30 309 iPn    58 51.50  -0.1
MFT     1.94 284 ePn    59 02.00   1.0
     S.D. = 0.6  on   8 of   8 obs.
---------------------------------------
* JUN 24, 1994  08h 23m 05.22± 0.99s
  15.192 N ±18.0km   94.079 W ± 9.2km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF OAXACA, MEXICO    ( 66)
      MD 4.7 (GCG).

TPX     1.78  99 iP     23 33.73  -0.4
                 iS     23 54.80
SCX     2.07  42 eP     23 37.72  -0.6
                 iS     24 01.06
OXX     3.16 307 eP     23 53.66  -0.3
                 iS     24 28.39
BVA     3.37  98 eP     23 57.81   0.7
TER     3.40 105 eP     23 56.86  -0.5
                 eS     24 37.33
RDG     3.49  93 ePd    23 58.14  -0.6
IXG     3.65 106 eP     24 02.04   1.1
                 eS     24 44.57
IISM    4.92 321 (P)    24 20.43   1.7
LVVM    5.06 334 (P)    24 13.50  -7.2X
IIT     5.55 314 (P)    24 28.97   1.0
ACX     5.80 287 (P)    24 35.80   4.5X
PPM     5.81 312 eP     24 31.50  -0.4
IIA     5.89 313 (P)    24 28.97  -3.5X
III     6.06 302 eP     24 33.50  -1.6
     S.D. = 1.1  on  11 of  14 obs.
---------------------------------------
* JUN 24, 1994  08h 29m 50.08± 0.69s
   9.798 N ± 8.3km  125.779 E ±14.8km
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   DEPTH = 136.6 ±  9.8 km
   3.8mb (  2 obs.)
 MINDANAO, PHILIPPINE ISLANDS     (259)

PLP      1.57 330 iPd     30 19.50  -0.3
                  iS      30 38.00
BIP      1.63 163 iPc     30 20.00  -0.5
                  iS      30 44.00
MAP      1.85 287 iPc     30 23.00   0.0
                  iS      30 48.00
DAV      2.70 184 ePc     30 34.50   0.9
         0.5s     732.39nm
CTB      3.02 211 iPc     30 37.50  -0.2
PGP      5.99 308 eP      31 18.10   0.4
SSE     21.62 349 Pc      34 30.00  -0.2
         0.7s      6.00nm          4.1mb
WRA     30.73 164 P       35 53.30  -1.2
         0.5s      0.60nm          3.6mb
NOUC    50.83 129 iPc     38 39.30   0.4
DZM     50.93 129 iPc     38 40.40   0.7
      S.D. = 0.7  on  10 of  10 obs.
----------------------------------------
& JUN 24, 1994  08h 37m 50.52s
   58.016 N           155.850 W
   DEPTH = 111.8km
 ALASKA PENINSULA                  ( 12)
       <AEIC>.

CDD      1.48  51 eP      38 16.42  -1.2
                  eS      38 36.89
KDC      1.81  97 eP      38 19.77  -1.9
SYI      1.92  70 eP      38 21.62  -1.4
                  eS      38 44.64
PDB      1.97  25 eP      38 21.71  -2.0
OPT      2.13  39 eP      38 24.45  -1.4
INE      2.51  34 eP      38 29.08  -1.8
HOM      2.74  51 eP      38 32.68  -1.1
CNPM     2.84  56 eP      38 33.34  -1.8
RS2      2.92  32 eP      38 36.03  -0.4
SVW      3.10   2 eP      38 36.32  -2.4
NNL      3.11  47 eP      38 37.69  -1.1
BKG      3.57  29 eP      38 42.98  -2.0
BGL      3.70  27 eP      38 45.64  -1.2
SPU      3.72  30 eP      38 45.78  -1.2
CP2      3.74  28 eP      38 45.98  -1.5
SLKM     3.82  47 eP      38 46.36  -2.1
SEW      3.91  55 eP      38 47.36  -2.2
MPA      4.15  51 eP      38 49.98  -2.9
SUA      4.32  35 eP      38 52.56  -2.7
SKT      4.53  27 eP      38 55.65  -2.4
TTA      4.93 359 (P)     39 01.90  -1.7
KNK      5.06  45 eP      39 01.93  -3.4
GHO      5.13  40 eP      39 02.43  -4.0
MID      5.16  70 P       39 03.40  -3.2
HIN      5.36  60 eP      39 06.46  -3.1
VLZ      5.76  53 eP      39 11.61  -3.2
CVA      5.77  60 eP      39 11.32  -3.7
KLU      6.11  51 eP      39 15.73  -4.1
TOA      6.34  46 P       39 20.20  -2.8
GLB      6.99  55 eP      39 28.11  -3.7
BALM     7.50  61 eP      39 34.53  -4.3
CHX      7.87  69 eP      39 41.00  -2.8
         32 obs. associated
----------------------------------------
% JUN 24, 1994  10h 08m 44.04± 0.70s
   27.950 S ± 6.8km   26.771 E ± 7.9km
   DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA          (584)
       ML 2.4 (PRE).

SEK      0.84 116 iPc     09 00.60  -0.3
                  S       09 11.00
PRY      1.19  32 iPc     09 07.20   0.3
                  S       09 23.80
BLF      1.26 204 iPc     09 08.00  -0.1
                  S       09 25.10
BOSA     1.37 241 eP      09 11.20   1.5
                  S       09 30.30
SWZ      1.49 300 iPd     09 10.50  -1.2
                  S       09 29.70
KSR      2.08   3 eP      09 20.50   0.3
                  S       09 46.00
FRS      2.20 215 iPc     09 21.10  -0.6
                  S       09 46.00
SLR      2.59  32 eP      09 29.00   1.6X
                  S       10 03.70
      S.D. = 1.1  on   7 of   8 obs.
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? JUN 24, 1994  10h 13m 41.33± 5.30s
  47.295 N ± 9.6km    2.582 W ±46.9km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                            (538)
      ML 2.6 (LDG).

LPF     1.28  54 Pg     14 05.20   0.2
                 Sg     14 20.70
GRR     1.60  46 Pn     14 09.90   0.3
                 Pg     14 11.00
                 Sg     14 30.60
MFF     1.81 112 Pg     14 15.40   2.7
                 Sg     14 37.70
FLN     2.04  43 Pn     14 15.80  -0.2
                 Pg     14 18.70
                 Sg     14 44.00
LDF     2.10  51 Pn     14 17.00   0.0
                 Pg     14 19.70
                 Sg     14 46.00
LSF     3.01 109 Pn     14 30.10   0.1
                 Pg     14 37.30
                 Sg     15 13.80
TCF     3.44 105 Pn     14 35.80  -0.3
                 Pg     14 45.50
                 Sg     15 27.50
RJF     3.47 124 Pn     14 36.00  -0.4
                 Pg     14 45.90
MAF     3.70 105 Pn     14 39.10  -0.7
                 Pg     14 49.40
                 Sg     15 34.90
CAF     4.01 125 Pn     14 43.60  -0.5
                 Pg     14 56.60
AVF     4.09  95 Pn     14 44.00  -1.2
     S.D. = 1.1  on  11 of  11 obs.
----------------------------------------
? JUN 24, 1994  11h 27m 43.67± 6.57s
  43.546 N ±47.6km   19.100 E ± 9.5km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      ML 2.4 (TTG).

PLE     0.30 135 iPgc   27 50.03   0.0
                 iSg    27 53.48
NKY     0.74 186 iPgc   27 57.58  -0.6
                 iSg    28 07.14
BRY     0.76 212 iPgd   27 58.08  -0.6
                 iSg    28 08.86
IVA     0.89 139 iPgc   28 00.19  -0.6
                 iSg    28 12.39
TTG     1.12 174 iPgd   28 04.64   0.0
                 iSg    28 19.86
PVY     1.15 146 iPgd   28 05.39   0.2
                 iSg    28 20.39
HCY     1.18 202 iPgc   28 05.98   0.2
                 iSg    28 22.39
BDV     1.28 189 iPgd   28 07.59   0.2
                 iSg    28 25.18
ULC     1.59 176 iPgd   28 13.21   1.3
                 iSg    28 35.38
     S.D. = 0.7  on   9 of   9 obs.
----------------------------------------
% JUN 24, 1994  11h 59m 09.62± 1.17s
  34.200 S ±13.7km   70.564 W ±13.6km
  DEPTH = 100.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION     (127)
      MD 3.8 (SAN).

CACH    0.09 340 iP+    59 23.92  -0.1
                 iS     59 35.71
CHCH    0.28 345 iP+    59 24.40   0.0
                 iS     59 35.87
PCH     0.58   4 iP+    59 26.72   0.4
                 iS     59 39.84
TACH    0.63 330 iPd    59 26.91   0.3
                 iS     59 40.63
LNV     0.74 289 iPd    59 27.70   0.1
                 iS     59 42.11
SAN     0.75 354 (P)    59 26.71  -1.1
                 iS     59 42.27
FCH     0.90  15 iP+    59 29.87   0.3
                 iS     59 45.85
PEL     1.06 354 iPd    59 31.34   0.3
                 iS     59 47.94
LCCH    1.11 311 iPd    59 31.47   0.0
                 iS     59 48.63
ROCH    1.28 343 iP     59 33.88   0.1
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iS 59 52.84
JACH 1.51 359 iPd 59 36.41 -0.1
iS 59 57.97
S.D. = 0.4 on 11 of 11 obs.

& JUN 24, 1994 12h 47m 19.38s
37.877 N 122.210 W
DEPTH = 8.7km
CENTRAL CALIFORNIA (39)
<GM-P>. MD 2.7 (GM). ML 2.6 (BRK). Felt at Albany, Berkeley, El Cerrito, Emeryville, Hercules, Oakland and as far as Pinole.

BKS 0.02 269 iPc 47 20.95 -0.2
eS 47 22.09
BRK 0.04 265 iPc 47 21.01 -0.2
iS 47 22.25
MTC 0.33 101 P 47 27.05 0.9
JEGM 0.41 209 ePnd 47 27.38 -0.4
HMR 0.43 49 ePn 47 29.17 1.1
MSJ 0.45 143 P 47 28.69 0.3
STAN 0.47 177 ePd 47 29.05 0.1
CDVM 0.52 126 P 47 30.44 0.5
CVR 0.54 142 P 47 30.20 0.0
SEC 0.60 173 P 47 31.21 -0.2
LT3 0.61 180 P 47 31.62 -0.1
NTYM 0.62 325 ePn 47 31.45 -0.4
eS 47 41.66
MHR 0.63 145 P 47 32.24 0.2
PSD 0.69 189 P 47 33.04 0.0
MHC 0.70 140 ePd 47 33.14 -0.3
eS 47 44.34
LT15 0.73 168 P 47 33.81 -0.1
SOS 0.74 162 P 47 34.02 -0.1
COE 0.75 145 ePn 47 34.44 0.2
eS 47 47.48
ARN 0.75 134 ePn 47 33.87 -0.4
JNAM 0.76 157 P 47 34.32 0.0
JHLM 0.82 159 P 47 35.18 -0.3
CBO 0.87 151 P 47 36.22 0.0
JRRM 0.91 155 P 47 36.59 -0.3
JBZM 0.92 158 P 47 37.29 0.2
HSPM 0.94 144 P 47 37.91 0.4
GHS 0.99 142 P 47 36.79 -1.5
OCR 1.11 150 P 47 40.77 0.5
SAO 1.27 151 ePn 47 41.38 -1.6
BSRM 1.33 155 P 47 42.02 -2.0
CMB 1.45 83 eP 47 45.00 -0.9
eS 48 03.02
BPRM 1.52 165 P 47 44.90 -1.9
ORV 1.77 18 ePn 47 49.59 -0.8
FRI 2.18 113 iP 47 57.60 1.3
iS 48 21.06
33 obs. associated

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* JUN 24, 1994 12h 56m 58.48± 2.67s
39.205 N ± 7.8km 19.611 E ±23.7km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
ML 2.8 (THE). MD 3.1 (ATH).

KEK 0.53 16 ePb 57 09.50 0.3
IGT 0.65 59 ePg 57 11.22 -0.2
eSg 57 18.08
VLS 1.28 143 ePn 57 22.00 -0.2
KZN 2.00 56 ePb 57 38.00 5.3X
FNA 2.08 40 ePb 57 33.58 -0.3
eSb 57 59.50
OHR 2.11 25 ePn 57 39.50 5.2X
AGG 2.12 94 ePn 57 35.62 1.1
eSn 58 02.90
LIT 2.40 67 ePn 57 38.38 0.0
eSn 58 08.58
SKO 3.09 26 ePn 58 05.00 16.8X
VAY 3.10 46 ePn 57 57.00 8.7X
OUR 3.55 70 ePn 57 54.14 -0.6
S.D. = 0.7 on 7 of 11 obs.

% JUN 24, 1994 13h 29m 09.38± 1.01s
44.560 N ± 8.6km 8.499 E ± 5.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.7 (GEN).

PCP 0.04 118 P 29 11.52 0.0
S 29 12.94
FIN 0.41 211 P 29 17.79 0.1
S 29 23.56
ROB 0.52 240 P 29 20.03 0.1
S 29 27.54
IMI 0.78 214 P 29 24.56 -0.1
S 29 35.23
ENR 0.84 247 P 29 25.89 0.2
S 29 36.69
STV 0.90 250 P 29 26.62 0.0
BHB 0.93 288 P 29 27.17 0.1
S 29 39.12
PZZ 1.00 267 P 29 28.23 -0.2
S.D. = 0.2 on 8 of 8 obs.

% JUN 24, 1994 13h 55m 24.85± 0.84s
26.324 S ± 7.6km 27.299 E ± 8.6km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.5 (PRE).

KSR 0.58 322 eP 55 37.00 0.5
S 55 46.00
SLR 1.06 57 eP 55 45.00 -0.4
S 55 59.10
SWZ 1.96 244 eP 55 58.90 -0.3
S 56 23.20
SEK 2.01 172 iPd 56 00.90 0.9
S 56 58.40
BOSA 2.83 216 eP 56 10.90 -0.6
S 56 44.30
S.D. = 0.9 on 5 of 5 obs.

% JUN 24, 1994 14h 41m 53.72± 3.22s
43.412 N ±24.7km 19.144 E ± 8.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.7 (TTG).

PLE 0.20 114 iPgc 41 58.41 0.2
iSg 42 01.39
NKY 0.61 190 iPgc 42 06.01 -0.1
iSg 42 14.59
BRY 0.67 221 iPgc 42 06.54 -0.7
iSg 42 17.36
IVA 0.77 134 iPgc 42 08.46 -0.4
iSg 42 19.29
TTG 0.99 175 iPgd 42 12.08 -0.3
iSg 42 27.34
PVY 1.02 143 iPgc 42 12.89 -0.2
iSg 42 28.28
HCY 1.07 206 iPgd 42 14.58 0.7
iSg 42 30.56
BDV 1.15 192 iPgc 42 15.26 0.0
iSg 42 33.26
ULC 1.45 177 iPgd 42 20.71 0.7
iSg 42 42.79
S.D. = 0.5 on 9 of 9 obs.

JUN 24, 1994 14h 54m 02.14± 0.35s
44.659 N ± 2.6km 7.203 E ± 3.6km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.5 (GEN).

PZZ 0.17 205 P 54 06.27 0.2
S 54 08.78
BHB 0.19 13 P 54 06.77 0.4
S 54 09.47
FOUF 0.33 247 ePgc 54 08.86 -0.1
i 54 09.11
eSg 54 13.34
RRL 0.40 311 P 54 10.20 -0.1
S 54 15.24
STV 0.42 168 P 54 10.98 0.2
S 54 16.47
ENR 0.46 160 P 54 11.48 0.0
S 54 17.27
ISO 0.49 193 ePg 54 12.11 0.1
e 54 18.43
RSP 0.49 4 P 54 12.40 0.2
S 54 18.72
ROB 0.60 127 P 54 13.86 -0.5
S 54 22.15
LSD 0.80 358 P 54 17.42 -0.4
S 54 27.52
FIN 0.85 122 P 54 18.62 0.1
S 54 29.27
IMI 0.90 146 P 54 19.36 0.0
S 54 30.56
PCP 0.97 96 P 54 20.59 0.0
S 54 33.18
S.D. = 0.3 on 13 of 13 obs.

JUN 24, 1994 16h 26m 30.18± 0.35s
39.276 N ± 3.2km 29.214 E ± 4.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.6 (ISK). MD 3.7 (ATH).

ALT 0.73 107 iPg 26 44.90 0.3
eSg 26 55.40
KHL 0.98 166 iPg 26 49.00 0.1
IZI 1.08 11 iPg 26 51.40 0.9
YLV 1.29 5 iPn 26 54.40 0.2
GPA 1.32 39 iPg 26 54.00 -0.5
BNT 1.47 318 iPg 26 56.40 -0.3
EDC 1.49 316 iPn 26 57.00 0.0
HRT 1.58 13 iPn 26 57.40 -1.0
IZM 1.76 241 ePn 26 59.70 -1.2
ISK 1.79 356 ePn 27 01.00 -0.3
CTT 1.96 342 iPn 27 02.70 -1.1
MFT 2.12 316 iPn 27 05.40 -0.7
PRK 2.28 270 ePn 27 08.60 0.1
EZN 2.30 285 iPn 27 09.20 0.5
ELL 2.58 168 ePn 27 13.00 0.2
DMK 2.77 337 ePn 27 15.80 0.3
KSL 3.17 175 ePn 27 21.10 0.1
RDO 3.38 305 ePn 27 24.60 0.6
VAY 5.47 294 ePn 27 54.30 0.5
MLR 6.67 340 eP 28 12.00 1.4
VRI 6.84 345 eP 28 13.00 0.0
S.D. = 0.7 on 21 of 21 obs.

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* JUN 24, 1994 16h 47m 00.46± 0.95s
35.316 N ±16.5km 35.409 W ±14.6km
DEPTH = 10.0km (geophysicist)
4.2mb (8 obs.) 4.3Msz (1 obs.)
NORTHERN MID-ATLANTIC RIDGE (403)
Ms 4.3 (BRK).

LMN 24.55 304 eP 52 23.00 1.6
1.0s 7.00nm 4.3mb
PAB 24.96 71 eP 52 37.50 12.1X
eS 57 05.00
JAQ 33.57 316 eP 53 42.50 0.0
FRB 34.92 335 eP 53 55.00 1.1
0.9s 4.00nm 4.3mb
GRF 36.65 52 eP 54 00.50 -8.3X
Z 31s 0.50um 4.1MszX
e(PP) 55 39.70
GEC2 38.22 54 P 54 22.00 -0.1
1.0s 0.74nm 3.4mb
e 54 30.60
PRU 38.81 52 eP 54 35.00 8.0X
e 54 43.50
NB2 39.10 34 P 54 31.00 1.8
0.7s 1.10nm 3.6mb
MIAR 47.09 287 (P) 55 34.60 0.3
0.8s 7.84nm 4.9mb
RES 48.31 342 eP 55 52.00 8.7X
OBN 51.97 44 ePd 56 11.00 -0.5
Z 15s 0.60um 4.8MszX
N 15s 0.20um
E 15s 0.40um
i 56 19.80
e 03 39.00
LR 12 20.00
YKA 54.49 326 eP 56 30.50 0.4
0.7s 1.00nm 4.0mb
Z 17s 0.19um 4.2MszX
LR 21 40.00
MBC 54.59 343 eP 56 29.00 -1.7
1.0s 3.00nm 4.3mb
SRU 58.33 298 (P) 56 59.23 1.1
NEW 59.54 310 eP 57 04.52 -1.7
1.0s 8.19nm 4.8mb
LPAZ 59.98 217 P 57 08.50 -1.7
LR 16 12.00
LPB 60.17 217 P 57 13.30 2.0
INK 60.57 335 eP 57 12.00 -1.0
LBFM 65.39 304 eP 57 43.93 -1.6
YBH 65.77 305 ePd 57 56.62 8.8X
Z 19s 0.20um 4.3Msz

ePPc 59 59.62
eS 06 38.62
iSKS 07 55.62
eSS 10 59.62
eLQ 13 29.62
eLQ 13 58.62
eLR 18 45.62
WRA 162.21 33 PKP 07 14.60 11.2X
0.8s 0.20nm
S.D. = 1.5 on 15 of 21 obs.

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* JUN 24, 1994 17h 11m 46.48± 0.60s
39.572 N ± 8.6km 74.229 E ±10.2km
DEPTH = 33.0km (normal)
4.3mb (6 obs.)
SOUTHERN XINJIANG, CHINA (321)

AAA 4.22 28 iPn 12 52.00 1.8
NDI 11.14 166 eP 14 28.00 1.5
MAIO 12.08 259 eP 14 34.00 -5.4X
eS 16 27.00
BRVK 13.76 350 iPd 14 57.00 -4.3X
1.5s 49.00nm 5.1mb
NVS 16.43 19 eP 15 34.90 -1.0
SVE 19.42 337 eP 16 11.50 -1.2
Z 15s 0.40um
N 15s 0.10um
E 15s 0.30um
ZAK 23.08 52 eP 16 50.00 0.1
1.6s 20.00nm 4.4mb
PYA 23.58 291 iP 16 55.00 0.1
GBA 26.02 173 P 17 16.00 -2.3
MLR 35.63 296 eP 18 45.00 1.8
KAF 36.53 324 eP 18 50.40 0.0
PRU 42.57 305 eP 19 40.00 -0.6
BRG 42.81 306 iP 19 44.30 1.8
GEC2 43.32 303 P 19 46.50 -0.4
1.2s 6.21nm 4.2mb
e 19 50.10
KHC 43.34 303 eP 19 47.00 0.0
NB2 43.53 321 P 19 46.90 -1.5
0.8s 6.00nm 4.4mb
GRF 44.74 305 eP 19 58.80 0.6
YKA 78.03 4 eP 23 41.80 -1.0
0.9s 1.70nm 4.1mb
WRA 81.53 124 P 24 02.30 0.1
0.9s 2.50nm 4.2mb
S.D. = 1.3 on 17 of 19 obs.

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* JUN 24, 1994 18h 40m 29.92± 1.09s
1.377 N ± 8.8km 122.423 E ± 9.5km
DEPTH = 76.0 ± 17.4 km
4.7mb (9 obs.)
MINAHASSA PENINSULA, SULAWESI (265)

TSM 5.39 303 iPd 41 48.90 -0.7
0.2s 163.20nm 5.9mb X
CTB 6.05 17 iPd 41 51.50 -7.3X
DAV 6.48 29 ePc 42 04.90 0.1
1.0s 240.00nm 5.6mb X
MKS 7.18 204 iPd 42 15.20 0.8
AAI 7.65 131 eP 42 21.00 0.1
KKM 7.74 307 ePd 42 23.40 1.2
0.6s 161.30nm 5.9mb X
BIP 7.80 29 ePc 42 22.00 -0.9
BAG 15.05 353 eP 44 04.80 4.9X
CVP 16.24 358 eP 44 21.00 6.2X
IPM 21.60 279 ePc 45 19.40 4.1X
0.9s 27.30nm 4.6mb
MBL 22.54 186 eP 45 23.00 -1.6
0.5s 10.00nm 4.5mb
NANU 24.72 195 eP 45 44.70 -1.0
0.6s 24.00nm 4.8mb
ASPA 27.28 157 eP 46 08.50 -0.8
0.5s 10.80nm 4.7mb
WARB 27.70 172 eP 46 12.00 -1.1
STKA 37.74 153 iPc 47 39.70 -0.4
0.8s 34.20nm 5.3mb
BJI 38.90 352 eP 47 53.00 3.3X
1.0s 6.00nm 4.5mb
CAN 44.16 148 iPc 48 34.20 1.3
TOO 44.25 154 iPd 48 35.00 1.4
0.4s 13.00nm 5.1mb
CNB 44.35 148 iPc 48 36.00 1.5
0.6s 11.00nm 4.9mb
GBA 46.13 288 P 48 53.00 4.2X
0.6s 2.00nm 4.2mb

S.D. = 1.2 on 14 of 20 obs.

% JUN 24, 1994 18h 41m 54.55± 0.85s
39.258 N ± 7.2km 29.125 E ±10.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

ALT 0.79 104 ePg 42 10.40 0.4
eSg 42 20.40
KHL 0.98 161 ePg 42 13.00 -0.3
IZI 1.11 14 iPg 42 15.90 0.5
eSg 42 30.90
KCT 1.15 329 ePn 42 16.50 0.4
YLV 1.32 8 ePn 42 18.00 -1.0
EDC 1.46 319 ePn 42 21.00 0.1
S.D. = 0.7 on 6 of 6 obs.

& JUN 24, 1994 19h 13m 41.72s
34.455 N 118.587 W
DEPTH = 1.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.0 (PAS), 3.3 (GS).

PYR 0.17 312 P 13 45.24 0.1
QAL 0.31 340 P 13 47.88 -0.1
CJV 0.37 78 P 13 49.10 -0.1
CFL 0.48 104 P 13 50.72 -0.6
FTC 0.49 329 P 13 51.36 0.0
MWC 0.49 118 P 13 51.50 -0.1
TJR 0.59 347 P 13 52.70 -0.7
PLEC 0.65 322 P 13 54.49 -0.2
ABL 0.65 307 iPd 13 54.00 -0.8
eS 14 04.44
RYS 0.66 287 P 13 54.90 0.0
BMTC 0.68 359 P 13 54.43 -0.9
ARVC 0.70 344 P 13 54.27 -1.4
PCF 0.77 121 P 13 56.52 -0.6
TEJ 0.78 354 P 13 56.60 -0.6
SSK 0.78 108 ePn 13 56.25 -1.0
eS 14 11.69
MARC 0.83 312 P 13 57.38 -0.8
LPC 0.93 273 P 14 00.13 -0.1
HYS 0.93 64 P 13 59.14 -1.2
WJPM 0.96 5 P 13 59.90 -0.9
DTP 1.01 37 P 14 01.10 -0.7
CSP 1.03 98 eP 14 01.79 -0.3
eS 14 16.96
WOFM 1.08 355 P 14 02.07 -0.9
PKM 1.11 294 P 14 03.61 0.2
WBSM 1.14 19 P 14 04.59 0.5
SYP 1.15 274 P 14 03.44 -0.7
HOD 1.17 71 P 14 03.63 -0.8
ISA 1.21 4 ePn 14 03.90 -1.2
CRGC 1.22 310 P 14 04.57 -0.8
WORM 1.27 13 P 14 06.84 0.7
BLKC 1.29 60 P 14 05.61 -0.9
PEC 1.31 115 iPnc 14 05.18 -1.6
SCCM 1.39 291 P 14 08.50 0.2
BCH 1.43 301 eP 14 07.68 -1.2
XMS 1.47 43 P 14 08.46 -1.0
WSHM 1.48 37 P 14 08.69 -0.9
WCHM 1.49 16 P 14 10.75 0.9
YEG 1.49 311 P 14 09.65 -0.2
VPEM 1.62 23 P 14 13.14 1.5
RMR 1.68 98 P 14 13.06 0.5
GSC 1.69 60 ePn 14 11.30 -1.3
WLHM 1.71 7 P 14 15.35 2.3
PLM 1.81 127 eP 14 12.43 -2.0
eS 14 40.57
PHAM 2.03 313 eP 14 16.10 -1.3
PKEM 2.03 323 (P) 14 16.59 -0.9
TPC 2.13 99 P 14 18.79 -0.2
FRGC 2.21 108 P 14 21.73 1.6
PARM 2.29 322 P 14 23.87 2.5
PNMC 2.36 101 P 14 25.35 3.0
CBKC 2.49 128 P 14 25.94 1.8
MTUM 2.89 0 (Pn) 14 29.98 0.0
BRMM 2.99 323 P 14 30.20 -1.0
TPNV 3.13 37 ePn 14 31.95 -1.4
MMPM 3.17 354 ePg 14 38.79 4.8
BONR 3.50 4 ePn 14 36.91 -1.8
ARN 3.75 321 (Pn) 14 40.97 -1.1
TNP 3.78 17 (Pn) 14 40.29 -2.4
56 obs. associated

% JUN 24, 1994 19h 48m 08.74± 0.81s
26.342 S ± 7.3km 27.430 E ± 8.1km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.3 (PRE).

KSR 0.68 315 eP 48 22.00 -0.3
S 48 32.00
SLR 0.98 52 eP 48 28.00 0.1
S 48 38.20
SEK 1.98 175 eP 48 43.20 -0.2
S 49 05.20
SWZ 2.06 246 eP 48 45.10 0.5
S 49 09.80
BOSA 2.88 218 eP 48 56.00 -0.2
S 49 34.40
S.D. = 0.5 on 5 of 5 obs.

JUN 24, 1994 19h 49m 41.41± 1.11s
19.230 N ± 8.0km 104.005 W ± 9.5km
DEPTH = 77.1 ± 9.0 km
4.4mb (6 obs.)
NEAR COAST OF JALISCO, MEXICO (55)

CGX 0.70 47 iPc 49 55.64 -1.6
iS 50 06.34
AGX 3.08 31 iPc 50 29.73 1.0
CRX 4.09 87 (P) 50 43.00 -0.2
III 4.38 100 iPc 50 46.25 -0.9
(S) 51 38.66
MZX 4.55 331 iP 50 48.73 -0.5
UNM 4.56 88 iP 50 50.50 0.8
ACX 4.59 120 iP 50 48.90 -1.0
(S) 51 37.43
IIA 5.05 90 iP 50 57.05 0.7
PPM 5.09 91 iPd 50 57.65 0.3
IIT 5.39 91 iP 51 02.77 1.4
IISM 6.27 91 (P) 51 14.06 0.8
OXX 7.25 106 iP 51 27.21 0.3
LTX 10.06 2 eP 52 06.08 0.7
TUC 14.38 336 (P) 53 07.18 4.7X
0.9s 18.26nm 4.4mb
ALQ 15.80 353 eP 53 22.46 1.6
1.2s 51.38nm 4.6mb
i 53 41.92
WMOK 16.13 16 eP 53 23.74 -1.0
0.7s 26.82nm 4.5mb
OCO 17.23 18 iPd 53 39.00 0.6
SIO 17.80 21 iPd 53 45.00 -0.5
ACO 17.92 13 iPc 53 46.30 -0.7
PV10 19.57 348 (P) 54 04.32 -1.8
GSC 19.61 327 (P) 54 07.13 0.8
e 54 23.70
PV08 19.69 349 eP 54 06.92 -0.6
PV09 19.71 348 eP 54 07.35 -0.3
SRU 20.60 345 eP 54 15.62 -1.1
e 54 32.65
BCH 21.33 321 (P) 54 25.31 1.3
e 54 43.08
DAU 22.01 345 eP 54 31.22 0.3
BW06 23.94 350 eP 54 50.25 0.6
1.9s 33.59nm 4.4mb
e 55 07.67
RSSD 24.82 360 eP 54 57.55 -0.4
1.2s 21.95nm 4.5mb
e 55 15.43
ORV 25.26 327 (P) 55 03.62 1.7
JAQ 40.79 25 eP 57 34.00 17.5X
LPAZ 49.91 133 P 58 29.30 -0.8
LPB 50.10 133 P 58 32.70 1.4
CCH 52.05 132 P 58 45.70 -0.3
MBC 57.59 356 eP 59 23.50 -1.6
1.0s 3.00nm 4.4mb
BAO 65.09 118 eP 00 15.60 -0.9
SOB1 68.29 109 eP 00 36.30 -0.5
WRA 125.28 259 PKP 08 36.20 0.6
0.6s 1.10nm
S.D. = 1.0 on 35 of 37 obs.

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* JUN 24, 1994 20h 09m 01.93± 1.63s
14.989 N ±12.2km 124.013 E ±16.7km
DEPTH = 65.3 ± 22.7 km
4.5mb (1 obs.)
LUZON, PHILIPPINE ISLANDS (249)

GQP 1.86 235 ePd 09 31.00 -1.1
eS 09 50.50
QVP 2.93 263 eP 09 47.20 0.1

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                   eS      10 23.00
PGP        3.31 244 eP     09 53.60    1.0
                   eS      10 45.50
CVP        3.42 322 eP     09 54.00    0.0
                   eS      10 22.00
PLP        3.92 166 eP     10 01.20    0.3
MAP        4.64 180 iPc    10 20.00    8.9X
ASPA      39.62 166 iPc    16 28.80   -0.2
      0.8s      5.40nm          4.5mb
    S.D. = 1.1  on   6 of   7 obs.
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& JUN 24, 1994  20h 20m 59.72s
  34.368 N           116.901 W
   DEPTH =   3.1km
 SOUTHERN CALIFORNIA                ( 43)
     <PAS-P>. ML 3.1 (PAS), 3.1 (GS).

BTL        0.14 217 P      21 02.66    0.0
RAY        0.34 167 P      21 06.34   -0.2
CSP        0.38 260 iPc    21 06.98   -0.4
                   eS      21 12.35
PEC        0.52 204 iPd    21 09.59   -0.6
SS2        0.52 252 P      21 09.84   -0.3
ELMC       0.63 285 P      21 11.64   -0.7
SSK        0.67 257 iPc    21 12.51   -0.7
                   eS      21 22.34
POB        0.68 182 P      21 12.56   -0.7
TPC        0.75 110 P      21 13.89   -0.9
PEM        0.83 256 P      21 15.15   -1.1
FRGC       0.93 131 P      21 17.19   -0.9
CFL        0.93 268 P      21 16.81   -1.4
GSC        0.93   5 iPd    21 17.19   -1.1
PLM        1.01 178 ePd    21 18.39   -1.3
CJV        1.04 279 P      21 18.90   -1.2
CTW        1.10 128 P      21 20.40   -0.6
GRP        1.15  67 P      21 20.95   -1.1
XMS        1.21 342 P      21 22.45   -0.5
JULC       1.34 170 P      21 24.29   -0.9
WSHM       1.35 339 P      21 24.03   -1.4
WSP        1.40 280 P      21 25.18   -1.1
PYR        1.53 278 P      21 27.50   -0.6
WBSM       1.55 319 P      21 28.87    0.4
THC        1.55 291 P      21 28.47    0.0
WJPM       1.66 309 P      21 30.85    0.9
ISA        1.83 315 eP     21 32.26   -0.1
ABL        1.97 285 eP     21 33.04   -1.6
TPNV       2.63  11 ePn    21 42.55   -1.4
BCH        2.74 288 ePn    21 44.29   -1.3
TNP        3.72 356 (Pn)   21 56.66   -2.8
BONR       3.75 343 (Pn)   21 57.87   -2.2
                   ePg     22 11.53
     31 obs. associated
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  JUN 24, 1994  20h 43m 59.68± 0.81s
  30.144 N ± 5.8km   34.050 E ± 7.0km
   DEPTH =  10.0km  (geophysicist)
 DEAD SEA REGION                    (373)
     ML 3.7 (BHL). MD 3.6 (HLW).

SAGI       0.53  82 Pgc    44 11.30    0.8
RMN        0.61  55 Pgc    44 12.80    0.7
MBH        0.81 117 Pgc    44 16.20    0.7
                   Sg      44 29.50
PRNI       0.84  76 Pgc    44 17.00    1.0
AQBJ       0.96 115 P+     44 19.23    1.3
ARVI       1.10  62 Pg     44 20.90    0.6
MRSJ       1.20 112 Pd     44 25.17    3.2X
MKT        1.24  50 Pg     44 22.90    0.1
                   Sg      44 40.90
NAQJ       1.27  96 P+     44 19.88   -3.5X
HSHJ       1.38 121 P+     44 22.96   -2.0
SDOM       1.49  51 Pn     44 26.00   -0.4
MZDA       1.59  42 Pn     44 27.70   -0.1
LISJ       1.65  48 Pd     44 29.14    0.5
MKRJ       1.96  44 P+     44 33.03   -0.3
MASJ       2.13  42 P+     44 35.54   -0.3
KFNJ       2.21  39 P+     44 36.86    0.0
SALJ       2.33  37 Pd     44 38.87    0.2
HLW        2.37 264 eP     44 41.00    1.9
                   eSn     45 08.00
JARJ       2.65  37 Pd     44 43.16    0.0
SHMJ       2.96  29 Pd     44 47.37   -0.3
BHL        3.99  20 Pn     45 00.00   -2.3
                   Sn      46 09.00
WAJH       4.53 150 eP     45 08.00   -1.9
                   eS      46 18.00
    S.D. = 1.1  on  20 of  22 obs.
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* JUN 24, 1994  21h 20m 20.75± 0.73s
  10.315 S ±18.5km  114.117 E ±20.1km
  DEPTH =  33.0km  (normal)
  4.8mb (  5 obs.)
 SOUTH OF BALI, INDONESIA           (284)

LEM        7.30 298 ePc    22 08.00    0.0
MBL       12.10 154 iPc    23 02.80  -11.1X
                   iS      25 04.50
NANU      12.25 174 eP     23 00.20  -15.7X
                   iS      25 02.00
WARB      19.74 145 eP     24 50.00   -0.8
                   eS      28 12.00
WOOL      21.85 162 iPc    25 07.90   -4.4X
                   eS      28 51.00
ASPA      23.07 128 iPc    25 26.50    1.9
      0.7s     24.20nm          4.8mb
                   eS      29 41.20
PGP       24.62  16 ePc    25 46.00    6.4X
CHTO      32.58 333 eP     26 55.40    3.9X
STKA      33.25 134 iPd    26 56.70   -0.5
      0.8s     15.80nm          5.0mb
KMI       36.93 343 eP     27 30.00    1.1
      1.0s     10.00nm          4.6mb
SSE       41.73   9 Pd     28 12.50    4.2X
GBA       43.47 302 P      28 18.00   -4.8X
LZH       47.16 349 eP     28 51.00   -1.2
      1.0s     27.00nm          5.2mb
BJI       50.13   2 eP     29 14.00   -0.9
      1.4s     12.00nm          4.7mb
MAIO      69.18 315 eP     31 28.00    1.5
SOB1     148.46 233 ePKP   40 01.90   -1.1
LPB      153.24 175 ePKP   40 19.00    8.5X
LPAZ     153.47 175 PKP    40 16.30    5.2X
    S.D. = 1.4  on   9 of  18 obs.
-------------------------------------
? JUN 24, 1994  21h 56m 57.44± 1.11s
  75.771 N ±22.5km    7.226 E ±33.3km
  DEPTH =  10.0km  (geophysicist)
  4.4mb (  2 obs.)
 GREENLAND SEA                      (640)

KAF       15.19 144 iP     00 32.00   -1.3
      0.6s      6.50nm          4.2mb
OBN       23.54 135 eP     02 13.00    5.0X
      1.5s     35.00nm          4.7mb
    Z 15s       0.10um          3.4MszX
                   e       06 28.00
MBC       25.11 333 eP     02 24.00    0.9
MOX       25.28 173 e(P)   02 27.20    2.3X
GEC2      27.16 171 P      02 44.20    1.8
                   e       02 48.20
INK       34.08 335 eP     03 43.00   -0.3
JAQ       37.05 282 eP     04 07.50   -1.2
    S.D. = 1.9  on   5 of   7 obs.
-------------------------------------
  JUN 24, 1994  22h 57m 28.29± 0.97s
  43.277 N ± 7.9km   19.303 E ± 5.9km
  DEPTH =   5.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION         (383)
     ML 2.6 (TTG).

PLE        0.09  51 iPgd   57 30.19   -0.1
                   iSg     57 31.56
NKY        0.51 206 iPgd   57 38.87    0.3
                   iSg     57 47.79
IVA        0.60 133 iPgc   57 39.81   -0.4
                   iSg     57 47.96
BRY        0.67 236 iPgd   57 41.71    0.0
                   iSg     57 53.32
PVY        0.84 144 iPgc   57 44.26   -0.8
                   iSg     57 55.56
TTG        0.85 182 iPgd   57 33.04  -12.1X
                   iSg     57 57.66
HCY        1.02 216 iPgc   57 47.74   -0.3
                   iSg     58 04.01
BDV        1.05 200 iPgd   57 48.17   -0.4
                   iSg     58 05.54
SDA        1.23 173 ePn    57 54.80    3.1X
ULC        1.31 182 iPgc   57 53.67    0.6
                   iSg     58 13.52
LACI       1.67 169 ePn    58 04.10    5.9X
PHP        1.80 152 ePn    58 03.80    3.6X
SKO        2.05 129 ePn    58 05.00    1.2
OHR        2.43 152 ePn    58 14.00    4.6X
    S.D. = 0.7  on   9 of  14 obs.
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& JUN 24, 1994  23h 40m 16.76s
  60.136 N           152.786 W
   DEPTH = 107.2km
 SOUTHERN ALASKA                    ( 2)
     <AEIC>.

INE        0.16 242 eP     40 31.54    1.0
                   eS      40 43.33
RED        0.28   1 eP     40 31.66    0.8
                   eS      40 43.28
RS2        0.33   2 eP     40 32.05   -0.8
RSO        0.33   3 eP     40 31.98   -0.8
                   eS      40 44.51
REF        0.36   7 eP     40 32.11   -0.8
                   eS      40 44.33
DFR        0.46   6 eP     40 32.52   -0.9
                   eS      40 45.41
RDT        0.48  23 eP     40 32.67   -0.8
                   eS      40 46.03
OPT        0.53 205 eP     40 33.04   -0.8
                   eS      40 45.69
NNL        0.75  97 eP     40 35.67    0.1
PDB        0.79 244 eP     40 34.85   -1.0
                   eS      40 49.81
AUI        0.87 202 eP     40 36.22   -0.4
                   eS      40 50.37
BKG        0.97  15 eP     40 37.10   -0.7
CNPM       0.99 127 eP     40 37.18   -0.8
                   eS      40 53.52
BRLK       1.03 110 eP     40 37.93   -0.4
                   eS      40 53.88
CKL        1.09  12 eP     40 38.34   -0.7
CKT        1.11  15 eP     40 38.35   -0.9
SPU        1.11  19 eP     40 38.54   -0.7
CKN        1.13  15 eP     40 38.99   -0.5
BGL        1.15  10 eP     40 39.09   -0.7
CP2        1.16  13 eP     40 39.44   -0.6
MCNL       1.24 220 eP     40 39.14   -1.5
SLKM       1.33  73 eP     40 40.65   -1.1
SUA        1.67  36 eP     40 45.31   -0.7
                   eS      41 07.95
SEW        1.67  90 eP     40 44.37   -1.5
SVW        1.70 306 eP     40 43.90   -2.5
PMS        1.94  54 P      40 48.30   -1.1
SKT        1.95  18 eP     40 48.32   -1.2
PTE        2.00  67 eP     40 48.59   -1.5
PWA        2.08  42 P      40 51.00   -0.1
KNK        2.48  57 eP     40 54.00   -2.5
CUT        2.58  27 eP     40 57.20   -0.5
SML        2.74  50 eP     40 57.55   -2.5
VLZ        3.33  70 eP     41 05.48   -2.4
TRF        3.53  19 eP     41 09.20   -1.6
KLU        3.63  65 eP     41 09.24   -2.8
ILB        5.40  28 eP     41 33.30   -2.9
IL1        5.40  28 eP     41 33.28   -2.9
IM3        5.89 356 eP     41 40.23   -2.7
     38 obs. associated
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* JUN 24, 1994  23h 54m 22.03± 1.58s
  43.210 N ±10.7km   18.856 E ± 8.4km
   DEPTH =   5.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION         (383)
     ML 1.8 (TTG).

BRY        0.38 217 iPgd   54 29.81    0.0
                   iSg     54 35.86
NKY        0.41 165 iPgd   54 30.83    0.5
                   iSg     54 37.33
PLE        0.41  73 iPgc   54 30.51    0.2
                   iSg     54 36.26
HCY        0.81 199 iPg    54 37.99   -0.2
                   iSg     54 50.13
TTG        0.84 159 iPgc   54 37.66   -1.0
                   iSg     54 50.59
IVA        0.84 114 iPgc   54 38.23   -0.5
                   iSg     54 50.78
BDV        0.93 181 iPgc   54 40.33    0.1
                   iSg     54 54.26
PVY        1.03 126 iPgc   54 42.38    0.4
                   iSg     54 57.91
ULC        1.28 167 iPgd   54 46.58    0.3
                   iSg     55 05.88
    S.D. = 0.6  on   9 of   9 obs.
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? JUN 25, 1994  01h 55m 34.51±26.68s
  40.665 N ±49.1km   29.961 E ±166.km
```

DEPTH = 10.0km (geophysicist)
TURKEY (366)

HRT 0.27 305 iPg 55 40.20 -0.1
YLV 0.46 258 iPg 55 43.80 -0.1
eSg 55 48.80
ISK 0.79 301 ePg 55 49.80 -0.1
eSg 55 59.80
CTT 1.26 293 ePn 55 58.00 0.1
S.D. = 0.2 on 4 of 4 obs.

JUN 25, 1994 01h 57m 41.45± 0.34s
18.631 N ± 9.2km 73.404 W ± 8.5km
DEPTH = 10.0km (geophysicist)
4.2mb (8 obs.)
HAITI REGION (87)

TCE 13.75 123 eP 01 02.94 4.0X
TRN 14.06 123 eP 01 04.74 1.8
TPP 14.21 124 eP 01 05.39 0.4
LHS 17.11 339 eP 01 48.88 6.7X
PRM 17.34 334 eP 01 54.02 8.8X
TUL 26.21 316 iPc 03 18.80 0.6
WMOK 27.66 311 eP 03 31.00 -0.5
0.6s 3.92nm 4.3mb
e 03 38.44
ACO 28.90 314 iPc 03 42.70 0.0
LTX 29.55 297 (P) 03 47.76 -1.0
ALQ 33.49 306 eP 04 22.75 -0.6
1.3s 6.07nm 4.4mb
LPAZ 35.08 171 P 04 36.80 -0.9
JAQ 35.15 358 eP 04 37.50 0.3
LPB 35.33 171 P 04 40.20 0.7
RSSD 36.11 321 (P) 04 47.45 1.7
PV09 36.79 310 eP 04 51.32 -0.3
BW06 38.87 316 eP 05 08.11 -0.8
1.2s 5.24nm 4.1mb
DAU 39.04 312 eP 05 10.74 0.2
ARUT 39.74 307 eP 05 16.82 0.6
DUG 40.06 311 eP 05 18.78 0.0
0.9s 5.08nm 4.2mb
TPNV 41.67 305 eP 05 32.77 0.7
e 05 40.43
BAO 42.25 142 eP 05 36.00 -0.9
SOB1 42.35 128 eP 05 36.80 -0.9
KVN 43.61 307 eP 05 48.51 0.6
NEW 46.04 320 eP 06 06.15 -0.9
1.1s 6.64nm 4.5mb
e 06 13.68
INK 61.94 339 eP 08 18.00 14.6X
MBC 62.22 349 eP 08 04.00 -1.2
LKO 66.08 88 P 08 30.02 -1.3
0.8s 8.50nm 5.0mb
NB2 71.30 31 P 09 03.10 0.2
0.8s 0.60nm 3.8mb
GEC2 74.33 43 P 09 20.40 -0.7
0.7s 1.08nm 4.0mb
e 09 27.30
PcP 09 29.90
e 09 40.00
ZST 76.68 43 eP 09 34.00 -0.4
BJI 120.96 351 ePdiff13 03.50 1.9
1.0s 6.00nm
WRA 153.79 263 PKP 17 35.70 0.8
0.8s 0.60nm
S.D. = 0.9 on 28 of 32 obs.

? JUN 25, 1994 02h 56m 20.54± 1.15s
35.243 N ±19.0km 35.737 W ±36.3km
DEPTH = 10.0km (geophysicist)
3.5mb (1 obs.)
NORTHERN MID-ATLANTIC RIDGE (403)

NB2 39.31 34 P 03 51.10 0.0
0.7s 0.90nm 3.5mb
RES 48.29 342 eP 05 04.00 0.7
MBC 54.58 343 eP 05 50.00 -0.7
LPAZ 59.76 217 P 06 27.90 -0.9
LPB 59.95 216 P 06 30.80 0.9
S.D. = 1.2 on 5 of 5 obs.

% JUN 25, 1994 02h 58m 14.18± 3.54s
37.861 N ±26.2km 25.716 W ±11.8km
DEPTH = 5.0km (geophysicist)
AZORES ISLANDS (405)

SETA 0.06 210 eP 58 15.75 0.0
iS 58 16.50
FAC 0.10 149 iP 58 16.35 -0.1
CML 0.16 124 iP 58 17.60 0.0
iS 58 19.80
LFA 0.20 115 eP 58 18.20 -0.2
iS 58 20.60
MESC 0.22 107 eP 58 19.35 0.6
iS 58 21.96
SDCA 0.32 102 iP 58 20.35 -0.4
iS 58 23.75
S.D. = 0.4 on 6 of 6 obs.

% JUN 25, 1994 03h 07m 54.64± 0.61s
26.403 S ± 5.4km 27.458 E ± 6.5km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.8 (PRE).

PRY 0.52 179 iPd 08 04.50 -0.7
S 08 10.20
KSR 0.74 317 eP 08 09.00 -0.4
S 08 18.50
SLR 1.00 48 eP 08 13.60 -0.5
S 08 24.20
SEK 1.92 176 iPc 08 29.00 0.6
S 08 52.60
SWZ 2.06 247 iPc 08 31.00 0.6
S 08 57.00
BFT 2.43 74 eP 08 36.60 0.7
S 09 06.00
NWL 2.58 121 eP 08 41.50 3.5X
S 09 09.60
BOSA 2.85 219 eP 08 42.60 0.9
S 09 17.50
BLF 2.92 202 eP 08 41.60 -1.2
S 09 14.50
FRS 3.83 209 eP 08 55.50 -0.1
S 09 33.70
S.D. = 0.8 on 9 of 10 obs.

% JUN 25, 1994 03h 18m 41.01± 2.78s
33.702 S ± 9.4km 70.949 W ± 8.1km
DEPTH = 71.4 ± 28.5 km
CHILE-ARGENTINA BORDER REGION (127)
MD 3.5 (SAN).

TACH 0.05 11 iP+ 18 51.59 0.0
iS 18 59.73
CHCH 0.34 133 iP 18 52.54 -0.3
iS 19 01.68
PCH 0.37 78 iP+ 18 53.14 0.0
iS 19 02.33
LNV 0.46 237 iP+ 18 53.67 0.0
iS 19 02.93
CACH 0.51 145 iPd 18 54.56 0.2
iS 19 05.26
LCCH 0.57 293 iPd 18 54.79 0.0
iS 19 05.24
PEL 0.60 22 iP 18 55.44 0.3
iS 19 06.03
FCH 0.66 56 iPd 18 56.16 0.0
iS 19 08.21
ROCH 0.73 356 iP+ 18 56.78 0.0
iS 19 08.68
JACH 1.06 16 iP 19 00.55 -0.2
iS 19 15.43
S.D. = 0.2 on 10 of 10 obs.

& JUN 25, 1994 03h 19m 38.28s
63.263 N 151.125 W
DEPTH = 9.1km
CENTRAL ALASKA (1)
<AEIC>. ML 3.0 (AEIC), 3.3
(PMR).

KTH 0.31 17 iP 19 44.22 -0.4
TRF 0.42 63 iP 19 46.59 -0.3
HUR 0.73 112 eP 19 52.06 -0.7
CUT 0.95 155 eP 19 56.22 -0.2
RND 1.04 81 eP 19 57.48 -0.5
eS 20 13.68
MCK 1.09 63 eP 19 58.54 -0.3
eS 20 14.75
BWN 1.17 38 eP 20 00.11 -0.2
SKT 1.30 188 eP 20 01.98 -0.5
eS 20 19.47
NEA 1.60 34 eP 20 06.17 -0.6
DHY 1.71 95 eP 20 08.28 -0.3
eS 20 32.23
PWA 1.72 160 P 20 08.10 -0.4
MLY 1.78 5 eP 20 08.04 -1.5
WRH 1.81 47 eP 20 08.36 -1.5
GHO 1.81 145 eP 20 09.26 -0.7
SUA 1.81 174 eP 20 09.65 -0.4
eS 20 36.07
PLRM 1.92 150 eP 20 11.06 -0.3
PMR 1.92 150 eP 20 10.32 -1.0
SML 1.95 137 eP 20 10.72 -1.2
eS 20 38.27
CCB 2.02 45 eP 20 10.71 -2.1
CP2 2.07 195 eP 20 13.38 -0.5
BGL 2.09 197 eP 20 14.06 0.0
CKN 2.11 194 eP 20 14.82 0.7
MDM 2.12 35 eP 20 12.61 -1.8
CKT 2.13 194 eP 20 14.61 0.0
SPU 2.13 192 eP 20 14.44 -0.1
PMS 2.15 159 P 20 15.10 0.2
HDA 2.18 56 eP 20 16.32 1.2
FBA 2.20 40 ePc 20 13.07 -2.4
KNK 2.24 145 eP 20 15.68 -0.4
eS 20 44.60
TTA 2.25 264 eP 20 16.21 0.0
BKG 2.26 194 eP 20 16.11 -0.4
eS 20 45.79
SCM 2.27 128 eP 20 15.65 -0.9
GLM 2.38 42 eP 20 15.93 -2.2
ILB 2.40 49 eP 20 16.13 -2.3
IL1 2.40 49 eP 20 16.12 -2.3
eS 20 48.03
DDM 2.42 75 eP 20 18.18 -0.4
TOA 2.56 115 P 20 19.80 -0.9
PAX 2.59 94 eP 20 20.82 -0.3
PTE 2.60 157 eP 20 21.23 0.1
RDT 2.77 193 eP 20 23.60 0.0
DFR 2.78 196 eP 20 22.51 -1.3
SLKM 2.80 171 eP 20 23.77 -0.3
REF 2.88 196 eP 20 24.82 -0.5
MPA 2.91 163 eP 20 26.68 1.2
RS2 2.91 196 eP 20 25.60 -0.2
IM3 2.96 339 eP 20 24.44 -1.8
KLU 3.01 124 eP 20 27.22 0.2
eS 21 06.51
SVW 3.02 226 (P) 20 27.02 -0.1
IMA 3.02 340 eP 20 24.98 -2.3
VLZ 3.10 131 eP 20 28.00 -0.2
NNL 3.23 182 eP 20 31.38 1.2
SEW 3.27 165 eP 20 30.08 -0.6
HIN 3.62 141 eP 20 35.55 -0.1
TMW 3.67 85 eP 20 37.50 1.1
CVA 3.73 135 eP 20 36.16 -1.0
CNPM 3.75 181 eP 20 37.33 -0.2
OPT 3.76 197 eP 20 37.69 0.0
PDB 3.78 204 eP 20 37.24 -0.8
GLB 3.87 115 eP 20 39.29 0.1
BCA3 4.24 89 eP 20 43.20 -1.3
BALM 4.69 115 eP 20 50.68 -0.2
BM3 4.98 30 eP 20 51.33 -3.7
62 obs. associated

? JUN 25, 1994 03h 26m 43.70± 0.95s
44.443 N ± 7.2km 7.303 E ±13.3km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.7 (GEN).

PZZ 0.16 294 P 26 47.42 0.0
S 26 49.80
STV 0.20 175 P 26 48.15 0.0
S 26 51.03
ENR 0.23 159 P 26 48.70 0.0
S 26 51.99
BHB 0.40 356 P 26 51.90 0.0
S 26 57.03
S.D. = 0.0 on 4 of 4 obs.

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* JUN 25, 1994 03h 27m 34.54± 2.02s
39.039 N ±18.8km 22.874 E ±12.8km
DEPTH = 33.0km (normal)
GREECE (364)
ML 2.3 (THE).

AGG 0.42 268 ePg 27 44.12 0.1
eSg 27 50.40
PAIG 1.08 35 ePg 27 52.92 -0.5

25d 03h

LIT 1.10 344 ePg 27 53.08 -0.6
eSg 28 06.44
OUR 1.55 33 ePb 28 00.40 0.3
SOH 1.82 12 ePb 28 04.02 0.0
eSb 28 25.74
GRG 1.95 349 ePb 28 05.80 -0.2
iSb 28 28.62
KNT 2.12 0 ePn 28 09.32 1.0
eSn 28 32.96
OHR 2.61 323 e(Pn) 28 19.50 4.1X
S.D. = 0.7 on 7 of 8 obs.

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* JUN 25, 1994 04h 18m 20.94± 0.85s
28.345 N ±15.1km 94.673 E ±15.7km
DEPTH = 33.0km (normal)
4.0mb (3 obs.)
EASTERN XIZANG-INDIA BORDER REG.(313)

SHL 3.72 223 eP 19 17.00 -0.7
eS 20 07.00
BJI 21.21 51 eP 23 05.00 -1.0
Z 12s 0.30um 3.9MszX
GBA 21.73 231 P 23 30.90 19.5X
0.9s 6.00nm
WRA 61.43 137 P 28 37.50 0.9
0.9s 0.70nm 3.8mb
NB2 62.52 327 P 28 44.00 0.6
0.8s 1.70nm 4.2mb
GEC2 63.52 313 P 28 50.40 0.2
0.9s 1.12nm 4.0mb
S.D. = 1.1 on 5 of 6 obs.

& JUN 25, 1994 04h 37m 44.82s
60.955 N 149.958 W
DEPTH = 34.4km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.8 (AEIC).

PMS 0.35 33 P 37 53.00 -0.4
S 37 59.40
PTE 0.47 101 iP 37 54.10 -0.8
eS 38 01.57
SLKM 0.47 196 iP 37 54.36 -0.6
eS 38 01.96
MPA 0.55 148 eP 37 55.20 -0.9
eS 38 03.99
SUA 0.64 324 eP 37 56.71 -0.7
eS 38 06.80
NKA 0.66 252 iP 37 58.61 0.9
PWA 0.70 3 P 37 57.20 -1.0
S 38 08.50
PLRM 0.75 32 eP 37 57.75 -1.2
eS 38 08.34
PMR 0.75 32 iP 37 57.45 -1.5
iS 38 08.25
KNK 0.86 57 eP 37 59.57 -1.0
eS 38 11.96
SEW 0.89 163 eP 37 59.43 -1.5
eS 38 11.46
GHO 0.96 31 eP 38 01.06 -1.0
SPU 1.04 283 eP 38 02.02 -1.2
eS 38 16.67
CRP 1.11 287 eP 38 05.68 1.4
eS 38 19.97
CKN 1.11 285 eP 38 03.86 -0.4
CKT 1.12 284 eP 38 03.73 -0.6
eS 38 18.50
BKG 1.13 277 eP 38 03.79 -0.7
eS 38 19.26
NNL 1.13 216 eP 38 04.42 0.0
CP2 1.15 287 eP 38 04.04 -0.9
iS 38 20.30
SML 1.16 42 eP 38 03.94 -1.0
CKL 1.18 283 eP 38 04.76 -0.5
BGL 1.22 286 eP 38 05.45 -0.4
RDT 1.26 253 eP 38 05.49 -0.9
eS 38 22.44
SKT 1.28 324 eP 38 05.41 -1.2
eS 38 23.15
DFR 1.39 256 eP 38 08.03 -0.2
REF 1.43 252 eP 38 08.11 -0.8
eS 38 27.26
RSO 1.46 251 eP 38 07.53 -1.9
RS2 1.46 251 eP 38 09.09 -0.3
CUT 1.46 354 eP 38 08.56 -0.7
eS 38 28.33
SCM 1.54 54 eP 38 09.67 -0.8
eS 38 29.99
HOM 1.55 214 eP 38 10.13 -0.3
eS 38 30.49
CNPM 1.57 205 eP 38 10.03 -0.8
eS 38 29.98
VLZ 1.77 83 eP 38 12.11 -1.5
eS 38 33.93
HIN 1.79 107 eP 38 12.77 -1.2
KLU 2.03 73 eP 38 15.78 -1.6
HUR 2.04 4 eP 38 17.21 -0.2
OPT 2.09 233 eP 38 17.68 -0.5
CVA 2.11 99 eP 38 16.19 -2.2
TOA 2.15 56 P 38 18.40 -0.7
AUP 2.36 229 eP 38 21.00 -1.1
PDB 2.41 243 eP 38 20.67 -2.0
DHY 2.45 29 eP 38 22.97 -0.5
TRF 2.51 357 eP 38 24.57 0.3
KTH 2.65 351 eP 38 26.29 0.2
SVW 2.76 276 eP 38 26.73 -1.0
GLB 3.02 78 eP 38 29.19 -2.2
BALM 3.71 85 eP 38 39.10 -2.1
IL1 4.08 19 eP 38 44.90 -1.5
ILB 4.08 19 eP 38 45.86 -0.6
FBA 4.08 13 eP 38 45.97 -0.5
eS 39 30.30
BCA3 4.40 58 eP 38 49.54 -1.4
IM3 5.33 343 eP 39 01.42 -2.6
52 obs. associated

? JUN 25, 1994 05h 00m 46.47± 2.50s
41.777 N ±24.7km 43.697 E ±19.1km
DEPTH = 33.0km (normal)
4.4mb (8 obs.)
GEORGIA-ARMENIA-TURKEY BORD REG.(367)

PYA 2.30 348 iPn 01 22.50 -0.4
i 01 27.00
MAK 3.03 65 iPnd- 01 45.20 12.0X
e 01 51.50
eS 02 18.00
SOC 3.45 303 ePn 01 45.00 5.9X
TAB 4.22 151 eP 02 18.00 27.8X
ANN 5.60 306 eP 02 09.00 -0.6
1.0s 30.00nm 4.8mb
eS 03 10.00
ASH 11.89 104 eP 03 41.00 4.4X
MLR 13.38 292 eP 04 02.00 5.4X
OBN 14.13 343 eP 04 06.50 0.4
1.0s 14.00nm 4.6mb
SVE 18.58 30 iPc 05 02.20 -0.4
1.2s 60.00nm 4.7mb
Z 12s 0.10um 4.6MszX
N 12s 0.20um
E 12s 0.10um
ZST 19.82 298 eP 05 41.20 24.2X
PTJ 20.38 291 eP 05 24.10 1.1
BRVK 21.10 49 iPc 05 34.00 3.7X
0.9s 32.00nm 4.7mb
Z 16s 0.10um 3.3MszX
N 16s 0.10um
E 16s 0.10um
eS 09 18.00
NUR 22.09 335 eP 05 42.70 2.7X
GEC2 22.15 299 P 05 44.80 3.9X
0.9s 1.76nm 3.5mb
e 05 48.00
e 05 52.10
e 05 54.30
e 05 58.70
e 06 06.10
BRG 22.34 304 e(P) 05 52.00 9.4X
KAF 22.87 339 eP 05 48.10 0.4
0.8s 11.50nm 4.4mb
LVZ 26.63 352 (P) 06 27.40 3.9X
BSF 26.69 296 eP 06 22.10 -2.2
LPG 26.84 291 eP 06 23.00 -3.0X
NB2 27.51 326 P 06 33.00 1.4
0.6s 2.40nm 4.0mb
SSF 28.95 294 eP 06 43.70 -1.0
AVF 29.08 294 eP 06 47.30 1.5
0.6s 2.70nm 4.1mb
ILT 66.09 16 eP 11 29.00 -2.8X
PCI 80.28 100 ePc 13 12.00 16.3X
S.D. = 1.3 on 10 of 24 obs.

& JUN 25, 1994 06h 04m 37.21s
61.436 N 150.802 W
DEPTH = 59.3km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.5 (AEIC).

SUA 0.04 45 iP 04 46.28 1.6
eS 04 54.18
PWA 0.49 64 P 04 48.90 -0.2
PMS 0.63 107 P 04 50.30 -0.4
S 05 01.70
SKT 0.65 328 eP 04 50.16 -0.8
eS 05 00.75
SPU 0.66 248 eP 04 50.37 -0.7
eS 05 01.14
CKN 0.70 253 eP 04 51.33 -0.2
CP2 0.72 257 eP 04 51.13 -0.8
eS 05 02.97
CKT 0.72 251 eP 04 51.12 -0.7
eS 05 02.27
NKA 0.73 197 eP 04 52.69 0.9
CKL 0.78 253 eP 04 51.92 -0.7
BGL 0.78 258 eP 04 52.11 -0.6
BKG 0.80 243 eP 04 52.11 -0.7
eS 05 04.41
PMR 0.82 78 iPc 04 51.59 -1.3
GHO 0.96 69 eP 04 54.12 -0.8
eS 05 08.26
SLKM 0.97 163 eP 04 54.18 -0.9
eS 05 08.22
CUT 1.00 14 eP 04 54.60 -0.8
PTE 1.04 123 eP 04 55.04 -0.8
KNK 1.13 90 eP 04 56.37 -0.8
eS 05 11.92
RDT 1.17 223 eP 04 56.84 -0.8
eS 05 12.85
MPA 1.18 143 eP 04 57.53 -0.3
eS 05 13.70
SML 1.24 71 eP 04 57.41 -1.2
DFR 1.25 228 eP 04 58.24 -0.6
eS 05 15.46
REF 1.33 225 eP 04 59.32 -0.7
eS 05 17.63
RS2 1.37 225 eP 04 59.85 -0.7
eS 05 18.38
SEW 1.49 153 eP 05 02.25 0.2
SCM 1.71 75 eP 05 03.87 -1.3
INE 1.77 220 eP 05 05.31 -0.8
TRF 2.04 7 eP 05 09.83 0.0
OPT 2.15 215 eP 05 10.74 -0.6
VLZ 2.18 96 eP 05 09.22 -2.4
DHY 2.30 43 eP 05 13.64 0.1
TOA 2.30 71 P 05 12.50 -1.0
KLU 2.34 86 eP 05 11.56 -2.5
SVW 2.35 264 iPc 05 11.95 -2.2
SDG 2.71 64 eP 05 18.60 -0.6
GLB 3.36 87 eP 05 26.05 -2.4
IL1 3.79 26 eP 05 33.09 -1.3
ILB 3.79 26 eP 05 37.39 3.0
IM3 4.75 345 eP 05 45.43 -2.5
39 obs. associated

JUN 25, 1994 06h 40m 17.60± 0.49s
19.006 N ± 4.7km 66.830 W ± 3.7km
DEPTH = 46.8 ± 6.0 km
4.7mb (40 obs.)
PUERTO RICO REGION (90)
MD 4.5 (MPR). Felt at Cayey and Mayaguez.

APR 0.56 170 iPd 40 30.34 0.9
LRS 0.71 181 iPd 40 31.94 0.5
CLLP 0.95 165 iPd 40 35.79 1.0
PNP 0.95 172 iPd 40 35.87 1.1
CSB 0.96 138 iPd 40 35.08 0.2
MGP 1.02 194 iPd 40 36.75 1.0
SJG 1.10 144 iPd 40 37.01 0.1
LPR 1.15 127 iP+ 40 37.27 -0.3
CPD 1.30 138 iP+ 40 39.28 -0.3
BPA 5.12 112 eP 41 31.50 -2.3
SEG 5.70 116 eP 41 41.30 -0.6
PAG 5.74 120 eP 41 41.40 -1.1
MGG 6.09 119 eP 41 46.80 -0.6
DEG 6.12 115 eP 41 46.40 -1.5
SLB 7.58 132 eP 42 12.77 4.5X
SVV 7.81 136 eP 42 11.88 0.3
SVB 7.82 136 eP 42 10.68 -1.0
TCE 9.61 149 eP 42 38.79 2.5X
TRN 9.83 147 eP 42 40.91 1.7

TPP 10.08 148 eP 42 44.29 1.5
TBH 10.14 146 eP 42 44.03 0.5
SGS 18.69 322 (P) 44 32.97 -1.5
e 44 36.74
eSg 47 39.23
LHS 19.80 324 (P) 44 45.90 -1.0
e 44 51.59
eSg 48 04.11
JSC 19.91 323 eP 44 46.95 -1.1
e 44 52.99
eSg 48 04.59
PRM 20.42 320 eP 44 52.54 -0.9
e 44 58.72
eSg 48 20.32
GOGA 20.66 317 eP 44 54.90 -1.0
e 45 01.66
eSg 48 27.55
CVL 21.46 334 eP 45 02.43 -1.5
e 45 13.87
BLA 21.70 330 eP 45 06.25 -0.2
e 45 18.71
eSg 48 55.22
GPD 22.89 345 (P) 45 19.05 0.9
e 45 34.15
TBR 22.95 346 (P) 45 18.68 0.0
LSCT 23.25 348 (P) 45 21.50 -0.1
1.0s 18.10nm 4.5mb
e 45 40.42
eSg 49 28.32
MCWV 23.45 334 eP 45 25.24 1.7
1.7s 39.29nm 4.6mb
BINY 24.39 343 eP 45 32.60 -0.2
1.2s 17.53nm 4.5mb
e 45 52.83
YSNY 25.42 340 eP 45 42.03 -0.4
1.1s 33.88nm 4.8mb
e 46 08.02
LBNH 25.52 351 eP 45 44.16 0.8
0.9s 7.38nm 4.2mb
e 46 10.99
LMN 26.82 3 eP 45 56.00 0.6
1.0s 6.00nm 4.2mb
WMOK 32.35 305 eP 46 43.86 -1.0
0.6s 6.36nm 4.6mb
LTX 35.02 294 eP 47 06.81 -1.2
iPcP 49 40.13
LPAZ 35.10 182 P 47 07.20 -2.1
LPB 35.34 182 P 47 10.30 -0.8
JAQ 35.40 351 eP 47 10.00 -0.9
CCH 36.17 179 P 47 16.10 -1.9
SOB1 37.95 135 eP 47 30.90 -1.8
ALQ 38.44 303 eP 47 36.66 -0.3
1.0s 6.59nm 4.5mb
ULM 38.81 330 eP 47 44.50 5.0X
BAO 39.10 150 eP 47 41.90 -0.5
ITR 39.32 132 eP 47 43.80 -0.4
RSSD 39.89 317 eP 47 48.91 0.1
1.1s 7.50nm 4.4mb
PV10 41.33 307 ePc 48 00.92 0.1
PV09 41.43 307 eP 48 02.36 0.7
BW06 43.05 313 eP 48 14.29 -0.5
0.6s 3.64nm 4.3mb
DAU 43.53 309 (P) 48 18.95 0.1
MSU 43.74 306 eP 48 21.23 0.7
ARUT 44.56 305 eP 48 27.72 0.7
DUG 44.63 308 eP 48 27.57 0.1
0.7s 2.11nm 4.1mb
LRM 46.04 316 eP 48 39.40 0.7
TPNV 46.62 303 eP 48 44.68 1.3
GSC 46.85 301 eP 48 46.61 1.5
PEC 46.99 299 eP 48 47.71 1.5
0.8s 9.90nm 4.8mb
CSP 47.19 299 eP 48 49.46 1.6
NEW 49.85 318 iPd 49 07.70 -0.5
0.6s 15.51nm 5.2mb
epP 49 24.75 67kmX
YKA 54.41 335 eP 49 40.20 -1.8
0.7s 5.90nm 4.7mb
Z 20s 0.17um 4.1Msz
LR 14 36.00
LKO 59.85 90 P 50 21.46 0.2
0.5s 4.00nm 4.8mb
LPF 59.97 45 eP 50 21.70 0.1
GRR 60.12 45 eP 50 23.00 0.4
0.5s 2.85nm 4.7mb
FLN 60.40 44 eP 50 24.90 0.4
0.7s 11.35nm 5.1mb

MFF 60.48 47 eP 50 25.60 0.5
0.5s 5.90nm 5.0mb
LDF 60.63 44 eP 50 26.50 0.5
0.5s 4.45nm 4.8mb
EPF 60.71 51 eP 50 27.50 0.7
0.5s 5.45nm 4.9mb
LFF 61.03 49 eP 50 29.20 0.3
0.5s 5.45nm 4.9mb
LPO 61.35 49 eP 50 31.30 0.3
0.5s 3.50nm 4.7mb
KIC 61.59 93 P 50 33.27 0.2
0.5s 4.50nm 4.9mb
RJF 61.59 48 eP 50 32.90 0.2
0.6s 6.05nm 4.9mb
LSF 61.63 47 eP 50 33.00 0.1
CAF 61.98 49 eP 50 35.60 0.3
TCF 62.10 47 eP 50 36.20 0.1
0.6s 4.95nm 4.8mb
MAF 62.35 47 eP 50 37.80 0.1
AVF 62.90 47 eP 50 41.30 0.0
0.6s 2.55nm 4.5mb
SSF 63.01 46 eP 50 42.20 0.2
0.6s 3.50nm 4.7mb
MBC 63.12 348 eP 50 42.00 -0.3
0.7s 3.00nm 4.5mb
SMF 63.23 47 eP 50 43.60 0.1
LOR 63.25 46 eP 50 43.50 -0.1
0.5s 4.30nm 4.8mb
LBF 63.33 46 eP 50 43.80 -0.4
0.4s 0.90nm 4.2mb
INK 63.91 338 eP 50 47.00 -0.6
0.9s 2.00nm 4.2mb
HAU 64.93 45 eP 50 54.70 0.1
WTS 65.22 41 eP 50 57.50 1.2
0.9s 16.00nm 5.1mb
BSF 65.23 45 eP 50 56.40 -0.3
LPL 65.26 48 eP 50 56.50 -0.6
LPG 65.28 48 eP 50 56.90 -0.3
CDF 65.54 45 eP 50 58.70 0.1
0.9s 5.90nm 4.6mb
NB2 67.78 31 P 51 13.10 0.6
1.1s 4.90nm 4.5mb
SQTA 68.25 46 iPc 51 16.70 0.8
0.8s 9.30nm 4.9mb
TOA 68.41 330 eP 51 14.10 -2.3
0.7s 10.50nm 5.0mb
WTTA 68.54 46 iPc 51 19.70 2.0
0.8s 6.60nm 4.7mb
CLL 69.09 41 e(P) 51 20.00 -0.8
FBA 69.13 333 eP 51 20.04 -0.7
0.9s 1.96nm 4.1mb
epP 51 38.04 67kmX
KBA 69.72 46 iPc 51 25.60 0.7
i 51 45.20
GEC2 69.77 44 P 51 12.40 -12.7X
1.6s 1.71nm
e 51 25.40
e 51 41.70
IMA 71.53 335 ePc 51 34.99 -0.5
0.8s 5.08nm 4.5mb
SDF 73.86 24 iP 51 50.10 1.2
NUR 74.38 31 eP 51 57.50 5.5X
KAF 74.85 29 iP 51 55.80 1.1
0.5s 1.90nm 4.3mb
OHR 76.02 51 eP 52 04.00 2.1
MLR 78.59 46 eP 52 20.00 3.8X
TOO 146.29 230 ePKP 59 56.80 2.9X
0.3s 10.00nm
STKA 151.41 238 iPKPd 00 08.70 6.8X
0.8s 13.40nm
TLE 156.75 302 iPKPd 59 48.10 -21.6X
S.D. = 1.0 on 98 of 107 obs.

? JUN 25, 1994 07h 14m 38.34± 1.22s
39.231 N ± 8.7km 27.813 E ±13.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
IZM 0.94 208 ePg 14 56.20 0.0
eSg 15 11.20
KCT 1.10 22 iPn 14 59.20 0.2
EDC 1.12 2 ePn 14 59.00 -0.3
EZN 1.30 298 ePn 15 02.40 0.1
S.D. = 0.3 on 4 of 4 obs.

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* JUN 25, 1994 07h 31m 31.49± 2.81s
44.239 N ±11.0km 6.617 E ±17.7km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 2.2 (GEN).
ISO 0.32 100 iPgc 31 38.08 0.2
i 31 38.09
i 31 38.10
iSg 31 42.08
PZZ 0.44 52 P 31 40.42 0.1
S 31 45.91
STV 0.51 89 P 31 41.52 -0.2
S 31 48.06
ENR 0.58 91 P 31 43.44 0.4
S 31 50.35
RRL 0.69 10 P 31 45.64 0.3
S 31 54.29
BHB 0.76 37 P 31 46.28 -0.5
S 31 54.93
ROB 0.90 86 P 31 49.16 -0.1
S 32 00.10
IMI 0.97 109 P 31 50.54 0.0
FIN 1.14 91 P 31 53.19 -0.2
PCP 1.42 77 P 31 57.90 -0.1
S.D. = 0.3 on 10 of 10 obs.

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* JUN 25, 1994 07h 35m 47.53± 2.50s
3.805 N ±13.4km 95.901 E ±13.5km
DEPTH = 52.0 ± 21.7 km
4.4mb (7 obs.)
OFF W COAST OF NORTHERN SUMATERA(705)
IPM 5.17 81 ePc 37 04.00 -0.4
0.7s 86.30nm 5.1mb
SNG 5.77 54 ePn 37 12.80 0.1
ePg 37 28.00
eSn 38 05.00
eSg 38 22.00
KGM 7.62 103 eP 37 19.00 -19.6X
CHTO 15.21 11 eP 39 20.40 -0.3
GBA 20.67 299 P 40 26.00 0.4
KMI 22.19 17 eP 40 42.20 1.0
LZH 32.95 12 eP 42 16.50 -3.1X
1.0s 25.00nm 5.0mb
PP 43 10.00
BJI 40.46 24 eP 43 22.50 -0.2
1.0s 11.00nm 4.6mb
WRA 44.53 123 P 43 56.70 0.5
0.9s 2.80nm 4.0mb
WB2 44.54 123 eP 43 56.20 -0.1
0.7s 5.50nm 4.5mb
i 44 10.90
GEC2 82.01 319 P 48 03.70 0.1
1.0s 2.16nm 4.1mb
PcP 48 15.00
e 48 19.50
e 48 29.80
NB2 84.11 331 P 48 12.80 -1.3
0.9s 1.40nm 4.0mb
S.D. = 0.7 on 10 of 12 obs.

JUN 25, 1994 07h 42m 04.87± 0.72s
19.151 N ± 7.1km 66.736 W ± 8.4km
DEPTH = 33.0km (normal)
PUERTO RICO REGION (90)
APR 0.70 179 iPd 42 18.35 0.1
LRS 0.86 187 iP 42 19.94 -0.7
CSB 1.02 147 iP 42 22.86 0.0
LSP 1.02 199 iPd 42 22.27 -0.7
CLLP 1.08 172 iPd 42 23.77 0.1
PNP 1.09 177 iPd 42 23.83 0.0
LPR 1.17 135 iP 42 25.28 0.2
SJG 1.17 152 iP 42 25.18 0.1
MGP 1.19 196 iPd 42 24.71 -0.5
CPD 1.35 145 iP+ 42 27.81 0.2
IMO 1.52 227 iPd 42 31.71 1.7
LTX 35.04 294 eP 48 55.19 -1.7
LCCM 45.63 316 eP 50 24.70 0.6
e 50 41.30
LRM 46.00 316 eP 50 27.70 0.5
S.D. = 0.8 on 14 of 14 obs.

% JUN 25, 1994 08h 13m 44.65± 2.98s
18.940 N ±27.6km 66.680 W ± 7.3km
DEPTH = 33.0km (normal)
PUERTO RICO REGION (90)
MD 4.0 (MPR).

APR 0.49 186 iPd 14 04.92 9.8X
LRS 0.66 194 iPd 14 03.34 5.8X
CSB 0.81 142 iPd 14 00.33 0.6
LSP 0.85 207 iPd 14 00.99 0.8
CLLP 0.86 173 iPd 14 00.45 0.1
PNP 0.88 180 iPd 14 00.55 0.0
SJG 0.96 149 iP+ 14 01.85 -0.1
LPR 0.99 129 iP+ 14 01.93 -0.4
MGP 1.01 203 iPd 14 01.46 -1.0
CPD 1.15 141 iPc 14 04.52 0.0
IMO 1.43 235 iPd 14 08.55 0.1
S.D. = 0.6 on 9 of 11 obs.

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* JUN 25, 1994 08h 18m 27.44± 0.86s
34.722 S ±11.8km 179.889 W ±16.9km
DEPTH = 33.0km (normal)
5.1mb (5 obs.)
SOUTH OF KERMADEC ISLANDS (179)

MRW 7.77 212 P 20 22.00 0.9
eS 21 46.80
DZM 17.39 313 iPc 22 30.10 0.8
NOUC 17.46 312 iP 22 32.10 2.1
ASPA 41.50 273 eP 26 12.10 -1.1
0.6s 25.20nm 5.1mb
WB2 42.87 278 iPc 26 23.00 -1.5
0.3s 34.70nm 5.6mb
WRA 42.88 278 P 26 23.10 -1.4
0.7s 14.90nm 4.8mb
SPA 55.46 180 iPc 28 02.70 1.6
0.8s 4.58nm 4.6mb
MAW 67.71 202 eP 29 23.00 -0.2
SNA 75.25 179 iPd 30 07.80 -0.3
0.5s 14.08nm 5.2mb
MBC 116.97 14 ePKP 37 06.00 -3.2X
RES 121.84 18 ePKP 37 15.50 -3.0X
1.0s 3.00nm
AKU 147.15 14 iPKP 38 05.40 0.0
1.0s 24.00nm
OBN 147.63 320 iPKPc 38 06.20 -0.3
1.9s 28.00nm
KAF 147.99 337 iPKP 38 05.60 -1.3
0.4s 2.40nm
NUR 149.71 336 ePKP 38 10.30 0.7
0.4s 6.60nm
LIC 151.25 169 PKP 38 18.65 5.3X
0.7s 12.50nm
KIC 151.42 170 PKP 38 18.85 5.2X
0.9s 17.00nm
TIC 151.66 169 PKP 38 19.35 5.4X
0.9s 13.00nm
NB2 152.71 348 PKP 38 17.80 3.7X
0.7s 7.20nm
GEC2 162.67 329 PKP 38 23.60 -2.8X
0.9s 1.53nm
S.D. = 1.3 on 13 of 20 obs.

JUN 25, 1994 08h 32m 42.83± 0.42s
27.603 N ± 7.5km 85.891 E ± 8.1km
DEPTH = 33.0km (normal)
4.3mb (7 obs.)
NEPAL (310)

SHL 5.74 109 ePn 34 07.00 -1.1
eSn 35 08.50
NDI 7.73 280 eP 34 40.00 4.0X
HYB 12.19 215 eP 35 37.00 -0.1
GBA 16.01 211 P 36 26.90 -0.3
0.7s 10.00nm 4.1mb
S 39 09.90
MLR 50.19 308 eP 41 41.00 3.4X
e 49 55.00
KAF 51.83 329 iP 41 49.90 0.4
0.3s 0.60nm 4.0mb
NUR 52.28 327 iP 41 52.50 -0.4
NB2 58.88 327 P 42 39.40 -1.2
0.5s 1.10nm 4.2mb
LPG 63.56 310 eP 43 13.50 0.8
0.7s 3.40nm 4.6mb
LPL 63.57 310 eP 43 13.40 0.7
SMF 65.25 311 eP 43 22.00 -1.4
SSF 65.37 312 eP 43 24.30 0.2
0.5s 1.45nm 4.3mb
AVF 65.54 312 eP 43 25.40 0.2
WRA 66.58 130 P 43 33.20 1.0
0.5s 1.10nm 4.2mb
WB2 66.59 130 iPc 43 32.90 0.7
0.5s 4.00nm 4.8mb
MBC 75.20 6 eP 44 23.50 0.2
INK 80.04 14 eP 44 50.50 0.4
S.D. = 0.8 on 15 of 17 obs.

? JUN 25, 1994 08h 37m 09.96± 1.25s
18.995 N ±11.6km 120.912 E ±19.2km
DEPTH = 33.0km (normal)
LUZON, PHILIPPINE ISLANDS (249)

PIP 0.72 203 iPd 37 23.50 -0.2
iS 37 37.50
SZP 1.50 197 ePd 37 35.00 0.2
eS 37 48.00
CVP 1.55 146 iPd 37 35.50 0.0
eS 37 51.00
BBP 1.75 34 ePc 37 38.40 0.0
S.D. = 0.3 on 4 of 4 obs.

JUN 25, 1994 08h 38m 06.80± 0.15s
43.883 N ± 3.3km 147.213 E ± 2.7km
DEPTH = 65.5km (21 depth phases)
5.3mb (111 obs.)
KURIL ISLANDS (221)
Mw 5.3 (HRV). mb 5.1 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 45C
Centroid Location:
Origin Time 08:38: 8.9 0.3
Lat 44.00N 0.03 Lon 147.38E 0.06
Dep 83.2 4.6 Half-duration 1.6
Moment Tensor; Scale 10**16 Nm
Mrr=-0.39 0.34 Mtt= 3.25 0.67
Mff=-2.86 0.54 Mrt=-2.52 0.40
Mrf=-9.26 0.29 Mtf=-1.77 0.48
Principal Axes:
T Val= 7.84 Plg=49 Azm=105
N 3.73 0 15
P -11.57 41 285
Best Double Couple:Mo=9.7*10**16
NP1:Strike= 13 Dip= 4 Slip= 88
NP2: 195 86 90

KUSJ 1.98 248 iPd 38 39.60 0.9
eS 39 02.40
HOOJ 3.24 244 eP 38 58.20 1.9
eS 39 36.40
ASAJ 3.31 276 P 39 00.80 3.5X
SAP 4.36 261 eP 39 14.00 2.0
eS 40 04.00
YSS 4.45 316 iPnd- 39 14.00 0.7
Z 15s 4.80um
N 15s 3.10um
E 15s 4.30um
iS 40 01.40
MRRJ 4.72 254 eP 39 19.10 2.0
eS 40 12.20
AOMJ 6.07 239 eP 39 35.80 -0.1
eS 40 41.00
OFUJ 6.35 223 P 39 38.50 -1.4
eS 40 45.50
YAMJ 7.87 226 eP 39 59.60 -1.3
eS 41 24.50
SKR 9.08 39 ePn 40 15.20 -2.3
Z 18s 2.00um
N 18s 1.90um
E 20s 1.60um
NIIJ 9.11 226 P 40 16.70 -1.3
KAKJ 9.37 217 P 40 19.20 -2.3
S 41 58.20
CHJJ 10.04 222 P 40 28.90 -1.8
S 42 16.10
MAT 10.05 226 eP 40 30.00 -0.9
0.8s 64.93nm 5.7mb
Z 20s 2.13um 4.5Msz
eS 42 17.00
MTMJ 10.23 228 P 40 32.50 -0.9
IIDJ 11.03 224 P 40 43.80 -0.3
S 42 40.20
PET 11.87 36 ePn 40 55.00 -0.2
Z 20s 1.80um
eS 43 12.00
TSRJ 12.00 230 P 40 57.50 0.5
WKYJ 13.20 227 eP 41 11.10 -1.8
YONJ 13.70 235 eP 41 20.20 0.8
TKSJ 14.22 230 P 41 25.00 -1.2
SEY 19.32 7 iP 42 27.00 -2.1
iS 45 58.50
SMY 19.86 54 eP 42 35.56 0.7
1.2s 332.95nm 5.5mb
YAK 20.87 337 iPd 42 40.20 -5.0X
Z 14s 1.00um 4.3MszX
E 15s 0.60um
i 43 00.00 95kmX
iPPP 43 14.00
iS 46 24.00
iSS 46 56.00
i 54 01.00
BJI 23.32 271 eP 43 09.00 -0.6
1.6s 464.00nm 5.7mb
Z 20s 1.99um 4.6Msz
N 14s 0.63um
ePP 43 40.00
eS 47 12.00
eSS 47 56.00
CIT 23.76 302 eP 43 12.00 -1.9
Z 12s 2.10um 4.8MszX
eS 47 24.00
SSE 24.16 247 Pc 43 20.00 2.2
1.0s 66.00nm 5.1mb
Z 20s 0.90um 4.2Msz
N 12s 0.30um
E 14s 0.30um
i 43 35.00 64km
PPP 44 04.00
S 47 32.00
sS 47 46.00
BOD 24.79 316 eP 43 19.60 -4.0X
1.0s 27.00nm 4.7mb
ADK 25.29 59 eP 43 27.73 -0.6
1.1s 42.97nm 4.8mb
IRK 29.49 302 eP 44 04.00 -2.6X
e 45 04.00 314kmX
ILT 30.00 25 eP 44 07.00 -3.9X
Z 16s 0.40um 4.2MszX
N 14s 0.30um
E 16s 0.30um
i 44 32.80 118kmX
e 45 15.00
iPPP 45 18.00
ZAK 30.23 298 eP 44 10.40 -2.6X
1.6s 69.00nm 5.1mb
e 45 11.00 316kmX
e 47 12.00
e 50 47.00
LZH 33.81 272 iPd 44 45.00 0.2
1.8s 59.00nm 5.2mb
Z 20s 1.45um 4.7Msz
E 12s 0.52um
pP 45 02.50 73km
sP 45 15.00
TTA 37.30 39 eP 45 13.84 0.0
1.0s 18.98nm 5.0mb
SVW 37.42 42 ePc 45 15.72 0.9
0.6s 46.16nm 5.6mb
BRW 38.36 26 eP 45 20.94 -1.6
IMA 38.55 34 iPc 45 23.99 -0.4
0.7s 23.28nm 5.2mb
KDC 39.18 47 eP 45 28.35 -1.1
0.9s 44.05nm 5.4mb
epP 45 43.75 61km
SLKM 40.08 43 eP 45 36.71 -0.3
KMI 40.59 257 P- 45 42.00 0.2
1.6s 200.00nm 5.7mb
Z 20s 0.90um 4.6Msz
pP 45 54.50 46kmX
sP 46 01.00
PP 47 18.00
S 51 45.00
sS 52 05.00
FBA 40.96 36 ePc 45 44.80 0.7
0.9s 32.40nm 5.1mb
NVS 41.67 309 eP 45 47.80 -2.2
ePP 46 02.40
ePPP 47 46.00
eSS 51 52.70
TOA 41.88 40 ePc 45 52.90 1.1
0.7s 33.70nm 5.2mb
KLU 42.07 41 eP 45 53.61 0.3
INK 46.27 30 ePc 46 27.00 0.2
0.5s 16.00nm 5.2mb
LOE 46.42 250 iPd 46 29.00 0.4
CHTO 47.36 254 iPd 46 37.00 0.9

1.0s 63.00nm 5.5mb
SHL 48.09 267 iP 46 41.50 -0.4
BDT 48.39 252 eP 46 44.20 0.1
1.0s 48.30nm 5.4mb
MBC 48.68 19 eP 46 43.50 -2.1
0.5s 2.00nm 4.4mb
NST 48.72 250 eP 46 48.00 1.4
FRU 51.17 296 iP 47 06.00 0.9
2.5s 440.00nm 6.0mb
e 47 24.00 71km
NNT 51.19 247 eP 47 06.00 0.5
SNG 54.64 242 eP 47 33.20 2.1
RES 54.83 17 eP 47 28.50 -3.3X
0.5s 6.00nm 4.9mb
YKA 55.67 34 eP 47 38.40 0.4
0.8s 8.30nm 4.8mb
Z 20s 0.13um 4.0Msz
LR 15 20.00
NDI 56.83 279 iPd 47 46.00 -0.8
0.9s 105.04nm 5.9mb
LVZ 57.70 336 eP 47 51.00 -1.4
GMW 59.46 52 eP 48 05.18 0.2
epP 48 21.08 59km
BMW 59.80 53 eP 48 07.38 0.1
RMW 60.07 52 eP 48 09.49 0.3
SDF 60.39 338 iP 48 09.60 -1.4
LON 60.46 52 eP 48 11.69 -0.1
NEW 62.21 49 iPd 48 22.93 -0.7
1.1s 18.81nm 5.1mb
epP 48 40.13 65km
YBH 62.78 57 ePc 48 28.16 0.6
1.6s 40.00nm 5.3mb
Z 21s 0.20um 4.3Msz
ipPc 48 58.62 125kmX
eS 56 57.62
isS 57 30.62
e 58 41.62
eSS 00 58.62
eLQ 04 21.62
eLR 07 33.62
HYB 62.82 268 iPd 48 27.00 -1.0
0.7s 64.10nm 5.8mb
LBFM 63.51 57 eP 48 32.89 0.4
WDC 63.56 58 ePd 48 30.11 -2.5
1.4s 20.00nm 4.9mb
Z 18s 0.10um 4.0Msz
ipPc 49 00.11 123kmX
iS 57 08.11
isS 57 39.11
eLQ 04 44.11
eLR 07 45.11
KAF 64.22 333 iP 48 33.80 -2.7X
0.4s 24.70nm 5.5mb
ASH 64.26 299 eP 48 37.50 0.4
1.3s 200.00nm 5.9mb
MIN 64.28 58 ePc 48 36.98 -0.5
MOS 64.37 324 iPc 48 36.00 -1.6
2.0s 240.00nm 5.8mb
e 48 59.00 90kmX
MAIO 64.51 297 iPd 48 39.00 0.1
0.9s 12.36nm 4.9mb
WB2 64.60 193 iPc 48 40.00 0.7
0.6s 13.10nm 5.1mb
WRA 64.60 193 P 48 40.20 0.8
0.7s 6.30nm 4.7mb
ORV 64.81 59 ePc 48 40.25 -0.5
2.0s 70.00nm 5.3mb
Z 21s 0.10um 4.0Msz
ipPc 49 10.36 123kmX
eS 57 16.36
isS 57 53.36
i 58 58.36
eLQ 05 22.36
eLR 08 07.36
KAT 64.82 301 iPd 48 41.50 0.8
OBN 65.23 324 iPd 48 42.00 -1.1
1.4s 148.00nm 5.8mb
Z 14s 0.60um 4.9MszX
E 14s 0.60um
e 49 13.00 127kmX
e 58 28.00
POO 65.50 273 eP 48 44.00 -1.4
GBA 66.14 266 Pd 48 48.50 -0.9
0.6s 999.90nm 7.0mb X
LRM 66.23 49 eP 48 50.30 0.3
CMB 66.43 59 eP 48 50.98 -0.2
1.3s 26.58nm 5.0mb

CMB 66.43 59 ePd 48 34.31 -16.8X
1.5s 50.00nm
Z 22s 0.20um 4.3Msz
epPc 49 03.31 117kmX
eS 57 36.31
esS 58 14.31
eLQ 05 29.31
eLR 08 52.31
KVN 67.21 57 eP 48 56.63 0.4
BAK 67.95 305 iPd 49 02.00 1.4
iS 57 56.00
PTI 68.15 51 eP 49 02.73 0.6
ASPA 68.32 193 iPd 49 04.60 1.6
0.7s 10.50nm 4.9mb
TNP 68.35 58 eP 49 03.56 0.1
1.0s 15.70nm 4.9mb
HVU 68.63 52 eP 49 05.15 0.1
epP 49 23.41 68km
FRB 69.04 16 eP 49 06.00 -0.9
0.6s 7.00nm 4.8mb
PYA 69.46 312 iP 49 09.00 -0.9
1.0s 100.00nm 5.7mb
Z 20s 1.00um 5.1Msz
i 49 33.00 93kmX
NB2 69.50 339 P 49 07.50 -2.4
0.4s 10.80nm 5.1mb
DUG 69.63 54 eP 49 11.57 0.4
1.0s 14.48nm 4.9mb
epP 49 29.83 68km
TPNV 69.67 58 eP 49 11.49 0.0
KIV 69.71 312 iPd 49 11.80 0.3
0.7s 299.00nm 6.3mb
Z 23s 0.70um 4.8MszX
e 51 54.90
iS 58 13.80
BW06 69.78 50 iPc 49 12.08 -0.1
0.8s 14.00nm 4.9mb
epP 49 29.51 64km
MNK 69.81 327 eP 49 08.00 -3.7X
MTA 70.04 309 iPd- 49 14.20 0.8
0.8s 330.00nm 6.3mb
e 58 19.00
GSC 70.38 60 eP 49 16.12 0.4
DAU 70.39 53 eP 49 16.37 0.4
CSP 70.68 61 eP 49 17.51 -0.1
ARUT 70.83 56 eP 49 18.29 -0.2
EMUT 71.03 53 eP 49 19.91 0.1
PEC 71.07 61 eP 49 19.26 -0.6
1.4s 30.60nm 5.0mb
MSU 71.10 55 eP 49 20.36 0.1
epP 49 38.20 66km
ULM 71.37 37 eP 49 26.50 5.2X
pP 49 44.50 66km
TAB 71.56 305 iP- 49 24.00 1.1
SRU 71.67 53 ePc 49 23.56 0.0
epP 49 41.82 68km
RSSD 71.83 46 ePc 49 23.96 -0.5
0.7s 11.11nm 4.9mb
epP 49 41.66 65km
ANN 71.90 315 iPd 49 24.00 -0.5
0.6s 78.00nm 5.8mb
e 58 38.00
PV09 72.89 53 eP 49 31.15 0.2
PV10 73.02 53 ePc 49 31.78 0.1
epP 49 50.88 71km
PV08 73.11 53 eP 49 32.31 0.0
BSD 73.40 334 iP 49 32.40 -0.7
0.4s 28.00nm 5.5mb
KER 73.56 302 iPd 49 34.40 -0.3
GLD 74.24 50 eP 49 39.31 0.8
1.4s 34.56nm 5.1mb
KIS 74.41 321 iPd- 49 39.00 -0.1
1.0s 500.00nm 6.4mb X
Z 20s 0.60um 4.9Msz
e 59 06.00
UZH 75.98 326 iPd 49 48.00 -0.1
1.5s 65.00nm 5.3mb
Z 14s 1.00um 5.3MszX
E 14s 1.00um
i 50 02.50 51kmX
e 50 16.30
JAQ 75.99 25 eP 49 47.00 -1.1
TUC 76.11 59 eP 49 50.59 1.4
1.4s 15.62nm 4.8mb
CFR 76.11 320 eP 49 49.00 0.1
VRI 76.24 322 eP 49 50.00 0.4
OKC 76.63 329 Pd 49 51.60 -0.1

ALQ 76.89 54 ePc 49 54.46 0.8
1.3s 12.10nm 4.7mb
epP 50 13.69 71km
PSN 77.24 319 iP 49 55.00 -0.2
BRG 77.27 332 iPd 49 56.00 0.8
1.3s 68.00nm 5.5mb
CMP 77.46 322 ePc 49 58.00 1.6
PRU 77.81 331 iPd 49 58.30 0.1
0.9s 74.70nm 5.7mb
WIT 77.87 337 eP 49 59.00 0.5
SRO 78.22 328 iP 50 01.30 0.8
MOX 78.24 333 iPd 50 00.70 0.1
1.6s 131.00nm 5.6mb
Z 20s 0.30um 4.6Msz
eS 59 52.00
GZR 78.35 324 iPc 50 01.50 0.2
ZST 78.37 329 iPd 50 01.80 0.5
HOF 78.44 333 iPd 50 01.70 0.0
1.0s 61.00nm 5.5mb
WTS 78.56 336 iPd 50 01.40 -0.8
0.9s 84.00nm 5.7mb
VKA 78.60 329 iPd 50 03.20 0.6
2.0s 224.00nm 5.8mb
KHC 78.87 331 iPd 50 04.50 0.4
1.3s 12.00nm 4.7mb
e 50 20.50 57km
e 50 40.00
e 51 10.00
JMB 78.93 320 iP 50 04.00 -0.5
GEC2 79.07 331 e(P) 50 05.10 -0.1
0.5s 14.60nm 5.2mb
WET 79.10 331 iPd 50 05.80 0.5
1.0s 122.00nm 5.8mb
GRF 79.19 333 iPd 50 06.40 0.6
1.1s 191.70nm 5.9mb
Z 20s 0.30um 4.6Msz
DIM 79.74 320 iP 50 09.00 0.1
ACO 79.75 48 iPc 50 09.70 0.6
ENN 79.90 336 iPd 50 08.60 -1.0
0.9s 64.90nm 5.6mb
PGB 79.98 321 iP 50 10.00 -0.2
MEM 80.02 336 iPd 50 10.05 -0.1
1.4s 24.80nm 4.9mb
PLD 80.08 320 iP 50 11.00 0.3
KDZ 80.11 320 iP 50 11.00 0.1
BHG 80.31 331 iPd 50 12.60 0.8
1.4s 129.00nm 5.7mb
UCC 80.32 337 P 50 13.00 1.2
VTS 80.38 322 iP 50 12.00 -0.5
ALN 80.40 319 eP 50 12.16 -0.2
RZN 80.40 320 iP 50 13.00 0.3
FUR 80.49 332 iPd 50 13.30 0.5
1.4s 136.00nm 5.7mb
SNF 80.60 337 iPd 50 13.27 0.0
DLF 80.61 344 iPc 50 13.60 0.4
0.8s 166.00nm 6.0mb
KBA 80.69 330 iPd 50 14.40 0.3
0.7s 41.00nm 5.5mb
i 50 35.40 78kmX
DCN 80.71 345 iPc 50 14.30 0.5
PTJ 80.71 328 eP 50 10.10 -4.0X
ZAG 80.75 328 eP 50 11.00 -3.1X
WLF 80.82 336 iPc 50 14.90 0.5
DOU 80.89 337 P 50 15.00 0.2
LANF 80.92 334 P 50 15.21 0.2
MMB 80.94 321 iP 50 15.00 -0.3
KKB 81.01 321 iP 50 16.00 0.4
WATA 81.10 331 iPd 50 16.40 0.2
iPgd 50 46.80
i(Sg) 51 03.10
LJU 81.13 329 eP 50 15.50 -0.7
epP 50 32.30 60km
e 50 48.50
WTTA 81.14 331 iPd 50 16.80 0.4
0.5s 36.90nm 5.6mb
iPgc 50 45.50
iSg 51 01.00
MOTA 81.25 332 iPd 50 17.20 0.2
iPgc 50 51.00
i(Sg) 51 10.20
SQTA 81.32 331 iPd 50 17.60 0.3
0.8s 32.10nm 5.3mb
iPgd 50 48.10
iSg 51 04.60
SRS 81.37 320 eP 50 16.40 -1.1
VOY 81.38 329 eP 50 16.70 -0.9
WMOK 81.40 50 eP 50 17.61 -0.2

25d 08h

0.9s 14.80nm 4.9mb
epP 50 35.52 65km
PLE 81.44 324 iPd 50 18.56 0.6
ECB 81.54 344 eP 50 18.80 0.7
WLS 81.56 334 P 50 18.24 -0.2
CDF 81.58 334 iPd 50 18.60 0.0
0.8s 28.75nm 5.3mb
IVA 81.60 324 iPd 50 19.16 0.4
ECP 81.63 344 iPc 50 19.50 0.9
0.5s 85.00nm 6.0mb
KNT 81.66 321 eP 50 18.60 -0.4
SKO 81.66 322 iPd 50 19.70 0.7
0.9s 100.00nm 5.8mb
VAY 81.68 321 iP 50 19.40 0.3
1.3s 150.00nm 5.8mb
OGA 81.69 331 iPd 50 20.00 0.7
TRI 81.70 329 eP 50 18.30 -0.8
ePg 50 45.00
eSg 51 00.00
LIBD 81.71 334 P 50 19.24 0.1
SOH 81.72 320 eP 50 18.68 -0.7
SLE 81.76 333 iPd 50 19.20 -0.3
ECH 81.79 334 P 50 19.41 -0.2
PVY 81.80 324 iPd 50 19.94 0.1
FEL 81.82 334 P 50 19.74 -0.1
NKY 82.03 324 iPd 50 20.56 -0.5
GRG 82.05 321 eP 50 20.64 -0.4
ZLA 82.05 333 iPd 50 21.00 0.0
MOF 82.12 334 P 50 21.21 -0.2
TUL 82.13 47 iPd 50 22.60 1.1
OSS 82.15 332 P 50 22.47 0.8
BRY 82.15 325 iPd 50 21.01 -0.7
HAU 82.23 335 iPd 50 21.80 -0.1
0.8s 18.55nm 5.1mb
Z 22s 0.30um 4.6Msz
TTG 82.24 324 iPd 50 21.79 -0.1
BSF 82.25 334 iPd 50 21.80 -0.3
0.7s 13.45nm 5.0mb
PAIG 82.28 320 eP 50 20.04 -2.2
PHP 82.33 323 iPd 50 22.10 -0.4
BBS 82.35 334 P 50 22.54 0.0
LLS 82.38 333 eP 50 23.00 0.1
SDA 82.44 324 iPd 50 24.70 1.7
LTX 82.54 56 eP 50 24.17 0.3
BDV 82.54 324 iPd 50 22.96 -0.6
HCY 82.55 324 iPd 50 22.79 -0.8
APL 82.56 333 eP 50 23.70 0.0
ULC 82.62 324 iPd 50 23.63 -0.4
OHR 82.64 322 iP 50 24.50 0.3
0.7s 70.00nm 5.7mb
FNA 82.65 322 eP 50 22.60 -1.6
LOMF 82.66 334 P 50 24.18 0.0
LIT 82.69 321 eP 50 22.12 -2.3
LACI 82.69 323 eP 50 24.40 0.1
KBN 83.04 322 eP 50 25.50 -0.8
GAC 83.09 29 eP 50 26.00 -0.3
TMA 83.09 332 iPd 50 26.30 -0.3
FVM 83.25 42 eP 50 27.59 0.3
0.5s 21.28nm 5.4mb
epP 50 44.87 62km
MMK 83.44 333 iPd 50 29.00 0.6
FLN 83.48 339 iPd 50 28.50 0.2
0.6s 31.40nm 5.5mb
Z 23s 0.28um 4.6MszX
LDF 83.55 339 iPd 50 28.80 0.2
0.6s 23.10nm 5.4mb
DIX 83.60 333 eP 50 29.70 0.4
AGG 83.63 320 eP 50 26.28 -3.0
LOR 83.64 336 iPd 50 29.20 0.0
0.8s 26.45nm 5.3mb
Z 23s 0.35um 4.7MszX
LBF 83.87 336 iPd 50 30.30 0.0
0.7s 18.30nm 5.2mb
ARV 83.89 328 P 50 30.73 0.3
GRR 83.92 339 iPd 50 31.10 0.6
0.7s 36.70nm 5.5mb
SFI 83.93 329 P 50 31.89 1.3
SSF 83.94 336 iPd 50 30.70 0.1
0.7s 16.75nm 5.2mb
PGD 84.02 329 P 50 32.43 1.1
BOB 84.06 331 P 50 31.73 0.3
IGT 84.13 322 eP 50 29.88 -1.8
RSL 84.20 333 P 50 32.36 0.2
SMF 84.21 336 iPd 50 32.40 0.4
0.7s 39.45nm 5.6mb
AVF 84.23 336 iPd 50 32.50 0.4
0.8s 42.60nm 5.5mb

LSD 84.23 333 P 50 33.12 0.7
LPF 84.30 339 iPd 50 33.10 0.7
1.1s 108.90nm 5.8mb
LPL 84.32 333 iPd 50 33.50 0.6
0.7s 20.85nm 5.3mb
LPG 84.33 333 iPd 50 33.60 0.6
0.6s 20.00nm 5.3mb
MIAR 84.34 46 eP 50 33.43 0.6
1.2s 21.35nm 5.1mb
epP 50 50.91 62km
ASS 84.36 328 P 50 33.29 0.4
BRT 84.39 324 P 50 32.93 -0.1
RSP 84.47 333 P 50 34.40 0.9
LCI 84.52 324 P 50 33.36 -0.2
PCP 84.57 332 P 50 33.58 -0.3
BGF 84.58 336 eP 50 34.70 0.8
0.8s 21.35nm 5.2mb
AQU 84.69 328 P 50 35.27 0.8
BHB 84.74 333 P 50 33.35 -1.4
BNI 84.75 333 P 50 35.90 1.0
YSNY 84.75 32 (P) 50 34.18 -0.7
1.2s 22.44nm 5.1mb
CKI 84.77 332 P 50 34.54 -0.3
RRL 84.83 333 P 50 35.91 0.5
DUI 84.86 326 P 50 35.75 0.3
GRN 84.88 334 P 50 36.55 1.1
MNS 84.94 328 P 50 35.22 -0.5
MAF 84.97 336 iPd 50 36.90 1.1
1.0s 68.40nm 5.7mb
FIN 84.98 332 P 50 34.54 -1.4
TCF 85.01 336 iPd 50 36.80 0.7
0.7s 14.75nm 5.2mb
ROB 85.02 332 P 50 35.55 -0.6
PZZ 85.09 333 P 50 35.32 -1.3
SURF 85.21 333 P 50 37.63 0.3
SSB 85.23 335 P 50 37.66 0.5
ENR 85.23 332 P 50 35.64 -1.6
LSF 85.24 337 iPd 50 37.90 0.7
1.1s 82.05nm 5.7mb
IMI 85.35 332 P 50 37.74 -0.1
RFI 85.35 327 P 50 38.81 1.1
ORI 85.38 324 P 50 36.33 -1.7
MFF 85.38 338 iPd 50 38.70 0.8
0.5s 19.00nm 5.4mb
SAOF 85.40 332 P 50 37.66 -0.4
AUTN 85.43 332 P 50 38.98 0.5
SGO 85.44 325 P 50 37.99 -0.2
SBF 85.55 332 iPd 50 38.60 -0.2
0.8s 29.55nm 5.4mb
AURF 85.56 332 P 50 38.31 -0.6
LBNH 85.58 27 eP 50 39.77 0.9
0.6s 2.99nm 4.6mb
MVIF 85.61 332 P 50 39.13 -0.1
MGR 85.70 325 P 50 38.66 -0.9
CALN 85.83 332 P 50 39.80 -0.5
FRF 86.08 332 iPd 50 41.50 0.1
0.7s 13.55nm 5.2mb
RJF 86.11 337 iPd 50 42.20 0.7
0.9s 28.35nm 5.4mb
Z 23s 0.20um 4.5MszX
PGF 86.16 330 iPd 50 41.80 -0.1
0.8s 14.65nm 5.1mb
LMN 86.24 22 eP 50 43.00 0.8
0.5s 3.00nm 4.7mb
pP 51 02.50 71km
LRG 86.27 333 eP 50 42.60 0.3
0.6s 17.30nm 5.4mb
Z 22s 0.43um 4.8Msz
CAF 86.30 336 iPd 50 43.70 1.2
1.0s 51.60nm 5.6mb
LMR 86.33 332 iPd 50 42.80 0.2
1.0s 56.60nm 5.6mb
GRI 86.44 324 P 50 43.54 0.3
MCWV 86.63 34 eP 50 44.36 0.2
0.7s 11.33nm 5.1mb
LFF 86.67 337 eP 50 45.40 1.2
0.6s 33.10nm 5.7mb
LPO 86.77 336 eP 50 45.90 1.1
0.6s 19.55nm 5.4mb
SOI 87.22 323 P 50 46.56 -0.4
EPF 88.53 336 eP 50 54.00 0.7
0.7s 6.70nm 5.0mb
PZI 88.58 324 P 50 53.43 -0.2
BTH 88.60 337 e(P) 50 55.00 1.4
TIC 123.79 326 PKP 56 58.40 -0.6
LPAZ 139.37 59 PKP 57 24.20 -5.1X
LR 45 22.00

LPB 139.58 59 PKP 57 31.00 1.6
PP 00 56.00
ITR 144.67 10 ePKP 57 36.40 -1.4
i 57 36.70
SOB1 144.74 14 ePKP 57 37.10 -0.9
BAO 149.01 29 ePKP 57 49.80 4.8X
S.D. = 0.9 on 284 of 299 obs.

% JUN 25, 1994 09h 02m 00.00± 0.60s
26.859 S ± 5.6km 26.774 E ± 5.6km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.7 (PRE).

BFS 0.04 166 iPc 02 01.60 0.2
S 02 02.10
PRY 0.63 96 eP 02 13.00 0.4
S 02 19.30
KSR 1.00 6 eP 02 19.50 0.0
S 02 33.50
SWZ 1.33 256 eP 02 24.90 -0.3
S 02 45.20
SEK 1.64 153 iPc 02 29.60 -0.2
S 02 50.10
SLR 1.76 51 iPc 02 31.50 0.1
S 02 53.00
BOSA 2.12 214 eP 02 38.00 1.4
S 03 03.80
BLF 2.30 193 eP 02 39.50 0.2
S 03 07.50
NWL 2.96 108 eP 02 48.00 -0.6
S 03 22.70
FRS 3.15 204 eP 02 49.90 -1.3
S 03 26.00
S.D. = 0.8 on 10 of 10 obs.

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* JUN 25, 1994 09h 03m 51.08± 2.31s
32.280 S ±14.9km 70.006 W ±14.4km
DEPTH = 122.4 ± 26.7 km
CHILE-ARGENTINA BORDER REGION (127)
MD 3.7 (SAN).

JACH 0.64 231 iPd 04 10.73 0.1
iS 04 25.41
PEL 1.03 213 iP 04 13.95 -0.1
iS 04 30.52
FCH 1.07 193 iP+ 04 14.56 -0.1
iS 04 31.68
ROCH 1.09 231 iP 04 14.71 -0.1
iS 04 32.23
ZON 1.35 57 eP 04 17.30 0.0
eS 04 36.30
PCH 1.40 198 iP+ 04 17.98 0.0
iS 04 38.62
TACH 1.58 210 iP 04 19.85 -0.1
iS 04 41.55
CHCH 1.74 198 iPd 04 21.96 0.1
iS 04 44.89
LCCH 1.78 227 iP 04 22.72 0.4
iS 04 44.80
CACH 1.90 195 iP 04 24.42 0.4
iS 04 49.47
LNV 2.05 215 iP 04 25.07 -0.6
S.D. = 0.3 on 11 of 11 obs.

& JUN 25, 1994 09h 07m 30.99s
62.542 N 151.065 W
DEPTH = 91.7km
CENTRAL ALASKA (1)
<AEIC>.

CUT 0.39 110 eP 07 45.19 -0.1
SKT 0.60 201 eP 07 46.85 -0.2
eS 07 59.06
HUR 0.79 56 eP 07 48.49 -0.3
eS 08 01.40
TRF 0.98 21 iP 07 50.77 -0.3
eS 08 05.61
KTH 1.02 4 eP 07 51.01 -0.4
eS 08 05.14
PWA 1.05 148 P 07 51.90 0.2
S 08 08.10
SUA 1.09 172 eP 07 52.47 0.2
eS 08 08.71
GHO 1.27 127 eP 07 54.06 -0.3
PLRM 1.32 135 eP 07 54.35 -0.5
eS 08 14.65

PMR 1.32 135 iPd 07 54.94 0.1
eS 08 14.12
RND 1.33 48 eP 07 54.76 -0.4
CRP 1.38 202 eP 07 56.02 0.2
CP2 1.40 204 iP 07 55.82 -0.3
eS 08 14.97
CKN 1.42 202 eP 07 56.77 0.5
BGL 1.43 207 eP 07 56.95 0.5
SPU 1.44 199 eP 07 56.44 -0.1
CKT 1.45 202 eP 07 56.86 0.2
SML 1.48 119 eP 07 57.13 0.1
PMS 1.48 151 P 07 57.20 0.1
S 08 16.20
MCK 1.54 38 eP 07 57.29 -0.4
BKG 1.58 202 eP 07 58.20 -0.2
KNK 1.67 131 eP 07 59.46 0.0
DHY 1.78 71 eP 08 00.76 -0.2
eS 08 22.63
BWN 1.79 23 eP 08 00.75 -0.2
NKA 1.81 183 eP 08 03.12 1.9
SCM 1.89 110 eP 08 01.95 -0.5
PTE 1.94 149 eP 08 02.72 -0.3
RDT 2.08 199 eP 08 05.22 0.3
SLKM 2.08 168 eP 08 05.99 1.1
DFR 2.11 202 eP 08 04.73 -0.6
REF 2.20 202 eP 08 07.21 0.5
MPA 2.22 158 eP 08 06.31 -0.3
NEA 2.23 23 eP 08 05.70 -1.1
TTA 2.31 282 iPc 08 07.02 -1.0
TOA 2.33 99 P 08 08.00 -0.2
WRH 2.35 33 eP 08 07.55 -1.0
MLY 2.50 3 eP 08 09.90 -0.7
NNL 2.51 183 eP 08 13.02 2.3
SDG 2.56 88 eP 08 11.43 0.1
CCB 2.57 33 eP 08 10.33 -1.1
SEW 2.57 162 eP 08 11.44 0.0
SVW 2.60 238 iPc 08 11.38 -0.5
PAX 2.61 78 eP 08 12.34 0.2
HDA 2.63 43 eP 08 11.45 -0.8
KLU 2.64 111 eP 08 11.40 -1.2
VLZ 2.65 120 eP 08 11.02 -1.6
eS 08 43.24
INE 2.67 202 eP 08 13.44 0.4
TZL 2.68 98 eP 08 12.81 -0.2
MDM 2.73 26 eP 08 12.92 -0.8
FBA 2.78 30 iPd 08 13.08 -1.2
eS 08 43.84
IL1 2.91 38 eP 08 15.08 -1.1
eS 08 48.18
ILB 2.91 38 eP 08 15.12 -1.0
eS 08 46.77
GLM 2.95 32 eP 08 15.64 -1.1
CNPM 3.03 182 eP 08 18.60 0.8
HIN 3.07 132 eP 08 17.05 -1.3
CVA 3.24 126 eP 08 19.66 -0.9
DOT 3.37 68 eP 08 23.39 0.9
AUP 3.39 201 eP 08 25.22 2.4
GLB 3.60 105 eP 08 24.29 -1.3
IM3 3.65 342 eP 08 25.50 -0.8
IMA 3.72 343 iPd 08 26.01 -1.4
MCNL 3.73 207 eP 08 28.08 0.7
TMW 3.77 74 eP 08 27.26 -0.7
BALM 4.41 106 eP 08 35.03 -1.9
BM3 5.61 26 eP 08 51.69 -1.8
65 obs. associated

? JUN 25, 1994 09h 20m 22.88± 1.23s
38.914 N ± 8.5km 26.963 E ±16.5km
DEPTH = 5.0km (geophysicist)
AEGEAN SEA (365)
ML 2.9 (ISK).

IZM 0.57 155 ePg 20 34.20 0.0
iSg 20 42.20
EZN 1.04 332 iPn 20 43.00 0.1
EDC 1.59 26 ePn 20 51.00 -0.7
KCT 1.71 38 ePn 20 54.20 0.7
S.D. = 1.0 on 4 of 4 obs.

& JUN 25, 1994 09h 27m 53.72s
46.867 N 119.310 W
DEPTH = 0.1km
WASHINGTON (29)
<SEA-P>. MD 3.0 (SEA).

CRF 0.07 232 P 27 54.64 -0.4
WRD 0.15 48 P 27 57.32 0.5
OT2 0.15 160 Pd 27 57.02 0.2
WAH2 0.21 238 P 27 57.72 -0.1
GBL 0.29 201 P 27 59.54 0.1
BVW 0.40 262 P 28 01.91 0.3
MDW 0.40 231 Pc 28 01.90 0.2
WIW 0.44 178 P 28 02.95 0.5
RSW 0.51 202 P 28 04.44 0.5
BRVW 0.60 231 P 28 06.13 0.3
S 28 16.64
OD2 0.67 38 P 28 06.71 -0.3
S 28 16.40
MXC 0.74 247 P 28 08.68 0.3
SAW 0.84 356 P 28 09.61 -0.8
EBG 0.86 273 P 28 11.18 0.2
TBM 0.93 289 P 28 12.42 0.1
WTV 0.94 332 P 28 11.69 -0.8
ETW 1.01 317 Pd 28 12.64 -1.3
S 28 28.89
NAC 1.05 263 P 28 14.31 -0.2
TWW 1.10 285 P 28 15.18 -0.2
DHW2 1.16 345 P 28 15.60 -0.8
DPW 1.25 36 eP 28 17.22 -0.8
JBO 1.45 195 P 28 20.62 -0.7
WPW 1.55 265 P 28 21.80 -0.9
FMW 1.62 273 P 28 22.85 -1.0
S 28 45.52
RCS 1.66 271 P 28 23.85 -0.7
VGB 1.69 218 eP 28 23.44 -1.3
LON 1.72 267 eP 28 24.20 -1.0
REMR 1.74 269 P 28 25.01 -0.5
RMW 1.80 290 eP 28 25.45 -0.9
NEW 2.04 46 eP 28 30.40 0.7
eS 28 58.21
SHW 2.13 253 eP 28 29.73 -1.4
GMW 2.47 287 eP 28 35.22 -0.7
MCW 2.99 309 eP 28 43.90 0.6
33 obs. associated

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* JUN 25, 1994 09h 29m 14.64± 0.99s
46.840 N ±13.1km 119.320 W ±10.4km
DEPTH = 5.0km (geophysicist)
WASHINGTON (29)
ML 2.6 (GS).

DPW 1.28 36 eP 29 38.39 -0.5
VGB 1.67 218 eP 29 44.60 -0.1
eS 30 08.83
LON 1.71 268 eP 29 45.23 -0.1
RMW 1.81 291 eP 29 46.93 0.2
NEW 2.06 45 (P) 29 50.90 0.5
S.D. = 0.5 on 5 of 5 obs.

JUN 25, 1994 10h 44m 16.74± 0.31s
39.386 N ± 6.3km 72.707 E ± 5.0km
DEPTH = 33.0km (normal)
4.7mb (42 obs.)
KYRGYZSTAN (716)

MAIO 10.89 258 eP 46 51.00 -2.5
0.8s 9.88nm 5.1mb
eS 48 51.00
NDI 11.31 159 eP 46 58.00 -1.1
ASH 11.32 267 eP 46 57.00 -2.2
BRVK 13.78 354 eP 47 27.00 -4.8X
1.2s 28.00nm 4.9mb
Z 12s 0.41um 4.0Msz
N 12s 0.55um
E 12s 0.11um
SVE 19.16 339 eP 48 38.00 -1.9
Z 11s 0.50um
N 11s 0.30um
E 11s 0.15um
HYB 22.47 165 eP 49 17.00 2.4
KIV 22.82 291 eP 49 21.40 3.6X
0.7s 4.00nm 4.0mb
ZAK 24.13 53 eP 49 30.80 0.5
1.0s 19.00nm 4.6mb
GBA 26.02 169 P 49 48.00 -0.5
OBN 28.71 315 (P) 50 15.00 2.3
e 51 04.00
MLR 34.65 296 eP 51 09.00 3.9X
KAF 36.00 325 eP 51 16.20 0.1
NUR 36.34 322 eP 51 19.20 0.2
VAY 37.83 289 eP 51 33.40 1.6
SSE 40.05 87 P 51 51.00 0.6
PRU 41.71 304 P 52 04.90 1.1
BRG 41.96 306 iP 52 08.00 2.1
LJU 42.43 299 eP 52 11.50 1.7
GEC2 42.43 303 P 52 11.20 1.3
0.5s 3.65nm 4.4mb
e 52 13.90
KHC 42.46 303 eP 52 11.50 1.4
CLL 42.49 307 iP 52 10.80 0.6
1.5s 16.00nm 4.5mb
VOY 42.86 299 eP 52 14.50 1.0
NB2 42.94 321 P 52 12.10 -1.7
0.7s 5.20nm 4.4mb
OSS 45.23 301 P 52 33.40 0.7
LLS 45.95 301 P 52 39.15 0.8
CDF 46.69 304 eP 52 44.10 0.1
0.8s 5.25nm 4.6mb
BSF 47.15 303 eP 52 47.70 0.0
0.8s 7.40nm 4.7mb
PGF 47.20 295 eP 52 48.40 0.2
0.8s 8.20nm 4.8mb
HAU 47.39 303 eP 52 49.50 0.0
0.6s 4.70nm 4.7mb
LPG 47.83 300 eP 52 53.40 0.1
0.7s 9.70nm 4.9mb
LPL 47.84 300 eP 52 53.40 0.1
0.5s 10.80nm 5.1mb
SBF 47.86 298 eP 52 53.80 0.5
1.1s 40.55nm 5.4mb
FRF 48.50 297 eP 52 58.40 0.2
0.9s 13.25nm 5.0mb
LRG 48.73 297 eP 53 00.20 0.3
LOR 49.21 303 eP 53 02.90 -0.7
0.7s 3.75nm 4.5mb
LBF 49.22 303 eP 53 03.10 -0.6
0.4s 1.55nm 4.4mb
SMF 49.41 302 eP 53 04.80 -0.4
0.5s 5.70nm 4.9mb
SSF 49.51 303 eP 53 05.40 -0.5
0.7s 4.30nm 4.6mb
AVF 49.69 303 eP 53 07.10 -0.2
0.6s 9.20nm 5.0mb
BGF 50.09 302 eP 53 10.10 -0.3
MAF 50.39 302 eP 53 12.80 0.2
0.6s 8.75nm 4.9mb
TCF 50.60 302 eP 53 14.30 0.1
0.6s 4.50nm 4.6mb
MAT 50.70 71 eP 53 14.00 -1.1
LSF 51.06 302 eP 53 17.30 -0.4
0.5s 3.50nm 4.6mb
CAF 51.15 301 eP 53 18.80 0.3
0.9s 7.35nm 4.6mb
LDF 51.35 306 eP 53 19.30 -0.6
0.5s 4.50nm 4.7mb
RJF 51.38 301 eP 53 20.60 0.4
1.0s 12.20nm 4.8mb
FLN 51.53 306 eP 53 20.30 -0.9
LPO 51.82 301 eP 53 23.50 0.0
0.7s 4.30nm 4.5mb
GRR 51.88 306 eP 53 23.20 -0.7
LFF 52.03 301 eP 53 25.20 0.1
0.6s 12.45nm 5.0mb
MFF 52.03 303 eP 53 24.60 -0.4
0.7s 4.30nm 4.5mb
LPF 52.12 305 eP 53 24.70 -1.0
0.6s 3.05nm 4.4mb
EPF 53.00 299 eP 53 31.90 -0.5
0.6s 3.70nm 4.5mb
ILT 60.56 24 eP 54 25.00 -0.8
MBC 64.39 3 eP 54 51.00 -0.1
0.6s 7.00nm 4.9mb
RES 65.91 356 eP 55 00.50 -0.4
ANM 66.85 23 eP 55 18.20 11.1X
IMA 68.97 18 eP 55 18.59 -1.8
0.8s 4.58nm 4.6mb
INK 70.84 10 eP 55 32.00 0.4
1.0s 3.00nm 4.3mb
FBA 71.32 17 eP 55 33.74 -0.9
0.7s 1.61nm 4.2mb
PMR 73.80 19 eP 55 48.60 -0.6
0.7s 4.00nm 4.5mb
TOA 74.10 18 eP 55 51.20 0.2
0.8s 26.10nm 5.3mb
YKA 78.30 3 eP 56 14.50 0.0
1.1s 6.50nm 4.6mb
Z 19s 0.05um 3.9MszX
LR 36 24.00
WRA 82.41 123 P 56 37.20 0.2
0.7s 1.90nm 4.3mb
WB2 82.42 123 iPd 56 37.00 -0.1

25d 10h

0.4s 7.30nm 5.1mb
JAQ 83.27 342 eP 56 41.00 0.0
NEW 92.30 7 eP 57 24.87 0.2
1.0s 3.65nm 4.8mb
RSSD 96.82 358 eP 57 46.86 1.1
0.8s 3.07nm 4.9mb
S.D. = 1.0 on 65 of 69 obs.

% JUN 25, 1994 11h 19m 23.91± 0.79s
26.307 S ± 6.5km 27.622 E ± 8.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.4 (PRE).

PRY 0.63 192 eP 19 35.90 -0.7
S 19 43.30
KSR 0.79 304 eP 19 39.30 -0.5
S 19 48.00
SLR 0.82 46 eP 19 40.50 0.1
SEK 2.01 180 iPd 19 59.20 0.2
S 20 24.20
SWZ 2.23 247 eP 20 02.90 0.7
S 20 29.20
BOSA 3.02 220 eP 20 13.50 0.3
S 20 50.10
S.D. = 0.7 on 6 of 6 obs.

% JUN 25, 1994 11h 24m 32.75± 0.86s
39.257 N ± 6.6km 29.103 E ±12.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

KHL 0.99 160 ePn 24 51.50 -0.1
IZI 1.12 15 iPn 24 53.60 -0.1
KCT 1.15 330 iPn 24 54.20 0.0
YLV 1.32 9 ePn 24 56.70 -0.5
EDC 1.45 319 ePn 24 59.00 0.0
HRT 1.62 15 ePn 25 02.20 0.7
S.D. = 0.5 on 6 of 6 obs.

& JUN 25, 1994 12h 15m 13.62s
58.975 N 152.469 W
DEPTH = 66.4km
5.2mb (79 obs.)
KODIAK ISLAND REGION (13)
<AEIC>. ML 5.2 (AEIC), 5.5
(PMR). Felt (II) at Anchorage.
Also felt at Homer, Kodiak and
Seldovia.

SYI 0.37 174 iPc 15 24.34 -0.7
AUE 0.60 310 iPc 15 26.89 -0.5
CDD 0.61 266 eP 15 26.71 -0.8
AUI 0.61 307 iPc 15 26.73 -0.7
XLV 0.62 38 iPd 15 26.66 -0.9
AUP 0.63 309 iP 15 26.85 -0.9
AGU 0.63 308 iPc 15 27.13 -0.7
AUH 0.64 308 iPc 15 27.13 -0.7
AUL 0.64 310 ePc 15 27.19 -0.6
OPT 0.78 330 iPc 15 28.72 -0.8
HOM 0.81 31 iPd 15 29.23 -0.5
CNPM 0.84 48 iPd 15 29.49 -0.7
eS 15 41.60
MCNL 0.99 283 iPc 15 30.94 -1.1
INE 1.13 345 iPc 15 32.88 -1.2
BRLK 1.13 45 iP 15 33.07 -0.9
PDB 1.20 313 iPc 15 33.63 -1.2
NNL 1.23 29 ePd 15 35.13 0.0
KDC 1.23 181 iPd 15 34.51 -0.7
RED 1.46 354 ePd 15 37.37 -1.0
BGM 1.48 288 iPc 15 37.35 -1.3
RSO 1.50 355 iPd 15 38.20 -0.9
REF 1.52 356 iPd 15 38.54 -0.9
RDN 1.55 355 eP 15 39.29 -0.4
S 15 57.64
RDT 1.60 1 iPd 15 39.46 -0.9
eS 15 59.38
DFR 1.63 356 ePd 15 39.91 -0.8
NKA 1.88 19 iPd 15 44.87 0.8
SEW 1.91 52 iPd 15 42.69 -1.8
SLKM 1.91 36 iPd 15 42.96 -1.7
BKG 2.10 3 iPd 15 45.63 -0.7
MPA 2.19 45 iPd 15 46.64 -1.7
SPU 2.22 5 iPd 15 48.22 -0.7
eS 16 14.98
CKL 2.23 2 ePd 15 48.58 -0.5
CKT 2.24 3 iPd 15 48.48 -0.7
CKN 2.26 4 eP 15 49.15 -0.3
BGL 2.30 1 iPd 15 49.47 -0.5
CP2 2.30 3 iPd 15 49.45 -0.7
CRP 2.31 4 iPd 15 49.87 -0.3
PTE 2.57 41 iPd 15 51.86 -1.8
SUA 2.64 18 iPd 15 53.85 -1.0
SVW 2.66 325 iPc 15 52.97 -2.1
PMS 2.70 31 P 15 54.30 -1.3
PWA 2.98 25 P 15 58.00 -1.4
SKT 3.05 8 eP 15 59.28 -1.2
eS 16 34.15
PLRM 3.11 31 iPd 15 59.26 -2.0
PMR 3.11 31 iPd 15 59.06 -2.2
KNK 3.16 38 iPd 15 59.94 -2.1
eS 16 34.19
MID 3.19 79 P 16 00.40 -1.9
S 16 37.20
GHO 3.31 31 eP 16 02.16 -2.1
HIN 3.34 62 eP 16 02.41 -2.2
SML 3.51 34 iPd 16 04.78 -2.1
CUT 3.61 17 ePd 16 06.40 -1.8
CVA 3.75 62 eP 16 07.58 -2.6
VLZ 3.76 52 iPd 16 07.79 -2.6
eS 16 49.71
SCM 3.84 39 ePd 16 09.40 -2.2
KLU 4.13 49 iPd 16 13.23 -2.5
HUR 4.25 18 ePd 16 16.11 -1.2
TTA 4.33 338 eP 16 16.09 -2.4
TOA 4.42 42 P 16 17.50 -2.3
TRF 4.61 12 eP 16 19.72 -2.9
TZL 4.65 46 eP 16 20.58 -2.3
KTH 4.65 9 eP 16 20.87 -2.2
RND 4.78 20 eP 16 22.19 -2.6
DHY 4.80 29 ePd 16 22.74 -2.5
SDG 4.92 41 eP 16 23.77 -3.0
GLB 4.98 57 iPd 16 24.51 -3.1
MCK 5.07 18 eP 16 26.40 -2.4
eS 17 23.36
PAX 5.26 37 ePd 16 28.80 -2.8
eS 17 25.96
BWN 5.41 14 eP 16 30.75 -2.8
BALM 5.48 64 eP 16 31.44 -3.3
THY 5.51 33 eP 16 32.70 -2.4
SDN 5.69 234 eP 16 34.89 -2.5
DDM 5.78 31 eP 16 37.22 -1.5
NEA 5.85 15 eP 16 36.14 -3.5
CHX 5.88 74 eP 16 38.37 -1.9
WRH 5.89 19 eP 16 36.76 -3.6
DJE 6.02 30 eP 16 38.98 -3.1
HDA 6.05 23 eP 16 39.30 -3.2
CCB 6.10 19 ePd 16 39.59 -3.6
MLY 6.13 7 eP 16 40.59 -3.1
DOT 6.19 37 eP 16 41.21 -3.3
TMW 6.33 42 eP 16 43.65 -2.7
MDM 6.33 17 eP 16 42.89 -3.5
FBA 6.34 18 iPd 16 42.66 -3.9
IL1 6.39 22 ePd 16 43.54 -3.6
ILB 6.39 22 ePd 16 43.54 -3.6
eS 17 18.45
GLM 6.49 19 eP 16 44.92 -3.7
YKU 6.56 79 P 16 47.40 -2.1
BCA3 6.61 47 ePd 16 47.38 -3.0
IM3 7.06 356 eP 16 53.11 -3.4
IMA 7.14 356 eP 16 53.95 -3.8
ANM 8.29 318 iPn 17 10.85 -2.6
FYU 8.30 20 eP 17 09.23 -4.4
BM3 9.18 19 eP 17 20.21 -5.5
SIT 9.30 95 eP 17 21.61 -5.6
eSg 19 00.42
BRW 12.51 354 ePn 18 04.60 -5.7
INK 12.52 34 eP 18 07.00 -3.5
0.9s 69.00nm 5.5mb X
ILT 14.62 319 iPd 18 36.40 -1.5
1.0s 10.00nm 4.1mb X
ADK 15.41 253 eP 18 47.17 -0.9
0.3s 35.35nm 5.0mb
YKA 18.65 63 eP 19 26.20 -2.1
0.8s 51.10nm 4.8mb
Z 20s 0.73um 5.3MszX
LR 29 16.00
MCW 20.13 108 iPc 19 44.81 0.4
MBC 20.87 22 eP 19 48.50 -3.2
0.7s 75.00nm 5.1mb
GMW 20.92 110 iPc 19 53.40 0.9
RMW 21.46 109 iPc 19 59.17 1.2
BMW 21.47 113 iPc 19 59.31 1.2
LON 21.96 110 iPc 20 04.22 1.3
SHW 22.15 112 iPc 20 06.50 1.6
DPW 22.98 104 ePc 20 14.52 1.7
NEW 23.26 102 iPd 20 17.20 1.6
1.1s 38.02nm 4.7mb
VGB 23.34 111 eP 20 18.98 2.6
KMPM 25.78 124 eP 20 43.34 3.6
epP 20 56.83 55kmX
LBFM 26.01 119 eP 20 43.51 1.5
epP 20 57.98 60kmX
RES 26.04 31 eP 20 40.00 -1.7
0.9s 17.00nm 4.6mb
WDC 26.34 121 eP 20 44.14 -0.6
1.1s 31.06nm 4.8mb
epP 20 59.19 63kmX
LRM 27.27 101 eP 20 53.70 0.2
PET 27.45 279 eP 20 52.00 -2.7
1.3s 200.00nm 5.6mb
Z 20s 0.40um 4.0Msz
e 21 50.00
ORV 27.64 121 (P) 20 57.55 1.0
epP 21 11.53 57kmX
CMB 29.38 121 eP 21 13.21 0.9
0.9s 8.53nm 4.4mb
epP 21 27.82 59kmX
PTI 29.41 105 eP 21 14.09 1.4
epP 21 29.68 64kmX
ARN 29.45 124 (P) 21 14.12 1.2
epP 21 28.84 60kmX
KVN 29.58 117 (P) 21 16.06 1.7
epP 21 29.87 55kmX
HVU 30.02 107 ePc 21 19.00 0.9
epP 21 34.27 63kmX
BONR 30.38 119 eP 21 22.93 1.5
TNP 30.77 117 (P) 21 25.87 1.1
0.9s 11.57nm 4.6mb
BW06 30.89 102 eP 21 25.48 -0.4
1.0s 7.71nm 4.4mb
pP 21 41.16 65kmX
DUG 31.20 109 eP 21 28.41 -0.1
0.8s 17.60nm 4.9mb
epP 21 44.35 66kmX
DAU 31.80 107 eP 21 34.76 0.8
epP 21 49.77 61kmX
TPNV 32.14 117 ePc 21 37.35 0.6
epP 21 52.72 63kmX
EMUT 32.48 108 eP 21 40.56 0.8
ABL 32.56 123 eP 21 42.47 2.0
RSSD 32.76 95 eP 21 41.99 -0.1
1.2s 52.97nm 5.2mb
epP 21 57.12 61kmX
ePcP 24 24.35
ARUT 32.78 113 eP 21 43.29 1.0
MSU 32.82 111 eP 21 44.06 1.3
ULM 32.97 80 eP 21 47.50 3.9
SRU 33.16 108 eP 21 46.72 1.1
GSC 33.25 120 eP 21 48.92 2.6
SSK 33.77 122 eP 21 50.88 0.0
CSP 33.84 121 eP 21 53.06 1.6
PEC 34.27 121 eP 21 54.46 -0.6
0.9s 18.38nm 5.0mb
epP 22 10.45 65kmX
PV09 34.32 107 eP 21 56.56 0.8
PV10 34.46 107 eP 21 57.90 1.0
PV08 34.50 107 eP 21 57.86 0.5
YAK 36.31 309 iPc 22 08.80 -3.2
0.9s 536.00nm 6.5mb X
E 14s 0.40um
e 23 36.00
ePPP 23 54.00
e 24 32.00
eS 27 42.00
e 32 19.00
FRB 37.76 46 eP 22 23.50 -0.6
1.0s 12.00nm 4.8mb
ALQ 38.44 108 eP 22 31.23 0.8
1.1s 15.56nm 4.8mb
ipP 22 46.73 61kmX
YSS 39.23 282 iPd 22 34.90 -1.7
1.0s 40.00nm 5.3mb
e 28 26.00
JAQ 40.62 62 ePd 22 47.00 -0.9
ACO 40.74 99 iPd 22 57.80 8.6
KUSJ 40.92 276 eP 22 46.60 -3.9
ASAJ 41.26 279 eP 22 51.40 -1.9
HOOJ 42.16 276 eP 22 57.80 -2.9
WMOK 42.45 101 eP 23 03.64 0.4

0.8s 31.69nm 5.2mb
epP 23 18.92 60kmX
MRRJ 43.27 278 eP 23 06.70 -3.0
AOMJ 44.99 277 eP 23 21.70 -1.9
BOD 45.04 311 iPc 23 21.10 -2.7
MIAR 45.27 96 eP 23 25.55 -0.4
0.8s 9.28nm 4.7mb
epP 23 40.89 60kmX
OFUJ 45.42 274 P 23 24.80 -2.2
GAC 46.22 71 eP 23 34.00 0.8
YAMJ 46.94 275 P 23 37.10 -2.0
NIIJ 48.18 275 P 23 46.40 -2.4
BINY 48.52 75 eP 23 51.50 0.2
0.8s 36.98nm 5.4mb
epP 24 06.11 56kmX
CHJJ 49.10 274 P 23 53.80 -2.1
MAT 49.13 275 eP 23 53.00 -3.1
0.9s 52.94nm 5.6mb
eS 30 55.00
MTMJ 49.30 275 P 23 55.40 -2.2
CIT 49.43 306 eP 23 51.20 -7.1
LMN 51.20 64 eP 24 10.50 -1.3
0.9s 6.00nm 4.6mb
WKYJ 52.27 275 P 24 18.00 -2.1
YONJ 52.61 278 P 24 20.00 -2.6
TKSJ 53.25 276 P 24 25.40 -1.8
LVZ 53.33 357 eP 24 24.60 -2.8
SDF 53.91 1 iP 24 28.70 -2.9
SHNJ 54.65 279 P 24 34.80 -2.7
ZAK 54.86 311 iPc 24 36.00 -2.8
e 25 38.00
KUMJ 56.05 278 P 24 44.90 -2.7
KAGJ 57.09 277 P 24 51.90 -3.2
BJI 57.40 294 eP 24 53.50 -3.6
1.0s 17.00nm 5.1mb
Z 20s 0.30um 4.4Msz
KAF 59.24 1 eP 25 06.20 -3.4
0.5s 27.00nm 5.6mb
NB2 59.65 9 P 25 09.40 -3.2
0.8s 34.00nm 5.5mb
NUR 60.83 2 eP 25 17.60 -2.9
0.4s 28.70nm 5.8mb
SVE 61.59 340 iPd 25 23.00 -2.8
1.8s 60.00nm 5.4mb
e 26 03.50
BRVK 63.10 333 iPd 25 32.00 -3.8
1.0s 38.00nm 5.4mb
eS 35 16.00
DCN 64.56 22 eP 25 43.00 -2.3
DLF 64.75 22 eP 25 43.00 -3.5
MOS 65.35 354 eP 25 48.00 -2.3
ECB 65.58 22 eP 25 49.60 -2.3
ECP 65.84 22 eP 25 51.30 -2.2
OBN 66.04 354 iPd 25 52.00 -2.8
1.0s 54.00nm 5.5mb
e 26 20.50
LZH 66.28 301 iPc 25 53.50 -3.3
1.0s 82.00nm 5.6mb
pP 26 11.00 65kmX
MNK 67.48 360 eP 25 57.00 -6.8
CLL 69.44 10 iPc 26 13.90 -2.1
1.4s 43.00nm 5.2mb
DOU 69.69 16 P 26 16.10 -1.4
BRG 69.95 9 iPc 26 17.40 -1.7
1.1s 52.00nm 5.4mb
MOX 69.97 11 iPc 26 17.60 -1.7
1.1s 76.00nm 5.5mb
TNS 70.05 13 iPc 26 18.00 -1.9
i 26 25.60
FLN 70.20 19 iPc 26 18.50 -2.2
0.5s 10.15nm 5.0mb
WLF 70.32 15 P 26 21.00 -0.4
LDF 70.42 19 iPc 26 19.90 -2.1
0.6s 8.50nm 4.9mb
GRR 70.49 20 iPc 26 20.60 -1.9
0.6s 9.00nm 4.9mb
LPF 70.81 20 iPc 26 22.80 -1.6
0.6s 14.25nm 5.1mb
GRF 70.88 11 iPc 26 23.50 -1.3
0.9s 34.70nm 5.3mb
Z 27s 0.10um 3.9MszX
PRU 70.88 9 iPc 26 23.00 -1.8
1.1s 37.60nm 5.2mb
i 26 30.10
e 26 43.30
LANF 71.20 14 P 26 25.01 -1.8
OKC 71.28 6 iPc 26 25.20 -2.0

FRU 71.34 325 eP 26 26.00 -1.7
1.8s 40.00nm 5.0mb
e 29 02.50
KHC 71.65 10 iPc 26 29.00 -0.5
1.0s 71.00nm 5.6mb
e 26 37.00
e 26 42.50
CDF 71.69 14 iPc 26 28.20 -1.6
0.7s 6.40nm 4.7mb
ECH 71.87 14 P 26 28.95 -1.9
GEC2 71.95 10 e(P) 26 29.60 -1.7
0.8s 10.70nm 4.8mb
HAU 71.97 15 iPc 26 29.70 -1.7
0.5s 22.50nm 5.4mb
HYF 72.16 18 iPc 26 31.00 -1.5
BSF 72.20 15 iPc 26 31.10 -1.8
0.6s 14.60nm 5.1mb
MOF 72.23 14 P 26 31.07 -1.9
FEL 72.31 14 P 26 31.25 -2.3
LOR 72.34 17 iPc 26 31.90 -1.7
0.5s 21.85nm 5.3mb
MFF 72.35 20 iPc 26 32.00 -1.6
0.5s 14.35nm 5.2mb
SLE 72.48 13 eP 26 32.40 -2.0
SSF 72.49 17 iPc 26 32.80 -1.7
0.5s 26.55nm 5.4mb
LBF 72.64 17 iPc 26 33.50 -1.9
0.5s 12.95nm 5.1mb
UZH 72.67 4 iPc 26 34.00 -1.4
e 26 46.70
LOMF 72.68 15 P 26 33.87 -1.8
VKA 72.73 8 iPc 26 33.80 -2.0
AVF 72.73 17 iPc 26 34.00 -1.9
0.5s 36.30nm 5.6mb
ZST 72.85 7 iPc 26 35.10 -1.4
e 44 27.00
BGF 72.88 18 iPc 26 34.90 -1.9
0.6s 33.30nm 5.4mb
SMF 72.95 17 iPc 26 35.30 -1.9
0.7s 19.85nm 5.2mb
LSF 72.97 19 iPc 26 35.40 -1.9
0.4s 22.90nm 5.5mb
BHG 72.99 10 iPc 26 36.10 -1.3
1.1s 32.00nm 5.2mb
TCF 73.04 18 iPc 26 35.80 -1.9
0.6s 15.05nm 5.1mb
MAF 73.17 18 iPc 26 36.70 -1.7
0.4s 4.75nm 4.8mb
MOTA 73.19 12 iPc 26 37.00 -1.7
WATA 73.24 11 iPc 26 37.40 -1.6
APL 73.25 14 eP 26 37.80 -1.2
SRO 73.31 6 iP 26 38.60 -0.5
SQTA 73.32 12 iPc 26 37.90 -1.5
0.8s 29.80nm 5.3mb
WTTA 73.32 11 iPc 26 38.20 -1.3
0.7s 39.20nm 5.4mb
LLS 73.42 13 eP 26 38.90 -1.2
OGA 73.65 12 iPc 26 40.40 -1.1
KBA 73.67 10 iPc 26 40.40 -1.1
0.6s 50.20nm 5.6mb
i 26 48.00
OSS 73.73 12 P 26 41.22 -0.7
RJF 73.89 19 iPc 26 40.50 -2.1
0.7s 6.40nm 4.7mb
LFF 74.11 19 iPc 26 42.50 -1.4
0.6s 36.45nm 5.5mb
TMA 74.16 13 eP 26 43.10 -1.3
CAF 74.35 18 iPc 26 43.70 -1.6
0.5s 8.90nm 5.0mb
VAI 74.38 13 P 26 44.41 -1.0
LPO 74.44 19 iPc 26 44.30 -1.5
0.5s 28.45nm 5.5mb
LPL 74.47 15 iPc 26 45.60 -0.6
0.5s 5.10nm 4.7mb
LPG 74.49 15 iPc 26 45.90 -0.5
0.6s 4.50nm 4.6mb
CTI 74.52 11 P 26 44.34 -2.1
LSD 74.58 15 P 26 45.52 -1.4
VOY 74.75 10 eP 26 45.20 -2.5
LJU 74.80 9 eP 26 45.80 -2.1
epP 27 03.00 63kmX
RSP 74.89 15 P 26 46.76 -1.8
BNI 74.91 15 P 26 48.47 -0.2
PTJ 75.05 8 iP 26 47.50 -1.9
RRL 75.06 15 P 26 48.63 -1.0
BHB 75.20 15 P 26 48.04 -2.2
FOUF 75.44 15 ePc 26 51.38 -0.1

PZZ 75.51 15 P 26 51.15 -1.0
VRI 75.52 1 eP 26 50.00 -1.9
PCP 75.66 14 P 26 50.60 -2.3
CKI 75.74 14 P 26 51.66 -1.6
STV 75.79 15 P 26 51.29 -2.4
ROB 75.82 14 P 26 51.15 -2.6
ENR 75.82 15 P 26 51.11 -2.7
MLR 75.89 1 eP 26 52.50 -1.7
EPF 75.89 20 iPc 26 52.20 -2.0
0.7s 6.40nm 4.7mb
FIN 75.94 14 P 26 52.02 -2.4
TOUF 76.01 15 P 26 54.43 -0.6
KMI 76.04 295 P+ 26 52.00 -3.5
1.0s 20.00nm 5.0mb
pP 26 59.00 22kmX
AUTN 76.05 15 P 26 54.60 -0.7
SAOF 76.08 15 P 26 55.25 0.1
CMP 76.10 2 ePd 26 56.00 0.7
AURF 76.15 15 P 26 54.60 -1.1
SBF 76.18 15 iPc 26 54.50 -1.3
0.7s 44.30nm 5.5mb
IMI 76.20 14 P 26 53.81 -2.1
CALN 76.22 15 P 26 55.08 -1.1
BDI 76.37 12 P 26 55.22 -1.7
FRF 76.37 15 iPc 26 55.50 -1.3
0.6s 10.55nm 5.0mb
LRG 76.44 16 iPc 26 56.20 -0.9
0.5s 17.40nm 5.3mb
LMR 76.58 16 iPc 26 56.90 -1.0
0.6s 14.95nm 5.1mb
SFI 76.65 12 P 26 58.00 -0.3
KIV 76.67 349 iPc 26 56.20 -2.4
1.3s 55.00nm 5.3mb
Z 21s 0.10um 4.1Msz
PGD 76.68 12 P 26 58.25 -0.5
PII 76.70 13 P 26 56.45 -2.1
RSM 76.70 11 P 26 58.47 -0.1
ARV 77.18 11 P 27 00.16 -1.1
ASS 77.57 11 P 27 02.11 -1.4
PGF 77.68 14 iPc 27 02.90 -1.3
0.7s 43.90nm 5.5mb
PSN 77.71 360 iP 27 02.00 -2.1
PLE 77.84 6 iPc 27 03.77 -1.3
PVL 78.16 2 iP 27 05.00 -1.6
BRY 78.21 7 iPc 27 05.00 -2.1
MNS 78.25 11 P 27 05.36 -1.9
IVA 78.32 6 iPc 27 06.02 -1.6
PAB 78.33 25 ePc 27 07.50 -0.2
NKY 78.33 6 iPc 27 05.67 -2.1
AQU 78.36 11 P 27 07.15 -0.7
PVY 78.60 6 iPc 27 07.12 -2.1
HCY 78.66 7 iPc 27 06.83 -2.6
MTA 78.67 347 iP 27 07.40 -2.0
0.8s 130.00nm 5.9mb
TTG 78.73 6 iPc 27 07.70 -2.0
VTS 78.73 3 iP 27 06.00 -4.0
PGB 78.80 3 iP 27 07.00 -3.3
BDV 78.85 7 iPc 27 08.22 -2.2
JMB 78.92 1 iP 27 08.00 -2.8
ULC 79.19 6 eP 27 10.08 -2.2
PLD 79.26 2 iP 27 10.00 -2.6
SKO 79.29 5 iPc 27 11.40 -1.4
0.9s 150.00nm 5.9mb
DIM 79.32 2 iP 27 11.00 -2.0
KKB 79.45 3 iP 27 11.00 -2.7
RFI 79.45 10 P 27 13.14 -0.6
RZN 79.67 2 iP 27 13.00 -2.1
KDZ 79.72 2 iP 27 13.00 -2.2
VAY 79.98 4 iP 27 15.00 -1.5
1.0s 60.00nm 5.5mb
ASH 80.09 336 eP 27 14.00 -3.1
OHR 80.12 5 iPc 27 16.20 -1.2
1.0s 130.00nm 5.8mb
KNT 80.15 4 iP 27 16.50 -1.0
SRS 80.22 3 eP 27 16.12 -1.7
SGO 80.31 9 P 27 16.62 -1.6
GRG 80.34 4 iP 27 17.53 -1.0
FNA 80.47 5 iP 27 17.46 -1.8
ALN 80.48 1 eP 27 17.60 -1.6
SOH 80.50 3 eP 27 17.80 -1.6
MGR 80.75 9 P 27 18.70 -1.9
ORI 80.89 9 P 27 17.57 -3.8
OUR 81.01 3 eP 27 20.04 -1.9
LIT 81.20 4 eP 27 21.12 -1.9
PAIG 81.41 3 eP 27 20.88 -3.2
MAIO 81.42 334 iPc 27 23.00 -1.3
0.9s 12.79nm 4.9mb

25d 12h

IGT 81.67 6 eP 27 23.72 -1.7
GRI 82.13 9 P 27 26.05 -1.8
AGG 82.27 4 eP 27 26.36 -2.3
GMB 82.73 9 P 27 48.47 17.3
SOI 82.84 9 P 27 29.03 -2.5
LOE 83.13 292 iPd 27 31.00 -2.3
CHTO 83.23 295 eP 27 31.10 -2.8
1.0s 63.00nm 5.5mb
NDI 83.45 318 eP 27 37.20 2.3
BDT 84.56 294 eP 27 37.50 -3.0
KER 85.60 344 ePc 27 43.50 -2.2
GBA 97.15 311 Pc 28 36.50 -3.2
0.7s 16.00nm 5.7mb
WRA 98.58 246 P 28 44.00 -1.8
0.9s 0.50nm 4.0mb X
BFT 146.69 356 ePKP 34 48.50 1.1
0.7s 33.00nm
SLR 146.78 359 iPKPc 34 47.60 0.2
0.8s 106.00nm
KSR 146.91 1 ePKP 34 48.00 0.3
0.7s 44.00nm
SPA 148.80 180 iPKPc 34 52.30 2.9
0.7s 2.73nm
BOSA 149.61 4 ePKP 34 54.70 3.1
BLF 150.13 2 ePKP 34 55.60 3.0
0.8s 40.00nm
FRS 150.74 4 ePKP 34 55.10 1.9
0.8s 33.00nm
347 obs. associated

JUN 25, 1994 13h 08m 47.91± 1.29s
10.591 S ± 6.5km 165.990 E ± 6.1km
DEPTH = 69.7 ± 12.4 km
5.2mb (18 obs.)
SANTA CRUZ ISLANDS (184)
Mw 5.4 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 26C
Centroid Location:
Origin Time 13:08:43.1 0.5
Lat 10.59S FIX;Lon 166.00E FIX
Dep 15.0 FIX Half-duration 1.4
Moment Tensor; Scale 10**17 Nm
Mrr=-0.51 0.09 Mtt= 0.08 0.07
Mff= 0.43 0.12 Mrt=-0.38 0.17
Mrf=-1.24 0.21 Mtf=-0.58 0.10
Principal Axes:
T Val= 1.34 Plg=31 Azm= 75
N 0.27 25 181
P -1.61 48 303
Best Double Couple:Mo=1.5*10**17
NP1:Strike=115 Dip=27 Slip=-158
NP2: 5 80 -64

HNR 6.06 280 eP 10 17.00 0.0
eS 11 27.00
BKM 7.37 163 iPc 10 36.50 1.4
iS 12 17.00
DZM 11.42 178 iPc 11 26.20 -4.3X
iS 13 34.00
NOUC 11.45 179 iPc 11 28.60 -2.2
RAB 15.11 294 e(P) 12 20.00 1.2
KVG 17.04 297 eP 12 43.70 0.6
PMG 18.58 272 e(P) 12 57.00 -5.1X
WB2 31.85 249 eP 15 08.10 -0.6
1.1s 6.20nm 4.3mb
i 16 31.20
WRA 31.87 249 P 15 08.10 -0.7
0.8s 2.10nm 4.0mb X
TOO 32.58 211 eP 15 14.70 -0.1
0.7s 9.00nm 4.7mb
ASPA 33.21 243 eP 15 19.80 -0.7
1.5s 13.10nm 4.6mb
WARB 40.24 242 eP 16 20.00 0.3
WKYJ 53.09 328 eP 18 01.00 0.4
KAGJ 53.47 322 P 18 05.00 1.7
MAT 53.68 332 eP 18 04.00 -0.8
1.1s 30.38nm 5.2mb
Z 20s 0.35um 4.4Msz
eS 25 42.00
TKSJ 53.72 327 eP 18 05.60 0.5
MTMJ 53.90 332 eP 18 05.60 -0.9
NIIJ 53.90 333 eP 18 06.00 -0.4
YAMJ 54.24 335 eP 18 09.00 0.1
OFUJ 54.36 337 eP 18 09.30 -0.4
KUMJ 54.46 323 P 18 10.90 0.3
YONJ 54.95 327 P 18 13.80 -0.4
HOOJ 56.68 340 eP 18 26.50 0.1
KUSJ 56.86 341 eP 18 26.70 -1.0
MRRJ 57.49 338 eP 18 31.10 -1.0
ASAJ 58.43 340 P 18 39.40 0.7
SSE 59.70 316 P 18 47.50 -0.1
1.2s 17.00nm 5.1mb
Z 18s 0.40um 4.6Msz
eS 26 04.00
YSS 61.00 342 ePd- 18 55.00 -1.2
1.1s 70.00nm 5.7mb
Z 19s 0.40um 4.6Msz
N 17s 0.40um
E 18s 0.20um
PET 63.66 355 eP 19 12.00 -1.8
e 28 04.00
BJI 68.28 321 eP 19 44.00 0.4
1.5s 28.00nm 5.0mb
Z 22s 0.50um 4.7Msz
KMI 71.09 301 eP 20 02.00 0.6
pP 20 10.60 28kmX
LZH 74.63 312 eP 20 23.50 1.6
1.8s 77.00nm 5.3mb
Z 20s 0.50um 4.8Msz
pP 20 32.00 27kmX
CIT 76.85 330 eP 20 35.00 1.1
YAK 77.71 343 eP 20 38.10 -0.3
1.5s 105.00nm 5.6mb
ILT 79.06 6 iPc 20 44.80 -0.8
1.4s 62.00nm 5.3mb
i 20 50.40
i 21 14.40
BOD 80.17 335 eP 20 51.20 -0.6
IMA 82.01 15 eP 21 01.23 -0.3
1.4s 7.75nm 4.5mb
FBA 82.82 18 eP 21 03.50 -2.0
1.1s 1.58nm 3.9mb X
LBFM 83.85 46 eP 21 11.68 0.1
ISA 84.61 52 eP 21 14.51 -0.8
1.8s 39.26nm 5.2mb
CSP 85.10 54 eP 21 17.72 -0.1
PEC 85.14 54 eP 21 17.56 -0.4
0.3s 7.61nm 5.2mb
PLM 85.23 55 eP 21 18.58 0.0
GMW 85.41 40 eP 21 18.88 -0.1
MCW 85.79 39 eP 21 20.96 0.1
RMW 86.00 40 eP 21 21.59 -0.4
TPNV 86.69 52 eP 21 25.58 -0.2
0.9s 29.86nm 5.4mb
ELK 88.47 48 eP 21 34.29 0.0
ARUT 89.07 51 eP 21 37.44 0.3
NEW 89.25 41 eP 21 37.03 -0.5
1.3s 5.84nm 4.7mb
TUC 89.94 57 eP 21 43.02 1.8
1.6s 20.35nm 5.1mb
DUG 90.12 49 eP 21 42.08 0.1
2.0s 47.28nm 5.4mb
MSU 90.21 51 eP 21 42.94 0.4
HVU 90.52 48 eP 21 44.02 0.2
HHAI 91.16 46 eP 21 48.84 2.2
DAU 91.33 49 eP 21 48.03 0.3
EMUT 91.53 50 eP 21 48.91 0.3
LRM 91.70 44 eP 21 49.10 -0.1
PV10 92.59 52 eP 21 53.90 0.4
BW06 93.07 47 iPc 21 54.97 -0.6
2.2s 23.63nm 5.2mb
MBC 96.60 13 eP 22 11.00 0.2
ITR 149.02 127 ePKP 28 28.20 1.8
e 28 32.40
S.D. = 0.9 on 60 of 62 obs.

JUN 25, 1994 13h 48m 24.46± 0.46s
47.273 N ± 4.5km 11.441 E ± 3.6km
DEPTH = 5.0km (geophysicist)
AUSTRIA (546)
ML 2.2 (FUR), 2.0 (VIE).

WATA 0.11 56 iPgd 48 27.30 0.4
iSg 48 29.50
WTTA 0.13 94 iPgc 48 27.80 0.5
iSg 48 30.10
SQTA 0.17 252 iPgc 48 28.30 0.3
iSg 48 30.90
MOTA 0.24 288 iPgc 48 29.20 -0.2
iSg 48 33.30
SCE 0.30 142 iPgc 48 30.50 0.0
OGA 0.49 215 iPgd 48 34.20 -0.2
FUR 0.90 353 iPgd 48 42.80 0.6
KBA 1.31 98 iPgd 48 49.20 -0.1
i 48 52.00
iSg 49 06.50
i 49 12.50
WET 2.11 27 iPnc 49 00.20 -0.6
GEC2 2.19 43 Pn 49 01.50 -0.6
KHC 2.35 37 Pg 49 12.20 7.9X
Sg 49 49.00
S.D. = 0.5 on 10 of 11 obs.

JUN 25, 1994 13h 54m 58.81± 0.29s
56.074 S ± 6.1km 27.675 W ± 6.4km
DEPTH = 110.0km (geophysicist)
5.6mb (23 obs.)
SOUTH SANDWICH ISLANDS REGION (153)
Mw 5.1 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 16C
Centroid Location:
Origin Time 13:55: 1.5 0.5
Lat 56.01S 0.06 Lon 27.84W 0.15
Dep 111.8 4.0 Half-duration 1.2
Moment Tensor; Scale 10**16 Nm
Mrr=-1.14 0.38 Mtt= 1.10 0.58
Mff= 0.05 0.72 Mrt=-5.07 0.30
Mrf= 2.14 0.39 Mtf= 1.62 0.62
Principal Axes:
T Val= 5.17 Plg=39 Azm=180
N 1.17 18 285
P -6.34 46 34
Best Double Couple:Mo=5.8*10**16
NP1:Strike=208 Dip=18 Slip=-168
NP2: 106 86 -72

SNA 18.06 152 iPc 59 01.30 -2.3
0.5s 166.00nm 5.5mb
SPA 34.11 180 iPc 01 35.00 0.5
0.9s 116.82nm 5.7mb
CER 39.34 75 iPc 02 19.00 0.5
1.0s 100.00nm 5.6mb
MAW 40.29 144 iPc 02 22.00 -3.9X
0.7s 46.70nm 5.4mb
BAO 43.25 331 eP 02 51.50 0.8
GRM 43.37 82 eP 02 53.00 1.5
0.6s 50.00nm 5.5mb
FRS 45.39 77 iPc 03 07.20 -0.4
0.8s 33.00nm 5.2mb
SBA 46.04 184 iPc 03 13.70 1.5
BOSA 46.33 76 iPc 03 14.70 -0.3
BLF 46.36 78 eP 03 15.60 0.1
0.8s 40.00nm 5.3mb
WIN 46.85 63 iPd 03 20.00 0.5
1.5s 80.00nm 5.3mb
SWZ 47.40 75 iPc 03 23.60 -0.1
0.7s 77.00nm 5.6mb
SEK 47.76 78 iPd 03 26.90 0.4
0.6s 57.00nm 5.6mb
ITR 47.95 346 eP 03 26.90 -0.9
i 03 27.60
e 03 31.40
e 04 28.50
CCH 48.31 307 eP 03 30.00 -1.0
KSR 49.30 76 P 03 38.00 -0.4
1.0s 170.00nm 5.9mb
NWL 49.51 80 iPc 03 40.00 0.0
0.6s 38.00nm 5.5mb
LPB 49.94 306 P 03 44.80 1.2
SLR 50.16 77 iPd 03 44.40 -0.5
0.7s 55.00nm 5.6mb
LPAZ 50.17 306 P 03 45.10 -0.5
BFT 51.16 78 iPd 03 53.00 0.4
1.0s 110.00nm 5.8mb
CSY 53.97 161 iPd 04 13.70 1.1
0.7s 81.50nm 5.8mb
LIC 64.83 25 Pd 05 27.92 0.2
0.7s 99.50nm 5.9mb
KIC 65.03 25 Pd 05 28.99 -0.1
0.8s 100.00nm 5.8mb
TIC 65.24 25 Pd 05 30.31 -0.1
0.8s 111.50nm 5.9mb
LKO 67.91 24 Pd 05 47.61 0.3
0.6s 120.00nm 6.0mb
KDS 69.60 16 iP 05 56.50 -1.1
MBO 70.77 11 iP 06 06.00 1.3
BCAO 71.14 50 iPd 06 07.00 -0.1

```
       0.8s    70.00nm             5.5mb
RKG    84.83 151 iPd    07 22.10    0.3
TOO    86.54 175 iPc    07 30.60    0.3
       0.5s    19.00nm             5.4mb
ASPA   99.05 163 iPc    08 27.30   -1.0
       0.7s     8.80nm             5.5mb
                 e      12 28.50
WRA   102.77 163 Pdiff  08 44.80    0.0
       0.6s     0.80nm             4.7mb
GEC2  110.10  28 PKP    13 28.10   10.1X
       0.9s     0.83nm
                 e      13 36.50
                 e      13 40.40
NB2   120.72  21 PKP    13 37.10   -0.7
       0.5s     1.20nm
NUR   123.37  28 iPKP   13 42.00   -0.7
       0.4s     2.60nm
LRM   123.79 303 ePKP   13 45.30    0.8
KAF   125.15  28 iPKP   13 45.50   -0.7
       0.4s     6.60nm
SDF   129.55  24 iPKP   13 54.40   -0.1
RES   137.78 339 ePKP   14 10.50    0.6
       1.0s     2.00nm
MBC   143.89 336 ePKPc  14 18.70   -2.0
       0.7s     7.00nm
INK   145.65 321 ePKP   14 24.50    0.6
       0.7s    15.00nm
                 pP     15 06.50
TOA   148.93 307 ePKP   14 33.10    3.6X
       0.9s    85.40nm
FBA   150.33 312 ePKP   14 36.40    5.0X
       0.7s    17.20nm
KDC   150.53 297 ePKP   14 37.70    5.9X
       0.4s    16.80nm
IMA   152.93 314 iPKPd  14 43.10    7.8X
       0.7s     4.20nm
SDN   153.81 288 ePKP   14 45.70    9.1X
       0.7s    27.30nm
     S.D. = 0.9  on  40 of  47 obs.
--------------------------------------
   JUN  25, 1994  14h 09m 02.53± 1.14s
   47.620 N ± 5.8km    0.942 W ±11.7km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                           (538)
     ML 3.1 (LDG).

LPF     0.42 351 Pg     09 10.50   -0.5
                 Sg     09 15.90
GRR     0.77   4 Pg     09 17.50   -0.1
                 Sg     09 28.20
LDF     1.12  29 Pg     09 24.50    1.0
                 Sg     09 40.30
MFF     1.15 152 Pg     09 24.20    0.1
                 Sg     09 40.50
FLN     1.18  15 Pg     09 24.70    0.1
                 Sg     09 41.80
LSF     2.18 128 Pn     09 40.10    0.8
                 Pg     09 44.00
                 Sg     10 12.20
TCF     2.54 121 Pn     09 45.10    0.7
                 Pg     09 51.40
                 Sg     10 25.30
MAF     2.78 119 Pn     09 47.50   -0.4
                 Pg     09 55.30
                 Sg     10 31.80
BGF     2.80 111 Pn     09 48.30    0.1
                 Pg     09 56.00
                 Sg     10 32.10
RJF     2.87 143 Pg     09 55.90    6.7X
                 Sg     10 32.40
LFF     2.92 156 Pg     09 56.20    6.3X
                 Sg     10 34.40
AVF     3.04 104 Pn     09 51.30   -0.3
                 Pg     10 01.10
                 Sg     10 41.30
SSF     3.08  99 Pn     09 52.00    0.0
                 Pg     10 01.90
                 Sg     10 40.60
LOR     3.28  94 Pn     09 54.90   -0.1
                 Pg     10 05.70
                 Sg     10 46.70
LPO     3.29 152 Pg     10 03.30    8.2X
                 Sg     10 45.10
CAF     3.41 141 Pg     10 05.30    8.5X
                 Sg     10 51.10
LBF     3.41  99 Pn     09 55.90   -0.9
                 Pg     10 07.80
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                    Sn      10 34.00
                    Sg      10 51.30
SMF      3.41 105 Pn      09 56.30   -0.5
                    Pg      10 07.10
                    Sn      10 34.20
                    Sg      10 51.00
DOU      4.42  54 iP      11 01.10   50.0X
     S.D. = 0.6  on  14 of  19 obs.
--------------------------------------
% JUN 25, 1994  14h 31m 39.72± 0.97s
   44.135 N ± 5.9km    7.905 E ± 6.0km
   DEPTH =  13.5 ± 11.1 km
 NORTHERN ITALY                  (545)
      ML 2.1 (GEN).

ROB      0.16 351 P       31 43.86    0.0
                  S       31 46.10
IMI      0.22 183 P       31 44.91    0.0
                  S       31 48.30
FIN      0.23  71 P       31 44.91   -0.1
                  S       31 48.21
ENR      0.36 285 P       31 47.47    0.1
                  S       31 52.51
STV      0.43 285 P       31 48.50   -0.2
                  S       31 54.44
PCP      0.61  48 P       31 51.82    0.0
                  S       31 59.50
PZZ      0.69 303 P       31 53.07    0.0
                  S       32 02.02
BHB      0.84 327 P       31 55.71    0.0
                  S       32 06.23
      S.D. = 0.1  on   8 of   8 obs.
--------------------------------------
? JUN 25, 1994  14h 46m 13.23± 4.49s
  28.745 S ±17.7km  177.726 W ±27.9km
  DEPTH = 249.2 ± 36.8 km
  4.3mb (  6 obs.)
 KERMADEC ISLANDS REGION         (177)
DZM     15.76 291 iPc     49 44.00   -0.1
NOUC    15.87 291 iPd     49 45.40    0.2
BKM     16.95 308 iPc     50 04.50    7.4X
TOO     31.86 244 eP      52 17.40    0.3
         0.7s    13.00nm            4.7mb
ASPA    43.46 265 iPd     53 54.10    0.4
         1.3s    16.10nm            4.2mb
WB2     44.29 270 iPc     54 00.00   -0.3
         0.8s     6.90nm            4.0mb
                  iPcP    55 42.00
WRA     44.30 270 P       54 01.00    0.6
         1.0s     3.70nm            3.7mb
CSY     56.72 207 eP      55 31.20   -1.6
         1.0s    17.70nm            4.6mb
SPA     61.42 180 eP      56 06.00    0.8
         0.9s     0.45nm            3.1mb X
MAT     77.02 325 eP      57 39.00   -1.1
         0.9s     5.04nm            4.2mb
NB2    147.15 352 PKP     05 25.90    0.8
         0.8s     2.50nm
BCAO   151.31 216 ePKPc   05 42.80   10.0X
         0.5s     5.00nm
      S.D. = 1.0  on  10 of  12 obs.
--------------------------------------
    JUN  25, 1994  15h 19m 41.83± 0.73s
   39.793 N ± 6.7km   20.728 E ± 8.0km
   DEPTH =  10.0km  (geophysicist)
 GREECE-ALBANIA BORDER REGION    (392)
      ML 2.3 (THE).

IGT      0.40 230 iPg     19 49.73   -0.3
                  eSg     19 56.68
FNA      1.11  26 ePg     20 01.96   -0.7
                  eSg     20 16.44
OHR      1.32   2 iPn     20 06.90    0.7
LIT      1.39  77 ePb     20 06.92   -0.3
                  eSb     20 25.12
AGG      1.46 121 ePb     20 08.96    0.7
                  eSb     20 29.16
GRG      1.73  47 ePb     20 11.64   -0.5
SKO      2.24  14 ePn     20 20.00    0.4
      S.D. = 0.7  on   7 of   7 obs.
--------------------------------------
% JUN 25, 1994  15h 41m 24.53± 2.71s
  10.801 N ±12.6km   62.213 W ±30.4km
  DEPTH =  80.0km  (geophysicist)
 NEAR COAST OF VENEZUELA         ( 97)
      MD 3.7 (TRN).
```

```
TCE      0.46 103 iP      41 38.05   -0.1
TRN      0.81 101 eP      41 14.63  -26.9X
                  eS      41 54.76
TPP      0.89 123 iP      41 42.51    0.0
                  eS      41 58.60
TBH      1.17 105 eP      41 45.99    0.0
                  eS      42 06.99
GRW      1.46  22 eP      41 50.20    0.5
                  eS      42 13.23
BOT      1.51  76 eP      41 50.37    0.0
                  eS      42 14.27
SVB      2.63  21 eP      42 05.53   -0.1
                  eS      42 40.29
SVV      2.69  21 eP      42 06.12   -0.3
     S.D. = 0.3  on   7 of   8 obs.
--------------------------------------
% JUN 25, 1994  15h 41m 26.93± 0.64s
  27.976 S ± 6.0km   26.814 E ± 7.7km
  DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA        (584)
      ML 2.7 (PRE).

SEK      0.80 116 iPd     41 42.90   -0.1
                  S       41 53.70
BFS      1.07 359 eP      41 47.20   -0.5
                  S       42 00.80
PRY      1.20  29 eP      41 50.50    0.7
                  S       42 06.60
BLF      1.26 206 iPc     41 50.60   -0.2
                  S       42 07.10
BOSA     1.39 242 eP      41 54.90    2.0
                  S       42 14.50
SWZ      1.54 301 iPd     41 54.20   -1.0
                  S       42 12.30
KSR      2.10   2 eP      42 04.00    0.6
                  S       42 29.50
FRS      2.20 216 eP      42 03.60   -1.0
                  S       42 29.50
SLR      2.59  31 eP      42 09.90   -0.4
                  S       42 39.20
NWL      2.79  86 eP      42 21.20    8.0X
                  S       42 53.40
     S.D. = 1.1  on   9 of  10 obs.
--------------------------------------
? JUN 25, 1994  15h 50m 00.68± 1.98s
   2.801 N ±22.4km  127.061 E ±32.4km
  DEPTH =  73.6 ± 36.2 km
  4.8mb (  2 obs.)
 NORTHERN MOLUCCA SEA            (266)

CTB      5.22 327 iPc     51 17.50   -0.4
BIP      5.45 352 ePc     51 20.00   -1.2
                  eS      52 18.00
SWI      5.56 131 ePd     51 23.00    0.3
CGP      6.09 337 eP      51 30.00   -0.1
                  eS      51 39.00
MAP      8.07 338 iPc     51 58.00    0.5
PLP      8.56 346 ePd     52 05.50    1.3
WB2     23.71 163 iPd     55 06.20   -0.7
         0.5s    24.50nm            4.9mb
                  i       55 14.10
                  iS      59 17.40
ASPA    27.14 166 iPc     55 38.40   -0.6
         0.4s     9.10nm            4.7mb
                  i       55 57.70
WARB    28.82 181 eP      55 55.00    0.9
     S.D. = 1.0  on   9 of   9 obs.
--------------------------------------
? JUN 25, 1994  15h 59m 30.92± 2.64s
  11.076 N ±13.7km   62.027 W ±42.9km
  DEPTH =  80.0km  (geophysicist)
 WINDWARD ISLANDS                ( 95)
      MD 3.0 (TRN).

TCE      0.46 144 iP      59 44.09   -0.4
                  eS      59 55.42
TRN      0.75 125 iP      59 46.68   -0.6
                  eS      59 58.54
TPP      0.94 143 eP      59 50.28    0.8
                  eS      00 05.50
TBH      1.11 122 eP      59 51.73    0.1
                  eS      00 08.20
GRW      1.14  18 eP      59 52.11    0.1
                  eS      00 09.24
     S.D. = 0.8  on   5 of   5 obs.
--------------------------------------
* JUN 25, 1994  16h 17m 51.43± 1.33s
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25d 16h

41.876 N ±14.9km 20.025 E ±10.7km
DEPTH = 33.0km (normal)
ALBANIA (391)
ML 2.4 (TTG), 2.0 (TIR).

LACI 0.34 225 iPgc 18 00.80 1.2
iSg 18 06.40
PHP 0.37 121 iPgd 18 00.10 0.0
iSg 18 03.10
SDA 0.43 294 iPgd 18 00.60 -0.4
TIR 0.54 193 iPg 18 01.60 -1.0
OHR 0.96 142 iPg 18 08.90 0.3
0.5s 70.00nm
iSg 18 19.20
SKO 1.06 84 iPg 18 14.80 4.8X
0.7s 120.00nm
iSg 18 27.70
Lg 18 31.00
VAY 1.99 105 iPn 18 26.80 3.4X
S.D. = 1.1 on 5 of 7 obs.

JUN 25, 1994 17h 37m 43.63± 0.41s
40.624 N ± 3.6km 23.536 E ± 3.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 2.5 (THE).

SOH 0.24 325 ePg 37 49.02 0.2
eSg 37 52.34
THE 0.43 271 ePg 37 52.22 -0.3
eSg 37 57.90
OUR 0.45 130 iPg 37 52.94 0.2
eSg 37 59.70
SRS 0.49 5 iPg 37 53.62 -0.1
iSg 38 01.06
PAIG 0.70 171 ePg 37 56.86 -0.7
iSg 38 06.42
KNT 0.72 318 ePg 37 57.54 -0.3
eSg 38 07.38
GRG 0.92 291 iPg 38 01.37 0.1
eSg 38 13.82
LIT 0.95 237 ePg 38 01.66 -0.2
eSg 38 15.70
MMB 0.98 8 iP 38 01.00 -1.2
VAY 1.01 314 iPn 38 03.40 0.7
i 38 07.70
i 38 16.40
i 38 19.30
Lg 38 21.00
KKB 1.29 345 iP 38 07.00 -0.5
RZN 1.39 40 iP 38 09.00 -0.2
PLD 1.72 30 iP 38 17.00 3.2X
KDZ 1.75 54 iP 38 14.00 -0.2
ALN 1.93 81 ePb 38 17.82 1.1
eSb 38 43.82
VTS 1.98 353 iP 38 18.00 0.3
DIM 2.07 46 eP 38 22.00 3.2X
SKO 2.08 311 ePn 38 20.00 1.1
e 38 33.00
S.D. = 0.6 on 16 of 18 obs.

% JUN 25, 1994 18h 35m 40.73± 2.81s
16.013 N ±15.3km 61.098 W ±18.3km
DEPTH = 23.5 ± 13.0 km
LEEWARD ISLANDS (92)
ML 2.6 (FDF).

MGG 0.23 246 iPc 35 46.58 0.0
S 35 49.60
SFG 0.26 338 iPc 35 47.19 0.2
DEG 0.30 7 iPc 35 47.65 -0.1
S 35 53.82
DOG 0.50 272 eP 35 50.95 0.1
SEG 0.55 315 eP 35 51.50 -0.2
S 35 58.70
PAG 0.56 272 eP 35 51.90 0.0
S 35 59.50
BPA 1.26 325 eP 36 02.97 0.0
S 36 19.40
S.D. = 0.2 on 7 of 7 obs.

? JUN 25, 1994 18h 43m 13.37± 0.94s
37.115 N ± 8.1km 3.735 W ± 8.1km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 2.0 (MDD).

ERON 0.11 210 iPd 43 16.95 0.6
eS 43 19.40
ECOG 0.21 40 eP 43 18.13 0.1
eS 43 21.30
EGUA 0.31 154 eP 43 19.51 -0.4
eS 43 24.50
ELOJ 0.34 276 eP 43 20.03 -0.3
eS 43 24.90
S.D. = 0.8 on 4 of 4 obs.

% JUN 25, 1994 18h 44m 01.36± 1.08s
40.545 N ±17.2km 28.735 E ± 7.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.6 (ISK).

KCT 0.41 224 ePg 44 10.00 0.2
YLV 0.49 87 ePg 44 12.00 0.7
IZI 0.60 110 ePg 44 13.00 -0.5
eSg 44 24.00
EDC 0.69 254 ePn 44 15.00 -0.1
HRT 0.76 68 ePn 44 16.00 -0.3
S.D. = 0.7 on 5 of 5 obs.

JUN 25, 1994 18h 45m 21.99± 0.29s
39.299 N ± 2.6km 29.179 E ± 2.7km
DEPTH = 16.9 ± 3.1 km
TURKEY (366)
ML 4.3 (THE), 3.8 (ISK). MD 4.0
(ATH).

ALT 0.76 108 ePg 45 36.20 -0.3
KHL 1.01 164 iPn 45 40.40 -0.3
IZI 1.06 12 iPn 45 42.10 0.5
YLV 1.27 7 iPn 45 45.10 0.1
GPA 1.32 41 iPn 45 45.40 -0.2
EDC 1.46 316 iPn 45 48.00 0.5
HRT 1.57 14 iPn 45 50.10 0.9
IZM 1.75 240 ePn 45 51.60 -0.2
ISK 1.77 357 iPn 45 52.10 0.1
CTT 1.93 343 iPn 45 54.30 -0.1
MFT 2.08 316 iPn 45 56.60 -0.1
PRK 2.26 270 ePn 46 00.00 0.9
EZN 2.27 284 iPn 46 00.10 0.8
DMK 2.74 337 iPn 46 05.50 -0.5
ALN 2.89 305 ePn 46 08.72 0.7
eSn 47 05.56
KSL 3.19 174 ePn 46 12.10 -0.3
RDO 3.34 305 ePn 46 15.50 1.0
KDZ 3.71 310 iP 46 19.00 -0.8
JMB 3.73 329 iP 46 20.00 0.0
DIM 3.90 316 iP 46 22.00 -0.4
OUR 4.13 286 ePn 46 26.08 0.3
RZN 4.16 306 iP 46 25.00 -1.3
PAIG 4.29 280 ePn 46 28.56 0.5
PLD 4.41 311 iP 46 28.00 -1.6
PSN 4.44 351 iP 46 29.00 -1.1
SRS 4.65 295 ePn 46 33.28 0.2
eSn 47 29.10
SOH 4.72 291 ePn 46 34.32 0.1
MMB 4.75 301 iP 46 34.00 -0.5
PVL 4.87 325 iP 46 35.00 -1.2
PGB 5.00 312 iP 46 38.00 0.0
KNT 5.15 293 ePn 46 40.48 0.2
LIT 5.22 281 ePn 46 41.68 0.5
AGG 5.33 269 iPn 46 42.58 -0.2
VAY 5.44 294 iPn 46 44.30 0.0
CSS 5.45 141 eP 46 45.50 1.0
GRG 5.45 290 ePn 46 44.44 -0.1
VLI 5.56 244 ePn 46 46.90 0.9
BUC1 5.56 336 eP 47 40.00 54.0X
VTS 5.59 308 iP 46 45.00 -1.5
CFR 5.93 353 eP 46 51.50 0.4
ISR 6.15 342 eP 46 57.00 2.7X
SKO 6.46 297 ePn 47 02.00 3.3X
DRA 6.51 327 ePc 47 52.00 52.7X
MLR 6.63 340 eP 47 01.50 0.3
OHR 6.67 288 ePn 47 01.70 0.1
CMP 6.71 334 ePd 47 05.00 2.9X
VRI 6.81 345 ePd 47 04.00 0.4
GZR 7.72 324 ePd 47 17.00 0.7
ADI 7.90 140 P 47 19.10 0.3
HRI 8.01 137 P 47 20.90 0.4
KSHT 8.28 137 P 47 25.40 1.2
GVMR 8.34 141 P 47 25.40 0.4
MML 8.51 142 P 47 26.80 -0.6
HMDT 8.71 142 P 47 28.10 -2.0
JVI 8.90 144 P 47 31.30 -1.5
GEC2 14.63 316 Pn 48 51.30 1.3
0.8s 0.56nm 3.2mb X
e 49 02.30
MAIO 24.09 88 eP 50 39.00 1.5
S.D. = 0.8 on 52 of 57 obs.

% JUN 25, 1994 18h 55m 57.73± 0.95s
39.284 N ± 7.4km 29.208 E ±14.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

KHL 0.99 165 ePn 56 16.50 -0.1
IZI 1.07 11 ePn 56 18.60 0.7
KCT 1.17 326 ePn 56 19.00 -0.5
YLV 1.29 6 ePn 56 21.00 -0.6
EDC 1.48 316 ePn 56 25.00 0.6
S.D. = 0.8 on 5 of 5 obs.

? JUN 25, 1994 19h 08m 47.51± 1.30s
33.973 S ±36.9km 178.531 W ±23.6km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
SOUTH OF KERMADEC ISLANDS (179)

DZM 17.77 308 iPd 12 54.00 0.0
ASPA 42.60 271 iPd 16 50.60 8.3X
0.5s 7.50nm 4.7mb
WB2 43.90 276 iPd 16 52.60 -0.2
0.4s 6.40nm 4.8mb
i 16 58.60
WRA 43.91 276 P 16 53.20 0.3
0.4s 2.10nm 4.3mb
KAF 147.73 338 ePKP 28 22.60 -4.0X
NUR 149.47 337 ePKP 28 28.70 -0.6
NB2 152.19 350 PKP 28 34.10 0.6
0.5s 1.20nm
S.D. = 0.7 on 5 of 7 obs.

? JUN 25, 1994 20h 41m 40.00± 2.14s
9.200 N ±11.9km 126.300 E ±24.5km
DEPTH = 33.0km (normal)
MINDANAO, PHILIPPINE ISLANDS (259)

BIP 0.97 183 iPd 41 57.50 0.2
iS 42 08.00
CGP 1.75 245 ePd 42 08.00 -0.5
eS 42 22.00
PLP 2.35 326 ePd 42 16.50 -0.5
eS 42 29.00
MAP 2.54 296 iPd 42 20.80 0.9
S.D. = 1.2 on 4 of 4 obs.

% JUN 25, 1994 21h 16m 39.96± 0.71s
39.313 N ± 5.3km 29.302 E ± 8.8km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 3.2 (ISK).

KHL 1.00 170 iPg 16 59.50 0.0
eSg 17 13.50
IZI 1.03 7 iPg 17 00.00 0.0
iSg 17 14.00
KCT 1.19 322 iPg 17 03.00 0.5
iSg 17 18.00
YLV 1.25 2 iPn 17 04.00 0.2
EDC 1.51 313 ePn 17 08.00 0.3
HRT 1.53 10 iPn 17 08.00 -0.1
ISK 1.76 354 ePn 17 12.00 0.7
CTT 1.95 340 ePn 17 13.10 -0.9
EZN 2.36 283 ePn 17 20.00 0.1
DMK 2.77 335 ePn 17 25.00 -0.8
S.D. = 0.6 on 10 of 10 obs.

? JUN 25, 1994 21h 50m 08.35± 8.39s
43.298 N ±49.8km 8.662 E ±38.0km
DEPTH = 5.0km (geophysicist)
CORSICA (380)
ML 2.4 (GEN).

IMI 0.83 318 P 50 27.50 2.6X
S 50 30.80
FIN 0.97 340 P 50 28.15 0.9
S 50 33.32
ROB 1.15 330 P 50 29.47 -0.9
S 50 38.40

PCP 1.25 356 P 50 31.76 -0.2
S 50 42.47
ENR 1.29 316 P 50 32.95 0.1
S 50 44.16
STV 1.35 315 P 50 33.91 0.0
S 50 45.86
PZZ 1.65 317 P 50 38.26 0.0
S.D. = 0.7 on 6 of 7 obs.

JUN 25, 1994 21h 59m 43.81± 0.72s
31.706 S ± 4.1km 71.796 W ±10.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.5 (SAN).

IHA 1.32 174 iPc 00 06.50 0.4
iS 00 26.30
JACH 1.41 134 iPd 00 06.73 -0.7
iS 00 22.91
ROCH 1.43 152 iP+ 00 07.20 -0.6
iS 00 24.43
PEL 1.71 147 iP+ 00 11.92 0.1
iS 00 31.57
LCCH 1.77 174 iP+ 00 12.89 0.2
iS 00 34.28
SAN 1.99 152 iP 00 15.93 0.1
iS 00 39.61
FCH 2.06 142 iP+ 00 17.05 0.0
iS 00 41.34
TACH 2.07 160 iPd 00 17.17 0.2
iS 00 41.51
PCH 2.19 151 iP+ 00 18.61 -0.1
iS 00 44.92
LNV 2.27 172 iP+ 00 19.07 -0.6
iS 00 47.45
CHCH 2.42 157 iP 00 22.08 0.1
iS 00 49.81
CACH 2.61 158 iP+ 00 25.30 0.6
iS 00 55.62
ZON 2.66 87 eP 00 25.90 0.5
LPB 15.48 13 P 03 22.10 0.4
LPAZ 15.71 13 P 03 24.40 -0.5
S.D. = 0.5 on 15 of 15 obs.

JUN 25, 1994 22h 21m 10.98± 0.73s
40.537 N ± 6.4km 21.437 E ± 6.1km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 1.2 (THE).

FNA 0.25 349 iPg 21 16.50 0.4
eSg 21 20.82
OHR 0.75 320 iPg 21 25.50 -0.6
0.5s 50.00nm
iSg 21 37.40
GRG 0.84 60 ePg 21 27.50 -0.3
eSg 21 40.14
LIT 0.92 118 ePg 21 28.74 -0.2
eSg 21 42.10
KNT 1.27 60 ePb 21 35.38 0.3
eSb 21 53.06
IGT 1.31 221 ePb 21 35.98 0.2
S.D. = 0.5 on 6 of 6 obs.

JUN 26, 1994 00h 03m 22.17± 0.23s
28.739 S ± 6.9km 176.844 W ± 5.0km
DEPTH = 33.0km (normal)
5.3mb (23 obs.) 5.3Msz (33 obs.)
KERMADEC ISLANDS REGION (177)
Mw 5.5 (HRV). Ms 5.5 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 44S, 77C
Centroid Location:
Origin Time 00:03:24.7 0.2
Lat 28.70S 0.04 Lon 176.32W 0.03
Dep 18.5 1.9 Half-duration 1.4
Moment Tensor; Scale 10**17 Nm
Mrr= 1.08 0.03 Mtt= 0.13 0.05
Mff=-1.21 0.04 Mrt= 0.30 0.09
Mrf= 1.27 0.18 Mtf=-0.28 0.04
Principal Axes:
T Val= 1.66 Plg=66 Azm=285
N 0.18 1 192
P -1.84 24 102
Best Double Couple:Mo=1.8*10**17
NP1:Strike=189 Dip=21 Slip= 86
NP2: 13 69 91

DZM 16.49 290 iPc 07 17.00 4.4X
NOUC 16.59 290 iPc 07 20.20 6.4X
BKM 17.57 306 iPd 07 30.00 3.9X
ARMA 27.43 259 eP 09 08.70 1.7
CNB 29.29 248 iPc 09 25.20 1.4
0.6s 30.00nm 5.2mb
CAN 29.59 248 eP 09 27.10 0.7
BWA 30.03 250 iPd 09 29.50 -0.9
TOO 32.56 244 iPc 09 53.30 0.7
1.0s 69.00nm 5.5mb
KVG 40.30 304 eP 10 56.30 -1.9
LAT 40.58 296 eP 11 00.90 0.4
ASPA 44.24 265 iPd 11 29.60 -0.7
1.3s 65.10nm 5.3mb
eS 17 57.10
WB2 45.06 270 iPd 11 36.10 -0.9
1.1s 29.20nm 5.1mb
iPcP 13 17.60
eS 18 15.00
WRA 45.07 270 P 11 36.30 -0.8
1.1s 6.00nm 4.4mb
SBA 49.76 184 eP 12 14.30 1.3
KKH 52.15 25 eP 12 43.36 11.7X
HON 52.99 22 P 13 00.00 22.1X
Z 20s 0.85um 4.8Msz
CSY 57.08 207 iPc 13 07.30 0.1
1.0s 60.80nm 5.6mb
NANU 60.56 259 eP 13 31.00 -0.9
SPA 61.42 180 iPd 13 36.80 -0.7
1.3s 10.00nm 4.8mb
Z 19s 0.72um 4.8Msz
BAG 75.29 298 eP 15 02.90 -1.4
KAKJ 76.21 325 eP 15 04.70 -4.2X
CHJJ 76.68 325 eP 15 10.80 -0.8
IIDJ 76.81 323 eP 15 11.80 -0.5
WKYJ 77.10 321 eP 15 13.90 -0.1
MAT 77.47 324 eP 15 15.00 -0.9
1.3s 61.54nm 5.5mb
Z 20s 0.35um 4.7Msz
eS 25 08.00
NIIJ 77.61 325 P 15 16.40 -0.2
KAGJ 77.64 316 P 15 17.00 0.1
MTMJ 77.71 324 P 15 17.30 0.0
OFUJ 77.78 328 eP 15 17.50 0.0
TKSJ 77.78 320 P 15 17.80 0.1
YAMJ 77.83 327 eP 15 18.20 0.4
TSRJ 77.87 322 eP 15 18.00 -0.1
KUMJ 78.62 317 P 15 21.50 -0.8
YONJ 78.99 320 P 15 24.20 -0.1
SHNJ 79.58 318 P 15 26.90 -0.5
KUSJ 79.74 332 eP 15 29.90 1.8
HOOJ 79.74 331 eP 15 29.20 1.1
MRRJ 80.73 330 eP 15 35.40 2.0
SNA 81.15 178 iPd 15 34.20 -1.0
0.7s 13.00nm 5.0mb
ASAJ 81.43 332 P 15 38.40 1.4
SAO 83.37 42 eP 15 56.78 9.5x
Z 17s 2.60um 5.7MszX
iS 26 20.78
eSS 31 48.78
eLQ 37 35.78
eLR 41 09.78
STAN 83.39 41 eP 15 48.84 1.5
Z 18s 1.70um 5.5Msz
eLR 41 32.84
MHC 83.65 41 eP 16 00.20 11.3X
Z 18s 2.30um 5.6Msz
e 24 55.20
iS 26 16.20
eLQ 37 47.20
eLR 41 50.20
BKS 83.68 40 ePd 15 55.37 6.5X
Z 18s 2.20um 5.6Msz
iS 26 24.37
eSP 27 13.37
ePS 27 18.37
eSS 31 50.37
eLQ 37 51.37
i 39 14.37
eLR 42 08.37
YSS 83.77 333 eP 15 49.50 0.5
0.9s 30.00nm 5.4mb
Z 17s 0.90um 5.2MszX
N 17s 0.50um
E 17s 0.30um

e 15 59.20
eS 26 14.00
ePPS 27 24.00
SSE 83.79 310 Pc 15 50.00 0.5
1.5s 470.00nm 6.4mb X
Z 22s 1.00um 5.2Msz
eSKS 26 14.00
eS 26 24.00
ePS 27 32.00
SS 32 04.00
PLM 83.92 47 eP 15 49.68 -0.7
PEC 84.07 46 eP 15 50.80 -0.2
1.0s 15.25nm 5.1mb
ISA 84.41 44 eP 15 52.60 0.0
1.3s 29.07nm 5.3mb
Z 19s 1.23um 5.3Msz
KMPM 84.42 38 iPd 15 53.33 0.7
ARC 84.77 37 eP 16 04.42 10.2X
Z 17s 1.20um 5.3MszX
eLR 42 30.42
CMB 84.86 41 eP 15 54.27 -0.5
1.7s 52.32nm 5.5mb
Z 19s 1.51um 5.4Msz
GLA 85.04 48 iPd 15 56.52 0.7
ORV 85.26 40 eP 15 56.73 0.0
WDC 85.39 38 eP 15 57.08 -0.3
2.5s 150.71nm 5.8mb
Z 19s 1.39um 5.4Msz
MIN 85.74 39 eP 16 07.73 8.4X
Z 18s 1.70um 5.5Msz
eLR 42 21.73
BONR 86.02 43 eP 16 01.61 0.7
YBH 86.11 37 ePc 15 59.62 -1.4
Z 17s 0.90um 5.2MszX
eS 26 36.62
eSP 27 46.62
iPS 27 51.62
eSS 32 23.62
eSSS 35 52.62
eLQ 38 44.62
eLR 43 05.62
TPNV 86.61 44 ePd 16 03.86 0.2
1.0s 273.80nm 6.4mb X
TNP 86.75 43 ePd 16 04.30 -0.1
1.8s 35.75nm 5.3mb
TUC 87.29 51 eP 16 08.51 1.6
1.3s 28.31nm 5.4mb
Z 20s 0.53um 4.9Msz
ARUT 88.87 45 eP 16 15.29 0.7
BMW 89.18 34 ePd 16 16.12 0.5
SHW 89.47 34 eP 16 17.39 0.3
LON 90.07 34 eP 16 19.39 -0.4
MSU 90.11 45 eP 16 20.78 0.4
GMW 90.15 33 eP 16 20.46 0.4
RMW 90.57 34 eP 16 22.21 0.1
LTX 90.64 57 eP 16 22.14 -0.8
DUG 90.74 44 P 16 30.00 6.8X
Z 19s 1.26um 5.4Msz
LOE 90.99 289 eP 16 25.00 0.5
NST 91.47 287 eP 16 29.00 2.3
SRU 91.50 45 eP 16 26.23 -0.5
SLKM 91.56 13 eP 16 25.88 -0.4
HVU 91.73 42 eP 16 27.59 -0.1
ALQ 91.75 51 eP 16 27.80 -0.2
1.2s 11.14nm 5.2mb
Z 19s 0.92um 5.2Msz
CP2 91.88 12 eP 16 27.12 -0.9
PV09 92.02 47 ePd 16 29.00 -0.3
BJI 92.46 315 eP 16 31.00 0.2
1.6s 24.00nm 5.4mb
Z 24s 0.64um 5.0MszX
eSKS 27 05.00
eS 27 44.00
eSS 34 16.00
PTI 92.64 42 eP 16 32.16 0.3
PMR 92.77 13 eP 16 31.27 -0.5
1.1s 10.97nm 5.2mb
Z 19s 0.58um 5.0Msz
HHAI 92.89 41 eP 16 34.57 1.6
NEW 93.44 35 P 16 50.00 14.8X
Z 20s 1.13um 5.3Msz
KMI 93.98 296 eP+ 16 39.00 0.5
1.4s 60.00nm 5.8mb
Z 20s 1.20um 5.4Msz
N 14s 0.40um
E 15s 0.60um
pP 16 50.00 35kmX

26d 00h

S 27 16.00
CHTO 93.98 289 eP 16 39.30 1.0
GLD 95.23 47 eP 16 44.53 0.6
Z 19s 1.43um 5.5Msz
FBA 96.04 12 iPd 16 45.81 -0.9
1.0s 1.85nm 4.5mb
ILT 96.35 359 iPd 16 47.60 -0.4
e 34 44.00
WMOK 96.99 54 P 17 00.00 8.2X
Z 18s 0.61um 5.1Msz
RSSD 98.33 44 eP 16 56.95 -0.9
1.1s 9.03nm 5.2mb
LZH 98.54 306 eP 16 59.00 0.1
1.6s 30.00nm 5.6mb
Z 18s 0.74um 5.2Msz
E 16s 0.51um
pP 17 07.00 25kmX
ePP 21 05.00
SKS 27 35.00
eS 28 30.00
PS 30 00.00
eSS 35 34.00
MIAR 100.66 57 Pdiff 17 20.00 11.6X
Z 21s 0.42um 4.9Msz
SLM 104.88 54 Pdiff 21 40.00 252.9X
Z 18s 0.54um 5.1Msz
JFWS 106.63 50 PKP 21 50.00 4.6X
Z 19s 0.40um 5.0Msz
GOGA 107.78 61 PKP 21 50.00 2.1X
Z 19s 0.58um 5.2Msz
MYNC 107.92 59 PKP 21 50.00 1.8X
Z 19s 0.87um 5.3Msz
NAV 111.26 58 ePdiff17 55.56 0.0
MCWV 112.75 56 PKP 22 00.00 2.9X
Z 20s 0.69um 5.2Msz
YSNY 114.56 54 PKP 22 00.00 -0.6
Z 19s 0.71um 5.3Msz
BINY 116.30 54 PKP 22 00.00 -3.9X
Z 19s 1.29um 5.6Msz
LSCT 118.15 56 PKP 22 10.00 2.6X
Z 18s 1.05um 5.5Msz
HRV 119.55 55 PKP 22 10.00 0.0
Z 19s 1.16um 5.5Msz
LBNH 119.67 53 PKP 22 10.00 -0.2
Z 20s 0.83um 5.4Msz
FRU 121.97 305 ePKP 22 14.00 -0.7
e 22 25.00
CBM 122.79 51 PKP 22 20.00 4.0X
Z 20s 0.57um 5.2Msz
BRVK 125.97 317 ePKP 22 19.00 -3.1X
1.5s 45.00nm
SVE 131.23 322 iPKP 22 32.00 0.1
MAIO 132.47 294 ePKP 22 36.00 0.9
ASH 133.57 296 ePKP 22 34.50 -2.5
KER 142.35 290 ePKPd 22 47.50 -6.0X
KAF 143.30 342 iPKP 22 56.30 2.3X
0.7s 3.60nm
PUL 143.90 337 (PKP) 22 50.50 -4.6X
2.0s 140.00nm
e 23 03.50
e 26 12.00
PYA 144.81 307 iPKPc 22 55.00 -2.2
1.0s 150.00nm
i 23 05.00
NUR 145.08 342 iPKP 22 54.90 -2.2
0.8s 64.70nm
NB2 147.25 353 PKP 23 01.60 0.9
1.2s 45.50nm
SOC 147.27 307 ePKP 23 05.00 3.8X
UPP 147.36 346 ePKP 23 01.00 0.2
i 23 14.20
HFS 147.80 350 ePKP 23 02.30 0.7
0.4s 2.00nm
ANN 148.55 310 ePKP 23 05.00 1.8X
e 26 37.00
MNK 149.18 331 ePKP 23 06.00 2.1X
BCAO 151.76 214 ePKPd 23 08.50 -0.6
0.7s 3.00nm
i 23 15.00
i 27 07.50
BHL 151.84 289 PKP 23 12.00 3.3X
BSD 152.31 345 ePKP 23 18.00 9.5X
0.8s 20.00nm
KIS 152.90 319 iPKP 23 16.00 6.4X
i 23 28.00
MLR 155.44 319 ePKP 23 21.50 8.2X
OKC 156.04 336 ePKP 23 19.20 5.4X
e 23 41.40
e 23 52.00
CLL 156.27 345 ePKP 23 26.00 11.9X
i 23 41.60
i 23 54.20
BRG 156.44 343 ePKP 23 25.00 10.6X
1.1s 20.00nm
i 23 44.30
i 23 55.70
PRU 157.08 341 ePKP 23 24.90 9.7X
1.9s 45.50nm
Z 17s 0.40um 5.3MszX
e 23 45.40
e 23 56.60
MOX 157.20 346 ePKP 23 22.40 7.0X
Z 18s 0.40um 5.3Msz
SRO 157.62 332 ePKP 23 19.40 3.5X
e 27 29.00
ZST 157.78 335 ePKP 23 15.50 -0.6
e 23 28.50
i 23 49.30
e 27 35.20
KHC 158.12 341 ePKP 23 19.50 3.0X
e 23 30.50
e 23 51.00
e 24 02.00
e 24 18.00
GEC2 158.35 341 PKP 23 18.70 1.8X
1.4s 2.26nm
VAY 159.80 314 ePKP 23 19.30 0.7
1.4s 90.00nm
e 23 32.60
i 23 58.00
i 24 07.30
PTJ 160.12 333 ePKP 23 21.30 2.4X
SKO 160.14 316 ePKP 23 10.00 -8.9X
e 23 30.00
i 24 00.10
i 24 09.00
i 27 16.00
LJU 160.54 336 ePKP 23 14.50 -4.7X
ePKPab24 00.00
epP'ab24 10.00
ePP 27 40.00
OHR 161.03 315 ePKP 23 11.70 -8.2X
e 23 30.20
i 24 02.80
TRI 161.10 337 ePKP 23 16.00 -3.7X
e 27 40.00
PAB 167.56 28 ePKPc 23 42.10 16.2X
ePKKP 24 50.00
ePP 28 30.00
S.D. = 0.9 on 93 of 141 obs.

? JUN 26, 1994 00h 19m 19.12± 3.52s
18.301 N ±19.7km 67.223 W ±27.1km
DEPTH = 33.0km (normal)
MONA PASSAGE (89)
MD 3.3 (MPR).

LSP 0.18 133 iPc 19 25.56 0.0
MGP 0.32 156 iPd 19 27.21 0.1
LRS 0.36 91 iP 19 27.14 -0.6
S 19 32.35
APR 0.49 72 iPd 19 29.41 -0.2
S 19 35.88
PNP 0.57 115 iP+ 19 30.25 -0.4
S 19 37.26
CLLP 0.65 110 iPd 19 31.71 -0.2
S 19 40.28
CSB 1.01 90 iP 19 37.40 0.3
S 19 49.95
SJG 1.04 100 iPc 19 37.77 0.4
S 19 50.44
CPD 1.27 102 iPd 19 40.97 0.3
S 19 56.29
LPR 1.29 89 iP+ 19 41.28 0.3
S 19 56.90
S.D. = 0.4 on 10 of 10 obs.

% JUN 26, 1994 00h 26m 13.96± 1.05s
44.441 N ±10.8km 7.297 E ± 8.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.8 (GEN).

PZZ 0.15 295 P 26 17.64 0.0
S 26 19.89
STV 0.20 174 P 26 18.42 0.1
S 26 21.26
ENR 0.23 157 P 26 19.02 0.0
S 26 22.08
ROB 0.44 109 P 26 22.95 0.1
S 26 28.90
IMI 0.68 141 P 26 27.35 -0.2
S.D. = 0.1 on 5 of 5 obs.

? JUN 26, 1994 01h 03m 38.61± 3.68s
34.571 N ±46.8km 26.538 E ± 8.8km
DEPTH = 33.0km (normal)
CRETE (370)
MD 3.8 (ATH).

NPS 1.03 312 ePn 03 56.70 0.0
VAM 2.09 294 ePn 04 12.00 -0.1
KSL 2.93 57 ePn 04 23.90 0.0
VLI 3.63 307 ePn 04 34.00 0.1
GEC2 17.15 330 Pg 07 37.20 0.0
S.D. = 0.1 on 5 of 5 obs.

? JUN 26, 1994 01h 22m 42.55± 1.01s
37.393 S ±28.8km 47.717 E ±18.4km
DEPTH = 10.0km (geophysicist)
5.0mb (7 obs.)
SOUTHWEST INDIAN RIDGE (428)

NAI 37.32 342 iPd 29 59.00 1.9
GBA 57.91 35 P 32 35.00 -2.2
KIC 65.43 300 P 33 27.45 -0.4
0.9s 11.50nm 5.1mb
LIC 65.53 300 P 33 27.97 -0.5
0.8s 9.00nm 5.0mb
TIC 65.82 300 P 33 30.07 -0.4
0.6s 11.50nm 5.2mb
LKO 68.30 302 P 33 46.03 -0.1
0.9s 17.00nm 5.3mb
ASPA 73.14 107 iPd 34 15.70 0.3
0.7s 8.70nm 4.9mb
WRA 75.57 104 P 34 30.20 0.8
0.7s 2.10nm 4.3mb
MLR 84.81 345 eP 35 20.00 1.8
ZST 89.47 340 iP 35 40.00 -0.6
GEC2 91.02 338 P 35 47.20 -0.7
1.6s 2.87nm 4.4mb
INK 149.03 1 ePKP 42 30.50 3.5X
0.8s 2.00nm
ULM 151.06 308 ePKP 42 41.00 10.3X
S.D. = 1.3 on 11 of 13 obs.

JUN 26, 1994 01h 48m 29.00± 0.53s
35.325 N ± 5.3km 3.964 W ± 5.6km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.3 (MDD). MD 3.1 (RBA).

EMEL 0.82 91 eP 48 45.38 0.4
eS 48 55.50
TAF 1.37 111 ePg 48 54.50 0.3
i 48 57.00
iSn 49 11.00
i 49 13.00
EGUA 1.54 12 eP 48 55.61 -0.9
eS 49 15.60
ERON 1.69 4 eP 48 58.65 -0.2
eS 49 18.60
MOMI 1.74 305 eP 49 00.00 0.6
ELOJ 1.82 355 eP 49 01.04 0.3
eS 49 22.00
ALJ 1.89 316 eP 49 02.00 0.3
LIJA 1.96 324 eP 49 05.00 2.3X
ECOG 1.97 9 eP 49 02.74 -0.2
eS 49 25.10
IFR 2.04 208 iPn 49 03.00 -1.0
i 49 05.00
iSn 49 24.00
AVE 3.50 236 ePn 49 25.00 0.5
e 49 27.00
eSn 50 02.00
i 50 18.00
S.D. = 0.7 on 10 of 11 obs.

% JUN 26, 1994 02h 31m 32.75± 0.69s
39.364 N ± 5.2km 29.505 E ± 8.3km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
ML 3.0 (ISK).

IZI 0.97 359 iPg 31 51.00 -0.3
iSg 32 04.50
KHL 1.04 179 iPg 31 52.50 0.1
GPA 1.11 34 iPg 31 53.50 -0.1
YLV 1.21 355 ePn 31 56.00 0.7
KCT 1.25 315 iPn 31 55.90 -0.1
HRT 1.46 5 ePn 31 59.00 -0.2
EDC 1.60 308 ePn 32 01.00 -0.1
ISK 1.73 349 ePn 32 03.00 -0.1
CTT 1.96 336 ePn 32 06.50 0.1
S.D. = 0.4 on 9 of 9 obs.

% JUN 26, 1994 02h 52m 01.13± 0.66s
40.522 N ± 5.7km 28.521 E ± 5.1km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

KCT 0.30 205 iPg 52 06.90 -0.3
iSg 52 09.90
EDC 0.53 251 iPg 52 12.00 0.2
eSg 52 19.00
CTT 0.63 354 iPg 52 13.80 0.1
YLV 0.65 86 iPg 52 14.00 -0.2
eSg 52 23.00
ISK 0.68 37 ePg 52 14.50 -0.2
IZI 0.75 104 ePg 52 16.50 0.4
S.D. = 0.3 on 6 of 6 obs.

JUN 26, 1994 02h 56m 19.30± 0.90s
43.708 N ± 6.3km 148.077 E ± 6.7km
DEPTH = 67.7 ± 8.8 km
4.7mb (38 obs.)
EAST OF KURIL ISLANDS (222)

KUSJ 2.53 257 iP+ 56 59.20 0.4
S 57 26.30
HOOJ 3.75 251 iP+ 57 18.30 2.3X
eS 57 59.40
ASAJ 3.95 278 iPd 57 21.40 2.7
YSS 5.02 313 iPnd 57 33.30 -0.5
MRRJ 5.29 258 P 57 38.70 1.1
eS 58 35.70
AOMJ 6.53 244 eP 57 55.20 0.3
eS 59 04.70
OFUJ 6.68 228 P 57 55.80 -1.1
eS 59 07.60
YAMJ 8.22 230 eP 58 17.70 -0.5
eS 59 46.50
SKR 8.84 35 ePn 58 22.50 -4.2X
NIIJ 9.46 230 P 58 34.80 -0.4
KAKJ 9.64 222 eP 58 36.10 -1.5
eS 00 17.20
CHJJ 10.35 225 P 58 45.90 -1.4
eS 00 35.30
MAT 10.40 230 iPc 58 47.50 -0.5
0.6s 24.00nm 5.4mb
eS 00 41.00
MTMJ 10.60 231 P 58 50.70 -0.1
IIDJ 11.35 227 eP 59 01.30 0.5
TSRJ 12.38 233 P 59 15.50 1.0
TKSJ 14.60 233 P 59 43.20 -0.4
YAK 21.29 336 eP 00 56.00 -5.7X
0.9s 82.00nm 5.1mb
eS 04 42.00
ILT 29.90 25 eP 02 19.80 -2.4
SVW 37.13 42 ePc 03 25.90 1.2
1.0s 8.70nm 4.6mb
BRW 38.25 25 eP 03 33.44 -0.4
IMA 38.34 34 eP 03 34.99 0.1
0.6s 9.99nm 4.9mb
SLKM 39.78 43 eP 03 46.22 -0.6
PWA 39.89 41 eP 03 49.10 1.5
1.1s 16.40nm 4.8mb
PMS 40.06 42 ePc 03 48.90 -0.2
0.4s 8.90nm 5.0mb
FBA 40.73 36 eP 03 54.91 0.4
0.7s 1.61nm 4.0mb
TOA 41.61 40 eP 04 01.70 -0.1
0.7s 13.80nm 4.9mb
INK 46.10 30 eP 04 38.50 0.7
0.8s 7.00nm 4.6mb
MBC 48.64 19 eP 04 57.00 -0.6
BRVK 50.10 310 iPd 05 08.00 -1.0
1.0s 13.00nm 4.9mb
RES 54.81 17 eP 05 43.00 -1.0
0.8s 10.00nm 4.9mb
LVZ 58.11 336 eP 06 05.40 -2.2
WRA 64.58 194 P 06 52.50 1.0
0.8s 1.40nm 4.0mb
KAF 64.65 334 iP 06 49.80 -1.7
0.5s 8.60nm 5.0mb
OBN 65.74 324 iPd 06 57.50 -1.1
NUR 66.38 333 iP 07 00.60 -2.0
0.5s 8.50nm 5.0mb
FRB 69.03 17 eP 07 18.00 -1.1
0.5s 3.00nm 4.5mb
UPP 69.09 336 iP 07 17.80 -1.7
DUG 69.23 54 eP 07 21.62 0.7
1.0s 3.12nm 4.2mb
BW06 69.42 50 eP 07 22.20 0.0
0.6s 1.30nm 4.0mb
NB2 69.88 339 P 07 23.20 -1.3
0.5s 10.20nm 5.0mb
HFS 69.99 338 eP 07 22.50 -2.5X
0.4s 15.00nm 5.2mb
KIV 70.29 312 eP 07 27.80 0.5
0.8s 17.00nm 5.0mb
SRU 71.27 54 eP 07 33.55 0.1
e 07 53.70
PV10 72.63 53 eP 07 41.89 0.3
epP 08 01.71 74kmX
esP 08 15.15
PRU 78.26 331 P 08 12.80 -0.1
MOX 78.68 333 eP 08 15.20 -0.1
WTS 78.97 337 eP 08 17.00 0.3
0.7s 6.20nm 4.6mb
KHC 79.32 332 iP 08 19.50 0.7
e 08 37.50
e 08 57.50
GEC2 79.52 331 P 08 19.40 -0.5
0.7s 1.83nm 4.1mb
e 08 21.90
GRF 79.63 333 iPc 08 20.90 0.5
1.1s 10.60nm 4.7mb
e(pP) 08 23.20 7kmX
ENN 80.31 337 eP 08 24.00 0.0
0.7s 5.30nm 4.6mb
CDF 82.01 335 eP 08 33.00 0.0
0.9s 5.55nm 4.5mb
LTX 82.11 57 eP 08 34.35 0.4
epP 08 55.52 78kmX
HAU 82.66 335 eP 08 36.20 -0.1
BSF 82.67 335 eP 08 36.80 0.3
0.8s 2.95nm 4.3mb
FLN 83.87 340 eP 08 42.50 0.0
LOR 84.06 336 eP 08 43.50 0.0
0.7s 3.75nm 4.5mb
LBF 84.28 336 eP 08 44.60 0.0
GRR 84.31 340 eP 08 45.20 0.5
0.8s 8.60nm 4.8mb
SSF 84.35 337 eP 08 45.10 0.2
0.7s 3.10nm 4.5mb
SMF 84.63 336 eP 08 46.60 0.3
0.7s 5.50nm 4.7mb
AVF 84.64 337 eP 08 46.70 0.3
LPF 84.68 340 eP 08 47.30 0.7
0.8s 10.90nm 5.0mb
LPG 84.76 334 eP 08 48.00 0.6
0.8s 4.05nm 4.5mb
BGF 84.99 337 eP 08 48.80 0.6
0.8s 5.10nm 4.6mb
MAF 85.38 337 eP 08 51.10 1.0
0.7s 6.70nm 4.8mb
TCF 85.42 337 eP 08 50.90 0.5
0.7s 3.30nm 4.5mb
LSF 85.65 337 eP 08 52.10 0.6
0.6s 2.80nm 4.5mb
MFF 85.78 339 eP 08 52.80 0.7
1.0s 18.40nm 5.1mb
CAF 86.71 337 eP 08 57.90 1.2
0.7s 5.30nm 4.8mb
LFF 87.07 337 eP 08 59.70 1.3
LPO 87.18 337 eP 09 00.20 1.2
S.D. = 1.0 on 69 of 73 obs.

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* JUN 26, 1994 03h 19m 38.11± 0.92s
9.053 S ±10.0km 118.718 E ±12.7km
DEPTH = 33.0km (normal)
4.0mb (2 obs.)
SUMBAWA REGION, INDONESIA (285)

KHKI 3.15 282 ePd 20 27.00 0.5
eS 21 04.50
e 25 54.00
MKS 3.88 11 iPd 20 36.30 -0.6
MBL 12.08 175 eP 22 29.00 -2.0
iS 24 43.50
NANU 13.78 192 eP 22 54.00 0.6
eS 25 18.00
WB2 18.59 127 eP 23 55.10 0.3
1.1s 5.50nm 3.7mb
i 24 07.70
eS 27 08.60
ASPA 20.55 137 eP 24 18.00 1.3
0.6s 10.60nm 4.4mb
eS 28 06.90
MOCB 149.58 172 PKP 39 29.70 7.2X
ITR 151.16 233 ePKP 39 31.20 6.7X
LPAZ 153.93 165 PKP 39 19.10 -10.0X
S.D. = 1.5 on 6 of 9 obs.

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* JUN 26, 1994 04h 22m 53.35± 1.41s
75.895 N ±10.0km 10.933 E ±24.0km
DEPTH = 5.0km (geophysicist)
SVALBARD REGION (643)
ML 2.6 (NAO).

SPA0 2.60 25 Pn 23 37.15 0.4
Lg 24 12.28
ARA0 7.69 139 Pn 24 48.32 -0.3
Sn 26 15.89
KAF 14.81 151 iP 26 24.70 -0.1
0.7s 3.50nm 4.0mb
NRA0 15.23 179 Pn 26 31.76 1.3
FIA0 15.43 152 Pn 26 32.97 0.0
HFS 15.87 175 eP 26 40.10 1.5
0.4s 0.60nm 3.1mb
MOX 25.35 179 e(P) 28 20.70 -1.5
GEC2 27.17 176 P 28 38.00 -1.2
1.0s 0.86nm 3.4mb
e 28 41.40
e 28 44.20
S.D. = 1.3 on 8 of 8 obs.

% JUN 26, 1994 05h 44m 09.29± 0.95s
39.251 N ± 7.1km 29.096 E ±16.4km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

KHL 0.98 160 iPg 44 28.50 0.0
eSg 44 41.50
IZI 1.12 15 iPg 44 30.40 -0.4
iSg 44 44.90
YLV 1.33 9 ePn 44 34.50 0.1
EDC 1.45 319 ePn 44 36.00 -0.2
ISK 1.81 359 ePn 44 41.90 0.5
S.D. = 0.5 on 5 of 5 obs.

JUN 26, 1994 06h 14m 36.28± 0.33s
10.770 S ± 7.0km 113.311 E ± 7.7km
DEPTH = 33.0km (normal)
5.0mb (18 obs.) 4.5Msz (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.29 44 ePd 15 27.20 0.4
eS 16 06.00
e 21 05.50
LEM 6.86 304 iPd 16 17.30 0.0
iS 17 33.00
MKS 8.22 48 ePc 17 14.00 37.7X
NANU 11.92 170 eP 17 19.00 -7.9X
eS 19 18.00
MBL 12.08 150 eP 17 20.30 -8.8X
iS 19 20.00
KGM 16.13 321 eP 18 28.00 5.7X
IPM 19.55 321 ePc 19 05.10 0.7
0.7s 30.20nm 4.7mb
WARB 19.84 142 eP 19 04.50 -3.0
iS 22 30.00
DAV 21.53 35 eP 19 25.40 0.5
SNG 21.85 324 eP 19 28.00 0.0
WB2 22.22 117 ePc 19 30.60 -1.2
0.6s 80.40nm 5.3mb
i 19 33.10
iS 23 23.50
ASPA 23.44 126 iPc 19 43.60 -0.1
0.5s 101.70nm 5.6mb

26d 06h

```
                 iS     23 55.70
RKG     23.93 172 eP    20 03.00  14.7X
                 eS     24 10.00
NST     29.33 333 eP    20 40.00   1.6
LOE     30.24 338 eP    20 46.50   0.0
CHTO    32.63 334 ePc   21 05.80  -1.7
        1.2s    17.71nm          4.8mb
KMI     37.13 344 Pc    21 48.80   2.7X
        1.3s    50.00nm          5.2mb
     Z  20s     1.00um           4.6Msz
     E  14s     0.50um
                 eS     27 33.00
TOO     39.33 138 eP    22 04.80   0.6
        0.6s     9.00nm          4.7mb
                 i      24 13.80
ARMA    40.58 125 eP    22 16.20   1.5
SSE     42.31  10 P     22 29.50   0.9
        1.0s    12.00nm          4.6mb
     Z  24s     0.40um           4.2MszX
                 eS     28 44.00
GBA     43.05 303 Pd    22 34.30  -0.6
        1.0s     8.00nm          4.4mb
LZH     47.45 350 eP    23 10.60   0.6
        2.0s    43.00nm          5.1mb
     Z  20s     0.65um           4.6Msz
     E  15s     0.48um
                 pP     23 17.00  21kmX
                 sP     23 21.60
                 PP     25 10.00
TKSJ    48.68  23 P     23 18.40  -1.0
WKYJ    49.50  24 P     23 24.80  -1.0
YONJ    49.53  22 P     23 24.60  -1.3
BJI     50.62   3 eP    23 33.00  -1.1
        1.3s    12.00nm          4.7mb
     Z  22s     0.37um           4.4Msz
IIDJ    51.54  26 eP    23 42.20   0.9
NOUC    51.83 110 iP    23 44.00   0.3
DZM     51.96 110 iPc   23 45.30   0.5
MTMJ    52.44  25 eP    23 46.10  -2.1
NDI     52.48 319 ePc   23 47.00  -1.5
        1.1s    31.65nm          5.2mb
CHJJ    52.49  26 eP    23 45.00  -3.4X
MAT     52.57  25 eP    23 46.00  -3.1X
                 eS     31 16.00
ASAJ    60.78  24 eP    24 46.20  -1.1
CIT     62.51   0 eP    24 59.00   0.1
YSS     63.23  22 eP    25 02.10  -1.6
BOD     68.38   1 eP    25 34.60  -1.8
MAIO    68.95 316 eP    25 40.00  -0.6
ASH     70.59 317 eP    25 51.00   0.6
BRVK    73.41 335 eP    26 05.00  -1.9
        1.5s    34.00nm          5.1mb
     Z  20s     0.10um           4.1Msz
     N  16s     0.07um
     E  20s     0.09um
                 eS     35 31.00
YAK     73.69   8 iPd   26 07.50  -0.8
                 i      26 18.00
SYO     74.22 201 ePd   26 09.00  -2.3
SPA     79.30 180 iPd   26 39.70  -0.3
        1.0s     2.00nm          4.1mb
SVE     80.06 334 iPd   26 45.00   1.0
        1.9s    60.00nm          5.3mb
                 e      26 56.00
SLR     80.97 245 eP    26 48.10  -1.6
        1.1s    31.65nm          5.2mb
KIV     83.86 317 eP    26 59.70  -4.5X
        1.4s    15.00nm          5.0mb
                 e      27 06.60
OBN     91.27 326 eP    27 41.00   1.6
        1.4s    35.00nm          5.5mb
                 e      27 52.00
ILT     91.86  21 iPc   27 43.00   1.1
        1.4s    13.00nm          5.2mb
RMW    121.18  41 ePKP  33 28.18   0.6
DUG    129.87  46 ePKP  33 47.01   2.4X
MSU    130.96  48 ePKP  33 50.02   3.2X
PV10   133.28  47 ePKP  33 51.79   0.5
RSSD   133.74  37 ePKP  33 51.92   0.0
LTX    140.89  56 ePKP  33 59.56  -5.9X
WMOK   142.27  46 ePKP  34 03.59  -4.1X
TUL    143.65  42 iPKPc 34 08.70  -1.3
GAC    144.39  11 ePKP  34 10.00  -0.9
LMN    145.00 358 ePKP  34 12.50   0.5
        1.0s    17.00nm
ELF    145.28  19 PKP   34 13.70   1.2
ACTO   145.29  17 PKP   34 13.65   1.1
WLVO   145.45  15 PKP   34 14.00   1.3
LDN    145.46  19 PKP   34 14.10   1.3
DLA    145.50  19 PKP   34 14.50   1.6
FVM    145.54  34 ePKP  34 13.19   0.1
TYNO   145.81  17 PKP   34 15.03   1.6
ITR    145.83 236 ePKP  34 15.20   0.9
                  e     34 15.60
STCO   145.91  16 PKP   34 15.37   1.8
MIAR   145.92  42 ePKPd 34 15.55   1.7
                  e     34 27.51
BINY   147.65  13 ePKP  34 16.38  -0.1
                  ePKPbc34 20.24
BAO    147.89 216 ePKP  34 21.00   3.3X
MOCB   148.16 182 PKP   34 20.70   2.3X
MCWV   148.94  20 ePKP  34 23.68   5.1X
CVL    150.92  19 ePKP  34 28.21   6.7X
GOGA   152.71  32 ePKP  34 32.75   8.5X
PRM    152.72  29 ePKP  34 33.13   8.8X
LPB    152.84 177 ePKP  34 29.00   3.5X
                  i     34 35.30
JSC    153.07  27 ePKP  34 33.27   8.5X
LPAZ   153.08 177 PKP   34 27.30   1.2
LHS    153.11  26 ePKP  34 33.75   8.9X
      S.D. = 1.2  on  57 of  79 obs.
```

% JUN 26, 1994 08h 07m 18.42± 0.82s
26.391 S ±11.3km 27.412 E ±10.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.5 (PRE).

```
SLR     1.02  50 eP     07 38.00  -0.3
                 S      07 51.00
SEK     1.93 174 iPd    07 52.50   0.1
                 S      08 16.30
SWZ     2.02 247 eP     07 53.80   0.1
                 S      08 18.60
BFT     2.47  74 eP     08 00.50   0.3
                 S      08 29.00
BOSA    2.84 218 eP     08 05.50   0.3
                 S      08 38.80
BLF     2.92 202 eP     08 06.00  -0.5
                 S      08 38.50
      S.D. = 0.4  on   6 of   6 obs.
```

& JUN 26, 1994 08h 30m 35.37s
37.918 N 122.290 W
DEPTH = 6.6km
CENTRAL CALIFORNIA (39)
<GM-P>. MD 3.1 (GM). ML 3.1 (BRK). Felt throughout the northeastern San Francisco Bay area including Albany, Berkeley, El Cerrito, Kensington, Oakland, Richmond and San Pablo.

```
BRK     0.05 152 iPd    30 36.70  -0.3
                 iS     30 37.91
BKS     0.06 133 ePd    30 37.05  -0.1
                 iS     30 38.54
CVPM    0.06 122 P      30 37.27   0.0
CYBM    0.12 208 P      30 38.27   0.3
CMCM    0.16 146 P      30 39.10   0.2
CSVM    0.23 103 P      30 41.25   1.1
CSLM    0.24 145 P      30 40.50   0.3
SNT     0.29 334 P      30 42.24   0.9
CGPM    0.35 141 P      30 42.88   0.4
GVR     0.37   9 P      30 43.64   0.8
MTC     0.40 105 P      30 44.45   1.0
DOO     0.41 117 P      30 44.84   1.3
JEGM    0.43 199 iPd    30 43.90  -0.1
HMR     0.45  58 eP     30 45.90   1.4
CVAL    0.52 125 P      30 46.65   0.9
STAN    0.52 170 iPd    30 46.09   0.2
                 iS     30 56.44
NTYM    0.55 328 eP     30 46.67   0.2
NPRM    0.58 278 P      30 46.66  -0.3
NFIM    0.60 249 P      30 47.25  -0.2
LT3     0.66 175 P      30 48.75   0.2
MAC     0.72 332 P      30 49.93   0.2
PSD     0.72 184 P      30 49.59  -0.2
MHC     0.77 138 ePd    30 50.49  -0.3
                 eS     31 03.25
SOS     0.80 159 P      30 50.95  -0.3
JNAM    0.82 154 P      30 51.50  -0.1
COE     0.82 143 iPd    30 51.82   0.2
ARN     0.83 133 eP     30 51.57  -0.2
JHLM    0.89 156 P      30 52.18  -0.6
NDHM    0.90  19 P      30 53.47   0.6
FTR     0.91 312 P      30 52.60  -0.6
ADR     0.92 145 P      30 53.20  -0.1
EUC     0.95 156 P      30 53.70   0.0
SKG     0.97 324 P      30 53.75  -0.3
JBZM    0.98 156 P      30 54.45   0.1
PEV     1.01 159 P      30 55.08   0.3
GCVM    1.02 326 P      30 55.82   0.8
CBC     1.11 153 P      30 56.84   0.4
GDCM    1.13 319 P      30 56.63  -0.3
DIL     1.20 154 P      30 56.32  -1.7
HERM    1.21 157 P      30 59.06   0.9
SAO     1.33 149 ePn    30 58.11  -2.2
GGUM    1.33 315 P      30 59.00  -1.3
HJSM    1.35 144 P      30 59.31  -1.3
BSLM    1.36 146 P      31 00.08  -0.7
AVRM    1.37  36 P      30 58.52  -2.3
BSRM    1.39 154 P      30 58.99  -2.3
CMB     1.51  85 ePc    31 01.59  -1.4
                 iS     31 20.98
BPRM    1.57 163 P      31 01.74  -2.1
ORV     1.75  20 eP     31 04.78  -1.6
                 eS     31 25.66
GCBM    1.75 327 P      31 05.49  -0.9
BAPM    1.81 163 P      31 09.40   2.0
FRI     2.25 113 iP     31 12.23  -1.4
                 iS     31 40.14
PKEM    2.55 136 (P)    31 19.22   1.4
PHAM    2.57 143 eP     31 17.64  -0.6
KMPM    2.87 331 (P)    31 22.12  -0.4
BONR    3.15  88 (P)    31 26.29  -0.4
LBFM    3.44   5 (P)    31 33.39   2.7
KVN     3.48  70 (P)    31 33.81   2.6
TNP     4.01  86 ePn    31 36.13  -2.7
TPNV    4.90 100 ePn    31 48.17  -3.3
GSC     5.13 119 (P)    31 54.25  -0.3
        61 obs. associated
```

& JUN 26, 1994 08h 35m 07.54s
37.915 N 122.289 W
DEPTH = 5.7km
CENTRAL CALIFORNIA (39)
<GM-P>. MD 2.2 (GM). ML 2.3 (BRK). Felt at Berkeley, El Cerrito and Kensington.

```
BRK     0.05 151 iPd    35 08.84  -0.2
                 iS     35 09.96
BKS     0.06 132 iPd    35 09.16   0.0
                 eS     35 10.56
STAN    0.52 170 ePd    35 18.17   0.2
                 eS     35 26.95
MHC     0.77 138 iPc    35 22.87  -0.1
                 iS     35 35.35
ARN     0.82 133 eP     35 23.45  -0.5
CMB     1.51  85 eP     35 34.49  -0.7
        6 obs. associated
```

& JUN 26, 1994 08h 42m 50.24s
37.917 N 122.289 W
DEPTH = 7.4km
CENTRAL CALIFORNIA (39)
<GM-P>. MD 4.1 (GM). ML 4.2 (BRK). Slight damage (VI) at El Sobrante and Richmond. Felt (IV) at Berkeley, San Francisco and San Lorenzo. Felt (III) at San Anselmo. Felt throughout the San Francisco Bay area from Santa Rosa to San Jose and east to Concord.

```
CSPM    0.04 337 P      42 51.84  -0.1
BRK     0.05 152 iPd    42 51.56  -0.4
                 iS     42 52.71
BKS     0.06 133 ePd    42 51.93  -0.2
                 iS     42 53.38
AGC     0.12 243 P      42 53.29   0.3
BGC     0.21 119 P      42 55.20   0.6
CSVM    0.23 103 P      42 56.11   1.0
JCPM    0.33 185 P      42 57.16   0.2
CCYM    0.40 157 P      42 58.31   0.0
DOO     0.40 117 P      42 59.70   1.3
JEGM    0.43 199 iPd    42 58.80   0.0
HMR     0.45  58 iPc    43 00.73   1.4
```

MSJ 0.52 140 P 43 00.87 0.2
STAN 0.52 170 ePd 43 00.95 0.2
eS 43 08.86
NTYM 0.56 328 iPc 43 01.21 -0.2
NPRM 0.58 278 P 43 01.54 -0.4
CVR 0.61 140 P 43 02.49 0.1
SEC 0.64 168 P 43 03.07 -0.1
CSTL 0.69 114 P 43 04.36 0.4
MHC 0.77 138 ePd 43 05.35 -0.3
iS 43 18.11
LT15 0.78 164 P 43 05.69 -0.1
COE 0.82 143 eP 43 06.61 0.2
ARN 0.83 133 iPd 43 06.17 -0.3
COSM 0.83 119 P 43 06.71 0.1
GAXM 0.87 335 P 43 06.75 -0.5
NMTM 0.90 352 P 43 07.53 -0.1
CBO 0.93 149 P 43 07.95 -0.4
GGPM 0.95 333 P 43 08.85 0.2
JRRM 0.97 152 P 43 08.14 -0.8
PEV 1.01 159 P 43 08.80 -0.7
GARM 1.04 2 P 43 10.47 0.4
CDC 1.10 144 P 43 10.85 -0.2
PCL 1.17 137 P 43 11.84 -0.5
OCR 1.18 148 P 43 11.27 -1.1
ADWM 1.25 65 P 43 13.03 -0.7
APRM 1.28 41 P 43 12.28 -1.9
MCUM 1.32 87 P 43 13.34 -1.6
SAO 1.33 149 eP 43 13.32 -1.8
eS 43 34.71
GGUM 1.34 315 P 43 13.57 -1.6
HJSM 1.35 144 P 43 13.93 -1.5
BCGM 1.42 148 P 43 14.84 -1.6
MRFM 1.43 76 P 43 15.47 -1.2
CMB 1.51 85 ePc 43 16.49 -1.2
iS 43 35.94
GNAM 1.66 321 P 43 18.17 -1.6
SHG 1.71 151 P 43 18.67 -1.9
ORV 1.75 20 ePd 43 18.45 -2.7
iS 43 40.93
GCBM 1.75 327 P 43 20.01 -1.2
KSPM 1.86 330 P 43 21.71 -1.1
PJLM 2.04 153 P 43 23.23 -2.1
MOP 2.08 144 P 43 25.20 -0.7
PRCM 2.13 141 P 43 25.63 -1.0
PSAM 2.20 149 P 43 26.18 -1.4
PRI 2.20 143 iPd 43 26.45 -1.3
PTV 2.20 145 P 43 26.55 -1.1
PDRM 2.20 135 P 43 26.79 -0.9
FRI 2.25 113 iP 43 27.24 -1.2
iS 43 54.28
PARM 2.28 136 P 43 28.56 -0.3
PSMM 2.29 143 P 43 28.19 -0.9
PCRM 2.35 140 P 43 29.15 -0.7
PANM 2.40 152 P 43 29.29 -1.3
PHBM 2.43 133 P 43 30.54 -0.3
PSTM 2.44 144 P 43 29.54 -1.6
MIN 2.48 12 ePc 43 30.64 -1.2
CTM 2.52 141 P 43 31.30 -1.1
WKR 2.54 145 P 43 31.12 -1.4
PADM 2.54 153 P 43 30.84 -1.7
PKEM 2.54 136 eP 43 32.04 -0.5
PHAM 2.57 143 eP 43 31.01 -2.0
MMPM 2.60 96 eP 43 33.89 0.2
WDC 2.67 356 eP 43 31.55 -2.8
LMEM 2.68 12 eP 43 34.41 -0.2
PMRM 2.69 142 P 43 32.04 -2.7
PAGM 2.73 142 P 43 33.97 -1.2
PTRM 2.81 143 P 43 35.56 -0.8
KMPM 2.87 331 eP 43 37.38 0.0
MRCM 3.01 94 eP 43 40.23 0.9
MTUM 3.01 100 eP 43 39.96 0.6
YEG 3.10 142 P 43 39.40 -1.2
BONR 3.15 88 eP 43 41.48 0.0
BCH 3.25 146 eP 43 40.33 -2.4
ARC 3.26 335 ePc 43 55.36 12.6
LBFM 3.44 5 eP 43 45.68 0.2
KVN 3.48 70 eP 43 45.99 0.0
ISA 3.80 125 ePn 43 49.49 -1.0
YBH 3.82 355 ePc 43 51.91 1.1
eS 44 37.74
ABL 3.94 140 eP 43 50.06 -2.5
TNP 4.01 86 ePn 43 53.51 0.0
TPNV 4.90 100 ePn 44 07.11 0.9
ePg 44 13.85
GSC 5.13 119 eP 44 07.59 -1.7
SSK 5.25 133 eP 44 08.97 -2.1
eS 45 09.22
CSP 5.38 131 eP 44 10.56 -2.4
PEC 5.78 132 eP 44 15.75 -2.8
ELK 6.15 60 eP 44 24.73 0.8
PLM 6.34 134 eP 44 23.43 -3.2
ARUT 7.00 88 ePn 44 35.81 0.0
DUG 7.72 70 ePn 44 46.32 0.5
MSU 7.99 83 eP 44 51.12 1.4
LON 8.83 2 eP 45 03.44 2.2
SRU 9.30 79 ePn 45 08.78 0.9
PV09 10.37 83 (P) 45 24.07 1.3
PV10 10.45 83 (P) 45 23.44 -0.3
LRM 10.77 40 eP 45 32.70 4.6
RSSD 15.10 60 P 46 38.20 12.5
LTX 17.69 113 eP 47 00.68 1.9
103 obs. associated

% JUN 26, 1994 08h 46m 49.52± 0.99s
39.216 N ± 8.3km 29.020 E ±15.2km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

KHL 0.97 156 ePg 47 08.50 -0.1
eSg 47 22.50
KCT 1.15 334 ePn 47 10.80 -0.7
IZI 1.17 17 iPn 47 12.40 0.5
YLV 1.38 11 ePn 47 15.00 -0.4
EDC 1.44 322 ePn 47 17.00 0.7
S.D. = 0.8 on 5 of 5 obs.

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* JUN 26, 1994 10h 17m 40.92± 0.69s
40.005 N ±10.6km 77.082 E ±22.3km
DEPTH = 33.0km (normal)
4.0mb (6 obs.)
KYRGYZSTAN-XINJIANG BORDER REG. (320)

NDI 11.29 179 iPd 20 22.50 -0.5
0.6s 20.00nm 5.5mb X
eS 22 30.80
GBA 26.30 179 P 23 15.00 -0.3
HFS 43.40 319 eP 25 41.30 -0.4
0.4s 1.00nm 3.9mb
NB2 44.59 321 P 25 51.30 0.0
0.7s 1.50nm 4.0mb
GEC2 44.92 303 P 25 55.40 1.1
0.6s 1.28nm 4.0mb
e 25 58.80
MBC 63.55 4 eP 28 09.50 -0.3
0.6s 4.00nm 4.7mb
YKA 77.42 6 eP 29 32.80 -1.0
0.7s 2.50nm 4.4mb
WRA 79.99 127 P 29 50.00 1.5
0.8s 0.50nm 3.6mb
S.D. = 1.0 on 8 of 8 obs.

JUN 26, 1994 11h 11m 21.07± 0.55s
41.900 N ± 4.9km 20.108 E ± 5.2km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.2 (TTG), 1.8 (TIR).

PHP 0.33 131 iPgc 11 27.10 -0.8
iSg 11 32.60
LACI 0.40 229 ePg 11 29.60 0.4
iSg 11 36.90
SDA 0.48 289 ePg 11 31.80 1.0
iSg 12 29.40
ULC 0.64 276 iPgc 11 33.16 -0.8
iSg 11 43.06
PVY 0.70 352 iPd 11 34.60 -0.4
iSg 11 46.30
TTG 0.82 310 iPgc 11 36.18 -0.8
iSg 11 50.23
OHR 0.94 146 ePn 11 39.70 0.6
eSg 11 51.50
IVA 0.98 351 iPgd 11 39.76 0.0
iSg 11 55.13
BDV 1.03 292 iPgd 11 40.00 -0.5
iSg 11 56.53
NKY 1.23 318 iPgc 11 43.85 -0.1
iSg 12 03.50
HCY 1.32 295 iPc 11 44.90 -0.5
iSg 12 05.78
PLE 1.52 340 iPnc 11 49.88 1.4
iSn 12 12.33
BRY 1.53 311 ePn 11 49.11 0.5
iSn 12 12.53
S.D. = 0.8 on 13 of 13 obs.

JUN 26, 1994 11h 26m 34.27± 1.15s
41.441 N ± 8.7km 81.318 E ± 6.1km
DEPTH = 52.3 ± 12.4 km
4.5mb (19 obs.)
SOUTHERN XINJIANG, CHINA (321)

AAA 3.72 301 ePn+ 27 31.40 0.7
i 27 37.50
e 28 13.00
i 28 19.00
NDI 13.16 196 eP 29 41.00 0.5
eS 32 03.00
BRVK 13.81 331 eP 29 45.00 -3.8X
1.1s 18.00nm 4.7mb
Z 12s 0.27um 5.1MszX
N 12s 0.29um
E 12s 0.17um
eS 32 14.00
MOY 16.91 46 eP 30 30.10 1.5
ZAK 17.65 52 eP 30 37.00 -0.8
1.4s 23.00nm 4.1mb
MAIO 17.74 260 eP 30 37.00 -2.1
ASH 18.01 266 eP 30 45.00 2.7X
LZH 18.34 100 eP 30 46.00 -0.6
2.0s 43.00nm 4.3mb
Z 12s 0.38um 4.6Msz
SVE 20.36 326 iPc 31 07.90 -0.8
1.5s 40.00nm 4.5mb
BOD 26.51 41 eP 32 08.10 -0.2
KAF 38.32 322 iP 33 46.20 -4.9X
0.5s 2.50nm 4.4mb
NUR 38.98 319 iP 33 51.30 -5.4X
0.4s 4.00nm 4.6mb
HFS 44.43 319 eP 34 40.80 -0.5
0.4s 2.20nm 4.2mb
NB2 45.53 320 P 34 49.90 -0.2
0.7s 4.80nm 4.5mb
CLL 46.56 307 iPd 34 55.00 -3.2X
1.3s 11.00nm 4.6mb
GEC2 46.83 303 P 35 02.00 1.4
0.6s 0.70nm 3.8mb
e 35 06.10
e 35 12.00
e 35 17.10
MOX 47.59 306 eP 35 06.90 0.5
GRF 48.12 305 eP 35 09.10 -1.5
Z 24s 0.10um 3.7MszX
CDF 50.99 304 eP 35 33.00 0.3
BSF 51.51 304 eP 35 36.80 0.1
1.2s 9.20nm 4.7mb
LPG 52.45 301 eP 35 44.80 0.8
1.1s 11.50nm 4.8mb
LPL 52.46 301 eP 35 44.60 0.6
SMF 53.83 304 eP 35 53.60 -0.2
1.1s 7.55nm 4.6mb
AVF 54.07 304 eP 35 55.50 0.0
0.8s 5.10nm 4.6mb
MBC 61.85 6 eP 36 49.00 -0.7
0.5s 3.00nm 4.7mb
BCAO 66.83 255 ePd 37 24.00 1.1
0.7s 3.00nm 4.4mb
INK 67.50 13 eP 37 26.50 0.1
WRA 78.35 130 P 38 34.20 3.6X
0.9s 3.40nm 4.3mb
WB2 78.36 130 eP 38 26.10 -4.6X
0.2s 2.80nm 4.9mb
i 38 34.10
ASPA 81.04 133 eP 38 47.70 2.7X
1.8s 8.00nm 4.4mb
S.D. = 1.0 on 22 of 30 obs.

% JUN 26, 1994 11h 47m 22.51± 0.58s
42.892 N ± 4.8km 19.018 E ± 4.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

NKY 0.08 190 iPgc 47 25.05 0.0
iSg 47 27.30
BRY 0.35 272 iPgc 47 29.61 -0.1
iSg 47 35.55
TTG 0.50 159 iPgc 47 32.35 -0.2
iSg 47 40.11
PLE 0.52 32 iPgc 47 33.16 0.1
iSg 47 40.98

26d 11h

HCY 0.59 221 iPgd 47 34.55 0.2
iSg 47 43.11
BDV 0.62 193 iPgc 47 34.86 -0.2
iSg 47 44.38
IVA 0.65 92 iPgc 47 35.35 -0.2
iSg 47 45.21
PVY 0.76 113 iPgc 47 37.51 0.0
iSg 47 48.91
ULC 0.94 169 iPgd 47 41.05 0.5
iSg 47 54.98
S.D. = 0.3 on 9 of 9 obs.

JUN 26, 1994 11h 55m 44.11± 0.79s
22.270 N ± 8.7km 108.159 W ± 8.5km
DEPTH = 33.0km (normal)
4.4mb (12 obs.)
OFF COAST OF CENTRAL MEXICO (51)

CGX 5.08 119 (P) 57 02.00 1.9
MRX 6.99 110 (P) 57 32.50 5.6X
LTX 8.11 29 eP 57 40.26 -2.4
UNM 8.89 108 (P) 58 00.00 6.4X
TUC 10.27 347 eP 58 11.45 -0.9
0.9s 20.60nm 5.4mb
OXX 11.94 114 (P) 58 39.00 3.7X
ALQ 12.71 6 eP 58 46.50 1.0
1.3s 32.12nm 5.3mb
WMOK 14.90 31 eP 59 13.51 -0.5
0.9s 17.85nm 4.4mb
GSC 15.02 332 eP 59 14.40 -1.4
MEO 15.03 32 iPc 59 15.10 -0.7
PV10 16.07 358 eP 59 29.04 -0.4
ARUT 16.12 345 eP 59 31.61 1.6
TPNV 16.22 336 eP 59 30.76 -0.5
1.4s 1006.41nm 5.8mb X
PV08 16.26 359 eP 59 33.77 1.8
ACO 16.37 27 iPc 59 31.60 -1.4
MSU 16.55 349 eP 59 37.34 1.8
SRU 16.91 354 eP 59 40.55 0.6
SIO 16.94 35 iPd 59 44.60 4.4X
TUL 17.34 36 iPd 59 47.60 2.4
GLD 17.60 8 eP 59 51.36 2.7X
2.0s 162.21nm 4.8mb
EMUT 17.63 353 eP 59 49.85 0.7
MIAR 17.70 43 eP 59 49.28 -0.4
1.4s 21.82nm 4.1mb
DAU 18.28 352 eP 59 57.18 0.0
DUG 18.30 349 eP 59 56.34 -0.9
1.8s 62.26nm 4.5mb
SAO 18.47 324 eP 00 06.78 7.6X
Z 18s 0.50um
eS 03 26.78
eLQ 04 05.78
eLR 04 30.78
KVN 18.76 335 eP 00 04.03 1.0
STAN 19.34 324 eP 00 21.84 12.2X
Z 18s 0.50um
iS 03 57.84
HVU 19.84 350 eP 00 14.19 -1.0
BW06 20.48 357 eP 00 20.51 -1.6
1.0s 10.46nm 4.2mb
ORV 20.64 330 eP 00 24.28 0.8
PTI 20.84 351 eP 00 25.97 0.3
HHAI 21.26 351 eP 00 30.04 0.2
FVM 21.86 40 eP 00 36.61 0.8
1.3s 41.49nm 4.7mb
RSSD 22.06 8 eP 00 37.96 0.0
0.8s 7.66nm 4.2mb
LBFM 22.26 332 eP 00 40.06 0.1
LRM 23.75 353 eP 00 55.10 0.5
SHW 26.47 338 eP 01 22.12 2.0
LON 26.81 339 eP 01 22.02 -1.1
NEW 26.91 347 eP 01 23.90 -0.2
1.0s 5.62nm 4.1mb
GMW 27.83 339 eP 01 30.90 -1.5
ULM 29.55 16 eP 01 50.50 2.7X
JAQ 39.91 30 eP 03 16.00 -0.5
INK 48.63 348 eP 04 25.50 -0.8
1.0s 2.00nm 4.1mb
MBC 54.32 357 eP 05 09.00 -0.1
LPAZ 54.82 131 P 05 12.40 -1.9
LPB 55.01 131 P 05 11.00 -4.4X
NB2 83.80 25 P 08 12.10 0.8
1.0s 3.20nm 4.4mb
WRA 122.02 260 PKP 14 37.20 -0.3
0.9s 0.60nm
S.D. = 1.2 on 39 of 48 obs.

? JUN 26, 1994 14h 55m 18.82± 6.50s
31.954 S ±49.2km 71.568 W ±18.0km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.1 (SAN).

JACH 1.10 132 iPd 55 39.64 0.1
iS 55 54.23
ROCH 1.12 155 iP+ 55 39.89 -0.1
iS 55 54.75
PEL 1.40 148 iPd 55 44.29 -0.2
iS 56 02.22
LCCH 1.52 180 iP+ 55 46.23 0.2
iS 56 04.48
SAN 1.68 153 iP 55 48.03 -0.4
iS 56 09.77
FCH 1.74 142 iPd 55 49.40 -0.2
iS 56 12.38
TACH 1.78 163 iP+ 55 49.73 -0.1
iS 56 12.15
PCH 1.88 152 iP 55 51.31 -0.1
iS 56 15.70
LNV 2.00 176 iP+ 55 52.41 -0.6
iS 56 18.93
CHCH 2.12 159 iP 55 55.09 0.3
iS 56 22.04
CACH 2.31 160 iP+ 55 58.44 0.9
iS 56 28.22
S.D. = 0.4 on 11 of 11 obs.

JUN 26, 1994 15h 10m 01.04± 0.56s
37.993 N ± 4.8km 4.179 W ± 4.9km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 3.2 (MDD).

EBAN 0.35 61 iPc 10 08.37 0.0
eS 10 12.80
ELUQ 0.44 189 eP 10 09.71 -0.3
eS 10 15.90
ELOJ 0.84 179 eP 10 17.73 0.3
eS 10 30.30
EHOR 0.86 259 eP 10 16.85 -0.8
eS 10 27.80
ECOG 0.86 146 eP 10 17.95 0.2
eS 10 30.50
ERON 1.02 163 eP 10 20.35 0.0
eS 10 34.70
EGUA 1.26 157 eP 10 24.51 0.1
eS 10 42.00
EHUE 1.27 98 eP 10 25.07 0.4
eS 10 42.10
EPRU 1.32 220 eP 10 25.03 -0.5
eS 10 43.20
EVIA 1.47 63 eP 10 26.08 -1.6
eS 10 46.20
LIJA 1.47 222 iP 10 28.50 0.9
PAB 1.56 355 ePn 10 30.00 1.1
eSn 10 43.00
eSg 10 48.50
EPLA 2.54 325 eP 10 47.29 4.2X
eS 11 17.90
S.D. = 0.8 on 12 of 13 obs.

JUN 26, 1994 15h 58m 10.63± 0.64s
13.125 N ± 5.5km 143.648 E ± 7.4km
DEPTH = 144.0 ± 5.1 km
4.9mb (12 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO 1.27 69 iPc 58 37.90 0.2
eS 58 56.60
PJG 1.27 69 iPc 58 37.90 0.2
GUA 1.30 71 iPc 58 37.80 -0.2
eS 58 56.80
WKYJ 22.24 342 eP 02 56.80 0.5
TKSJ 22.53 339 P 02 57.80 -1.2
KUMJ 22.61 331 eP 03 01.80 2.0
IIDJ 22.85 348 P 03 02.20 0.0
KAKJ 23.19 353 P 03 05.80 0.4
CHJJ 23.21 350 P 03 05.50 -0.1
YONJ 23.82 339 P 03 12.10 0.6
MAT 23.82 349 iPc 03 10.70 -0.9
1.0s 23.00nm 4.6mb
MTMJ 23.94 348 P 03 12.20 -0.6
NIIJ 24.37 351 P 03 16.00 -0.7
PPR 24.64 265 ePd 03 23.00 3.6X
YAMJ 25.15 353 P 03 24.10 0.1
OFUJ 25.91 356 P 03 33.80 2.9X
WB2 34.11 196 iPd 04 42.40 -1.2
0.7s 19.70nm 5.0mb
ASPA 37.79 195 iPc 05 13.80 -0.8
0.5s 15.10nm 5.0mb
MBL 41.33 215 eP 05 43.70 -0.1
NOUC 41.46 147 iPc 05 44.70 -0.2
DZM 41.51 147 iPc 05 45.60 0.2
LZH 42.39 310 eP 05 54.00 1.4
1.5s 45.00nm 4.9mb
SNG 42.72 266 eP 05 51.80 -3.5X
SLKM 66.97 29 (P) 08 47.29 -2.3
FBA 69.15 25 eP 09 00.75 -2.2
0.5s 0.49nm 3.6mb X
KLU 69.24 29 eP 09 02.61 -1.0
INK 75.25 22 eP 09 38.00 -0.8
0.7s 3.00nm 4.1mb
MAIO 77.69 305 eP 09 54.00 0.8
MBC 79.01 14 eP 09 59.50 0.0
0.7s 1.00nm 3.7mb X
GMW 82.82 43 ePd 10 20.90 0.8
KMPM 83.30 50 (P) 10 23.29 0.6
YKA 83.81 27 eP 10 24.50 -0.2
0.4s 9.90nm 5.0mb
LBFM 84.75 49 eP 10 30.25 0.1
RES 85.27 13 eP 10 32.50 0.6
0.6s 3.00nm 4.3mb
ORV 85.45 51 eP 10 33.05 -0.4
DPW 85.77 42 iPd 10 35.07 0.2
NEW 86.36 41 ePc 10 38.11 0.3
0.8s 25.92nm 5.2mb
PHAM 87.17 54 eP 10 42.80 0.9
KVN 88.13 50 eP 10 47.32 0.7
BONR 88.26 52 ePc 10 47.81 0.3
OBN 88.83 327 eP 10 47.00 -2.4
e 13 13.00
TNP 89.05 51 eP 10 51.29 0.2
0.6s 19.01nm 5.3mb
TPNV 90.11 52 ePc 10 56.29 0.3
GSC 90.14 54 iPc 10 56.50 0.5
PEC 90.24 55 iPc 10 56.32 -0.2
0.8s 21.65nm 5.3mb
PLM 90.63 56 eP 10 58.86 0.4
KAF 90.65 335 iP 10 54.30 -3.4X
DUG 91.70 48 eP 11 03.53 0.3
0.8s 5.47nm 4.8mb
ARUT 91.99 51 eP 11 05.12 0.5
MSU 92.71 50 eP 11 08.37 0.4
BW06 93.13 45 eP 11 09.18 -0.7
0.7s 2.08nm 4.5mb
SRU 93.73 49 eP 11 12.15 -0.5
KIC 143.11 300 PKP 17 26.33 -3.7X
0.4s 2.00nm
TIC 143.20 300 PKP 17 26.33 -3.9X
0.5s 3.00nm
LIC 143.42 300 PKP 17 27.27 -3.3X
0.5s 11.50nm
LPAZ 149.12 100 PKP 17 41.60 1.0
LPB 149.14 100 PKP 17 41.00 0.6
MOCB 150.92 110 PKP 17 44.20 1.2
S.D. = 0.9 on 51 of 58 obs.

& JUN 26, 1994 16h 05m 43.31s
59.634 N 152.677 W
DEPTH = 84.8km
SOUTHERN ALASKA (2)
<AEIC>.

OPT 0.28 274 iP 05 55.57 -0.7
eS 06 04.96
AUE 0.45 232 eP 05 56.66 -0.6
eS 06 05.73
AUL 0.46 237 eP 05 56.85 -0.6
AUP 0.47 235 iP 05 56.99 -0.6
INE 0.47 336 eP 05 56.87 -0.8
AGU 0.47 235 eP 05 57.05 -0.6
eS 06 07.82
AUH 0.48 236 eP 05 57.13 -0.5
AUI 0.49 232 eP 05 56.91 -0.7
eS 06 07.03
XLV 0.52 110 eP 05 57.33 -0.5
HOM 0.53 87 eP 05 57.64 -0.3
CNPM 0.74 98 iP 05 59.33 -0.7
eS 06 11.38
PDB 0.78 282 eP 05 59.40 -1.0

eS 06 11.88
RED 0.79 357 iP 05 59.85 -0.8
eS 06 12.63
NNL 0.81 59 eP 06 00.84 0.1
RSO 0.83 357 iP 06 00.54 -0.7
eS 06 14.63
RS2 0.83 357 eP 06 00.56 -0.7
REF 0.86 359 iP 06 00.81 -0.7
eS 06 14.28
CDD 0.86 215 eP 06 00.38 -1.0
eS 06 13.60
BRLK 0.92 81 eP 06 01.12 -0.9
RDT 0.95 8 iP 06 01.57 -0.9
eS 06 15.63
DFR 0.96 360 iP 06 01.95 -0.6
eS 06 16.12
MCNL 0.96 243 eP 06 01.31 -1.2
eS 06 15.02
SYI 1.04 172 eP 06 02.77 -0.6
NKA 1.32 32 eP 06 08.47 1.6
BKG 1.46 8 eP 06 08.34 -0.4
SLKM 1.51 53 eP 06 08.55 -0.9
CKL 1.58 6 eP 06 09.94 -0.4
SPU 1.58 11 eP 06 09.79 -0.6
eS 06 30.26
CKT 1.59 8 eP 06 09.90 -0.6
CKN 1.61 9 eP 06 10.58 -0.2
BGL 1.64 5 eP 06 10.89 -0.3
CP2 1.65 7 iP 06 10.75 -0.7
CRP 1.66 9 eP 06 11.23 -0.2
eS 06 32.82
SEW 1.70 72 eP 06 12.79 1.0
MPA 1.87 61 eP 06 13.61 -0.5
KDC 1.89 177 iPd 06 12.63 -1.8
SUA 2.07 27 eP 06 16.94 0.0
SVW 2.08 317 iP 06 15.71 -1.3
PTE 2.20 54 eP 06 17.46 -1.1
PMS 2.24 42 P 06 18.60 -0.5
SKT 2.42 13 eP 06 20.83 -0.8
PWA 2.45 33 P 06 21.70 -0.3
KNK 2.75 48 eP 06 24.71 -1.4
GHO 2.83 39 eP 06 26.07 -1.2
CUT 3.02 22 eP 06 28.93 -0.9
SML 3.05 43 eP 06 28.80 -1.5
HIN 3.19 73 eP 06 30.04 -2.2
SCM 3.43 48 eP 06 34.18 -1.4
VLZ 3.49 62 eP 06 34.13 -2.2
CVA 3.59 72 eP 06 36.26 -1.4
KLU 3.82 58 eP 06 38.29 -2.7
51 obs. associated

JUN 26, 1994 16h 07m 37.08± 0.59s
41.534 N ± 6.1km 20.447 E ± 4.9km
DEPTH = 5.0km (geophysicist)
ALBANIA (391)
ML 2.5 (TTG).

PHP 0.15 358 iPgc 07 40.40 0.2
iSg 07 43.40
OHR 0.50 148 iPg 07 47.00 -0.1
0.6s 100.00nm
iSg 07 55.10
LACI 0.56 281 ePg 07 47.50 -0.8
SKO 0.86 59 ePg 07 53.00 -1.1
iSg 08 06.30
Lg 08 08.00
SDA 0.88 306 ePg 07 55.30 0.9
ULC 0.99 296 iPgc 07 55.30 -1.1
iSg 08 11.48
PVY 1.12 342 iPgc 07 57.90 -0.7
iSg 08 15.10
TTG 1.26 316 iPgc 08 00.43 -0.4
iSg 08 19.85
IVA 1.40 343 iPgd 08 03.57 0.3
iSg 08 24.93
BDV 1.42 302 iPgc 08 03.88 0.3
iSg 08 25.73
VAY 1.61 97 iPn 08 07.00 0.8
NKY 1.67 320 iPnc 08 08.47 1.3
iSn 08 33.40
HCY 1.72 303 iPnc 08 08.28 0.5
iSn 08 34.33
PLE 1.96 337 iPnc 08 12.93 1.6X
iSn 08 40.50
BRY 1.97 315 iPnd 08 13.33 1.8X
iSn 08 40.57
S.D. = 0.9 on 13 of 15 obs.

% JUN 26, 1994 16h 41m 26.66± 0.67s
27.837 S ± 6.3km 26.688 E ± 8.0km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.4 (PRE).

SEK 0.96 121 eP 41 45.70 0.2
S 41 56.00
BLF 1.34 199 eP 41 52.00 0.0
S 42 10.00
BOSA 1.36 235 eP 41 54.40 2.2X
S 42 14.40
SWZ 1.38 298 eP 41 52.50 -0.1
S 42 10.50
KSR 1.97 5 eP 42 02.00 0.7
S 42 26.50
FRS 2.25 212 eP 42 05.00 -0.1
SLR 2.53 35 eP 42 08.50 -0.8
S 42 39.00
S.D. = 0.6 on 6 of 7 obs.

& JUN 26, 1994 17h 17m 42.86s
60.055 N 153.081 W
DEPTH = 126.3km
SOUTHERN ALASKA (2)
<AEIC>.

INE 0.01 58 eP 17 59.51 0.7
eS 18 13.06
RED 0.40 23 eP 18 00.45 -0.9
eS 18 14.19
OPT 0.41 191 iP 18 00.59 -0.7
eS 18 13.78
RS2 0.44 21 eP 18 00.97 -0.7
RSO 0.44 22 eP 18 00.93 -0.8
REF 0.47 23 eP 18 01.09 -0.8
eS 18 15.24
DFR 0.57 20 eP 18 01.37 -1.0
eS 18 16.66
RDT 0.62 33 iP 18 01.80 -0.8
PDB 0.62 245 eP 18 01.41 -1.1
eS 18 15.92
AUL 0.70 195 eP 18 02.57 -0.5
AUE 0.71 192 eP 18 02.32 -0.9
AUP 0.72 194 eP 18 02.70 -0.6
AUH 0.72 195 eP 18 02.74 -0.6
AGU 0.72 194 eP 18 02.76 -0.6
AUI 0.74 194 eP 18 02.67 -0.8
eS 18 17.76
HOM 0.83 118 eP 18 03.76 -0.4
eS 18 20.52
NNL 0.90 90 eP 18 04.85 0.1
XLV 0.91 131 eP 18 03.91 -1.0
CNPM 1.07 119 iP 18 05.77 -0.7
eS 18 23.62
MCNL 1.08 217 eP 18 05.29 -1.2
BKG 1.10 21 eP 18 06.15 -0.6
eS 18 24.29
BRLK 1.14 104 eP 18 06.89 -0.3
eS 18 24.55
NKA 1.15 52 eP 18 08.16 1.0
CDD 1.16 194 eP 18 06.13 -1.3
eS 18 25.42
CKL 1.20 17 eP 18 07.37 -0.5
CKT 1.23 20 eP 18 07.80 -0.3
SPU 1.24 24 eP 18 07.47 -0.7
CKN 1.25 20 eP 18 08.35 0.0
BGL 1.26 15 eP 18 08.14 -0.4
BGM 1.28 240 eP 18 07.22 -1.4
CP2 1.28 18 eP 18 08.45 -0.4
CRP 1.30 20 eP 18 08.72 -0.3
SYI 1.49 166 eP 18 09.92 -1.0
SLKM 1.50 71 eP 18 09.96 -1.1
SVW 1.64 311 (P) 18 10.47 -2.3
SEW 1.82 87 eP 18 13.51 -1.3
SUA 1.82 38 eP 18 14.29 -0.7
eS 18 38.70
MPA 1.90 75 eP 18 14.80 -1.1
eS 18 38.99
SKT 2.07 21 eP 18 17.01 -1.0
PMS 2.11 54 P 18 17.40 -1.0
PTE 2.17 66 eP 18 18.60 -0.5
PWA 2.24 43 P 18 19.90 -0.2
KDC 2.33 172 eP 18 17.83 -3.4
PMR 2.47 50 eP 18 19.14 -3.9
KNK 2.65 57 eP 18 24.93 -0.5
GHO 2.66 48 eP 18 23.69 -2.0
CUT 2.72 29 eP 18 25.60 -0.7
SML 2.91 51 eP 18 26.45 -2.4
HIN 3.30 81 eP 18 32.57 -1.4
SCM 3.33 55 eP 18 32.19 -2.2
HUR 3.37 28 eP 18 33.87 -1.0
VLZ 3.50 69 eP 18 35.65 -0.9
KTH 3.66 15 eP 18 37.36 -1.5
TRF 3.66 20 eP 18 37.21 -1.7
KLU 3.80 65 eP 18 38.35 -2.3
RND 3.92 29 eP 18 40.82 -1.5
DHY 4.08 40 eP 18 42.60 -2.0
PAX 4.67 48 eP 18 50.72 -1.8
GLB 4.76 69 eP 18 52.64 -1.0
NEA 4.91 21 eP 18 53.69 -1.9
WRH 5.01 26 eP 18 54.10 -2.9
CCB 5.22 26 eP 18 57.36 -2.5
IL1 5.54 29 eP 19 01.62 -2.6
ILB 5.54 29 eP 19 01.62 -2.6
IM3 5.96 357 eP 19 08.75 -1.2
BCA3 6.18 56 eP 19 12.58 -0.5
BM3 8.28 23 eP 19 38.43 -3.1
67 obs. associated

? JUN 26, 1994 17h 54m 12.14± 2.60s
44.159 N ±13.9km 7.195 E ±16.2km
DEPTH = 5.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.6 (GEN).

STV 0.13 47 P 54 14.94 0.1
S 54 16.31
ENR 0.18 67 P 54 15.71 -0.1
S 54 17.77
PZZ 0.35 349 P 54 19.24 0.0
S 54 23.82
IMI 0.56 116 P 54 23.36 0.0
S.D. = 0.1 on 4 of 4 obs.

% JUN 26, 1994 18h 50m 40.60± 0.86s
39.250 N ± 7.0km 29.184 E ±10.0km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 3.0 (ISK).

ALT 0.75 105 ePg 50 56.00 0.5
eSg 51 06.00
KHL 0.96 164 iPg 50 59.00 -0.4
eSg 51 10.50
IZI 1.11 11 iPn 51 01.30 -0.6
YLV 1.32 6 ePn 51 04.80 -0.8
EDC 1.50 318 ePn 51 08.00 -0.1
ISK 1.82 357 ePn 51 13.00 0.3
CTT 1.98 343 ePn 51 16.30 1.2
S.D. = 0.8 on 7 of 7 obs.

JUN 26, 1994 19h 17m 43.23± 0.83s
41.391 N ±11.3km 20.317 E ± 8.5km
DEPTH = 5.0km (geophysicist)
ALBANIA (391)
ML 2.5 (TTG), 2.0 (TIR).

PHP 0.31 18 iPgc 17 40.00 -9.5X
iSg 17 49.00
OHR 0.46 127 iPg 17 52.90 0.5
0.6s 100.00nm
iSg 18 01.10
LACI 0.52 298 ePg 17 53.50 -0.1
SDA 0.90 317 ePg 18 03.00 2.1X
iSg 18 15.50
ULC 0.98 306 iPgc 18 01.11 -1.3
iSg 18 16.17
SKO 1.02 55 ePg 17 59.30 -3.7X
e 18 03.00
iSg 18 12.80
Lg 18 14.00
PVY 1.23 348 iPgc 18 06.32 -0.3
iSg 18 22.82
TTG 1.30 323 iPgd 18 06.32 -1.5
iSg 18 25.59
BDV 1.43 309 iPgc 18 09.82 0.0
iSg 18 31.09
IVA 1.51 348 iPgd 18 10.97 -0.1
iSg 18 31.96
VAY 1.70 92 iPn 18 12.60 -1.0
HCY 1.72 308 iPnd 18 14.21 0.2
iSn 18 39.84

26d 19h

NKY 1.73 326 iPnd 18 15.41 1.2
iSn 18 38.87
BRY 2.00 319 iPnd 18 19.31 1.1
iSn 18 46.79
PLE 2.06 341 iPnd 18 20.27 1.3
iSn 18 46.62
S.D. = 1.0 on 12 of 15 obs.

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* JUN 26, 1994 19h 27m 51.32± 0.94s
43.978 N ±13.5km 6.382 W ±12.2km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
ML 2.8 (LDG).

EMON 0.88 232 iPc 28 09.20 1.0
eS 28 19.00
ERUA 1.68 200 eP 28 19.50 -1.4
eS 28 37.30
EPF 4.98 99 Pn 29 09.30 1.4
Sn 29 59.70
MFF 5.12 57 Pn 29 11.00 1.1
Sn 30 02.50
LPO 5.48 80 Pn 29 14.20 -0.7
Sn 30 11.10
LPF 5.50 41 Pn 29 14.10 -1.1
Sn 30 11.60
RJF 5.79 74 Pn 29 18.80 -0.5
Sn 30 18.20
LDF 6.33 41 Pn 29 27.20 0.2
Sn 30 32.00
S.D. = 1.3 on 8 of 8 obs.

& JUN 26, 1994 20h 37m 23.59s
59.426 N 150.205 W
DEPTH = 13.0km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.9 (AEIC).

BRLK 0.48 315 eP 37 33.46 0.0
eS 37 40.53
CNPM 0.54 281 eP 37 33.88 -0.5
HOM 0.77 288 eP 37 38.11 -0.2
XLV 0.78 273 eP 37 37.33 -1.1
eS 37 47.66
SEW 0.78 29 eP 37 37.48 -1.0
eS 37 48.93
NNL 0.83 319 eP 37 39.39 0.0
SLKM 1.09 360 eP 37 42.12 -1.6
MPA 1.15 21 eP 37 43.31 -1.5
SYI 1.40 235 eP 37 46.67 -2.0
NKA 1.42 339 eP 37 47.27 -1.7
OPT 1.56 280 eP 37 49.97 -1.1
PTE 1.56 22 eP 37 48.97 -2.0
INE 1.58 295 eP 37 49.76 -1.7
RDT 1.60 317 eP 37 48.98 -2.7
AUE 1.62 269 eP 37 50.97 -0.9
RED 1.63 309 eP 37 49.81 -2.4
eS 38 11.53
AUP 1.65 269 eP 37 51.83 -0.5
REF 1.65 311 eP 37 49.96 -2.5
eS 38 12.39
RSO 1.65 310 eP 37 50.38 -2.2
AGU 1.65 269 eP 37 51.48 -1.0
AUI 1.65 268 eP 37 51.17 -1.2
AUL 1.65 270 eP 37 51.60 -0.8
RS2 1.65 310 eP 37 50.61 -2.0
AUH 1.66 269 eP 37 51.63 -0.9
DFR 1.71 314 eP 37 51.11 -2.2
CDD 1.84 256 eP 37 52.86 -2.2
PMS 1.85 10 P 37 53.20 -2.1
BKG 1.94 329 eP 37 54.74 -1.9
SPU 1.99 333 eP 37 55.63 -1.7
CKT 2.04 332 eP 37 57.00 -1.1
CKN 2.05 332 eP 37 58.04 -0.2
PDB 2.06 282 eP 37 57.41 -0.9
SUA 2.06 353 eP 37 56.88 -1.6
CKL 2.07 330 eP 37 57.13 -1.4
CRP 2.09 333 eP 37 57.96 -0.9
CP2 2.10 332 eP 37 57.81 -1.3
HIN 2.10 61 eP 37 56.18 -2.8
MCNL 2.13 265 eP 37 55.55 -3.8
BGL 2.14 330 eP 37 57.92 -1.6
KNK 2.17 23 eP 37 59.16 -0.8
PMR 2.24 13 eP 38 02.82 2.0
GHO 2.44 14 eP 38 02.43 -1.3
SML 2.56 20 eP 38 03.92 -1.6
VLZ 2.58 47 eP 38 03.00 -2.7
SKT 2.64 346 eP 38 05.09 -1.6
SCM 2.80 29 eP 38 06.65 -2.3
KLU 2.97 44 eP 38 08.40 -2.9
SVW 3.18 304 eP 38 12.51 -1.8
TOA 3.34 35 P 38 14.50 -2.0
BCA3 5.46 44 eP 38 44.31 -2.3
IL1 5.59 15 eP 38 45.67 -2.7
ILB 5.59 15 eP 38 45.77 -2.6
52 obs. associated

? JUN 26, 1994 20h 46m 58.78±12.19s
37.942 N ±87.6km 25.320 W ±25.5km
DEPTH = 10.0km (geophysicist)
AZORES ISLANDS (405)

SDCA 0.15 179 eP 47 02.23 0.0
eS 47 07.96
LFA 0.21 218 iP 47 03.48 0.0
i(S) 47 10.46
CML 0.25 226 e(P) 47 03.98 -0.1
e(S) 47 10.46
FAC 0.31 237 eP 47 05.27 0.0
eS 47 12.19
S.D. = 0.1 on 4 of 4 obs.

% JUN 26, 1994 21h 23m 46.08± 1.30s
33.136 S ± 5.2km 70.272 W ±10.4km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.9 (SAN).

FCH 0.19 185 iPd 23 50.34 -0.2
iS 23 54.03
PEL 0.35 269 iP 23 53.51 0.2
iS 23 58.16
PCH 0.52 203 iPd 23 56.54 -0.2
iS 24 04.24
JACH 0.53 329 iP 23 56.75 0.0
iS 24 04.36
ROCH 0.64 285 iPd 23 58.99 -0.1
iS 24 08.34
TACH 0.76 227 iP+ 24 00.77 -0.2
iS 24 11.43
CHCH 0.86 202 iP 24 02.62 0.0
iS 24 14.12
CACH 1.02 196 iP 24 05.96 0.6
iS 24 19.70
LCCH 1.14 252 eP 24 07.54 0.2
iS 24 22.96
LNV 1.25 229 iP+ 24 09.09 -0.3
iS 24 25.64
S.D. = 0.3 on 10 of 10 obs.

JUN 26, 1994 21h 26m 54.30± 0.38s
39.304 N ± 3.4km 29.172 E ± 4.1km
DEPTH = 5.4 ± 2.7 km
TURKEY (366)
ML 3.5 (ISK). MD 3.7 (ATH).

ALT 0.77 109 iPg 27 09.00 -0.8
eSg 27 20.00
KHL 1.02 164 iPg 27 13.50 -0.5
IZI 1.06 13 iPg 27 14.70 0.0
KCT 1.13 327 iPg 27 15.70 -0.3
iSg 27 30.70
YLV 1.27 7 iPn 27 18.80 0.5
BNT 1.43 318 iPn 27 21.70 0.9
EDC 1.45 316 iPn 27 21.00 -0.2
HRT 1.56 14 iPn 27 22.40 -0.4
IZM 1.74 239 ePn 27 26.20 0.8
ISK 1.76 357 ePn 27 26.20 0.6
CTT 1.93 343 iPn 27 27.50 -0.5
BCK 2.15 148 ePn 27 32.40 1.1
PRK 2.25 269 ePn 27 34.00 1.3
EZN 2.26 284 iPn 27 33.50 0.7
ELL 2.62 167 ePn 27 38.00 0.0
DMK 2.74 337 ePn 27 39.70 0.1
ALN 2.88 305 ePn 27 42.22 0.6
eSn 28 24.58
KSL 3.20 174 ePn 27 46.00 -0.1
RDO 3.34 305 ePn 27 49.80 1.7
KDZ 3.70 310 iP 27 52.00 -1.3
OUR 4.13 286 ePn 27 59.06 -0.2
RZN 4.15 306 eP 27 59.00 -0.8
PLD 4.40 311 eP 28 03.00 -0.2
SRS 4.64 295 iPn 28 06.62 0.0
SOH 4.71 291 ePn 28 07.46 -0.3
MMB 4.74 301 eP 28 07.00 -1.1
PGB 4.99 312 eP 28 10.00 -1.6
KNT 5.15 293 ePn 28 13.78 -0.1
LIT 5.21 281 ePn 28 14.42 -0.4
KKB 5.30 301 eP 28 15.00 -1.0
VAY 5.43 294 ePn 28 06.70 -11.2X
MLR 6.63 340 eP 28 36.50 1.7
VRI 6.81 345 eP 28 38.00 0.8
S.D. = 0.9 on 32 of 33 obs.

% JUN 26, 1994 21h 28m 39.44± 0.74s
39.229 N ± 6.5km 29.103 E ± 9.0km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

ALT 0.80 102 iPg 28 55.00 -0.6
iSg 29 05.00
KHL 0.96 160 ePg 28 58.70 0.4
eSg 29 12.00
IZI 1.14 14 iPg 29 01.70 0.4
KCT 1.17 331 iPg 29 01.70 -0.1
eSg 29 17.70
YLV 1.35 9 ePn 29 05.00 0.1
EDC 1.47 320 ePn 29 06.00 -0.6
ISK 1.83 359 ePn 29 12.00 0.2
CTT 1.98 345 ePn 29 14.20 0.2
S.D. = 0.5 on 8 of 8 obs.

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* JUN 26, 1994 21h 44m 51.11± 1.23s
5.481 S ±14.7km 153.108 E ±13.6km
DEPTH = 14.0 ± 9.2 km
4.7mb (4 obs.)
NEW IRELAND REGION, P.N.G. (190)

RAB 1.59 324 iPc 45 19.00 0.1
iS 45 37.00
BKM 19.12 131 iPd 49 16.00 -0.4
NOUC 20.88 144 iPc 49 36.40 1.0
DZM 20.94 143 iPd 49 35.40 -0.7
WB2 23.23 230 iPd 49 58.00 -0.9
0.3s 12.00nm 4.9mb
i 50 06.10
ARMA 24.85 183 eP 50 16.60 2.0
ASPA 25.87 224 eP 50 23.70 -0.5
1.1s 13.10nm 4.5mb
LZH 61.93 316 e(P) 55 14.50 1.4
1.5s 24.00nm 5.1mb
SPA 84.55 180 iPd 57 24.40 -0.6
0.6s 0.81nm 4.1mb
Z 17s 0.39um 4.8MszX
GEC2 124.79 328 PKP 03 51.70 -0.6
e 14 27.10
LPAZ 133.83 119 PKP 04 10.50 -0.6
BAO 150.39 135 ePKP 04 42.70 3.4X
S.D. = 1.2 on 11 of 12 obs.

JUN 26, 1994 21h 55m 15.38± 0.80s
9.757 S ± 3.1km 159.739 E ± 4.1km
DEPTH = 30.6 ± 5.8 km
5.5mb (33 obs.) 5.0Msz (31 obs.)
SOLOMON ISLANDS (193)
Mw 5.4 (HRV). Felt (V) at
Honiara. Also felt on Florida
and Russell Islands.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 20C
Centroid Location:
Origin Time 21:55:15.0 0.9
Lat 10.31S 0.08 Lon 160.00E 0.09
Dep 28.3 3.9 Half-duration 1.8
Moment Tensor; Scale 10**17 Nm
Mrr= 0.82 0.09 Mtt=-0.32 0.06
Mff=-0.50 0.11 Mrt= 1.31 0.15
Mrf= 0.33 0.08 Mtf= 0.59 0.09
Principal Axes:
T Val= 1.83 Plg=53 Azm=335
N -0.52 25 104
P -1.31 25 207
Best Double Couple:Mo=1.6*10**17
NP1:Strike=339 Dip=30 Slip= 149
NP2: 97 75 64

HNR 0.38 32 iPd 55 24.00 -0.1
iS 55 30.00
RAB 9.33 306 e(P) 57 36.00 5.1X

BKM 11.40 135 iPc 57 58.30 -1.0
LAT 12.98 283 eP 58 23.30 2.9X
NOUC 13.80 154 iPc 58 32.00 0.8
DZM 13.83 153 iPc 58 31.90 0.1
MDG 14.54 287 eP 58 45.60 4.6X
WWKK 17.12 290 eP 59 16.80 2.6
OKTD 18.80 282 e(P) 59 37.10 2.1
ARMA 21.91 199 iPd 00 07.50 -0.5
RIV 25.22 197 eP 00 41.00 0.9
eS 05 11.00
WB2 26.51 245 iPd 00 51.90 -0.4
0.7s 27.90nm 5.0mb
BWA 26.65 201 iPd 00 52.30 -1.2
CNB 27.14 199 iPc 00 58.60 0.6
0.9s 91.00nm 5.4mb
CAN 27.27 199 iPd 00 59.20 0.1
GUA 27.43 327 eP 01 00.20 -0.4
GUMO 27.49 327 eP 01 00.20 -1.0
1.1s 197.10nm 5.7mb
PJG 27.49 327 eP 01 00.80 -0.4
ASPA 28.28 238 iPd 01 06.50 -1.9
0.9s 38.50nm 5.1mb
iS 06 08.20
TOO 30.53 203 iPc 01 28.40 0.1
0.5s 27.00nm 5.3mb
ADE 31.60 214 e(P) 01 36.20 -1.6
WARB 35.32 238 iPd 02 09.50 -0.6
BIP 37.83 297 ePd 02 29.50 -1.8
DAV 37.92 295 eP 02 32.10 0.0
MBL 39.99 249 eP 02 49.50 0.3
0.7s 26.00nm 5.1mb
GQP 43.84 302 iPd 03 20.50 -0.3
TSM 43.99 287 ePc 03 22.10 0.1
NANU 44.16 248 iPd 03 23.80 0.4
0.5s 40.00nm 5.5mb
PPR 45.19 294 iPc 03 33.00 1.3
KKM 46.12 288 ePc 03 40.40 1.2
CVP 46.34 306 ePc 03 41.00 0.3
BAG 46.66 304 ePc 03 42.90 -0.6
KAKJ 49.29 339 P 04 03.20 -0.3
WKYJ 49.38 333 P 04 04.30 0.0
IIDJ 49.49 336 P 04 05.00 -0.1
CHJJ 49.58 338 P 04 04.90 -0.8
TKSJ 49.88 332 P 04 08.30 0.3
MAT 50.31 337 eP 04 10.00 -1.3
0.8s 31.34nm 5.4mb
Z 20s 0.71um 4.7Msz
eS 11 28.00
MTMJ 50.50 337 P 04 12.00 -0.9
NIIJ 50.64 339 P 04 13.40 -0.4
YAMJ 51.11 340 eP 04 17.80 0.4
YONJ 51.14 332 P 04 17.60 -0.1
OFUJ 51.41 342 eP 04 19.50 -0.2
LEM 51.62 269 iPd 04 21.20 -0.7
HON 51.73 53 P 04 30.00 7.7X
Z 19s 0.60um 4.6Msz
AOMJ 53.17 342 eP 04 34.10 1.3
HOOJ 54.03 345 eP 04 39.40 0.4
KUSJ 54.36 346 P 04 41.00 -0.5
MRRJ 54.67 343 eP 04 43.60 -0.2
SSE 54.92 319 Pd+ 04 45.50 -0.3
1.0s 141.00nm 5.9mb
Z 20s 0.60um 4.7Msz
eS 12 25.00
i 12 40.00
ASAJ 55.82 345 eP 04 52.90 0.8
KGM 57.39 279 eP 05 03.50 -0.3
YSS 58.52 346 eP 05 10.00 -1.2
1.0s 50.00nm 5.6mb
N 18s 0.50um
E 18s 0.90um
IPM 60.20 281 ePd 05 22.50 -0.9
SNG 61.24 284 eP 05 30.50 0.1
LOE 63.35 295 iPc 05 43.50 -0.9
SMY 63.44 10 eP 05 44.20 -0.2
1.2s 381.50nm 6.4mb
BJI 63.87 324 eP 05 46.00 -1.4
1.5s 28.00nm 5.2mb
Z 24s 0.71um 4.8MszX
eS 14 36.00
eSKS 15 40.00
eSS 18 56.00
NST 64.20 293 iPc 05 51.00 1.0
ADK 64.67 16 eP 05 51.87 -0.6
0.8s 34.90nm 5.5mb
KMI 65.44 303 P+ 05 58.00 -0.2
1.3s 220.00nm 6.1mb

Z 20s 1.10um 5.1Msz
pP 06 26.80 117kmX
eS 14 41.00
CHTO 66.32 295 iPc 06 03.70 0.0
1.5s 101.91nm 5.7mb
LZH 69.58 314 iPc 06 24.50 0.6
1.5s 225.00nm 6.0mb
Z 20s 0.80um 5.0Msz
E 15s 0.48um
pP 06 46.50 84kmX
sP 06 56.00
ePP 09 00.00
eS 15 30.00
i 15 45.00
SDN 72.86 22 eP 06 41.97 -1.1
0.5s 27.67nm 5.5mb
CIT 73.15 332 eP 06 45.40 0.5
SHL 74.73 300 iPc 06 54.50 -0.3
iS 16 28.00
YAK 75.28 346 iPc 06 56.70 -0.3
1.2s 207.00nm 6.0mb
Z 20s 0.90um 5.1Msz
N 20s 0.50um
BOD 76.89 337 eP 07 06.10 0.0
ZAK 77.33 327 iP 07 09.00 0.4
1.5s 123.00nm 5.7mb
KDC 77.69 24 eP 07 10.80 0.3
0.3s 15.50nm 5.5mb
IRK 77.83 329 eP 07 11.00 -0.4
1.4s 42.00nm 5.3mb
SVW 78.85 20 ePc 07 17.35 0.4
0.9s 162.27nm 6.0mb
ILT 78.99 8 iPc 07 17.00 -0.4
1.3s 165.00nm 5.9mb
Z 18s 0.50um 4.9Msz
N 18s 0.20um
e 17 28.00
TTA 80.02 19 ePc 07 23.48 0.2
1.1s 21.84nm 5.1mb
SPA 80.30 180 iPd 07 25.40 0.6
0.7s 1.95nm 4.2mb X
SLKM 80.39 23 ePc 07 24.93 -0.3
PMS 81.11 22 ePc 07 29.30 0.3
0.7s 44.20nm 5.6mb
PWA 81.25 22 ePc 07 29.70 0.1
0.3s 19.30nm 5.6mb
PMR 81.49 22 eP 07 30.89 0.0
0.8s 16.64nm 5.1mb
Z 20s 0.50um 4.9Msz
KLU 82.65 23 eP 07 37.46 0.4
TOA 82.92 23 ePc 07 40.00 1.6X
0.5s 32.70nm 5.7mb
IMA 82.95 17 ePc 07 38.77 0.1
0.6s 6.81nm 4.9mb
BALM 83.81 25 eP 07 43.40 0.3
FBA 84.04 20 ePc 07 43.10 -0.9
0.5s 8.44nm 5.2mb
GBA 84.89 285 Pd 07 50.00 0.8
1.0s 14.00nm 5.1mb
BRW 85.92 13 ePd 07 53.99 0.8
SAO 86.95 52 P 08 10.00 11.0X
Z 18s 1.01um 5.3Msz
WDC 87.10 48 P 08 10.00 10.3X
Z 18s 0.47um 4.9Msz
CMB 88.08 51 P 08 20.00 15.5X
Z 20s 0.49um 4.9Msz
ISA 89.03 54 P 08 20.00 10.9X
Z 19s 0.49um 4.9Msz
INK 90.66 20 eP 08 16.50 0.6
TPNV 91.05 53 eP 08 20.08 1.5
NEW 92.67 42 P 08 40.00 14.4X
Z 19s 0.43um 4.9Msz
DUG 94.28 50 eP 08 35.52 2.2X
1.6s 9.54nm 5.0mb
Z 20s 0.24um 4.7Msz
TUC 94.70 58 P 08 50.00 14.6X
Z 18s 0.36um 4.9Msz
MBC 97.25 14 eP 08 46.50 0.5
BRVK 97.39 323 iPd 08 46.50 -0.5
1.8s 26.00nm 5.5mb
ALQ 98.61 56 P 09 00.00 6.8X
Z 18s 0.41um 5.0Msz
GLD 100.02 51 Pdiff 09 10.00 10.4X
Z 18s 0.88um 5.3Msz
WMOK 104.90 57 Pdiff 09 30.00 8.8X
Z 19s 0.81um 5.3Msz
MIAR 109.19 57 PKP 14 00.00 15.5X

Z 19s 0.56um 5.1Msz
FVM 111.56 53 PKP 14 00.00 11.1X
Z 19s 0.86um 5.4Msz
SLM 111.66 52 PKP 14 00.00 11.0X
Z 19s 0.34um 4.9Msz
MYNC 116.90 56 PKP 14 10.00 10.8X
Z 21s 0.39um 5.0Msz
GOGA 117.64 57 PKP 14 10.00 9.4X
Z 19s 0.31um 4.9Msz
MCWV 119.49 50 PKP 14 20.00 16.0X
Z 19s 0.40um 5.1Msz
YSNY 119.78 46 PKP 14 20.00 15.5X
Z 19s 0.40um 5.1Msz
BINY 121.68 46 PKP 14 20.00 11.9X
Z 18s 0.33um 5.0Msz
NB2 123.80 342 PKP 14 10.60 -1.0
1.1s 5.20nm
LSCT 123.80 46 PKP 14 20.00 7.8X
Z 19s 0.47um 5.2Msz
LBNH 123.82 43 PKP 14 20.00 7.9X
Z 20s 0.43um 5.1Msz
HRV 124.69 45 PKP 14 30.00 16.2X
Z 19s 0.20um 4.8Msz
CBM 125.16 38 PKP 14 30.00 15.4X
Z 21s 0.58um 5.2Msz
LPB 125.95 119 ePKP 14 22.00 4.4X
LPAZ 126.02 118 PKP 14 18.40 0.4
BRG 130.30 332 ePKP 14 25.00 0.7
1.5s 15.00nm
e 17 48.00
ZST 130.49 328 ePKP 14 25.20 0.4
PRU 130.62 331 ePKP 14 25.20 0.2
SKO 131.38 319 iPKP 14 26.00 -0.7
KHC 131.66 331 ePKP 14 28.00 1.0
GRF 132.37 333 ePKP 14 30.00 1.7X
Z 19s 0.30um 5.0Msz
LJU 133.21 327 ePKP 14 30.00 0.0
ePKSab17 58.50
BCAO 141.16 265 iPKPd 14 49.20 3.4X
0.8s 11.00nm
PAB 147.11 337 ePKP 14 56.10 0.9
EVIA 147.13 334 ePKP 14 57.72 2.4X
EHUE 147.85 333 ePKP 14 58.27 1.8
ELUQ 148.78 335 ePKP 15 02.41 4.5X
ERON 149.05 334 ePKP 15 01.84 3.4X
ELOJ 149.09 334 ePKP 15 00.91 2.5X
EPRU 149.69 336 ePKP 15 03.25 4.0X
ITR 154.20 135 (PKP) 15 12.00 5.6X
S.D. = 0.8 on 95 of 131 obs.

% JUN 26, 1994 22h 44m 14.47± 0.89s
39.248 N ± 8.5km 29.068 E ±11.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

ALT 0.83 103 ePg 44 31.00 0.4
eSg 44 40.00
KHL 0.99 159 ePn 44 33.00 -0.3
KCT 1.14 331 ePn 44 35.70 -0.1
YLV 1.34 10 ePn 44 38.80 -0.4
EDC 1.44 320 ePn 44 41.00 0.4
S.D. = 0.5 on 5 of 5 obs.

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* JUN 26, 1994 22h 56m 13.94± 0.97s
40.311 N ±11.9km 25.773 E ± 8.8km
DEPTH = 5.0km (geophysicist)
AEGEAN SEA (365)
ML 3.0 (ISK).

EZN 0.64 139 iPg 56 26.50 -0.3
iSg 56 36.00
MFT 1.24 67 iPn 56 37.20 -0.4
KDZ 1.36 349 iP 56 32.00 -7.6X
RZN 1.59 330 P 56 41.00 -2.0
EDC 1.60 88 ePn 56 44.00 1.1
BNT 1.64 88 ePn 56 42.70 -0.9
PLD 1.97 336 eP 56 49.00 0.8
KCT 1.98 91 ePn 56 49.00 0.5
MMB 2.01 310 eP 56 49.00 0.1
KKB 2.56 308 eP 56 52.00 -4.8X
VTS 2.98 321 eP 57 04.00 1.0
S.D. = 1.2 on 9 of 11 obs.

& JUN 26, 1994 22h 58m 33.40s
34.165 N 116.832 W
DEPTH = 8.2km

26d 22h

SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

PEC 0.39 225 ePc 58 40.64 -0.6
CSP 0.46 287 iPd 58 41.92 -0.7
eS 58 47.82
SSK 0.72 274 eP 58 46.57 -1.2
PLM 0.81 182 eP 58 48.34 -1.1
GSC 1.13 1 eP 58 54.28 -0.6
eS 59 08.17
GLA 2.01 123 eP 59 06.90 -1.1
ISA 2.01 318 eP 59 09.06 1.0
MSU 5.74 40 (Pn) 00 03.35 2.2
8 obs. associated

? JUN 26, 1994 23h 16m 35.29± 1.39s
20.680 S ±57.3km 172.652 W ±21.7km
DEPTH = 33.0km (normal)
5.0mb (3 obs.)
TONGA ISLANDS REGION (174)

BKM 18.29 276 iPc 20 49.00 0.7
DZM 19.52 262 iPd 21 01.90 -1.1
NOUC 19.65 262 iPc 21 03.90 -0.5
ASPA 49.35 256 eP 25 23.40 -0.4
0.9s 25.30nm 5.2mb
WB2 49.52 261 iPc 25 23.70 -1.4
0.6s 12.20nm 5.1mb
WRA 49.53 261 P 25 24.10 -1.1
0.8s 3.80nm 4.5mb
WARB 55.55 252 eP 26 10.90 0.9
NANU 66.17 254 eP 27 24.00 1.8
IPM 88.16 276 ePc 29 26.80 2.1
MEO 89.30 52 iPd 29 28.80 -0.9
CLL 149.11 353 iPKP 36 19.60 2.4X
1.1s 12.00nm
e 36 39.00
BRG 149.42 352 ePKP 36 20.90 3.2X
1.4s 12.00nm
e 36 40.70
MOX 149.91 355 ePKP 36 22.00 3.5X
PRU 150.20 351 ePKP 36 23.00 4.1X
VRI 150.27 332 ePKP 36 27.00 7.8X
GRF 150.89 355 e(PKP)36 20.50 0.5X
MLR 150.90 333 ePKP 36 24.50 4.2X
KHC 151.18 351 ePKP 36 26.50 6.0X
e 36 46.50
e 37 01.50
GEC2 151.44 351 PKP 36 25.20 4.2X
1.2s 2.35nm
e 36 30.80
e 36 32.60
ZST 151.44 346 ePKP 36 28.90 8.1X
SRO 151.51 344 ePKP 36 26.50 5.5X
CDF 152.33 0 ePKP 36 28.30 6.0X
1.4s 8.70nm
HAU 152.73 1 ePKP 36 29.20 6.4X
1.1s 6.10nm
PTJ 153.87 346 ePKP 36 31.40 6.9X
SKO 155.66 334 ePKP 36 35.00 8.1X
S.D. = 1.4 on 10 of 25 obs.

JUN 27, 1994 00h 23m 25.92± 0.84s
39.271 N ± 9.2km 24.781 E ± 4.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 2.5 (THE).

PAIG 1.07 308 ePg 23 46.42 0.3
eSg 23 59.42
PRK 1.16 91 ePb 23 47.00 -0.5
eSb 24 03.20
OUR 1.23 330 iPg 23 48.06 -0.7
eSg 24 03.14
EZN 1.32 65 iPn 23 50.00 -0.2
ALN 1.89 30 ePb 23 59.54 1.0
eSb 24 23.18
SOH 1.90 325 ePb 23 58.14 -0.5
iSb 24 21.61
AGG 1.92 263 ePb 23 59.54 0.5
eSb 24 23.22
LIT 1.95 296 iPb 23 59.58 0.1
eSb 24 22.58
RDO 1.96 17 ePn 24 00.20 0.7
KNT 2.38 323 ePn 24 05.18 -0.4
MFT 2.45 51 ePn 24 14.70 8.1X
GRG 2.48 313 ePn 24 06.90 -0.2
EDC 2.61 65 ePn 24 14.00 5.2X
VAY 2.66 321 ePn 24 09.40 -0.1
KCT 2.92 69 ePn 24 23.60 10.3X
S.D. = 0.6 on 12 of 15 obs.

? JUN 27, 1994 01h 20m 40.96± 8.60s
34.703 S ±65.7km 71.486 W ±30.5km
DEPTH = 60.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.2 (SAN).

LNV 0.75 5 iP 20 56.42 0.6
iS 21 07.22
CACH 0.94 52 iP+ 20 58.20 -0.2
iS 21 10.59
CHCH 1.03 42 iP+ 20 59.25 -0.4
iS 21 12.70
TACH 1.14 24 iP+ 21 00.62 -0.5
iS 21 14.51
LCCH 1.23 357 iPd 21 01.99 -0.2
iS 21 17.28
PCH 1.35 37 iP+ 21 03.55 -0.4
iS 21 20.19
SAN 1.42 29 iPd 21 04.80 -0.1
PEL 1.69 23 iP+ 21 08.70 0.0
iS 21 28.61
FCH 1.69 36 iP+ 21 08.64 -0.3
(S) 21 30.27
ROCH 1.77 13 iP 21 09.96 0.0
iS 21 30.51
JACH 2.15 21 iP 21 14.88 -0.3
ZON 3.93 38 eP 21 42.20 2.0
S.D. = 0.7 on 12 of 12 obs.

? JUN 27, 1994 01h 57m 00.40± 1.84s
29.138 N ±17.4km 16.202 W ±10.0km
DEPTH = 10.0km (geophysicist)
CANARY ISLANDS REGION (394)
mbLg 2.3 (MDD).

CTFE 0.66 185 iPc 57 14.00 0.5
iS 57 20.00
GGC 1.13 154 eP 57 21.00 -0.6
iS 57 33.00
TBT 1.57 254 iPd 57 28.20 -0.1
iS 57 45.30
CFTV 1.99 111 eP 57 34.80 0.2
iS 57 56.80
S.D. = 0.8 on 4 of 4 obs.

% JUN 27, 1994 01h 58m 58.83± 0.76s
39.246 N ± 6.2km 29.145 E ± 8.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

ALT 0.77 104 ePg 59 14.00 0.0
eSg 59 24.00
KHL 0.97 162 iPg 59 17.50 0.2
eSg 59 30.50
IZI 1.12 13 iPn 59 20.60 0.7
KCT 1.17 329 iPn 59 20.60 -0.1
YLV 1.33 8 ePn 59 23.70 0.3
EDC 1.48 318 ePn 59 25.00 -0.5
EYL 1.53 30 ePn 59 25.00 -1.3
ISK 1.82 358 ePn 59 31.00 0.6
CTT 1.98 344 ePn 59 32.70 0.0
S.D. = 0.7 on 9 of 9 obs.

JUN 27, 1994 02h 05m 10.18± 0.25s
17.171 N ± 4.2km 84.512 W ± 4.0km
DEPTH = 10.0km (geophysicist)
4.8mb (43 obs.) 4.2Msz (22 obs.)
CARIBBEAN SEA (94)

OXX 11.67 271 (P) 07 59.00 -1.1
PPM 13.55 280 (P) 08 26.50 1.0
MRX 16.03 282 (P) 09 05.00 7.7X
BOG 16.13 139 eP 09 03.00 3.9X
eS 12 13.00
GOGA 16.20 3 (P) 08 59.22 -0.2
eSg 11 41.94
SGS 16.36 12 (P) 09 00.37 -1.1
JSC 17.28 9 (P) 09 13.48 0.3
PSO 17.38 155 eP 09 21.00 6.1X
MYNC 17.83 1 P 09 20.11 0.0
MIAR 19.11 337 eP 09 36.18 0.4
1.4s 62.93nm 4.7mb
TUL 21.19 334 iPd 09 57.60 -0.5
SIO 21.27 333 iPd 10 05.80 6.9X
LTX 21.32 308 eP 09 59.34 -0.3
eSg 13 50.33
FVM 21.38 347 eP 09 59.81 -0.2
1.0s 31.53nm 4.7mb
Z 18s 1.35um 4.4Msz
CVL 21.40 13 eP 09 59.91 -0.4
MEO 21.58 327 iPc 10 02.50 0.4
OCO 21.62 330 iPd 10 03.50 1.0
WMOK 21.65 327 eP 10 03.19 0.4
0.8s 30.06nm 4.8mb
Z 20s 0.62um 4.0Msz
eSg 13 53.84
MCWV 22.77 9 eP 10 15.38 1.5
1.0s 55.18nm 5.0mb
Z 18s 2.03um 4.6Msz
ACO 23.36 329 iPd 10 21.60 1.8
GMTN 25.25 19 eP 10 41.30 3.4X
YSNY 25.73 10 eP 10 43.33 0.9
0.8s 26.63nm 5.0mb
Z 18s 1.77um 4.6Msz
BINY 25.99 15 eP 10 45.43 0.6
1.0s 27.61nm 4.9mb
Z 18s 1.40um 4.5Msz
LSCT 26.28 19 P- 10 49.53 2.0
Z 18s 1.75um 4.6Msz
ALQ 26.39 316 eP 10 48.93 0.0
1.2s 11.71nm 4.4mb
Z 20s 0.39um 3.9Msz
HRV 27.57 21 P- 11 02.41 3.1X
Z 20s 0.97um 4.4Msz
TUC 28.12 307 (P) 11 06.13 1.6
1.1s 4.83nm 4.2mb
Z 19s 0.33um 3.9Msz
RSNY 28.56 15 eP 11 08.27 0.0
0.9s 9.67nm 4.6mb
GLD 28.80 326 eP 11 10.63 -0.1
1.5s 21.67nm 4.7mb
Z 20s 0.80um 4.3Msz
LBNH 29.00 19 P 11 20.00 7.8X
Z 19s 1.17um 4.5Msz
GAC 29.43 13 eP 11 16.50 0.5
SRU 31.49 319 (P) 11 35.43 0.9
RSSD 31.52 333 eP 11 34.87 0.1
1.5s 12.97nm 4.6mb
EMUT 32.09 320 (P) 11 40.32 0.4
CBM 32.63 21 P 11 50.00 5.8X
Z 19s 0.75um 4.4Msz
DAU 32.72 321 eP 11 45.72 0.2
BW06 33.25 325 eP 11 49.55 -0.5
1.8s 25.92nm 4.9mb
DUG 33.55 319 P 12 00.00 7.5X
Z 19s 0.23um 3.9Msz
ULM 34.24 347 eP 12 01.50 3.3X
ISA 35.32 308 P 12 20.00 12.3X
Z 19s 0.23um 4.0Msz
LRM 36.84 327 eP 12 22.00 1.4
LPAZ 36.96 153 P 12 22.20 -0.1
JAQ 37.19 9 eP 12 22.00 -1.1
LPB 37.19 153 eP 12 22.00 -2.0
LR 28 32.00
CMB 37.65 311 iPc 12 35.31 8.0X
Z 20s 0.30um 4.1Msz
ePPc 13 57.31
iS 18 25.31
iLQ 21 15.31
eLR 23 53.31
SAO 37.95 308 P 12 40.00 10.2X
Z 18s 0.30um 4.1Msz
CCH 38.81 151 eP 12 39.00 1.5
BKS 38.94 310 ePc 12 41.37 3.3X
Z 19s 0.10um 3.7Msz
ePPc 14 20.37
iS 18 52.37
eLR 24 18.37
ORV 39.06 312 iPc 12 45.36 6.3X
Z 18s 0.20um 4.0Msz
ePPc 14 13.36
eS 18 30.36
iLQ 21 46.36
eLR 24 35.36
WDC 40.21 313 P 13 00.00 11.5X
Z 20s 0.17um 3.9Msz
SIV 40.25 144 P 12 49.70 0.6
NEW 40.85 327 eP 12 54.08 0.3

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      1.7s    28.28nm         4.7mb
    Z 19s     0.12um          3.8Msz
MOCB  42.43 153 P     13 08.40   1.0
LON   42.61 322 eP    13 07.48  -0.8
GMW   43.59 323 (P)   13 15.73  -0.4
FRB   47.81  10 eP    13 48.00  -1.5
      0.8s     6.00nm         4.7mb
RES   57.81 357 eP    15 02.50  -1.1
      0.8s     4.00nm         4.5mb
INK   59.63 341 eP    15 16.00  -0.5
      0.8s     2.00nm         4.3mb
KLU   61.51 331 eP    15 29.13  -0.4
MBC   61.79 351 eP    15 30.50  -0.6
      0.9s     8.00nm         4.9mb
TOA   61.81 332 ePd   15 31.90   0.4
      0.9s    28.50nm         5.4mb
PMR   63.02 331 eP    15 38.80  -0.6
      0.7s     4.00nm         4.7mb
PMS   63.14 331 eP    15 39.60  -0.6
      0.7s     8.70nm         5.1mb
SLKM  63.28 330 eP    15 40.82  -0.4
FBA   63.34 335 eP    15 39.89  -1.6
      0.6s     0.91nm         4.1mb
IMA   66.01 335 eP    15 58.11  -0.8
      1.5s    13.59nm         4.9mb
TTA   66.44 332 eP    16 00.16  -1.5
      0.8s     4.36nm         4.7mb
HON   68.94 287 P     16 30.00  12.1X
    Z 19s     0.36um          4.6Msz
LPF   73.11  44 eP    16 42.40  -0.3
      0.9s     9.65nm         4.9mb
GRR   73.19  44 eP    16 43.10   0.0
      1.1s    23.20nm         5.2mb
FLN   73.39  43 eP    16 44.10  -0.2
      0.9s    10.00nm         4.9mb
LDF   73.65  44 eP    16 45.70  -0.1
      1.0s    12.20nm         4.9mb
MFF   73.91  46 eP    16 47.40   0.1
      0.8s     4.05nm         4.5mb
LFF   74.77  47 eP    16 52.70   0.4
      1.0s    13.20nm         4.9mb
EPF   74.79  49 eP    16 53.20   0.6
      0.8s     7.40nm         4.8mb
LSF   75.10  46 eP    16 53.80  -0.5
LPO   75.12  47 eP    16 54.70   0.3
      0.8s     6.05nm         4.7mb
RJF   75.25  47 eP    16 55.10   0.0
      1.0s     7.80nm         4.7mb
TCF   75.56  46 eP    16 56.60  -0.3
      0.9s     6.20nm         4.7mb
CAF   75.70  47 eP    16 57.80   0.1
      1.0s     8.80nm         4.8mb
MAF   75.82  46 eP    16 58.10  -0.2
      0.9s     4.10nm         4.5mb
BGF   75.95  45 eP    16 58.60  -0.5
      0.8s     4.15nm         4.6mb
AVF   76.25  45 eP    17 00.70   0.0
SSF   76.31  45 eP    17 00.40  -0.7
      0.8s     3.10nm         4.4mb
LOR   76.50  44 eP    17 01.70  -0.5
SMF   76.61  45 eP    17 02.00  -0.8
LBF   76.64  45 eP    17 02.70  -0.3
LKO   76.73  84 P     17 04.83   0.8
      0.7s     8.00nm         4.9mb
NB2   77.88  30 P     17 09.00  -0.5
      1.0s     3.60nm         4.4mb
HAU   78.01  43 eP    17 10.00  -0.5
TIC   78.06  87 P     17 12.41   1.0
      0.6s     8.50nm         5.0mb
LIC   78.17  87 P     17 12.09   0.1
      0.9s    15.00nm         5.1mb
BSF   78.34  43 eP    17 11.70  -0.7
KIC   78.40  87 P     17 13.65   0.4
      0.7s    12.00nm         5.1mb
GRF   80.73  41 eP    17 26.80   1.6
    Z 20s     0.10um          4.2Msz
CLL   81.38  39 e(P)  17 28.00  -0.5
                e     17 42.00
BRG   82.07  39 e(P)  17 34.60   2.5X
KHC   82.36  41 eP    17 47.50  13.8X
GEC2  82.53  41 P     17 35.20   0.5
      1.0s     2.09nm         4.3mb
                e     17 40.80
                e     17 48.00
                e     18 01.60
PRU   82.70  40 eP    17 44.50   9.1X
ZST   84.88  41 eP    17 47.20   0.7

WRA   143.12 260 PKP   24 47.00   0.0
      0.8s     1.20nm
BDT   145.63 354 ePKP  24 50.00  -1.2
      S.D. = 0.8  on  83 of 103 obs.
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   JUN 27, 1994  02h 34m 40.01± 0.83s
   35.317 N ± 7.6km   4.015 W ± 9.0km
   DEPTH = 10.0km (geophysicist)
 STRAIT OF GIBRALTAR              (385)
      mbLg 3.2 (MDD).

EMEL    0.87  91 ePg   34 56.00  -0.6
                 eSg   35 05.00
TAF     1.41 110 ePg   35 07.00   1.3
                 iSg   35 21.50
EGUA    1.56  13 eP    35 07.42  -0.4
                 eS    35 24.50
EJIF    1.64 314 eP    35 12.56   3.6X
                 eS    35 33.60
ERON    1.71   6 eP    35 09.39  -0.7
                 eS    35 29.40
ELOJ    1.83 357 eP    35 11.75  -0.1
EPRU    1.92 329 eP    35 14.19   1.1
                 eS    35 37.60
IFR     2.02 207 iPg   35 14.00  -0.6
                 iSg   35 38.50
      S.D. = 1.0  on   7 of   8 obs.
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   JUN 27, 1994  03h 33m 05.60± 0.37s
   35.716 S ± 4.8km  71.194 W ± 7.6km
   DEPTH = 104.8km ( 4 depth phases)
   4.7mb ( 10 obs.)
 CENTRAL CHILE                    (136)
      MD 4.6 (SAN). Felt (III) at
      Linares and Talca; (II) at
      Curico, Molina and Rancagua.

CACH    1.67  17 iPd   33 35.82   1.1
LNV     1.76 354 iPd   33 36.35   0.6
                 iS    33 57.06
CHCH    1.83  14 iPd   33 37.21   0.5
TACH    2.07   6 iPd   33 39.93   0.2
PCH     2.16  15 iPd   33 41.57   0.5
                 iS    34 06.67
LCCH    2.26 352 iPd   33 41.58  -0.6
                 iS    34 07.84
SAN     2.30  11 iPd   33 43.04   0.2
                 iS    34 08.91
FCH     2.50  18 iPd   33 46.08   0.3
                 iS    34 14.45
PEL     2.60   9 iPd   33 47.18   0.3
                 iS    34 15.16
IHA     2.71 352 iPd   33 48.30   0.0
                 iS    34 14.30
ROCH    2.74   3 iP+   33 48.61  -0.3
                 iS    34 19.34
JACH    3.07  10 iPd   33 52.77  -0.5
                 iS    34 27.59
MDZ     3.43  35 eP    34 36.50  38.4X
                 iS    35 02.90
ZON     4.66  27 eP    34 14.20  -0.7
UFRS   17.77  77 eP    37 07.90   0.3
CCH    18.80  15 eP    37 19.00  -1.0
LPB    19.30   9 P     37 26.40   1.0
LPAZ   19.54   9 P     37 27.90  -0.2
NNA    24.17 346 eP    38 13.20  -0.2
SNA    49.74 156 iPd   41 48.60   0.0
       0.5s    29.58nm         5.5mb
SPA    54.47 180 iPc   42 24.70   0.4
       1.0s     5.00nm         4.5mb
GOGA   69.72 349 eP    44 04.33  -1.5
       0.8s    11.97nm         4.8mb
LTX    71.57 330 eP    44 15.54  -1.7
MEO    74.65 337 iPc   44 34.10  -0.9
WMOK   74.67 337 eP    44 33.95  -1.2
       1.0s    11.86nm         4.7mb
TUL    74.85 340 iPd   44 35.30  -0.8
KIC    74.98  71 P     44 37.00  -0.3
FVM    75.46 344 ePd   44 38.56  -1.0
       0.9s    32.45nm         5.1mb
                 epP   45 05.04 102km
ACO    76.59 337 iPd   44 45.70  -0.2
TUC    77.18 326 eP    44 51.03   1.7
       1.1s     8.89nm         4.5mb
ALQ    77.61 331 eP    44 52.28   0.5
       0.8s     6.44nm         4.5mb
RSNY   79.95 358 eP    45 03.81  -0.2

       0.8s     8.69nm         4.6mb
GAC    81.14 357 eP    45 10.50   0.3
GLD    81.38 334 eP    45 12.98   1.1
       0.7s    17.47nm         5.0mb
PV09   81.76 331 eP    45 14.11   0.0
GSC    82.46 324 eP    45 18.62   1.1
SRU    82.84 330 eP    45 19.47   0.0
                 epP   45 46.66 104km
ARUT   82.95 328 (P)   45 20.90   0.8
MSU    83.02 329 eP    45 21.29   0.8
                 epP   45 48.15 102km
DAU    84.24 330 eP    45 27.23   0.5
BW06   85.61 333 eP    45 32.84  -0.6
       0.9s     5.32nm         4.5mb
ULM    88.33 344 eP    45 49.00   2.9X
MCMT   88.60 332 eP    45 48.60   0.7
                 e     46 17.70 111km
GEC2  112.86  46 PKP   51 30.20  -1.1
       0.9s     0.70nm
      S.D. = 0.8  on  42 of  44 obs.
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*  JUN 27, 1994  03h 33m 16.82± 0.74s
   11.024 S ±12.2km  113.689 E ±12.1km
   DEPTH = 33.0km (normal)
   5.1mb ( 5 obs.) 4.5Msz ( 3 obs.)
 SOUTH OF JAWA, INDONESIA         (282)

KHKI    3.25  36 ePd   34 04.20  -2.5
                 eS    34 47.20
                 e     40 24.10
LEM     7.31 304 ePd   35 02.50  -1.6
                 eS    36 44.50
NANU   11.61 172 eP    35 57.00  -6.3X
                 eS    37 06.00
MBL    11.68 150 eP    36 04.00  -0.2
                 iS    38 06.00
KGM    16.56 321 eP    37 04.00  -4.3X
IPM    19.98 320 ePc   37 49.00  -0.5
DAV    21.53  34 eP    38 08.00   2.6X
WB2    21.78 117 iPc   38 07.30  -0.6
       1.0s     6.30nm         4.0mb X
SNG    22.28 324 eP    38 13.00   0.2
BIP    22.84  34 eP    38 22.00   3.6X
NNT    27.25 329 eP    39 01.80   1.7
NST    29.73 333 eP    39 23.00   0.6
BDT    31.62 332 eP    39 37.20  -1.9X
CHTO   33.02 334 eP    39 51.30  -0.1
       1.5s    66.44nm         5.3mb X
KMI    37.48 344 P+    40 32.00   2.4X
       1.2s    40.00nm         5.2mb
     Z 20s     1.00um          4.6Msz
     N 12s     0.40um
     E 12s     0.50um
                 pP    40 44.80  47kmX
                 sP    40 52.00
SSE    42.49  10 P+    41 13.00   2.3X
       0.8s    20.00nm         4.9mb
     Z 24s     0.40um          4.2MszX
                 pP    41 23.00  34kmX
                 eS    47 31.00
GBA    43.50 303 P     41 19.00  -0.1
LZH    47.77 349 Pd    41 53.50   0.4
       2.0s    66.00nm         5.3mb
     Z 18s     0.49um          4.5Msz
     N 14s     0.42um
                 pP    42 06.50  48kmX
                 sP    42 10.00
                 PP    43 48.00
TKSJ   48.76  23 P     42 02.10   1.5
WKYJ   49.57  24 P     42 10.20   3.3X
YONJ   49.63  21 P     42 08.70   1.5
BJI    50.85   2 eP    42 17.00   0.6
       1.2s    10.00nm         4.7mb
     Z 22s     0.56um          4.5Msz
DZM    51.53 109 iPc   42 28.10   6.0X
MAT    52.65  25 eP    42 25.00  -5.1X
NDI    52.92 319 iP    42 30.50  -1.7
       1.2s    39.06nm         5.2mb
GAC   144.56  11 ePKP  52 54.00   2.3
TYS   145.08  34 ePKP  52 55.93   3.1X
LMN   145.27 358 ePKP  52 57.00   4.1X
       1.0s     9.00nm
AAM   145.35  23 ePKP  52 56.75   3.6X
ELF   145.40  19 PKP   52 57.60   4.4X
FVM   145.54  35 ePKP  52 56.67   3.0X
LDN   145.58  19 PKP   52 58.05   4.5X
DLA   145.61  20 PKP   52 58.40   4.8X
```

27d 03h

RSNY 145.85 10 ePKP 52 58.22 4.2X
MIAR 145.85 42 ePKP 52 52.77 -1.5
ITR 146.00 236 ePKP 52 59.20 4.1X
e 53 18.90
YSNY 146.90 17 ePKP 52 59.52 3.7X
BINY 147.81 14 ePKP 53 01.40 4.2X
MCWV 149.05 21 ePKP 53 07.95 8.7X
GPD 149.27 12 ePKP 53 07.54 8.0X
CVL 151.03 20 ePKP 53 12.25 10.0X
CCH 151.77 180 (PKP) 53 18.00 13.6X
LPB 152.56 176 PKP 53 18.20 12.6X
LPAZ 152.80 176 PKP 53 18.90 12.7X
S.D. = 1.4 on 17 of 44 obs.

JUN 27, 1994 04h 10m 09.32± 0.37s
36.236 S ± 8.2km 98.189 W ± 8.5km
DEPTH = 10.0km (geophysicist)
5.4mb (21 obs.) 5.5Msz (33 obs.)
SOUTHERN PACIFIC OCEAN (692)
Mw 6.1 (HRV). Ms 5.6 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 61S,152C
Centroid Location:
Origin Time 04:10:15.7 0.1
Lat 36.47S 0.01 Lon 98.58W 0.01
Dep 15.0 FIX Half-duration 2.9
Moment Tensor; Scale 10**18 Nm
Mrr=-0.14 0.01 Mtt=-0.14 0.02
Mff= 0.28 0.02 Mrt= 0.33 0.05
Mrf=-0.02 0.05 Mtf=-1.73 0.02
Principal Axes:
T Val= 1.84 Plg= 7 Azm= 48
N -0.14 79 280
P -1.71 8 139
Best Double Couple:Mo=1.8*10**18
NP1:Strike=183 Dip=79 Slip= -1
NP2: 274 89 -169

PEL 22.80 90 iP 15 14.90 1.6
ARE 30.82 57 iPc 16 28.30 0.3
NNA 30.88 44 eP 16 33.00 4.8X
1.0s 13.00nm 4.8mb
MOCB 32.03 71 P 16 38.80 0.0
LPB 33.13 62 Pc 16 49.30 0.9
S 22 28.00
LR 25 44.00
LPAZ 33.27 61 Pc 16 44.20 -5.6X
CCH 34.00 65 P 16 56.50 0.7
SIV 38.63 68 P 17 34.70 0.0
UFRS 39.58 95 eP 17 41.10 -1.4
PSO 42.00 32 eP 18 04.00 1.2
BOG 46.50 34 eP 18 41.00 2.0
iS 25 46.00
BAO 48.98 79 eP 18 56.30 -2.0
BMG 49.11 34 eP 18 57.00 -2.2
ACX 52.84 358 (P) 19 32.00 4.8X
SPA 53.95 180 eP 19 31.00 -4.2X
1.0s 11.00nm 4.8mb
Z 17s 1.73um 5.2MszX
III 54.33 359 (P) 19 51.00 12.6X
PPM 55.00 359 (P) 19 48.00 4.3X
UNM 55.27 359 (P) 19 51.00 5.6X
CRX 55.36 358 (P) 19 47.50 1.4
MRX 55.71 357 (P) 19 50.00 1.8
SNA 58.28 157 e(P) 20 07.60 1.6
0.6s 13.00nm 5.2mb
ITR 60.56 79 eP 20 20.90 -1.6
i 20 21.50
i 20 23.90
e 20 38.30
e 21 00.80
MRW 65.34 236 P 20 54.00 0.2
(PcP) 21 03.70
LTX 65.42 355 eP 20 54.91 0.5
DRV 68.28 201 eP 21 13.00 1.0
eS 30 18.00
eSS 34 33.00
eSSS 38 18.00
TUC 69.20 349 eP 21 19.72 1.6
1.2s 55.03nm 5.6mb
Z 20s 1.63um 5.3Msz
SYO 70.52 165 ePc 21 25.00 -0.7
MIAR 70.55 4 (P) 21 22.48 -3.7X
1.2s 27.85nm 5.3mb
Z 19s 1.23um 5.2Msz
WMOK 70.61 359 eP 21 24.31 -2.3

1.4s 21.83nm 5.1mb
Z 19s 0.93um 5.1Msz
GOGA 70.64 13 (P) 21 28.08 1.3
1.1s 34.51nm 5.4mb
Z 20s 2.55um 5.5Msz
MEO 70.66 360 iPd 21 28.60 1.7
SGS 71.02 16 (P) 21 28.42 -0.7
ALQ 71.23 353 P 21 40.00 9.4X
Z 20s 4.20um 5.7Msz
OCO 71.40 1 iPc 21 37.10 5.8X
SIO 71.64 2 iPd 21 39.00 6.2X
TUL 71.81 2 iPd 21 31.60 -2.2
JSC 71.91 15 (P) 21 31.17 -3.3X
PEC 71.98 343 eP 21 36.81 1.9
1.9s 161.42nm 5.8mb
SSK 72.41 343 eP 21 38.83 1.2
CSP 72.41 343 eP 21 38.56 0.9
ACO 72.57 359 iPd 21 35.90 -2.4
GSC 73.25 344 (P) 21 43.74 1.3
ABL 73.39 342 eP 21 44.33 0.9
BCH 73.93 341 (P) 21 46.79 0.4
ISA 73.98 343 eP 21 46.39 -0.3
1.1s 71.28nm 5.6mb
Z 20s 2.18um 5.4Msz
FVM 74.20 6 (P) 21 46.92 -0.8
1.3s 69.15nm 5.5mb
Z 19s 2.87um 5.6Msz
PHAM 74.62 341 (P) 21 52.90 2.6X
TPNV 74.72 345 eP 21 51.08 0.0
1.4s 3685.51nm 7.2mb X
SLM 74.86 6 P 22 00.00 8.4X
Z 20s 1.48um 5.3Msz
PV10 74.92 351 eP 21 50.71 -1.6
ARUT 75.00 348 (P) 21 54.24 1.6
PV09 75.05 351 eP 21 51.80 -1.3
PV08 75.06 352 (P) 21 55.40 2.2
MSU 75.49 349 (P) 21 54.20 -1.3
MTUM 75.62 343 eP 21 56.40 0.2
SAO 75.77 341 P 22 10.00 13.1X
Z 18s 2.88um 5.6Msz
SRU 75.83 350 (P) 21 56.70 -0.7
GLD 75.89 354 (P) 21 59.17 1.5
Z 19s 1.63um 5.4Msz
TNP 76.01 345 (P) 21 58.73 0.2
0.8s 47.29nm 5.6mb
CVL 76.07 16 (P) 21 58.14 -0.4
BONR 76.13 344 (P) 21 59.62 0.4
COE 76.30 341 eP 22 00.51 0.7
ARN 76.35 341 (P) 22 01.75 1.6
MHC 76.37 341 eP 22 08.20 7.8X
Z 20s 2.50um 5.5Msz
eS 31 51.20
iPS 32 31.20
eLQ 42 20.20
eLR 45 23.20
CMB 76.70 342 eP 22 02.30 0.2
Z 19s 3.00um 5.6Msz
ePcP 22 10.30
epP 22 32.30 118kmX
esP 22 45.30
iS 31 50.30
eSPd 32 25.30
iPS 32 33.30
eSS 36 50.30
eSSS 40 09.30
eLQ 42 29.30
eLR 44 56.30
KVN 77.14 344 eP 22 05.42 0.7
HMR 77.18 341 (P) 22 05.16 0.5
DAU 77.21 350 eP 22 04.17 -1.1
DUG 77.24 349 (P) 22 06.48 1.3
1.3s 71.78nm 5.6mb
Z 20s 1.48um 5.3Msz
MCWV 77.39 14 (P) 22 03.93 -1.9
Z 19s 2.74um 5.6Msz
ELK 78.19 347 eP 22 09.58 -1.0
ORV 78.42 342 (P) 22 10.43 -1.1
HVU 78.78 349 (P) 22 11.57 -2.1
AAM 79.28 11 (P) 22 16.24 0.1
BW06 79.32 352 eP 22 14.23 -2.4
0.9s 44.69nm 5.5mb
LMEM 79.36 342 (P) 22 22.14 5.2X
WDC 79.65 341 (P) 22 16.57 -1.6
1.1s 71.22nm 5.6mb
PTI 79.79 349 (P) 22 13.81 -5.3X
GMTN 79.85 18 eP 22 23.80 4.6X
GPD 79.90 18 eP 22 16.31 -3.2X

TBR 80.08 18 (P) 22 15.42 -5.1X
RSSD 80.16 356 eP 22 20.47 -0.6
1.2s 80.90nm 5.6mb
HHAI 80.20 350 (P) 22 17.88 -3.4X
LBFM 80.21 342 eP 22 20.68 -0.8
YSNY 80.37 15 (P) 22 17.27 -4.8X
0.9s 25.56nm 5.2mb
Z 19s 1.41um 5.3Msz
HON 80.43 305 P 22 30.00 7.3X
Z 21s 2.45um 5.5Msz
BINY 80.66 17 (P) 22 16.03 -7.5X
1.2s 37.82nm 5.3mb
Z 21s 3.27um 5.7Msz
LSCT 80.84 19 P 22 30.00 5.5X
Z 19s 4.59um 5.8Msz
DZM 81.39 249 iPd 22 28.20 0.2
HRV 82.05 20 P 22 40.00 9.2X
Z 21s 2.87um 5.6Msz
LRM 82.69 350 eP 22 36.20 1.8
RSNY 83.22 17 eP 22 34.71 -2.1
0.9s 22.76nm 5.4mb
LBNH 83.57 19 P 22 50.00 11.4X
Z 20s 3.80um 5.8Msz
VGB 83.89 344 (P) 22 39.90 -0.4
GAC 84.10 16 eP 22 39.00 -2.2
SHW 84.86 343 (P) 22 50.89 5.6X
CAN 85.27 229 eP 22 47.30 -0.4
LON 85.29 344 (P) 22 41.99 -5.3X
BMW 85.36 343 (P) 22 43.73 -3.9X
DPW 85.62 347 (P) 22 47.06 -1.8
NEW 85.80 347 eP 22 49.08 -0.7
1.2s 33.77nm 5.4mb
Z 20s 1.39um 5.4Msz
TOO 85.84 226 eP 22 53.10 2.6X
0.5s 14.00nm 5.4mb
RMW 85.96 344 (P) 22 52.29 1.6
ULM 86.14 1 eP 23 06.00 14.8X
BWA 86.23 229 e(P) 22 51.20 -1.2
GMW 86.27 344 (P) 22 47.26 -4.8X
ARMA 86.82 234 eP 22 54.70 -0.8
i 33 38.80
e 39 17.60
LMN 87.08 23 eP 23 00.50 4.5X
JAQ 91.76 13 eP 23 23.50 5.7X
PAF 94.17 172 eP 23 39.00 9.7X
eS 35 09.00
WRA 105.26 231 Pdiff 24 23.90 4.1X
0.8s 0.70nm 4.7mb
SDN 105.57 328 PKP 28 40.00 6.5X
Z 20s 1.59um 5.6Msz
PMR 105.86 337 PKP 28 40.00 6.1X
Z 20s 1.60um 5.6Msz
EPF 119.21 56 ePKP 29 06.70 6.7X
1.6s 28.00nm
LPF 120.25 50 ePKP 29 06.60 4.9X
GRR 120.49 50 ePKP 29 07.50 5.3X
0.9s 11.45nm
LDF 121.03 50 ePKP 29 08.30 5.1X
LSF 121.23 53 ePKP 29 09.70 6.0X
TCF 121.68 53 ePKP 29 10.60 6.0X
1.2s 10.70nm
MAF 121.89 53 ePKP 29 11.50 6.6X
BGF 122.19 53 ePKP 29 12.00 6.5X
1.2s 14.90nm
AVF 122.60 53 ePKP 29 12.20 6.0X
1.1s 7.35nm
SSF 122.79 53 ePKP 29 12.80 6.2X
1.0s 6.80nm
SMF 122.86 53 ePKP 29 13.10 6.3X
1.2s 16.65nm
LBF 123.07 53 ePKP 29 13.40 6.2X
1.0s 9.00nm
LOR 123.08 53 ePKP 29 13.70 6.5X
Z 23s 1.70um 5.6MszX
LPL 124.39 55 ePKP 29 17.10 7.0X
1.1s 11.00nm
LPG 124.40 55 ePKP 29 17.50 7.3X
1.1s 12.95nm
HAU 124.91 52 ePKP 29 17.00 6.3X
0.9s 5.90nm
Z 23s 1.25um 5.5MszX
BSF 125.15 53 ePKP 29 17.60 6.3X
1.0s 7.80nm
CDF 125.63 52 ePKP 29 18.50 6.3X
MKS 125.75 229 iPKPc 29 13.50 0.1
WTTA 128.15 55 iPKPc 29 19.20 2.0
i 29 28.50

GRF 128.46 51 ePKP 29 19.70 2.2
e 29 30.00
MOX 128.92 50 ePKP 29 25.00 6.7X
Z 22s 0.70um 5.3Msz
KHC 129.84 53 ePKP 29 29.50 9.3X
Z 20s 0.50um 5.2Msz
N 22s 0.10um
E 22s 0.40um
e 29 35.00
CLL 129.91 50 iPKPc 29 31.70 11.5X
1.7s 32.00nm
NB2 130.15 37 PKP 29 25.50 5.1X
2.0s 38.60nm
BRG 130.42 50 iPKP 29 32.80 11.7X
2.0s 40.00nm
Z 18s 0.89um 5.5Msz
N 18s 0.66um
E 18s 0.36um
PRU 130.63 52 PKP 29 33.50 11.9X
Z 22s 0.60um 5.2Msz
N 22s 0.10um
E 22s 0.70um
HFS 131.32 38 ePKP 29 19.90 -2.7X
0.4s 0.40nm
ZST 131.95 54 ePKP 29 36.60 12.5X
SRO 132.68 55 ePKP 29 31.20 5.7X
SKO 133.64 64 ePKP 29 23.00 -4.6X
Z 19s 0.93um 5.5Msz
LR 29 30.00
KAF 137.28 35 ePKP 29 38.10 4.3X
LVZ 138.83 25 ePKP 29 41.10 4.5X
(SS) 50 28.00
KIS 139.69 58 iPKP 29 50.00 11.3X
YAK 140.77 326 ePKP 29 43.40 3.2X
1.5s 105.00nm
BNN 143.77 72 ePKP 30 03.30 16.9X
IPM 143.87 214 ePKPd 29 45.90 -1.2
OBN 143.99 44 iPKPc 29 49.00 3.0X
1.5s 105.00nm
Z 20s 1.00um 5.6Msz
N 20s 0.50um
E 20s 0.40um
i 30 09.00
e 30 27.00
i 31 02.00
ePP 32 48.00
(SKKS)40 02.00
ePS 43 30.00
(PPS) 48 52.00
iSS 53 04.00
eSSS 56 36.00
LR 19 00.00
KVT 144.25 68 ePKP 29 48.00 1.0
ANN 145.46 62 ePKP 29 50.00 1.2
1.8s 200.00nm
Z 18s 0.60um 5.4Msz
e 29 58.00
SNG 146.35 215 ePKP 29 51.50 0.3
SSE 146.99 273 ePKP 29 50.00 -1.7
Z 20s 0.90um 5.6Msz
N 18s 1.20um
i 30 20.00
PP 35 36.00
i 37 44.00
i 52 20.00
SS 57 08.00
KIV 149.32 63 ePKP 29 57.90 2.7X
1.4s 16.00nm
Z 20s 0.40um 5.2Msz
e 30 07.90
e 33 43.80
PYA 149.59 63 ePKP 30 02.00 6.5X
1.5s 130.00nm
i 30 12.00
BOD 149.59 326 ePKP 30 00.50 5.5X
KER 151.70 83 e(PKP)30 10.00 10.9X
CIT 152.55 315 ePKP 30 10.00 10.3X
BJI 152.81 289 ePKP 30 04.00 3.7X
6.0s 0.45nm
Z 22s 1.24um 5.7Msz
E 20s 1.48um
e 30 28.00
ePP 33 52.00
eSKKS 40 36.00
eSS 53 12.00
SVE 154.98 28 ePKP 30 10.00 7.3X
2.2s 64.00nm

i 30 14.80
ePPP 34 00.00
IRK 157.41 322 ePKP 30 17.00 10.9X
e 34 23.00
ZAK 159.03 319 ePKP 30 08.80 0.8
1.5s 85.00nm
e 30 47.00
e 34 29.50
BRVK 161.33 22 iPKPd 30 21.00 10.7X
MAIO 162.00 83 ePKP 30 23.00 11.3X
LZH 162.21 276 ePKP 30 14.50 2.5X
6.0s 0.39nm
Z 25s 1.52um
N 20s 1.66um
pPKP 30 21.50
PP 34 41.00
NDI 171.53 151 ePKP 30 24.00 5.1X
S.D. = 1.4 on 82 of 168 obs.

% JUN 27, 1994 04h 10m 31.66± 0.93s
39.252 N ± 6.7km 29.166 E ±10.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

ALT 0.76 105 ePg 10 46.10 -0.5
iSg 10 56.40
KHL 0.97 163 iPg 10 50.50 0.4
eSg 11 03.50
IZI 1.11 12 iPg 10 53.40 0.9
iSg 11 08.60
YLV 1.32 7 ePn 10 55.70 -0.4
EDC 1.48 318 ePn 10 58.00 -0.4
EYL 1.52 30 ePn 10 59.00 0.0
S.D. = 0.7 on 6 of 6 obs.

JUN 27, 1994 04h 11m 21.34± 0.35s
28.014 S ± 4.2km 26.722 E ± 5.0km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 4.1 (PRE).

SEK 0.85 111 iPc 11 38.20 -0.2
S 11 49.20
BFS 1.11 3 iPd 11 41.90 -0.9
S 11 55.90
BLF 1.19 203 iPc 11 45.50 1.4
S 12 02.60
PRY 1.27 32 eP 11 46.40 0.9
S 12 03.10
BOSA 1.30 242 iPd 11 49.90 4.1X
S 12 09.40
SWZ 1.49 303 iPc 11 50.10 1.2
S 12 02.90
FRS 2.12 215 iPc 11 59.20 1.3
S 12 25.50
KSR 2.15 4 eP 11 59.50 1.1
S 12 25.50
SLR 2.66 32 iPd 12 06.10 0.3
S 12 38.80
NWL 2.88 85 eP 12 09.30 0.5
S 12 45.20
BFT 3.76 53 eP 12 20.60 -0.9
S 13 11.50
PKA 3.85 244 eP 12 23.30 0.7
S 13 15.00
SOE 4.79 192 eP 12 10.90 -25.1X
S 12 47.00
UPI 4.84 265 eP 12 51.50 14.8X
S 13 49.80
GRM 5.28 181 iPc 12 42.50 -0.4
S 13 37.00
SUR 6.72 228 eP 13 02.00 -1.3
S 14 16.00
CER 8.32 228 eP 13 24.00 -1.6
S 14 48.50
WIN 10.25 300 eP 13 49.00 -3.4X
S 15 48.00
KIC 45.72 314 P 19 44.74 -0.7
1.0s 15.50nm 5.0mb
TIC 46.12 314 P 19 47.90 -0.7
0.6s 15.00nm 5.2mb
EPF 74.74 340 eP 23 04.40 0.4
0.8s 4.55nm 4.6mb
LFF 76.37 341 eP 23 13.60 0.5
1.2s 18.15nm 5.1mb
MAF 77.06 343 eP 23 17.10 0.1

SMF 77.14 344 eP 23 16.90 -0.5
0.8s 5.50nm 4.7mb
GEC2 77.39 351 P 23 10.30 -8.5X
0.8s 0.41nm 3.6mb X
e 23 19.20
e 29 19.60
e 29 27.00
e 29 33.90
e 29 50.90
AVF 77.40 344 eP 23 18.50 -0.3
1.1s 10.25nm 4.8mb
SSF 77.61 344 eP 23 19.40 -0.6
MFF 78.15 341 eP 23 22.80 -0.1
0.9s 8.50nm 4.8mb
S.D. = 0.9 on 23 of 28 obs.

% JUN 27, 1994 04h 11m 28.57± 1.07s
35.262 N ± 9.5km 4.104 W ±13.6km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.2 (MDD).

EMEL 0.94 87 eP 11 46.50 0.0
eS 11 58.80
EJIF 1.62 317 eP 12 04.50 7.2X
EGUA 1.63 15 iPc 11 56.15 -1.2
eS 12 16.00
ERON 1.77 8 eP 11 59.20 -0.3
eS 12 20.30
ELOJ 1.88 359 eP 12 03.96 2.8X
EPRU 1.93 332 eP 12 06.50 4.7X
IFR 1.94 206 iPg 12 02.00 0.0
iSg 12 26.00
ECOG 2.06 12 iPc 12 05.25 1.5
S.D. = 1.4 on 5 of 8 obs.

? JUN 27, 1994 04h 33m 21.56± 1.36s
36.843 N ±21.6km 3.006 W ± 6.7km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.2 (MDD).

EGUA 0.45 269 iPd 33 30.73 0.0
eS 33 36.50
ECOG 0.62 314 eP 33 34.20 0.0
eS 33 41.50
ENIJ 0.65 78 eP 33 34.60 0.0
eS 33 45.30
ERON 0.66 286 eP 33 34.84 0.0
eS 33 44.70
S.D. = 0.0 on 4 of 4 obs.

? JUN 27, 1994 06h 10m 57.33± 5.69s
31.925 S ±49.7km 71.036 W ±19.8km
DEPTH = 90.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.5 (SAN).

JACH 0.84 154 iP+ 11 15.36 -0.3
iS 11 30.13
ROCH 1.04 179 iP 11 18.03 0.0
iS 11 34.66
PEL 1.25 166 iPd 11 20.70 0.3
iS 11 39.05
FCH 1.53 156 iPd 11 24.57 0.3
iS 11 45.70
LCCH 1.61 196 iP 11 25.25 0.4
TACH 1.73 177 iP+ 11 26.48 0.0
iS 11 49.43
PCH 1.75 166 iP 11 26.83 0.0
iS 11 49.98
CHCH 2.03 171 iP+ 11 30.12 -0.4
iS 11 56.50
LNV 2.05 189 iP 11 30.32 -0.4
iS 11 57.09
CACH 2.22 171 iPd 11 33.15 0.0
iS 12 01.56
S.D. = 0.3 on 10 of 10 obs.

? JUN 27, 1994 06h 27m 26.19± 0.52s
15.531 S ±24.1km 171.749 W ±23.6km
DEPTH = 33.0km (normal)
3.8mb (3 obs.)
SAMOA ISLANDS REGION (169)

WRA 51.36 257 P 36 30.60 0.5
0.7s 0.80nm 3.8mb

27d 06h

SPA 74.57 180 eP 39 03.00 -0.5
1.1s 0.60nm 3.5mb
RMW 76.97 32 eP 39 16.79 -0.5
MSU 77.41 44 eP 39 20.47 0.3
PV09 79.46 45 eP 39 31.89 0.5
HHAI 79.82 40 eP 39 34.94 1.9
FBA 82.24 10 eP 39 43.69 -1.4
0.9s 1.33nm 4.0mb
RSSD 85.49 42 eP 40 01.21 -1.1
1.1s 11.32nm 5.0mb X
CLL 144.11 355 e(PKP)46 58.00 -2.1
BRG 144.45 354 e(PKP)47 04.40 3.7X
OKC 144.85 349 PKP 47 01.30 -0.1
MOX 144.87 356 ePKP 47 00.30 -1.1
1.5s 19.00nm
PRU 145.26 353 PKP 47 01.60 -0.5
GRF 145.84 357 ePKP 47 03.50 0.4
Z 15s 0.10um 4.7MszX
FLN 146.09 10 ePKP 47 03.20 -0.3
1.5s 49.60nm
KHC 146.21 354 iPKPc 47 05.00 1.2
1.1s 25.00nm
LDF 146.32 10 ePKP 47 03.90 0.0
GRR 146.39 11 ePKP 47 04.30 0.3
1.5s 50.65nm
GEC2 146.48 353 PKP 47 03.50 -0.8
1.2s 10.32nm
ZST 146.62 349 iPKP 47 05.40 1.0
LPF 146.70 11 ePKP 47 05.40 0.9
1.4s 41.40nm
CDF 147.20 1 ePKP 47 06.80 1.4
1.2s 17.25nm
HAU 147.58 2 ePKP 47 07.90 1.9X
1.1s 19.05nm
LOR 148.15 6 ePKP 47 09.50 2.6X
0.8s 7.40nm
WTTA 148.24 356 i(PKP)47 10.60 3.3X
MFF 148.24 11 ePKP 47 09.70 2.7X
SSF 148.32 6 ePKP 47 10.10 3.0X
1.1s 16.85nm
LBF 148.44 6 ePKP 47 10.40 3.0X
1.3s 19.85nm
AVF 148.57 6 ePKP 47 10.60 3.1X
BGF 148.74 7 ePKP 47 11.30 3.4X
SMF 148.76 6 ePKP 47 11.00 3.1X
LSF 148.86 9 ePKP 47 11.00 2.9X
TCF 148.92 8 ePKP 47 11.60 3.4X
MAF 149.03 8 ePKP 47 11.90 3.6X
1.6s 32.35nm
LJU 149.13 351 ePKP 47 02.50 -6.0X
ePKPab47 12.50
RJF 149.78 9 ePKP 47 13.90 4.4X
1.5s 36.05nm
LFF 150.01 11 ePKP 47 14.40 4.6X
LPL 150.08 2 ePKP 47 15.60 5.4X
LPG 150.10 2 ePKP 47 15.90 5.6X
1.4s 25.70nm
LPO 150.33 10 ePKP 47 15.20 4.9X
1.4s 42.70nm
SKO 151.30 339 iPKP 47 17.50 5.6X
EPF 151.77 12 ePKP 47 19.90 7.3X
OHR 152.29 339 ePKP 47 19.80 6.4X
S.D. = 1.0 on 21 of 43 obs.

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* JUN 27, 1994 06h 55m 58.25± 1.07s
10.822 S ±14.2km 112.534 E ±14.5km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.89 51 eP 56 57.00 -0.2
eS 57 42.00
LEM 6.27 309 iPc 57 35.00 3.9X
NANU 12.02 167 iPc 58 44.00 -6.3X
eS 00 49.00
MBL 12.44 147 eP 58 48.50 -7.4X
iS 00 54.00
WARB 20.28 141 eP 00 33.00 -1.0
eS 04 06.00
WRA 22.87 116 P 00 51.80 -8.3X
0.6s 0.20nm 2.8mb X
WB2 22.88 116 iPc 01 00.50 0.3
0.6s 9.90nm 4.5mb
ASPA 24.03 125 iPd 01 12.30 0.9
1.2s 10.40nm 4.2mb
eS 05 34.70
GBA 42.44 304 P 03 52.00 0.1

S.D. = 1.0 on 5 of 9 obs.

? JUN 27, 1994 06h 58m 35.21± 0.95s
49.801 N ±19.3km 6.718 E ± 5.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.9 (UCC).

RUP 0.24 114 eP 58 40.70 0.3
WLF 0.39 250 iPc 58 42.93 -0.3
iS 58 52.23
ABH 0.54 81 P 58 45.90 -0.3
DOU 1.40 283 P 59 01.10 0.3
S.D. = 0.6 on 4 of 4 obs.

? JUN 27, 1994 07h 16m 44.24± 1.21s
39.078 N ± 8.6km 27.714 E ±14.0km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

IZM 0.77 208 ePg 16 59.60 0.0
eSg 17 10.60
KCT 1.27 23 ePn 17 08.50 0.2
EDC 1.27 5 ePn 17 08.00 -0.3
EZN 1.31 305 ePn 17 09.00 0.1
S.D. = 0.4 on 4 of 4 obs.

JUN 27, 1994 07h 26m 53.42± 0.22s
20.506 S ± 5.5km 68.629 W ± 4.1km
DEPTH = 108.9km (9 depth phases)
5.3mb (58 obs.)
CHILE-BOLIVIA BORDER REGION (124)
Mw 5.3 (HRV). Felt (II) at
Calama and Tocopilla, Chile.
Also felt at Chuquicamata and
Maria Elena, Chile.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 21C
Centroid Location:
Origin Time 07:26:59.0 0.5
Lat 20.77S 0.06 Lon 68.99W 0.05
Dep 124.7 2.8 Half-duration 1.4
Moment Tensor; Scale 10**17 Nm
Mrr=-1.02 0.07 Mtt= 0.00 0.14
Mff= 1.02 0.13 Mrt=-0.15 0.06
Mrf=-0.08 0.08 Mtf=-0.38 0.12
Principal Axes:
T Val= 1.14 Plg= 1 Azm= 72
N -0.09 10 162
P -1.05 80 338
Best Double Couple:Mo=1.1*10**17
NP1:Strike=152 Dip=45 Slip=-104
NP2: 352 47 -76

MOCB 2.89 105 P 27 43.20 4.0X
LPB 3.98 7 iPc 28 00.80 6.9X
1.0s 1080.00nm
LPAZ 4.22 7 P 28 02.40 5.0X
ARE 4.85 326 iPd 28 04.30 -1.4
ZON 10.99 180 eP 29 18.20 -10.6X
NNA 11.57 316 iPc 29 37.00 0.5
1.0s 45.00nm 5.2mb
eS 31 48.50
PEL 12.72 188 eP 29 40.80 -10.7X
IHA 12.76 192 e(P) 30 03.00 11.1X
e(S) 32 29.00
UFRS 18.45 124 eP 30 59.20 -4.2X
BAO 20.20 80 iPc 31 22.10 0.1
ITR 31.41 73 eP 33 06.10 -0.3
i 33 07.00 3kmX
i 33 08.10
e 35 42.00
MGP 38.30 2 P 34 04.90 -0.2
CPD 38.40 4 P 34 05.20 -0.7
CLLP 38.40 3 P 34 05.20 -0.6
SJG 38.45 4 iP 34 05.80 -0.6
LPR 38.67 4 P 34 07.50 -0.7
OXX 46.43 322 (P) 35 13.00 1.7
ACX 48.16 318 (P) 35 26.00 1.4
III 49.06 320 (P) 35 32.50 0.7
PPM 49.10 321 (P) 35 33.50 1.1
UNM 49.63 321 (P) 35 37.00 0.8
MRX 51.12 319 (P) 35 48.00 0.8
CVL 58.90 351 ePd 36 43.13 0.0
epP 37 10.00 110km

esP 37 21.73
MIAR 59.67 336 eP 36 47.31 -1.1
0.6s 46.58nm 5.8mb
GRT 59.79 341 eP 36 48.08 -1.2
LTX 59.97 325 eP 36 48.06 -2.7X
LST 60.12 340 eP 36 50.87 -0.6
epP 37 17.21 107km
MCWV 60.76 350 ePd 36 55.98 0.2
0.8s 229.17nm 6.3mb
esP 37 35.07
GMTN 61.29 355 iP 37 00.40 1.0
GPD 61.45 355 eP 37 00.35 -0.1
TBR 61.55 355 eP 37 00.97 -0.2
CRNY 61.67 356 eP 37 01.39 -0.5
FVM 61.68 341 ePd 37 00.84 -1.3
0.8s 265.32nm 6.3mb
epP 37 27.26 107km
TUL 61.72 335 iPd 37 01.70 -0.7
SIO 61.79 335 iPc 37 03.00 0.2
MEO 61.92 332 iPd 37 02.30 -1.4
WMOK 61.96 332 eP 37 02.19 -1.9
0.9s 13.14nm 4.9mb
LSCT 62.01 356 eP 37 04.36 0.2
0.7s 107.54nm 6.0mb
OCO 62.07 334 iPd 37 04.00 -0.7
TYS 62.22 341 eP 37 04.73 -0.9
BINY 62.76 354 eP 37 09.34 0.2
0.9s 159.11nm 6.0mb
SNA 62.92 160 iPc 37 05.70 -4.2X
0.6s 34.67nm 5.5mb
YSNY 63.33 352 eP 37 12.74 -0.2
0.7s 177.46nm 6.1mb
ACO 63.78 333 iPc 37 14.90 -1.1
AAM 64.01 348 eP 37 16.49 -0.9
TYNO 64.12 351 P 37 17.67 -0.4
STCO 64.13 351 P 37 17.93 -0.2
KDS 64.47 64 iP 37 18.00 -2.8X
LBNH 64.50 357 eP 37 20.68 0.2
0.8s 49.95nm 5.5mb
epP 37 48.10 111km
ACTO 64.65 351 P 37 21.20 -0.3
WLVO 64.73 352 P 37 21.86 -0.1
RSNY 64.96 355 eP 37 23.43 0.0
0.7s 96.67nm 5.8mb
LMN 66.13 3 ePd 37 30.90 0.0
0.9s 30.00nm 5.2mb
JFWS 66.17 343 eP 37 30.16 -1.1
0.6s 50.67nm 5.6mb
GAC 66.18 355 eP 37 31.50 0.3
TUC 66.22 322 eP 37 32.43 0.6
1.2s 53.46nm 5.3mb
LIC 67.86 74 P 37 41.77 -0.7
0.6s 24.00nm 5.3mb
TIC 68.05 74 P 37 43.09 -0.5
0.7s 24.00nm 5.2mb
KIC 68.18 74 P 37 43.99 -0.4
0.6s 59.50nm 5.6mb
LKO 68.79 71 P 37 47.74 -0.5
0.6s 33.50nm 5.4mb
GLD 68.99 331 iPd 37 49.41 0.2
1.3s 74.14nm 5.4mb
SPA 69.63 180 iPd 37 50.20 -2.5X
1.0s 26.50nm 5.0mb
PV08 69.73 328 eP 37 54.17 0.3
PV10 69.77 327 eP 37 53.50 -0.6
PV09 69.92 327 eP 37 54.51 -0.5
SRU 71.09 327 ePd 38 01.85 -0.1
PEC 71.15 319 eP 38 02.12 -0.1
1.2s 73.94nm 5.4mb
MSU 71.51 325 iPd 38 04.75 0.2
iPcP 38 23.61
ipP 38 32.66 110km
CSP 71.54 319 eP 38 05.05 0.4
ARUT 71.67 324 ePd 38 06.19 0.7
epP 38 34.14 110km
SSK 71.69 319 eP 38 06.03 0.4
EMUT 71.76 327 ePd 38 05.96 -0.1
GSC 71.88 320 iPd 38 07.16 0.5
RSSD 72.02 334 ePd 38 07.30 -0.1
1.1s 62.74nm 5.3mb
DAU 72.44 327 ePd 38 10.20 0.1
TPNV 72.68 322 eP 38 11.89 0.5
ABL 73.06 318 eP 38 13.70 0.0
ISA 73.13 319 eP 38 14.42 0.5
0.8s 51.41nm 5.4mb
epP 38 41.39 105km
BW06 73.39 330 iPd 38 14.72 -0.8

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         1.4s     47.54nm           5.1mb
BCH      73.82 318 eP      38 18.56    0.6
TNP      74.01 322 ePd     38 19.72    0.5
         0.8s     24.63nm           5.1mb
HVU      74.22 327 eP      38 20.19    0.0
                  e        38 28.01  25kmX
JAQ      74.25 356 ePd     38 19.50   -0.4
                  pP       38 48.00 112km
MTUM     74.31 321 eP      38 21.23    0.3
PKEM     74.40 319 eP      38 22.02    0.8
PHAM     74.43 319 iPc     38 22.38    1.0
ULM      74.45 342 ePd     38 24.00   2.8X
BONR     74.56 321 eP      38 23.02    0.6
                  e        38 34.18  37kmX
                  ePcP     38 39.92
MMPM     74.76 321 ePc     38 24.44    0.8
ELK      74.76 325 ePd     38 23.43    0.0
                  ePcP     38 37.35
PTI      74.82 328 eP      38 24.12    0.4
HHAI     75.14 329 ePc     38 24.70   -0.7
KVN      75.18 322 ePd     38 26.00    0.2
CMB      75.85 320 iPd     38 29.35   -0.1
         1.4s     30.00nm           4.9mb
ARN      76.10 319 ePd     38 31.71    0.8
COE      76.13 319 ePd     38 31.90    0.9
MHC      76.16 319 iPd     38 31.84    0.5
         1.1s     50.00nm           5.3mb
BKS      76.87 319 ePd     38 35.41    0.3
LRM      77.05 330 ePd     38 36.60    0.3
NTYM     77.45 319 eP      38 39.12    0.9
ORV      77.49 321 iPd     38 39.10    0.6
         1.2s    120.00nm           5.6mb
MIN      78.06 321 iPd     38 40.67   -1.1
WDC      78.76 321 iPd     38 44.05   -1.4
         0.8s     40.00nm           5.3mb
LBFM     78.87 322 eP      38 46.40    0.1
YBH      79.59 322 ePd     38 49.16   -0.9
         1.0s     30.00nm           5.0mb
FFC      80.18 341 eP      38 52.34   -0.4
         1.1s     52.82nm           5.3mb
VGB      80.98 326 eP      38 58.09    0.9
NEW      81.02 330 eP      38 56.79   -0.6
         1.3s     25.13nm           4.9mb
DPW      81.27 329 ePd     38 59.34    0.7
SHW      82.19 326 ePc     39 04.47    0.9
EJIF     82.23  47 iPc     39 06.28    2.4
LON      82.33 326 eP      39 04.09   -0.1
RMW      82.79 327 ePd     39 06.20   -0.4
BMW      82.90 325 ePd     39 07.30    0.1
GMW      83.36 326 eP      39 09.00   -0.4
ELOJ     83.49  47 iPc     39 12.07    1.6
ELUQ     83.63  46 iPd     39 12.81    1.7
ERON     83.66  47 iPc     39 12.14    0.8
ECOG     83.96  47 iPd     39 13.89    1.1
FRB      83.97   0 eP      39 12.50    0.5
         0.6s      7.00nm           4.7mb
MCW      84.11 327 ePd     39 13.69    0.5
                  esP      39 53.54
BLF      84.28 119 iPc     39 14.20   -0.6
PAB      84.62  44 iPd     39 17.10    1.1
         1.0s     40.00nm           5.3mb
                  eS       49 38.00
EHUE     84.90  47 iPd     39 17.62    0.2
MAW      85.20 163 eP      39 13.00  -5.4X
EVIA     85.38  46 iPc     39 21.12    1.2
EPF      89.43  43 eP      39 39.60    0.4
         0.7s      3.95nm           4.6mb
YKA      90.34 340 P       39 43.20    0.3
         0.7s     27.00nm           5.5mb
LFF      90.61  42 eP      39 44.70    0.2
         0.8s     52.25nm           5.8mb
LPO      90.76  42 eP      39 45.50    0.2
         1.0s     20.60nm           5.3mb
MFF      90.87  40 eP      39 45.80    0.1
         1.0s     30.00nm           5.4mb
LPF      91.05  38 eP      39 46.10   -0.3
         1.3s     26.00nm           5.3mb
RJF      91.26  42 eP      39 47.50    0.0
         1.0s     22.80nm           5.4mb
GRR      91.33  38 eP      39 47.30   -0.4
         0.9s     14.10nm           5.2mb
CAF      91.43  42 eP      39 48.40    0.0
         1.0s     19.40nm           5.3mb
LSF      91.72  41 eP      39 49.60    0.0
         0.9s     17.35nm           5.3mb
LDF      91.86  38 eP      39 49.90   -0.3
         0.7s      6.50nm           5.0mb
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TCF      92.15  41 eP      39 51.40   -0.2
         1.0s     11.60nm           5.1mb
MAF      92.34  41 eP      39 52.50    0.0
         1.0s     14.40nm           5.2mb
BGF      92.67  41 eP      39 53.90   -0.1
         1.1s     30.05nm           5.5mb
AVF      93.08  41 eP      39 55.60   -0.3
         1.2s     11.60nm           5.1mb
SSF      93.30  41 eP      39 56.40   -0.5
         1.1s     11.00nm           5.1mb
SMF      93.32  41 eP      39 57.10    0.1
         1.1s     27.85nm           5.5mb
CSY      93.47 180 iPd     39 58.80    1.4
         0.9s     38.30nm           5.7mb
                  i        40 27.70 109km
LRG      93.55  45 eP      39 58.80    0.7
         1.2s     30.35nm           5.5mb
LBF      93.55  41 eP      39 57.70   -0.4
         0.9s      6.90nm           5.0mb
LMR      93.59  45 eP      39 58.70    0.4
         1.2s     23.20nm           5.4mb
LOR      93.61  41 eP      39 57.70   -0.6
         1.1s     14.90nm           5.3mb
LPG      94.65  43 eP      40 04.30    0.8
         1.1s     10.25nm           5.1mb
BSF      95.64  41 eP      40 07.30   -0.5
CDF      96.18  41 eP      40 09.80   -0.4
         0.9s      7.35nm           5.2mb
WTTA     98.45  43 i(P)    40 20.90    0.4
INK     100.10 340 ePdiff40 28.00      0.6
MBC     101.31 349 ePdiff40 33.50      0.9
KLU     101.92 331 ePdiff40 33.82     -2.0
OBN     115.25  38 iPKPc 45 23.00     -0.3
         0.9s     19.00nm
ILT     116.36 337 ePKP  45 23.00     -2.0
CTAO    127.15 222 ePKP  45 45.35     -1.8
ARU     127.21  34 ePKP  45 46.74      0.5
                  epPKP 46 15.95
SVE     128.11  33 ePKP  45 29.00 -18.9X
                  e      45 46.90
ASPA    130.91 208 iPKPc 45 52.30     -2.0
                  iPKS  49 15.00
MAIO    132.28  59 ePKP  45 56.00     -0.6
                  e      46 26.00
WB2     133.93 211 iPKPc 45 58.30     -1.8
         0.7s      9.10nm
WRA     133.94 211 PKP   45 58.80     -1.3
         0.7s      6.10nm
BRVK    134.76  34 iPKPd 46 00.00     -0.6
         1.4s     14.00nm
YAK     136.61 348 ePKP  46 03.20     -0.7
         1.0s     40.00nm
BOD     142.65 358 ePKP  46 09.30    -5.6X
YSS     143.30 323 ePKP  46 11.50    -4.8X
KUSJ    144.17 317 PKP   46 15.10    -2.8X
ASAJ    144.95 319 PKP   46 18.90     -0.4
HOOJ    145.43 316 PKP   46 19.90     -0.2
MRRJ    146.82 318 PKP   46 24.10      1.7
GBA     146.89  96 PKPd  46 22.70     -0.6
         0.9s     24.00nm
GUA     147.23 263 ePKP  46 23.70     -0.2
         0.9s    201.68nm
GUMO    147.29 263 ePKP  46 23.20     -0.7
         1.0s    312.20nm
PJG     147.29 263 ePKP  46 22.40     -1.5
NDI     147.98  68 ePKP  46 25.00      0.3
         1.2s    171.88nm
OFUJ    148.06 312 ePKP  46 26.40      1.9
CIT     148.52 357 ePKP  46 25.80      0.9
HYB     148.84  90 ePKP  46 26.30     -0.1
ZAK     149.51  10 iPKPd 46 27.00      0.6
         1.5s    203.00nm
KAKJ    150.36 308 PKP   46 33.20     5.1X
NIIJ    150.77 311 PKP   46 33.40     4.7X
CHJJ    151.29 309 ePKP  46 35.60     6.0X
MAJO    151.65 310 iPKPc 46 36.11     6.0X
MAT     151.65 310 ePKP  46 32.00      1.9
MTMJ    151.92 310 ePKP  46 36.40     5.8X
IIDJ    152.33 308 ePKP  46 37.20     6.0X
TSRJ    153.71 310 ePKP  46 41.00     8.0X
BJI     160.10 349 ePKP  46 40.50     -0.2
         1.2s     16.00nm
                  e      47 10.00
LZH     163.13  21 PKPd  46 44.50      0.4
         1.5s     34.00nm
                  pP     47 14.50
                  sP     47 36.50
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SSE     166.25 322 ePKP  46 47.40   0.6
         1.0s     12.00nm
                  i      47 47.60
     S.D. = 0.8  on 168 of 192 obs.
--------------------------------------
* JUN 27, 1994  07h 47m 10.88± 1.07s
  53.933 N ±20.8km  163.592 W ±11.8km
  DEPTH =  33.0km  (normal)
  4.7mb ( 14 obs.)
 UNIMAK ISLAND REGION            ( 10)
    ML 4.2 (PMR).

SDN       2.29  51 eP     47 48.07   1.1
KDC       7.32  54 eP     48 58.30   0.2
ADK       8.18 261 eP     49 08.30  -1.8
SVW       8.37  28 eP     49 11.32  -1.5
TTA       9.85  21 eP     49 29.40  -3.9X
PMS      10.49  40 eP     49 40.60  -1.4
          0.3s     4.00nm          5.1mb
KLU      12.08  44 eP     50 00.00  -3.5X
TOA      12.30  41 eP     50 04.70  -1.8
          0.4s     7.20nm          5.2mb
INK      20.14  33 eP     51 43.00  -1.4
YKA      26.57  52 eP     52 49.00   1.8
          0.5s     1.30nm          3.8mb
ULM      40.34  67 eP     54 50.00   3.5X
MAT      43.20 271 (P)    55 10.00  -0.1
          1.0s    13.00nm          4.6mb
FRB      45.64  38 eP     55 30.00   0.7
          0.9s     5.00nm          4.4mb
DAG      47.67  10 iPd    55 43.00  -2.2
          0.5s    10.56nm          5.1mb
LTX      49.32  95 eP     55 56.63  -2.1
SDF      58.74 356 iP     57 07.60   0.4
LZH      63.16 295 eP     57 37.00  -0.8
          1.5s    24.00nm          5.1mb
KAF      64.04 355 iP     57 42.80  -0.1
          0.3s     2.90nm          4.9mb
NB2      65.30   3 P      57 51.20   0.0
          0.9s     4.80nm          4.6mb
NUR      65.72 356 eP     57 43.20 -10.6X
HFS      66.26   1 eP     57 56.40  -0.9
          0.5s     4.50nm          4.8mb
GRF      76.66   3 e(P)   59 01.70   2.1
KHC      77.28   2 eP     59 05.40   2.3
GEC2     77.57   2 PKP    59 05.90   1.1
          0.8s     2.30nm          4.3mb
CDF      77.74   6 eP     59 06.50   0.8
HAU      78.08   7 eP     59 08.40   0.9
BSF      78.28   7 eP     59 08.80   0.1
LOR      78.61   9 eP     59 11.40   1.0
          0.8s     5.50nm          4.6mb
SSF      78.79   9 eP     59 12.40   1.0
          0.8s     4.45nm          4.5mb
LBF      78.91   9 eP     59 12.70   0.6
          0.7s     2.45nm          4.3mb
     S.D. = 1.4  on  26 of  30 obs.
--------------------------------------
? JUN 27, 1994  07h 47m 54.20± 1.16s
  39.093 N ± 8.5km   27.635 E ±13.8km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
    ML 2.8 (ISK).

IZM       0.75 203 ePg    48 08.90  -0.1
                   eSg    48 20.90
EZN       1.25 306 ePn    48 17.60   0.2
EDC       1.26   8 ePn    48 17.00  -0.7
KCT       1.28  26 ePn    48 18.50   0.5
     S.D. = 0.9  on   4 of   4 obs.
--------------------------------------
? JUN 27, 1994  08h 52m 36.07± 1.13s
  39.223 N ± 8.3km   27.721 E ±12.9km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)
    ML 2.8 (ISK).

IZM       0.90 204 ePg    52 53.30   0.0
                   eSg    53 08.10
EDC       1.13   6 ePn    52 57.00  -0.2
KCT       1.14  25 ePn    52 57.50   0.2
EZN       1.24 300 iPn    52 59.10   0.1
     S.D. = 0.3  on   4 of   4 obs.
--------------------------------------
* JUN 27, 1994  09h 04m 56.97± 0.74s
   1.298 N ± 9.5km  126.144 E ±11.0km
  DEPTH =  10.0km  (geophysicist)
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27d 09h

5.1mb (2 obs.)
NORTHERN MOLUCCA SEA (266)

TNE 1.29 113 eP 05 20.00 -0.8
CTB 6.17 342 iPd 06 31.00 0.6
BIP 6.88 1 iP 06 40.50 0.1
TSM 8.78 290 eP 07 06.00 -0.9
WB2 22.59 160 iPc 09 59.50 0.4
0.4s 29.30nm 5.1mb
iS 14 01.90
ASPA 25.94 164 eP 10 32.10 0.8
0.5s 17.70nm 5.0mb
S.D. = 0.9 on 6 of 6 obs.

JUN 27, 1994 09h 49m 51.64± 0.17s
13.615 S ± 4.6km 167.213 E ± 6.2km
DEPTH = 194.0km (7 depth phases)
5.0mb (25 obs.)
VANUATU ISLANDS (186)
Mw 5.2 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 11C
Centroid Location:
Origin Time 09:49:57.9 0.9
Lat 13.36S 0.10 Lon 167.16E 0.09
Dep 208.4 5.6 Half-duration 1.2
Moment Tensor; Scale 10**16 Nm
Mrr= 6.25 0.68 Mtt= 1.78 1.65
Mff=-8.03 2.04 Mrt=-0.13 1.09
Mrf=-0.93 1.36 Mtf=-0.61 1.10
Principal Axes:
T Val= 6.31 Plg=86 Azm= 90
N 1.82 0 184
P -8.13 4 274
Best Double Couple:Mo=7.2*10**16
NP1:Strike= 4 Dip=41 Slip= 90
NP2: 183 49 90
BKM 4.15 166 iPd 50 57.00 1.3
HNR 8.24 300 eP 51 52.00 2.9X
eS 53 29.00
DZM 8.44 185 iPc 51 51.50 -0.2
iS 53 21.00
NOUC 8.48 186 iPd 51 52.00 -0.1
iS 53 22.90
ARMA 22.06 218 iPd 54 32.80 1.4
iS 58 23.10
CNB 26.94 214 iPd 55 17.10 0.1
1.0s 49.00nm 5.2mb
TOO 30.72 215 iPc 55 50.20 -0.3
0.4s 25.00nm 5.3mb
WB2 32.05 254 iPc 56 00.60 -1.6
1.0s 17.10nm 4.7mb
iPcP 58 46.60
iS 00 55.00
iScP 02 13.10
ASPA 33.03 247 iPc 56 09.00 -1.8
0.4s 35.30nm 5.4mb
epP 56 52.30 210kmX
iPcP 58 48.90
iS 01 09.50
iScP 02 16.10
WARB 39.98 245 iPd 57 09.00 0.0
MBL 45.70 254 eP 57 55.00 -0.1
OPA 48.94 45 eP 58 19.55 -0.7
HKL 49.52 47 eP 58 25.22 0.1
NANU 49.73 252 iPd 58 26.30 0.0
0.5s 6.00nm 4.4mb
PPR 53.43 293 iPd 58 54.00 0.0
BAG 54.89 301 ePc 59 04.00 -0.8
KAKJ 55.75 334 eP 59 10.20 -0.2
CHJJ 56.13 333 eP 59 11.60 -1.6
IIDJ 56.16 331 P 59 13.30 -0.2
WKYJ 56.28 329 P 59 14.60 0.3
TKSJ 56.90 327 P 59 18.60 0.0
MAT 56.90 332 eP 59 18.00 -0.6
1.1s 34.18nm 5.0mb
MTMJ 57.12 332 P 59 20.20 0.0
NIIJ 57.12 333 eP 59 19.40 -0.7
TSRJ 57.13 330 P 59 20.50 0.3
YAMJ 57.47 335 eP 59 23.20 0.7
KUMJ 57.59 324 eP 59 23.30 -0.1
OFUJ 57.59 337 P 59 23.50 0.1
YONJ 58.13 328 P 59 27.20 0.0
SHNJ 58.60 325 eP 59 29.70 -0.7
LEM 58.92 270 ePd 59 30.00 -3.3X
KUSJ 60.09 341 P 59 40.00 -0.4
MRRJ 60.72 338 eP 59 45.10 0.4
ASAJ 61.67 340 P 59 52.40 1.3
SSE 62.68 316 iPc 59 57.90 -0.1
1.2s 53.00nm 5.3mb
YSS 64.23 342 ePc 00 08.00 0.2
1.0s 90.00nm 5.6mb
SBA 64.24 180 iPc 00 07.90 0.4
PET 66.77 354 eP 00 24.00 0.2
1.0s 60.00nm 5.3mb
BJI 71.37 321 eP 00 52.50 0.3
1.2s 24.00nm 4.8mb
KMI 73.68 302 P+ 01 07.00 0.6
1.2s 70.00nm 5.3mb
BDT 73.98 293 eP 01 06.80 -1.1
CHTO 74.57 294 iPc 01 11.90 0.6
1.1s 44.46nm 5.1mb
SPA 76.47 180 iPc 01 20.60 -0.8
0.8s 12.92nm 4.7mb
LZH 77.53 312 iPc 01 29.50 1.7
1.5s 159.00nm 5.5mb
pP 02 16.00 192km
CIT 80.05 330 eP 01 41.80 0.9
SVW 80.11 17 eP 01 42.77 1.8
0.9s 19.52nm 4.8mb
YAK 80.93 343 iPc+ 01 45.90 0.7
1.1s 255.00nm 5.9mb
eS 11 44.00
SLKM 81.31 20 eP 01 44.89 -2.4
e 02 32.43 195km
ILT 81.93 5 iPc 01 50.00 -0.2
1.3s 81.00nm 5.3mb
e 02 37.00 192km
PMS 82.08 20 eP 01 51.60 0.4
1.0s 13.80nm 4.6mb
PMR 82.47 19 eP 01 52.90 -0.3
0.3s 2.70nm 4.5mb
BOD 83.40 335 eP 01 58.00 0.0
KLU 83.47 21 eP 01 58.40 0.0
BALM 84.43 22 eP 02 03.49 0.2
e 02 50.30 190km
IMA 84.59 15 ePc 02 04.55 0.5
1.5s 23.78nm 4.7mb
ZAK 84.61 325 iPc 02 05.00 0.8
1.5s 148.00nm 5.5mb
CMB 84.92 49 eP 02 06.01 -0.1
0.9s 6.56nm 4.4mb
IRK 84.97 327 eP 02 06.00 0.0
1.4s 28.00nm 4.8mb
FBA 85.31 18 eP 02 06.49 -0.9
0.7s 0.19nm 3.0mb X
ipP 02 54.03 193km
PLM 85.99 54 iPc 02 11.87 0.2
GSC 86.67 53 eP 02 14.30 -0.5
GMW 86.95 40 eP 02 16.15 0.4
RMW 87.52 40 eP 02 18.80 0.2
TPNV 87.63 51 eP 02 18.13 -1.4
BRW 88.16 11 eP 02 22.00 1.0
ARUT 90.02 51 eP 02 30.87 0.2
epP 03 20.35 200km
NEW 90.76 40 eP 02 32.99 -0.7
0.8s 2.70nm 4.3mb
epP 03 22.05 198km
GBA 92.92 283 P 02 44.00 -0.2
PV10 93.52 52 eP 02 46.69 -0.2
YKA 96.59 27 eP 02 59.50 -0.5
0.8s 1.90nm 4.5mb
LPB 117.68 117 PKP 08 15.40 -2.2
LPAZ 117.76 117 PKP 08 17.30 -0.7
OBN 123.72 328 iPKPd 08 27.50 0.1
KIV 124.04 314 ePKP 08 29.40 0.8
1.2s 19.00nm
KAF 124.14 339 ePKP 08 26.40 -1.6
0.5s 8.80nm
NUR 125.82 338 iPKP 08 30.90 -0.4
0.7s 25.20nm
NB2 129.54 345 PKP 08 37.40 -1.1
0.9s 6.30nm
HFS 129.65 343 ePKP 08 38.20 -0.5
0.4s 1.50nm
NAO 129.82 345 PKP 08 39.20 0.2
UZH 134.65 328 ePKP 08 49.00 0.5
1.0s 31.00nm
OKC 135.91 331 ePKP 08 51.50 0.6
e 12 51.00
(Sg) 13 21.60
BRG 136.98 335 iPKP 08 53.30 0.4
1.5s 20.00nm
CLL 137.02 336 iPKP 08 53.00 0.1
1.2s 21.00nm
PRU 137.41 334 PKP 08 53.50 -0.2
ZST 137.55 330 ePKP 08 54.40 0.3
e 14 13.90
MOX 138.08 337 ePKP 08 54.90 -0.1
1.5s 14.00nm
KHC 138.47 334 ePKP 08 56.20 0.4
GEC2 138.63 334 PKP 08 48.00 -8.2X
0.9s 1.82nm
e 08 50.70
e 08 56.10
GRF 139.00 336 ePKP 08 49.40 -7.3X
e 08 58.50
SKO 139.05 320 ePKP 08 47.00 -10.0X
i 08 56.00
TNS 139.59 339 ePKPc 08 44.70 -13.1X
TNS 139.59 339 ePKPd 08 58.10 0.3
OHR 139.93 320 ePKP 08 49.80 -8.9X
LJU 140.31 330 ePKP 08 59.00 -0.1
CDF 141.53 338 ePKP 08 55.10 -6.3X
0.8s 9.00nm
CTI 141.66 332 PKP 09 01.45 -0.3
0.7s 7.40nm
BSF 142.19 338 ePKP 08 57.10 -5.5X
1.1s 19.55nm
HAU 142.20 339 ePKP 08 57.30 -5.2X
1.0s 19.40nm
VAI 143.05 335 PKP 09 01.19 -2.7X
0.7s 72.10nm
SFI 143.16 330 PKP 09 02.77 -1.4
1.0s 52.60nm
PGD 143.26 330 PKP 09 00.61 -4.0X
1.1s 82.00nm
ASS 143.37 328 PKP 09 01.99 -2.7X
0.7s 19.40nm
FLN 143.51 346 ePKP 09 01.30 -3.3X
0.7s 16.00nm
ORO 143.57 335 PKP 09 02.67 -2.3
0.7s 37.90nm
LDF 143.58 346 ePKP 09 01.60 -3.1X
0.8s 9.80nm
SGO 143.61 323 PKP 09 02.84 -2.2
0.8s 10.90nm
BOB 143.63 333 PKP 09 03.26 -1.8
0.9s 92.40nm
BDI 143.65 331 PKP 09 02.26 -2.9X
0.8s 7.10nm
LOR 143.67 341 ePKP 09 03.00 -2.0
0.7s 10.35nm
MGR 143.73 322 PKP 09 02.45 -2.8X
0.7s 34.30nm
MNS 143.85 327 PKP 09 03.28 -2.2
0.7s 59.70nm
RFI 143.88 325 PKP 09 06.01 0.6
1.7s 247.90nm
LBF 143.89 340 ePKP 09 03.50 -1.9
0.6s 8.75nm
GRR 143.94 346 ePKP 09 03.20 -2.2
0.5s 15.80nm
PII 143.95 331 PKP 09 02.95 -2.5X
1.3s 79.50nm
SSF 143.97 341 ePKP 09 04.10 -1.4
1.2s 99.95nm
GRI 144.00 320 PKP 09 04.90 -0.9
0.9s 266.00nm
LPL 144.16 336 ePKP 09 04.90 -1.3
0.8s 27.65nm
LPG 144.17 336 ePKP 09 05.10 -1.2
0.7s 27.65nm
SMF 144.23 340 ePKP 09 04.60 -1.3
1.0s 65.40nm
RMP 144.24 327 PKP 09 05.25 -0.9
0.7s 175.30nm
AVF 144.26 341 ePKP 09 04.60 -1.3
0.8s 41.90nm
RDP 144.27 327 PKP 09 05.44 -0.8
1.1s 366.40nm
LPF 144.32 346 ePKP 09 04.80 -1.2
0.6s 41.50nm
CKI 144.41 334 PKP 09 04.96 -1.4
1.0s 241.70nm
BNI 144.57 336 PKP 09 06.73 0.0
1.0s 91.70nm
BGF 144.63 341 ePKP 09 06.00 -0.6
0.7s 75.65nm

SOI 144.67 319 PKP 09 06.80 -0.1
1.1s 276.70nm
GMB 144.73 319 PKP 09 06.69 -0.6
1.1s 199.90nm
GRN 144.77 337 PKP 09 07.31 0.3
DOI 144.79 335 PKP 09 05.32 -1.7
0.9s 23.70nm
PLDF 144.90 340 PKP 09 07.60 0.4
SURF 144.98 335 PKP 09 07.87 0.3
AGO 144.98 341 PKP 09 07.60 0.3
ATN 144.99 319 PKP 09 06.09 -1.4
0.8s 14.40nm
MAF 145.01 341 ePKP 09 07.50 0.2
1.2s 120.80nm
TCF 145.06 342 ePKP 09 07.60 0.2
0.8s 60.45nm
SAOF 145.08 334 PKP 09 07.63 0.1
AUTN 145.12 334 PKP 09 08.04 0.2
SSB 145.18 338 PKP 09 08.52 0.9
TOUF 145.18 334 PKP 09 08.10 0.2
SBF 145.23 334 ePKP 09 07.80 0.0
1.0s 209.60nm
AURF 145.25 334 PKP 09 08.00 0.1
PYM 145.29 340 PKP 09 08.79 0.9
LSF 145.30 342 ePKP 09 08.40 0.6
1.4s 170.75nm
MVIF 145.32 334 PKP 09 08.37 0.3
REVF 145.36 334 PKP 09 08.22 0.2
MFF 145.44 345 ePKP 09 08.70 0.7
1.1s 124.55nm
CALN 145.55 334 PKP 09 08.41 0.0
PGF 145.56 331 ePKP 09 08.90 0.4
0.8s 125.20nm
MNO 145.61 320 PKP 09 09.90 1.1
0.8s 81.50nm
LBL 145.67 340 PKP 09 10.30 1.8
GANF 145.75 336 PKP 09 09.58 0.9
FRF 145.81 335 ePKP 09 09.40 0.7
0.8s 95.35nm
VILF 145.95 336 PKP 09 10.50 1.5
TAVF 146.00 335 PKP 09 10.39 1.3
PZI 146.01 318 PKP 09 10.90 1.6
0.9s 34.40nm
LRG 146.01 335 ePKP 09 10.40 1.4
1.0s 102.00nm
LMR 146.05 334 ePKP 09 10.30 1.2
1.0s 121.60nm
USI 146.06 322 PKP 09 10.31 1.1
0.9s 161.20nm
RJF 146.16 342 ePKP 09 10.80 1.6
0.9s 38.15nm
PRAF 146.20 336 PKP 09 11.23 1.8
ITR 146.21 130 ePKP 09 09.50 -0.7
i 09 10.50
e 09 20.30
e 10 10.70
PUYF 146.22 335 PKP 09 11.11 1.7
TREF 146.27 336 PKP 09 12.26 2.8X
CAF 146.33 341 ePKP 09 11.50 1.9
1.1s 52.75nm
BERF 146.40 335 PKP 09 11.69 1.9
GELF 146.45 336 PKP 09 11.82 2.0
FAI 146.65 320 PKP 09 12.59 2.4
1.3s 77.00nm
LFF 146.72 342 ePKP 09 12.40 2.3
0.7s 40.80nm
LPO 146.82 342 ePKP 09 12.80 2.5X
0.8s 42.85nm
CGL 147.80 327 PKP 09 12.09 -0.1
1.3s 43.10nm
MTHF 147.93 339 PKP 09 16.20 4.0X
PERF 148.20 338 PKP 09 16.29 3.7X
ETER 148.37 338 iPKPd 09 16.13 3.3X
EPF 148.58 341 ePKP 09 17.90 4.7X
1.0s 22.80nm
PAND 148.64 339 PKP 09 18.15 4.6X
ENSF 148.78 341 PKP 09 19.34 5.7X
EGRA 149.54 342 iPKPc 09 20.26 5.7X
ECRI 149.77 345 iPKPc 09 21.35 6.3X
EMON 149.91 352 iPKPc 09 20.63 5.4X
ESEL 150.52 335 iPKPc 09 18.47 2.3
STS 150.60 354 iPKPc 09 22.43 6.2X
ERUA 150.91 351 ePKP 09 23.09 6.4X
ETOR 151.32 343 iPKPc 09 24.83 7.3X
ECHE 152.11 340 iPKPc 09 26.41 7.8X
PAB 153.12 345 ePKP 09 20.50 0.4
EVIA 153.46 342 iPKPc 09 29.54 8.9X

ERON 155.35 343 iPKPc 09 32.32 9.1X
KIC 169.29 228 PKP 09 37.12 -0.1
1.0s 25.50nm
LKO 171.87 241 PKP 09 38.34 -0.1
1.0s 37.00nm
S.D. = 1.0 on 156 of 191 obs.

% JUN 27, 1994 10h 00m 39.12± 1.61s
16.728 N ±17.1km 98.518 W ± 9.1km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF GUERRERO, MEXICO (58)

ACX 1.29 276 eP 01 03.00 -0.1
iS 01 18.00
OXX 1.75 78 iP 01 10.00 0.0
iS 01 28.00
III 1.87 331 iP 01 11.00 -0.7
iS 01 32.00
PPM 2.33 357 iP 01 18.00 -0.6
iS 01 45.50
UNM 2.67 346 (P) 01 15.50 -7.6X
CRX 2.88 338 (P) 01 27.50 1.2
LVVM 3.58 33 (P) 01 41.00 5.2X
S.D. = 1.1 on 5 of 7 obs.

% JUN 27, 1994 10h 01m 19.87± 0.65s
40.018 N ± 5.9km 28.064 E ± 5.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

KCT 0.32 44 iPg 01 26.50 -0.1
EDC 0.36 335 iPg 01 27.00 -0.3
eSg 01 33.00
MFT 0.97 322 iPn 01 38.50 0.1
IZI 1.13 73 iPn 01 41.50 0.5
YLV 1.14 61 ePn 01 41.00 -0.3
CTT 1.16 14 iPn 01 41.60 0.0
EZN 1.35 262 iPn 01 45.20 0.5
IZM 1.73 201 ePn 01 49.80 -0.5
S.D. = 0.4 on 8 of 8 obs.

% JUN 27, 1994 10h 30m 40.84± 3.79s
47.777 N ±10.3km 3.598 W ±30.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)

LPF 1.74 81 Pn 31 12.60 1.4
Pg 31 15.50
Sg 31 39.20
GRR 1.94 71 Pn 31 14.60 0.5
Pg 31 19.70
Sg 31 45.40
FLN 2.30 64 Pn 31 19.20 -0.2
Pg 31 25.50
Sg 31 55.80
LDF 2.47 69 Pn 31 22.00 0.3
Pg 31 28.80
Sg 32 01.20
MFF 2.63 115 Pn 31 25.90 1.8
Pg 31 33.20
Sg 32 10.30
LSF 3.83 112 Pn 31 41.60 0.5
Pg 31 55.60
Sg 32 47.60
LFF 4.13 132 Pn 31 46.10 0.8
Sn 32 35.50
Sg 32 57.40
TCF 4.24 108 Pn 31 47.10 0.1
Pg 32 03.70
Sg 33 00.90
HYF 4.26 95 Pn 31 46.30 -0.9
Sg 33 00.70
RJF 4.31 123 Pn 31 48.00 0.1
Pg 32 03.50
Sg 33 03.70
MAF 4.50 108 Pn 31 50.30 -0.2
Sn 32 40.50
Sg 33 06.60
LPO 4.54 131 Pn 31 51.50 0.4
Sg 33 10.10
BGF 4.56 103 Pn 31 51.20 -0.3
Sg 33 10.60
AVF 4.83 99 Pn 31 54.70 -0.6
Sg 33 16.50
CAF 4.85 124 Pn 31 55.60 0.0
Sg 33 20.40

SSF 4.88 96 Pn 31 55.10 -0.8
Sg 33 18.30
LOR 5.08 93 Pn 31 58.30 -0.5
Sn 32 54.70
Sg 33 24.30
SMF 5.19 100 Pn 32 00.30 -0.1
Sg 33 28.50
LBF 5.21 96 Pn 31 59.40 -1.2
Sn 32 56.80
Sg 33 30.20
EPF 5.50 148 Pn 32 03.70 -1.1
Sg 33 38.80
HAU 6.69 84 Pn 32 18.20 -3.4X
Sg 34 17.50
BSF 7.00 86 Pn 32 23.40 -2.6X
Sg 34 25.40
S.D. = 0.8 on 20 of 22 obs.

& JUN 27, 1994 10h 53m 04.32s
35.031 N 116.990 W
DEPTH = 7.6km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.5 (PAS), 3.4 (GS).
Felt at Daggett.

BLKC 0.20 287 P 53 08.36 -0.1
GSC 0.31 29 iPd 53 10.22 -0.5
XMS 0.57 329 P 53 15.18 -0.7
WSHM 0.73 326 P 53 17.18 -1.7
DTP 0.74 289 P 53 17.77 -1.4
CALC 0.79 276 P 53 18.71 -1.2
CSP 0.79 203 iPd 53 18.82 -1.2
eS 53 32.20
CLC 0.93 328 P 53 21.14 -1.2
WSCM 0.99 313 P 53 22.50 -0.9
TOW 1.00 321 P 53 21.44 -2.1
SSK 1.00 216 ePd 53 22.47 -1.2
eS 53 36.41
RCWM 1.06 330 P 53 23.92 -0.7
WBSM 1.07 299 P 53 24.14 -0.7
SNDC 1.08 276 P 53 24.68 -0.3
CFL 1.10 231 P 53 24.03 -1.3
NMC 1.10 318 P 53 25.00 -0.3
PEM 1.13 220 P 53 24.80 -0.9
VPEM 1.14 324 P 53 25.55 -0.4
PEC 1.14 187 ePd 53 25.04 -1.0
GRP 1.16 101 P 53 24.46 -1.9
WORM 1.22 303 P 53 26.34 -1.0
LHU 1.22 253 P 53 26.17 -1.2
WCHM 1.23 314 P 53 26.57 -1.0
STTC 1.23 259 P 53 27.22 -0.3
SME 1.24 194 P 53 26.65 -1.0
BMTC 1.32 275 P 53 27.64 -1.4
WHVM 1.34 291 P 53 27.97 -1.3
ISA 1.37 298 iPc 53 28.37 -1.4
WSP 1.38 252 P 53 28.79 -1.2
THC 1.38 265 P 53 29.71 -0.4
TEJ 1.41 279 P 53 29.09 -1.2
QAL 1.45 259 P 53 30.97 0.0
WOFM 1.50 290 P 53 30.35 -1.3
ARVC 1.51 274 P 53 32.18 0.4
PYR 1.51 253 P 53 31.93 0.0
WLHM 1.55 316 P 53 32.06 -0.6
CTW 1.63 145 P 53 34.16 0.6
PLM 1.68 176 ePnd 53 32.81 -1.5
iPg 53 34.80
eS 53 55.71
LOK 1.75 261 P 53 36.29 0.9
ABL 1.84 265 ePn 53 34.90 -1.8
ePg 53 37.86
MARC 1.93 270 P 53 37.59 -0.2
FRK 1.98 145 P 53 40.84 2.4
RYS 1.98 259 P 53 40.97 2.2
TPNV 2.01 17 ePn 53 37.53 -1.5
ePg 53 41.47
eS 54 09.68
LPC 2.30 257 P 53 46.40 3.0
PKM 2.33 267 P 53 46.82 3.1
BCH 2.54 274 ePn 53 44.48 -2.2
ePg 53 50.17
SCCM 2.61 269 P 53 51.95 4.3
PKEM 2.74 293 ePn 53 49.26 -0.2
PHBM 2.80 297 P 53 55.65 5.4
PHAM 2.90 287 ePn 53 50.71 -1.0
TNP 3.05 357 ePn 53 52.71 -1.3
ePg 54 00.20
BONR 3.10 340 ePn 53 53.82 -1.0

27d 10h

ePg 54 03.23
ARUT 3.97 45 ePn 54 05.20 -1.8
CMB 4.06 319 ePn 54 07.55 -0.6
MSU 5.20 47 ePn 54 23.24 -1.3
ePg 54 39.00
ELK 5.87 13 (Pn) 54 34.59 0.6
ePg 54 53.38
DUG 6.13 32 ePg 54 58.31 20.8
SRU 6.58 50 ePg 55 05.12 21.1
59 obs. associated

JUN 27, 1994 11h 41m 33.63± 0.43s
44.154 N ± 2.2km 6.989 E ± 2.9km
DEPTH = 12.2 ± 4.5 km
FRANCE (538)
ML 2.3 (GEN).

ISO 0.05 56 eP 41 35.57 -0.7
iPg 41 35.63
eSg 41 36.92
i 41 36.97
TOUF 0.23 127 Pg 41 38.75 -0.2
Sg 41 43.01
STV 0.26 69 P 41 39.44 0.2
S 41 43.33
MVIF 0.28 155 Pg 41 39.39 -0.4
Sg 41 44.07
ENR 0.32 77 P 41 40.56 0.2
S 41 45.09
AUTN 0.35 117 Pg 41 41.23 0.1
Sg 41 46.76
PZZ 0.36 13 P 41 41.17 0.0
S 41 46.30
AURF 0.36 137 Pg 41 41.23 0.0
Sg 41 46.63
CALN 0.41 190 Pg 41 42.14 0.0
SBF 0.43 132 Pg 41 42.40 -0.2
Sg 41 48.80
SAOF 0.44 112 Pg 41 42.64 -0.1
FRF 0.64 203 Pg 41 45.50 -0.8
Sg 41 53.40
ROB 0.65 77 P 41 46.58 0.1
S 41 55.39
IMI 0.69 110 P 41 47.40 0.2
S 41 56.83
BHB 0.71 16 P 41 47.36 -0.2
S 41 56.52
RRL 0.78 349 P 41 48.59 -0.2
S 41 58.74
LRG 0.83 213 Pg 41 50.00 0.5
Sg 42 00.70
FIN 0.88 86 P 41 50.50 0.2
S 42 01.88
LMR 0.89 203 Pg 41 51.00 0.5
Sg 42 01.00
RSP 1.02 11 P 41 52.61 -0.1
S 42 05.43
PCP 1.18 70 P 41 55.75 0.2
S 42 10.63
S.D. = 0.3 on 21 of 21 obs.

JUN 27, 1994 11h 47m 50.11± 0.94s
44.433 N ± 4.0km 6.564 E ± 7.3km
DEPTH = 13.9 ± 5.0 km
FRANCE (538)
ML 2.3 (GEN).

FOUF 0.18 58 iPgd 47 54.60 0.1
eSg 47 58.44
PZZ 0.39 79 P 47 58.43 0.0
S 48 04.88
RRL 0.51 18 P 48 00.29 -0.2
S 48 07.61
STV 0.58 109 P 48 01.27 -0.3
S 48 09.46
BHB 0.64 50 P 48 02.87 0.2
S 48 12.09
ENR 0.65 108 P 48 02.56 -0.2
S 48 11.67
SBF 0.85 132 Pg 48 [illegible].50 1.4
Sg 48 [illegible]70
RSP 0.87 34 P 48 [illegible].73 0.1
S 48 18.93
FRF 0.87 176 Pg 48 06.50 -0.1
Sg 48 20.30
LRG 0.99 189 Pg 48 08.40 -0.1
Sg 48 21.60

LPG 1.07 7 Pg 48 12.80 2.7X
IMI 1.09 118 P 48 09.61 -0.6
S 48 23.83
LMR 1.10 182 Pg 48 10.20 -0.2
Sg 48 24.90
FIN 1.20 100 P 48 11.31 -0.8
PCP 1.42 85 P 48 15.74 0.2
S.D. = 0.6 on 14 of 15 obs.

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* JUN 27, 1994 12h 03m 03.00± 0.53s
16.122 S ±15.5km 67.484 E ±13.7km
DEPTH = 10.0km (geophysicist)
5.1mb (14 obs.) 4.5Msz (3 obs.)
MID-INDIAN RIDGE (429)
Mw 5.4 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 52C
Centroid Location:
Origin Time 12:03: 8.3 0.3
Lat 16.22S 0.03 Lon 66.80E 0.04
Dep 15.0 FIX Half-duration 1.3
Moment Tensor; Scale 10**17 Nm
Mrr=-0.14 0.03 Mtt=-1.27 0.04
Mff= 1.41 0.05 Mrt=-0.47 0.12
Mrf=-0.48 0.12 Mtf= 0.34 0.04
Principal Axes:
T Val= 1.62 Plg=17 Azm=100
N -0.18 64 230
P -1.45 19 3
Best Double Couple:Mo=1.5*10**17
NP1:Strike=142 Dip=64 Slip=-179
NP2: 51 89 -26

GBA 31.13 19 P 09 38.00 13.9X
MAIO 52.68 352 eP 12 25.00 5.1X
KER 53.81 339 eP 12 28.00 -0.3
ASPA 62.44 109 iPd 13 28.20 -0.9
1.2s 17.40nm 5.1mb
WRA 63.32 105 P 13 35.00 0.1
0.8s 6.20nm 4.8mb
WB2 63.33 105 iPd 13 34.80 -0.2
0.8s 13.80nm 5.2mb
KIV 63.94 340 (P) 13 44.10 5.5X
1.5s 16.00nm 5.0mb
eS 22 14.40
eSSS 29 16.10
ADE 65.70 121 eP 13 50.00 -0.2
SNA 68.16 200 e(P) 14 16.40 11.3X
0.6s 28.00nm
BRVK 68.93 2 eP 14 10.00 0.0
1.2s 20.00nm 5.2mb
VAY 70.66 326 eP 14 20.30 -0.5
OHR 71.49 325 eP 14 25.50 -0.5
SKO 71.72 326 iP 14 27.00 -0.3
BJI 71.92 37 eP 14 27.50 -1.0
Z 20s 0.30um 4.6Msz
SVE 72.88 356 eP 14 35.00 1.2
2.0s 60.00nm 5.3mb
Z 16s 0.30um 4.7MszX
N 16s 0.20um
E 16s 0.15um
ZAK 73.32 23 eP 14 31.00 -5.4X
2.2s 34.00nm 5.0mb
SPA 73.98 180 eP 14 42.00 1.6
1.0s 5.00nm 4.5mb
KIC 74.85 281 P 14 45.56 -0.6
0.9s 10.50nm 4.9mb
LIC 75.08 281 P 14 46.16 -1.3
0.6s 12.00nm 5.1mb
Z 21s 0.22um 4.4Msz
TIC 75.21 282 P 14 47.50 -0.7
0.9s 17.00nm 5.1mb
OBN 75.62 342 eP 14 51.00 1.3
Z 16s 0.40um 4.8MszX
i 14 58.00
eS 24 32.00
UZH 75.94 331 eP 14 57.50 5.9X
1.0s 31.00nm 5.3mb
e 15 13.70
LKO 76.67 284 P 14 45.81 -10.7X
1.2s 22.50nm
PTJ 77.29 326 eP 14 56.10 -3.2X
OKC 78.74 330 e(P) 15 10.00 2.9X
GEC2 80.33 327 P 15 13.40 -2.5
1.0s 0.79nm 3.7mb X
KHC 80.57 327 eP 15 14.00 -3.1X

e 15 20.50
PRU 80.61 329 eP 15 18.50 1.3
BRG 81.46 329 eP 15 29.20 7.6X
e 15 49.00
GRF 82.13 327 e(P) 15 27.10 1.9
Z 19s 0.20um 4.5Msz
CLL 82.20 329 e(P) 15 31.00 5.5X
MOX 82.50 328 eP 15 26.00 -1.1
KAF 84.46 342 eP 15 37.80 1.0
0.5s 3.60nm 4.9mb
MAT 84.72 50 (P) 15 47.00 8.3X
1.3s 13.46nm 5.0mb
PAB 86.75 313 eP 15 50.30 1.5
eS 26 30.00
BGMT 150.98 359 ePKP 22 57.30 5.3X
S.D. = 1.2 on 22 of 36 obs.

& JUN 27, 1994 12h 47m 50.95s
59.365 N 153.066 W
DEPTH = 93.4km
SOUTHERN ALASKA (2)
<AEIC>.

AUE 0.16 268 eP 48 03.92 1.1
eS 48 13.49
AUP 0.18 269 eP 48 03.95 0.9
eS 48 13.23
AUI 0.19 261 eP 48 03.77 0.8
eS 48 13.60
AUL 0.19 275 eP 48 03.97 1.0
OPT 0.30 344 iP 48 04.34 -0.7
CDD 0.53 215 iP 48 05.67 -0.9
eS 48 17.51
INE 0.70 0 eP 48 07.04 -1.1
PDB 0.71 307 iP 48 07.22 -0.9
eS 48 19.81
HOM 0.78 67 eP 48 08.27 -0.5
eS 48 22.03
SYI 0.83 155 eP 48 08.42 -0.9
eS 48 21.62
CNPM 0.95 79 eP 48 09.62 -1.0
eS 48 24.87
RED 1.07 8 eP 48 10.91 -1.1
RSO 1.11 8 eP 48 11.73 -1.0
RS2 1.11 8 eP 48 11.71 -1.0
NNL 1.13 52 eP 48 12.45 -0.2
REF 1.14 9 eP 48 11.94 -1.1
BRLK 1.18 69 eP 48 12.57 -0.7
eS 48 27.90
DFR 1.25 9 eP 48 13.03 -1.2
RDT 1.26 15 iP 48 13.14 -1.2
S 48 29.81
KDC 1.65 169 iPd 48 16.99 -2.1
NKA 1.66 33 eP 48 20.41 1.1
BKG 1.76 13 eP 48 19.88 -0.8
SLKM 1.83 50 eP 48 20.52 -1.1
CKL 1.87 11 eP 48 21.34 -0.9
CKT 1.89 13 eP 48 21.43 -1.0
SPU 1.89 15 eP 48 21.27 -1.1
BGL 1.93 10 eP 48 22.20 -0.8
CP2 1.95 12 eP 48 22.49 -0.8
SEW 1.98 66 eP 48 22.18 -1.3
SVW 2.16 325 P 48 24.70 -1.3
MPA 2.18 57 eP 48 24.81 -1.4
SUA 2.40 28 eP 48 28.47 -0.8
PTE 2.52 52 eP 48 28.91 -1.9
PMS 2.57 41 P 48 30.20 -1.3
SKT 2.73 15 eP 48 32.20 -1.5
KNK 3.08 46 eP 48 36.62 -1.8
GHO 3.16 38 eP 48 37.24 -2.4
SML 3.38 42 eP 48 40.20 -2.5
HIN 3.47 70 eP 48 41.69 -2.1
ILB 6.15 26 eP 49 17.76 -3.1
40 obs. associated

% JUN 27, 1994 13h 13m 53.33± 1.49s
36.490 N ±17.1km 4.772 W ± 8.9km
DEPTH = 60.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.5 (MDD).

EMAL 0.39 45 iPd 14 03.81 -0.4
eS 14 11.80
EJIF 0.56 266 eP 14 05.84 -0.2
eS 14 13.50
EPRU 0.60 322 eP 14 07.40 0.8
eS 14 14.20

ELOJ 0.82 37 eP 14 10.80 1.5
eS 14 21.80
ERON 0.94 55 eP 14 11.00 0.2
ELUQ 1.14 21 eP 14 13.90 0.4
eS 14 28.40
EHOR 1.38 344 eP 14 16.04 -0.7
eS 14 33.80
EBAN 1.85 25 eP 14 22.30 -0.9
eS 14 44.10
EVIA 2.80 39 eP 14 36.00 -0.7
eS 15 06.90
S.D. = 0.9 on 9 of 9 obs.

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* JUN 27, 1994 13h 33m 29.37± 1.13s
16.970 N ±25.4km 95.627 W ± 9.8km
DEPTH = 131.4 ± 15.3 km
OAXACA, MEXICO (60)

OXX 1.05 276 iP 33 53.50 0.1
iS 34 10.00
LVVM 2.86 344 iP 34 09.80 -5.0X
iS 34 39.00
SCX 2.87 94 iP 34 15.00 0.0
iS 34 45.00
PPM 3.53 307 iP 34 25.00 0.7
(S) 35 13.00
III 3.92 291 iP 34 30.00 0.9
(S) 35 06.00
ACX 4.05 269 (P) 34 30.00 -0.7
UNM 4.12 305 (P) 34 31.00 -0.8
CRX 4.55 303 (P) 34 55.00 17.3X
ACO 19.90 352 iPd 37 51.80 -0.9
MBC 60.57 354 eP 43 28.50 0.8
S.D. = 1.0 on 8 of 10 obs.

JUN 27, 1994 13h 48m 07.06± 0.87s
44.435 N ± 3.8km 6.594 E ± 6.6km
DEPTH = 13.8 ± 4.8 km
FRANCE (538)
ML 2.1 (GEN).

FOUF 0.16 55 iPgd 48 11.34 0.2
eSg 48 15.18
PZZ 0.37 79 P 48 15.07 0.1
S 48 21.46
RRL 0.50 16 P 48 16.98 -0.4
S 48 24.81
STV 0.56 110 P 48 17.91 -0.3
S 48 26.20
BHB 0.63 49 P 48 19.50 0.2
S 48 28.71
ENR 0.63 109 P 48 19.15 -0.2
S 48 28.15
SBF 0.83 133 Pg 48 24.20 1.3
Sg 48 37.20
RSP 0.86 33 P 48 23.62 0.3
S 48 35.52
FRF 0.88 177 Pg 48 23.70 0.2
Sg 48 35.00
ROB 0.93 98 P 48 24.75 0.3
S 48 37.53
LRG 0.99 190 Pg 48 25.60 0.0
Sg 48 38.70
IMI 1.07 119 P 48 26.20 -0.7
LMR 1.10 183 Pg 48 27.00 -0.4
Sg 48 41.60
FIN 1.18 100 P 48 28.00 -0.8
PCP 1.40 85 P 48 32.27 0.1
S.D. = 0.6 on 15 of 15 obs.

? JUN 27, 1994 14h 01m 34.73± 5.69s
32.478 S ±33.4km 71.997 W ±29.4km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.6 (SAN).

ROCH 0.97 121 iPd 01 53.08 -0.2
iS 02 02.77
LCCH 1.06 160 iP+ 01 54.63 0.0
iS 02 05.46
JACH 1.20 100 iP 01 57.29 0.1
iS 02 10.57
PEL 1.29 121 iPd 01 58.52 -0.1
iS 02 12.01
TACH 1.47 143 iPd 02 01.00 -0.3
iS 02 15.91
LNV 1.55 162 iP 02 01.94 -0.5
iS 02 19.41
FCH 1.67 121 iP+ 02 04.16 -0.2
iS 02 22.37
PCH 1.69 133 iP 02 04.43 -0.1
CHCH 1.84 143 iP 02 06.83 0.2
iS 02 27.63
CACH 2.01 145 iP+ 02 10.13 0.9
iS 02 33.33
S.D. = 0.4 on 10 of 10 obs.

% JUN 27, 1994 14h 14m 56.16± 0.63s
44.609 N ± 4.5km 8.148 E ± 4.2km
DEPTH = 5.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.3 (GEN).

PCP 0.29 103 P 15 02.11 0.0
S 15 05.72
ROB 0.37 212 P 15 03.80 0.2
S 15 08.78
FIN 0.40 174 P 15 04.20 0.0
S 15 09.66
ENR 0.65 234 P 15 09.14 0.0
S 15 17.74
BHB 0.67 291 P 15 09.75 0.1
S 15 18.72
STV 0.69 239 P 15 10.02 0.0
S 15 19.18
IMI 0.72 195 P 15 10.53 -0.1
S 15 19.85
PZZ 0.76 262 P 15 11.30 -0.1
S 15 21.14
RSP 0.83 311 P 15 12.75 -0.1
S 15 23.56
RRL 1.02 288 P 15 16.15 0.1
S.D. = 0.1 on 10 of 10 obs.

% JUN 27, 1994 14h 19m 09.48± 0.72s
40.696 N ± 5.4km 22.736 E ± 5.6km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 1.2 (THE).

THE 0.19 110 ePg 19 13.52 0.2
eSg 19 16.52
GRG 0.36 316 ePg 19 16.88 0.1
eSg 19 21.76
KNT 0.48 15 ePg 19 19.04 -0.1
eSg 19 25.60
SOH 0.49 75 ePg 19 19.28 0.0
eSg 19 26.42
LIT 0.62 198 ePg 19 21.92 0.0
OUR 1.02 110 ePg 19 28.92 -0.2
S.D. = 0.2 on 6 of 6 obs.

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* JUN 27, 1994 14h 31m 21.76± 1.15s
47.549 N ± 7.1km 13.663 E ±11.9km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 2.8 (VIE).

KBA 0.52 205 iPgd 31 30.50 -1.8
iSg 31 38.10
WTTA 1.41 259 iPgc 31 47.50 -0.1
iSg 32 07.50
SCE 1.42 250 eP 31 47.80 0.0
iPgd 32 46.80
WATA 1.43 262 iPgc 31 47.60 -0.3
iSg 32 07.70
VOY 1.53 174 ePn 31 50.40 1.2
eSn 32 12.60
KHC 1.58 358 iPn 31 50.00 0.0
iPg 31 51.00
Sg 32 12.00
WET 1.68 342 ePn 31 50.40 -1.0
SQTA 1.70 260 iPgc 31 52.00 0.3
iSg 32 15.40
MOTA 1.75 264 i(Pg) 31 54.10 1.6
iSg 32 16.80
PRU 2.51 13 ePg 32 08.00 4.8X
Sg 32 40.20
S.D. = 1.2 on 9 of 10 obs.

JUN 27, 1994 14h 32m 21.05± 0.57s
47.587 N ± 4.9km 13.611 E ± 5.9km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 3.5 (VIE), 3.2 (FUR).

BHG 0.51 285 iPgd 32 32.30 0.9
KBA 0.54 200 iPgd 32 29.60 -2.4
iSg 32 37.30
WTTA 1.38 257 iPgc 32 46.00 -0.5
iSg 33 05.80
WATA 1.40 260 iPgc 32 45.90 -0.9
iSg 33 05.60
KHC 1.54 359 iPn 32 48.50 -0.2
iPg 32 50.50
Sg 33 10.50
VOY 1.57 173 ePn 32 49.00 -0.1
eSn 33 11.30
WET 1.63 343 iPnc 32 49.40 -0.6
LJU 1.67 157 ePn 32 51.40 0.9
eSn 33 13.00
SQTA 1.67 258 iPgd 32 50.90 0.3
iSg 33 14.30
FUR 1.67 291 iPg 32 51.80 1.2
MOTA 1.72 263 iPgd 32 51.50 0.2
iSg 33 15.40
TRI 1.88 177 ePg 32 53.50 0.0
iSg 33 18.00
OGA 1.90 249 iPnd 32 55.00 1.0
CEY 1.93 163 e(Pn) 32 55.20 0.9
eSn 33 21.60
PTJ 2.34 135 eP 33 00.60 0.4
ZST 2.43 74 eP 33 34.80 33.4X
i 33 42.10
PRU 2.48 14 Pg 33 06.10 4.0X
i 33 26.90
Sg 33 38.70
CLL 3.75 354 (Pg) 33 19.00 -1.1
eSg 34 19.00
S.D. = 1.0 on 16 of 18 obs.

? JUN 27, 1994 14h 43m 51.40± 6.85s
32.382 S ±40.4km 72.016 W ±35.6km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 4.1 (SAN).

ROCH 1.03 125 iPd 44 10.89 -0.2
iS 44 27.38
LCCH 1.15 161 iP 44 12.50 -0.4
(S) 44 28.01
JACH 1.24 104 iP+ 44 13.95 -0.6
iS 44 32.59
PEL 1.35 124 iPd 44 16.43 0.1
iS 44 35.71
TACH 1.56 145 iPd 44 19.24 0.0
iS 44 40.48
LNV 1.65 162 iP 44 19.71 -0.8
iS 44 44.16
FCH 1.73 123 iPd 44 22.06 0.0
iS 44 47.02
PCH 1.77 135 iP+ 44 22.79 0.5
iS 44 48.34
CHCH 1.92 144 iP 44 24.85 0.3
CACH 2.10 146 iP 44 28.08 0.9
iS 44 56.53
S.D. = 0.6 on 10 of 10 obs.

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* JUN 27, 1994 14h 56m 25.34± 1.43s
46.014 N ±13.9km 12.320 E ± 9.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
MD 2.5 (LJU), 2.2 (TRI). ML
2.3 (VIE).

TRI 1.05 106 ePg 56 45.20 0.0
iSg 57 00.60
VOY 1.10 89 iPgd 56 45.80 -0.2
eSg 57 00.90
SCE 1.11 338 ePg 56 45.60 -0.7
KBA 1.28 33 iPgd 56 49.50 0.3
iSg 57 05.50
WTTA 1.34 340 iPgd 56 49.90 -0.2
iSg 57 06.40
WATA 1.42 339 iPgc 56 51.40 0.1
iSg 57 09.20
SQTA 1.43 328 iPgd 56 51.40 0.0
iSg 57 09.40
MOTA 1.57 328 iPgd 56 54.10 0.6
iSg 57 14.50
S.D. = 0.4 on 8 of 8 obs.

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  JUN 27, 1994 16h 26m 26.57± 1.25s
  18.037 N ± 8.4km  100.671 W ±11.1km
  DEPTH = 10.0km (geophysicist)
 GUERRERO, MEXICO                ( 59)

III     1.19  73 iP    26 49.15   0.2
                 iS    27 06.00
ACX     1.40 146 iP    26 51.82  -0.3
                 iS    27 12.00
CRX     1.65  34 (P)   26 56.00  -0.1
                 (S)   27 24.00
MRX     1.73 344 eP    26 57.00   0.2
                 (S)   27 18.00
UNM     1.91  47 (P)   27 04.00   4.3X
PPM     2.19  62 iP    27 03.35  -0.7
                 (S)   27 33.00
IIA     2.21  60 iP    27 03.87   0.1
CGX     3.12 303 (P)   27 35.00  18.1X
OXX     3.88 104 iP    27 28.38   0.6
    S.D. = 0.5  on   7 of   9 obs.
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* JUN 27, 1994 17h 06m 01.21± 2.16s
  36.931 N ± 9.7km    8.860 W ±21.0km
  DEPTH = 33.0km (normal)
 WEST OF GIBRALTAR              (384)

EVAL    1.81  68 eP    06 31.00   0.5
EHOR    3.01  72 eP    06 47.84   0.1
                 eS    07 20.00
EPLA    3.81  34 eP    06 59.36   0.3
                 eS    07 41.00
ERON    4.05  87 eP    07 04.00   1.4
EBAN    4.22  71 iP    07 04.26  -0.5
                 eS    07 47.00
IFR     4.58 137 iPn   07 10.00  -0.1
                 iSn   07 56.00
                 i     07 58.00
EHUE    5.07  78 eP    07 16.17  -0.8
EVIA    5.32  69 eP    07 19.60  -0.9
TIO     6.13 167 iPn   07 32.00  -0.1
                 iS    08 35.50
    S.D. = 0.8  on   9 of   9 obs.
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* JUN 27, 1994 17h 39m 52.05± 1.78s
  14.659 S ±11.4km  167.126 E ±11.8km
  DEPTH = 107.3 ± 15.8 km
  4.9mb (  7 obs.)
 VANUATU ISLANDS                (186)

BKM     3.18 160 iPd   40 41.50   0.3
DZM     7.40 185 iPc   41 38.50  -0.6
                 iS    43 01.60
NOUC    7.44 186 iPc   41 39.60   0.0
                 iS    43 04.90
ARMA   21.20 220 iPd   44 32.40   1.7
                 i     48 27.50
RIV    23.94 214 eP    44 59.00   1.7
        0.9s  6722.69nm      7.1mb X
BWA    25.93 217 eP    45 14.40  -1.7
CNB    26.04 215 iPd   45 17.40   0.4
CAN    26.24 215 eP    45 18.70  -0.2
TOO    29.83 216 iPc   45 50.60  -0.5
        0.5s    22.00nm        5.1mb
WB2    31.70 256 iPd   46 06.40  -1.3
        0.7s     5.90nm        4.4mb
ADE    32.59 227 e(P)  46 15.20  -0.1
MBL    45.33 255 eP    48 01.50   0.2
        0.5s     9.00nm        4.8mb
NANU   49.33 253 eP    48 42.70  10.2X
        0.7s    23.00nm
MAT    57.78 333 (P)   49 33.00  -1.2
SBA    63.21 180 iPc   50 09.80  -0.7
CHTO   74.92 294 eP    51 24.20   0.8
SPA    75.43 180 iPc   51 23.60  -2.1X
        0.8s    10.42nm        4.7mb
LZH    78.17 312 eP    51 42.50   1.1
        2.0s    33.00nm        4.8mb
YAK    81.90 343 eP    52 00.00  -0.5
        1.5s    55.00nm        5.1mb
ILT    82.97   5 eP    52 07.00   1.1
ZAK    85.41 325 eP    52 19.00   0.5
        1.5s    35.00nm        5.1mb
OBN   124.56 328 ePKP  58 39.00  -1.0
        1.0s    17.00nm
NB2   130.52 345 PKP   58 50.60  -0.8
        0.9s     2.20nm
BRG   137.89 335 ePKP  59 06.90   1.3
        1.1s     8.00nm
CLL   137.93 336 ePKP  59 06.00   0.3
        1.2s    10.00nm
PRU   138.30 333 ePKP  59 05.50  -0.9
                 e     59 28.00
ZST   138.40 330 ePKP  59 05.70  -0.9
KHC   139.36 333 ePKP  59 08.00  -0.4
GEC2  139.52 333 PKP   59 07.90  -0.9
        0.8s     1.64nm
CDF   142.46 338 iPKPc 59 09.80  -4.2X
        0.9s     5.55nm
BSF   143.12 338 iPKPc 59 11.50  -3.7X
        1.0s    10.00nm
HAU   143.14 338 iPKPc 59 11.80  -3.3X
        0.7s     9.25nm
VDL   143.16 334 ePKPd 59 12.20  -3.2X
APL   143.30 336 ePKPd 59 12.40  -3.0X
TMA   143.72 334 ePKPd 59 13.70  -2.6X
DIX   144.34 336 ePKPd 59 16.40  -1.1
FLN   144.49 346 ePKP  59 15.20  -2.1X
        0.8s    24.70nm
LDF   144.57 345 iPKPc 59 15.50  -1.9X
        0.8s    20.55nm
LOR   144.62 340 iPKPc 59 16.30  -1.3
        1.1s    51.75nm
LBF   144.83 340 iPKPc 59 17.00  -1.0
        1.1s    68.60nm
SSF   144.92 340 iPKPc 59 17.50  -0.6
        0.9s   103.50nm
GRR   144.93 346 iPKPc 59 17.00  -1.0X
        0.8s    62.60nm
LSD   144.95 335 PKP   59 17.83  -0.7
RSL   144.97 336 PKP   59 17.56  -0.9X
HYF   145.01 341 iPKPc 59 18.00  -0.3
LPL   145.07 336 iPKPc 59 18.40  -0.3
        1.1s    56.15nm
LPG   145.08 336 iPKPc 59 18.60  -0.2
        1.1s    61.80nm
PCP   145.10 333 PKP   59 17.14  -1.4X
RSP   145.16 335 PKP   59 17.46  -1.3
SMF   145.18 340 iPKPc 59 18.10  -0.5
        1.1s    86.70nm
AVF   145.21 340 iPKPc 59 18.10  -0.5
        1.0s    47.80nm
LPF   145.31 346 iPKPc 59 18.40  -0.3
        1.0s    85.60nm
BHB   145.41 334 PKP   59 16.78  -2.2
FIN   145.51 333 PKP   59 17.83  -1.4X
RRL   145.54 335 PKP   59 19.52   0.0
BGF   145.58 341 iPKPc 59 19.40   0.2
        1.0s    50.20nm
ROB   145.59 333 PKP   59 18.42  -1.0
ITR   145.60 131 (PKP) 59 17.00  -3.2X
GRN   145.69 336 PKP   59 20.44   0.9
PZZ   145.75 334 PKP   59 17.83  -1.9
ENR   145.84 334 PKP   59 17.83  -2.0
PLDF  145.84 339 PKP   59 20.63   0.8
STV   145.86 334 PKP   59 17.78  -2.1
IMI   145.88 333 PKP   59 19.38  -0.5
SURF  145.89 335 PKP   59 20.78   0.7
AGO   145.93 340 PKP   59 20.52   0.6
MAF   145.97 341 iPKPc 59 20.70   0.8
        1.0s    32.20nm
SAOF  145.97 333 PKP   59 20.15   0.1
AUTN  146.02 333 PKP   59 20.75   0.4
TCF   146.02 341 iPKPc 59 20.70   0.7
        1.1s    49.55nm
TOUF  146.08 334 PKP   59 20.43   0.0
SBF   146.12 333 iPKPc 59 20.60   0.3
        1.0s    76.00nm
AURF  146.15 333 PKP   59 20.88   0.5
COLF  146.21 339 PKP   59 21.55   1.2
MVIF  146.22 334 PKP   59 21.06   0.5
PYM   146.24 340 PKP   59 21.34   0.9
REVF  146.25 333 PKP   59 20.86   0.4
LSF   146.26 342 iPKPc 59 21.20   0.8
        1.0s    55.00nm
MFF   146.42 344 iPKPc 59 21.70   1.1
        0.9s    73.05nm
PGF   146.42 330 iPKPc 59 21.70   0.8
        0.9s    54.05nm
CALN  146.44 334 PKP   59 21.97   1.0
LBL   146.61 339 PKP   59 23.10   2.0
FRF   146.70 334 iPKPc 59 22.40   1.2
        1.1s    67.15nm
LRG   146.91 334 ePKP  59 23.10   1.6
        1.2s    63.65nm
LMR   146.95 334 iPKPc 59 23.10   1.6
        1.2s    61.90nm
RJF   147.12 341 iPKPc 59 23.90   2.1X
        1.3s    72.20nm
CAF   147.28 340 iPKPc 59 24.60   2.5X
        1.0s    30.00nm
BCAO  147.45 255 iPKPc 59 24.20   1.0
        0.2s    80.00nm
LFF   147.68 342 iPKPc 59 25.40   2.7X
        1.0s    52.80nm
LPO   147.78 341 iPKPc 59 25.80   3.0X
        1.0s    52.80nm
EPF   149.53 341 iPKPc 59 30.00   4.3X
        1.2s    26.50nm
    S.D. = 1.0  on  71 of  91 obs.
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  JUN 27, 1994 17h 48m 48.73± 0.17s
  44.431 N ± 1.6km    6.437 E ± 1.6km
  DEPTH =  16.9 ±  2.6 km
 FRANCE                         (538)
        ML 3.4 (GEN), 3.1 (STR).

FOUF    0.27  68 ePg   48 54.26  -0.4
                 iSg   48 58.21
PZZ     0.48  81 Pc    48 57.97  -0.5
                 S     49 04.57
RRL     0.55  27 Pc    48 59.35  -0.3
                 S     49 06.87
GANF    0.58 221 Pg    48 59.22  -0.8
                 Sg    49 08.24
STV     0.66 106 Pc    49 00.93  -0.6
TOUF    0.72 125 Pg    49 02.04  -0.5
BHB     0.72  55 Pc    49 02.05  -0.4
                 S     49 11.32
ENR     0.73 106 Pc    49 02.13  -0.6
                 S     49 11.71
MVIF    0.74 136 Pg    49 02.73  -0.2
                 Sg    49 12.09
CALN    0.75 154 Pg    49 03.29   0.2
                 Sg    49 14.21
VILF    0.78 222 Pg    49 03.66   0.2
AUTN    0.83 121 Pg    49 04.10  -0.5
AURF    0.84 130 Pg    49 04.55   0.0
TAVF    0.86 199 Pg    49 05.08   0.2
FRF     0.88 170 Pg    49 05.10  -0.1
                 Sg    49 18.80
SBF     0.92 128 Pg    49 05.60  -0.2
                 Sg    49 18.80
SAOF    0.92 119 Pg    49 05.68  -0.2
                 Sg    49 18.66
RSP     0.93  39 Pc    49 06.27   0.2
                 S     49 18.19
REVF    0.96 136 Pg    49 07.74   1.1
LRG     0.98 183 Pg    49 07.10   0.3
                 Sg    49 21.90
ROB     1.04  97 Pc    49 07.90   0.0
                 S     49 21.21
PUYF    1.04 211 Pg    49 08.97   1.0
LPG     1.09  12 Pg    49 09.50   0.5
                 Sg    49 23.80
LMR     1.10 177 Pg    49 09.60   0.7
                 Sg    49 24.60
LPL     1.11  11 Pg    49 09.60   0.4
                 Sg    49 25.00
PRAF    1.11 236 Pg    49 10.18   1.1
TREF    1.11 224 Pg    49 10.17   1.1
                 Sg    49 26.97
LSD     1.15  26 P     49 10.17   0.3
                 S     49 24.89
IMI     1.17 116 Pd    49 10.04  -0.1
                 S     49 24.51
BERF    1.24 206 Pg    49 11.99   0.7
                 Sg    49 29.39
GELF    1.28 215 Pg    49 12.78   1.0
FIN     1.29  99 Pc    49 12.19   0.2
                 S     49 27.47
PCP     1.51  85 Pc    49 16.00   0.9
                 S     49 33.68
EMS     1.68  12 ePc   49 22.70   5.1X
DIX     1.79  22 ePc   49 22.90   3.6X
TMA     2.40  45 ePd   49 29.30   1.2
LBL     2.41 291 Pn    49 28.58   0.5
                 Pg    49 35.45
PLDF    2.52 309 Pn    49 30.34   0.7
PGF     2.65 134 Pn    49 30.80  -0.8
                 Sn    50 01.10
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PYM     2.76 300 Pn     49 33.96    0.8
                 Sg     50 18.77
APL     2.82  26 eP+    49 35.80    1.9
AGO     2.84 306 Pn     49 33.52   -0.7
SMF     2.87 321 Pn     49 35.40    0.9
                 Pg     49 42.90
                 Sg     50 18.30
LOMF    2.93   5 Pn     49 35.86    0.4
LLS     3.03  35 ePc    49 41.10    4.1X
LBF     3.08 327 Pn     49 37.80    0.2
                 Pg     49 47.30
                 Sg     50 24.90
CAF     3.16 281 Pn     49 38.60   -0.1
                 Sn     50 14.70
                 Sg     50 27.90
MTHF    3.20 244 Pn     49 38.38   -0.9
AVF     3.20 319 Pn     49 39.60    0.3
                 Pg     49 48.90
                 Sg     50 30.10
MAF     3.27 305 Pn     49 40.80    0.6
                 Pg     49 51.10
                 Sg     50 30.50
BGF     3.30 311 Pn     49 40.70    0.0
                 Pg     49 51.00
                 Sg     50 32.60
SSF     3.34 323 Pn     49 41.40    0.2
                 Pg     49 51.30
                 Sg     50 35.30
LOR     3.36 328 Pn     49 41.20   -0.3
                 Sg     50 34.40
BSF     3.41   4 Pn     49 42.30    0.0
                 Pg     49 53.10
                 Sg     50 36.00
MOF     3.46   8 Pn     49 43.64    0.7
TCF     3.51 303 Pn     49 43.70    0.0
                 Sg     50 39.50
HAU     3.58 359 Pn     49 44.80    0.2
                 Pg     49 54.90
                 Sn     50 25.90
                 Sg     50 42.20
RJF     3.61 286 Pn     49 45.20    0.1
                 Sg     50 41.90
FEL     3.62  17 Pn     49 45.24    0.0
SLE     3.63  22 ePc    49 45.00   -0.4
LPO     3.76 276 Pn     49 47.10   -0.1
                 Pg     49 59.10
                 Sn     50 27.90
                 Sg     50 47.10
GRBF    3.90 248 Pn     49 49.65    0.5
LSF     3.91 299 Pn     49 49.10   -0.2
                 Pg     50 01.20
                 Sg     50 51.30
CDF     4.02   8 Pn     49 50.30   -0.7
                 Pg     50 04.60
                 Sg     50 55.00
LFF     4.09 279 Pn     49 51.90    0.0
                 Pg     50 04.70
                 Sg     50 56.70
SQTA    4.35  48 iPnc   49 59.00    3.3X
                 iSn    50 54.70
MOTA    4.37  47 iPnd   49 58.10    2.1
                 iSn    50 53.50
WTTA    4.61  50 iPnd   50 02.30    2.9X
                 iSn    51 00.50
WATA    4.62  49 iPnd   50 02.50    3.0X
                 iSn    51 00.00
EPF     4.63 255 Pn     49 58.40   -1.3
                 Sn     50 48.60
BTH     4.99 257 iPgc   50 21.10   16.5X
                 Sg     51 28.70
                 Lg     51 42.00
                 Rg     51 46.50
MFF     5.11 297 Pn     50 05.90   -0.4
                 Sg     51 28.70
KBA     5.51  59 iPnd   50 14.20    2.0
                 iSn    51 19.10
LDF     6.15 315 Pn     50 20.30   -0.6
LPF     6.31 307 Pn     50 22.40   -0.9
GRR     6.41 311 Pn     50 23.30   -1.4
FLN     6.44 315 Pn     50 24.10   -1.0
GEC2    6.67  46 Pn     50 27.50   -0.9
    0.3s      1.09nm              4.3mb X
ABA     8.05 200 iP     51 15.00   27.4X
    S.D. = 0.7  on  71 of  79 obs.
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? JUN 27, 1994  18h 33m 35.13± 7.26s
  32.339 S ±42.6km   72.104 W ±38.0km
   DEPTH =  10.0km  (geophysicist)
 OFF COAST OF CENTRAL CHILE      (134)
      MD 4.0 (SAN).

ROCH    1.12 125 iPd    33 55.85   -0.4
                 iS     34 11.69
LCCH    1.22 159 iP     33 57.32   -0.5
                 (S)    34 13.24
JACH    1.32 105 iPd    33 59.08   -0.5
                 iS     34 17.48
PEL     1.44 124 iP+    34 01.33    0.0
                 iS     34 21.73
TACH    1.64 144 iP     34 04.16    0.1
                 iS     34 26.10
LNV     1.71 160 iP     34 04.26   -0.9
                 iS     34 29.21
FCH     1.82 123 iP+    34 07.02    0.0
                 iS     34 33.06
PCH     1.85 134 iP     34 07.96    0.7
                 iS     34 33.80
CHCH    2.00 143 iP     34 09.69    0.3
CACH    2.18 145 iP     34 13.31    1.3
    S.D. = 0.7  on  10 of  10 obs.
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& JUN 27, 1994  18h 55m 35.88s
  62.125 N            150.043 W
   DEPTH =  45.4km
 CENTRAL ALASKA                  (  1)
      <AEIC>. ML 2.9 (AEIC), 3.0
      (PMR).

CUT     0.30 339 eP     55 44.25   -0.4
                 eS     55 50.38
PWA     0.48 171 P      55 46.50   -0.2
                 S      55 54.80
GHO     0.64 123 iP     55 48.21   -0.6
                 eS     55 58.13
PLRM    0.69 141 eP     55 48.66   -0.7
                 eS     55 59.66
PMR     0.69 141 iPc    55 48.17   -1.2
                 eS     55 59.01
SKT     0.72 259 eP     55 49.08   -0.7
                 eS     56 00.04
SUA     0.74 207 eP     55 50.15   -0.1
SML     0.87 111 eP     55 50.86   -1.0
HUR     0.88  12 eP     55 51.15   -0.8
                 eS     56 02.84
PMS     0.91 165 P      55 52.50    0.0
KNK     1.04 133 eP     55 53.57   -0.7
SCM     1.32 102 eP     55 57.63   -0.6
TRF     1.34 355 eP     55 57.46   -1.1
SPU     1.35 226 eP     55 57.96   -0.7
PTE     1.36 158 eP     55 58.45   -0.2
CP2     1.36 231 eP     55 58.23   -0.7
CKN     1.36 229 eP     55 59.14    0.3
CKT     1.39 229 eP     55 59.00   -0.2
RND     1.40  23 eP     55 58.18   -1.2
BGL     1.41 233 eP     55 59.73    0.1
CKL     1.44 231 eP     55 59.45   -0.5
KTH     1.49 345 eP     55 59.80   -0.9
                 eS     56 18.53
BKG     1.50 226 eP     56 00.29   -0.5
NKA     1.50 203 eP     56 01.58    0.9
DHY     1.56  51 eP     56 00.49   -1.3
SLKM    1.63 183 eP     56 02.10   -0.5
MPA     1.67 168 eP     56 02.52   -0.7
MCK     1.69  17 eP     56 02.74   -0.7
TOA     1.82  89 P      56 05.60    0.3
KLU     2.06 106 eP     56 03.90   -4.8
PAX     2.28  66 eP     56 11.98    0.1
WRH     2.52  20 eP     56 13.60   -1.6
HDA     2.68  30 eP     56 16.45   -1.1
SVW     2.85 252 eP     56 17.43   -2.6
TTA     2.88 289 eP     56 18.19   -2.3
FBA     2.96  19 eP     56 18.85   -2.7
BALM    3.84 103 eP     56 31.71   -2.4
IMA     4.27 340 eP     56 37.40   -2.7
          38 obs. associated
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? JUN 27, 1994  19h 01m 12.12± 4.98s
  44.324 N ±12.4km    6.240 E ±33.2km
   DEPTH =   5.0km  (geophysicist)
 FRANCE                          (538)
      ML 2.0 (GEN).

PZZ     0.64  73 P      01 25.03    0.0
                 S      01 31.48
RRL     0.71  33 P      01 26.77    0.4
                 S      01 34.34
STV     0.78  95 P      01 28.00    0.1
                 S      01 36.24
ENR     0.85  96 P      01 29.05   -0.1
                 S      01 38.18
BHB     0.90  54 P      01 29.47   -0.3
                 S      01 38.71
RSP     1.10  41 P      01 33.07   -0.3
                 S      01 44.72
IMI     1.26 109 P      01 36.04    0.0
    S.D. = 0.3  on   7 of   7 obs.
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% JUN 27, 1994  19h 39m 49.71± 2.29s
  41.201 N ±17.2km   23.530 E ±10.1km
   DEPTH =  10.0km  (geophysicist)
 GREECE-BULGARIA BORDER REGION   (363)
      ML 2.1 (THE).

SRS     0.10 151 ePg    39 52.90    0.5
                 eSg    39 55.38
SOH     0.40 199 ePg    39 58.22    0.3
                 eSg    40 05.22
KNT     0.48 266 ePg    39 59.62    0.2
                 eSg    40 07.54
THE     0.71 217 ePg    40 03.62   -0.1
                 eSg    40 14.74
GRG     0.89 254 iPg    40 06.50   -0.3
                 eSg    40 19.38
OUR     0.93 158 ePg    40 06.86   -0.6
    S.D. = 0.5  on   6 of   6 obs.
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? JUN 27, 1994  22h 19m 37.64± 4.58s
  44.981 N ±15.9km    6.738 E ±31.1km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                          (538)
      ML 1.8 (GEN).

RRL     0.07 152 P      19 40.59    0.4
                 S      19 44.58
BHB     0.40 110 P      19 46.22    0.4
RSP     0.41  65 P      19 45.77   -0.2
PZZ     0.54 151 P      19 48.10   -0.5
    S.D. = 0.8  on   4 of   4 obs.
------------------------------------
? JUN 27, 1994  23h 30m 27.09± 9.04s
  46.471 N ±78.9km   12.562 E ± 9.3km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                  (545)
      ML 1.7 (VIE).

KBA     0.81  41 iPgd   30 42.90   -0.1
                 iSg    30 54.80
WTTA    1.02 322 iPgd   30 46.60    0.2
                 iSg    31 01.20
WATA    1.10 322 iPgd   30 47.70   -0.1
                 iSg    31 03.50
SQTA    1.19 309 iPgc   30 49.20   -0.2
                 iSg    31 06.00
MOTA    1.33 312 iPgc   30 52.00    0.3
                 iSg    31 10.30
    S.D. = 0.3  on   5 of   5 obs.
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? JUN 28, 1994  01h 02m 46.15± 6.22s
  33.893 S ±19.9km   72.076 W ±42.0km
   DEPTH =  10.0km  (geophysicist)
 OFF COAST OF CENTRAL CHILE      (134)
      MD 3.6 (SAN).

LNV     0.56  97 iP+    02 57.35   -0.1
                 iS     03 06.00
LCCH    0.59  46 iP+    02 57.44   -0.7
                 iS     03 06.22
TACH    0.98  76 iP+    03 03.40   -1.3
                 iS     03 17.33
CHCH    1.18  92 iP+    03 07.02   -1.3
                 iS     03 24.13
CACH    1.25 101 iP+    03 08.47   -0.9
                 iS     03 27.65
ROCH    1.28  44 iPd    03 08.82   -1.2
                 iS     03 27.32
PCH     1.33  79 iP+    03 09.06   -1.7
                 iS     03 27.43
PEL     1.38  58 iPd    03 11.05   -0.4
                 iS     03 29.12
FCH     1.59  70 iP     03 13.61   -1.2
                 iS     03 35.69
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JACH 1.73 46 iP 03 16.17 -0.4
iS 03 40.30
S.D. = 0.6 on 10 of 10 obs.

? JUN 28, 1994 01h 12m 23.97± 5.70s
32.240 S ±37.3km 71.792 W ±23.7km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.7 (SAN).

ROCH 0.98 138 iPd 12 42.92 0.1
iS 12 57.50
JACH 1.11 114 iP+ 12 44.40 -0.4
iS 13 00.04
LCCH 1.25 171 iPd 12 46.69 -0.4
iS 13 04.97
PEL 1.30 134 iPd 12 48.05 0.0
iS 13 06.48
TACH 1.58 153 eP 12 52.37 0.3
iS 13 15.41
FCH 1.67 131 iP 12 53.53 -0.1
iS 13 16.58
LNV 1.74 170 iP 12 54.22 -0.2
iS 13 19.81
PCH 1.75 142 iPd 12 55.04 0.4
iS 13 19.26
CHCH 1.94 151 iP 12 57.61 0.2
(S) 13 26.06
CACH 2.12 152 iP 13 01.38 1.3X
(S) 13 32.67
S.D. = 0.3 on 9 of 10 obs.

? JUN 28, 1994 01h 38m 34.12± 4.01s
43.699 N ±18.1km 6.342 E ±24.7km
DEPTH = 5.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)

LRG 0.24 177 Pg 38 39.20 0.1
Sg 38 43.90
FRF 0.26 122 Pg 38 39.50 0.1
Sg 38 44.00
LMR 0.39 162 Pg 38 41.70 -0.2
Sg 38 48.30
SBF 0.81 78 Pg 38 50.30 0.0
Sg 39 02.60
S.D. = 0.2 on 4 of 4 obs.

? JUN 28, 1994 01h 41m 20.61± 5.29s
24.413 S ±50.8km 67.230 W ±29.3km
DEPTH = 207.6 ± 42.3 km
CHILE-ARGENTINA BORDER REGION (127)

MOCB 3.47 25 P 42 17.30 0.1
CCH 7.07 9 P 43 02.30 -0.6
LPB 7.88 354 P 43 14.50 0.7
S 44 39.30
LPAZ 8.13 354 P 43 17.10 -0.1
S 44 40.30
ARE 8.86 332 eP 43 26.00 -0.2
eS 44 58.00
VAO 18.61 90 eP 45 24.90 0.0
LRM 81.07 330 eP 53 20.20 6.3X
S.D. = 0.7 on 6 of 7 obs.

& JUN 28, 1994 02h 13m 17.96s
40.304 N 124.538 W
DEPTH = 21.5km
NEAR COAST OF NORTHERN CALIF. (35)
<GM-P>. MD 2.8 (GM). ML 2.6
(GS).

KJJM 0.19 108 P 13 23.32 0.2
KSMM 0.30 113 P 13 24.72 -0.1
KMPM 0.34 70 iPd 13 25.54 0.1
KBBM 0.54 101 P 13 28.76 0.1
KBRM 0.61 46 P 13 29.25 -0.7
KGMM 0.80 55 P 13 32.41 -0.8
KHMM 0.84 47 P 13 32.79 -1.0
KIPM 0.95 121 P 13 32.66 -3.1
KCPM 0.96 130 P 13 34.47 -1.4
KFPM 1.08 127 P 13 36.13 -1.8
KSPM 1.12 134 P 13 36.63 -1.8
GNAM 1.31 147 P 13 39.00 -2.0
KRMM 1.31 21 P 13 39.00 -2.1
WDC 1.55 79 eP 13 42.78 -1.7
LBKM 1.62 61 P 13 43.88 -1.8
GHLM 1.72 137 P 13 45.04 -2.0
GPMM 1.90 139 P 13 47.75 -2.0
LGBM 2.06 59 P 13 51.18 -1.0
FTR 2.07 149 P 13 49.75 -2.4
LBFM 2.26 62 eP 13 53.73 -1.3
MGL 2.34 101 P 13 53.95 -2.0
ORV 2.45 107 eP 13 55.59 -1.9
SAC 3.18 148 P 14 05.32 -2.5
23 obs. associated

? JUN 28, 1994 03h 04m 45.74± 8.49s
38.561 N ±45.8km 26.203 E ±60.8km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.2 (ISK).

IZM 0.85 101 ePg 05 02.10 0.0
eSg 05 14.30
EZN 1.27 4 iPn 05 09.40 0.2
EDC 2.20 35 ePn 05 22.00 -0.8
KCT 2.37 44 ePn 05 26.00 0.7
MFT 2.37 20 ePn 05 25.30 -0.1
S.D. = 0.8 on 5 of 5 obs.

% JUN 28, 1994 03h 22m 35.14± 0.67s
40.791 N ± 5.8km 27.807 E ± 5.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

MFT 0.40 270 iPg 22 42.80 -0.5
iSg 22 48.30
EDC 0.45 174 iPg 22 45.00 0.8
iSg 22 52.00
CTT 0.59 53 iPg 22 46.90 -0.2
KCT 0.68 142 iPn 22 48.40 -0.3
ISK 0.99 73 iPg 22 54.10 0.2
eSg 23 08.30
DMK 1.03 358 ePg 22 55.30 0.7
eSg 23 09.20
HRT 1.41 88 ePn 23 00.30 -0.6
S.D. = 0.7 on 7 of 7 obs.

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* JUN 28, 1994 03h 22m 43.44± 0.86s
38.499 N ± 6.4km 20.577 E ±20.6km
DEPTH = 5.0km (geophysicist)
GREECE (364)
MD 3.1 (ATH).

VLS 0.32 178 ePg 22 49.90 0.0
eSg 22 55.80
KEK 1.36 334 ePb 23 09.20 0.3
KZN 2.03 27 ePg 23 26.70 8.0X
KBN 2.13 4 ePn 23 24.00 3.8X
VLI 2.58 133 ePg 23 35.00 8.4X
OHR 2.61 4 iPn 23 27.50 0.4
TIR 2.90 349 ePn 23 38.60 7.5X
PHP 3.18 358 ePn 23 34.30 -0.8
VAY 3.21 28 ePn 23 35.60 0.2
SKO 3.53 11 ePn 23 45.50 5.4X
S.D. = 0.7 on 5 of 10 obs.

& JUN 28, 1994 03h 22m 49.54s
33.878 N 119.568 W
DEPTH = 6.0km (geophysicist)
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 2.7 (GS).

ECF 0.70 34 P 23 02.64 -0.9
FIL 0.82 48 P 23 04.86 -0.9
LOK 0.93 25 P 23 06.07 -1.7
PYR 0.97 45 P 23 06.94 -1.5
ABL 1.01 16 iPd 23 07.53 -1.7
PKM 1.04 349 P 23 08.10 -1.5
MARC 1.14 9 eP 23 09.98 -1.2
S 23 25.79
SWM 1.17 44 P 23 10.19 -1.7
SCCM 1.17 335 P 23 10.28 -1.5
LHU 1.24 50 P 23 10.68 -2.4
MWC 1.30 74 P 23 12.39 -1.7
TJR 1.33 31 P 23 12.48 -2.1
BCH 1.37 342 eP 23 13.16 -2.1
ARVC 1.39 26 P 23 13.51 -1.9
FOXC 1.40 52 P 23 14.57 -1.1
DBM 1.48 42 P 23 15.22 -1.7
SSK 1.59 77 eP 23 18.71 0.2
LJB 1.59 63 P 23 16.73 -1.7
SBB 1.65 60 P 23 17.97 -1.3
WHVM 1.84 28 P 23 20.75 -1.3
CSP 1.88 77 eP 23 22.72 0.1
HYS 1.92 59 P 23 18.48 -4.7
DTP 1.99 45 P 23 22.39 -1.7
ISA 2.00 27 eP 23 22.47 -1.8
PEC 2.00 89 eP 23 24.47 0.2
POB 2.21 94 P 23 29.95 2.6
PLM 2.32 102 eP 23 31.81 2.8
GSC 2.69 57 eP 23 31.90 -2.3
28 obs. associated

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* JUN 28, 1994 03h 56m 09.97± 1.42s
37.834 N ±12.3km 20.981 E ±13.2km
DEPTH = 33.0km (normal)
IONIAN SEA (399)
MD 3.2 (ATH).

VLS 0.46 318 ePg 56 20.50 0.5
VLI 1.92 125 ePb 56 40.50 -0.4
KEK 2.09 334 ePg 56 51.80 8.4X
ATH 2.17 86 ePb 56 45.00 0.6
KZN 2.54 14 ePn 56 50.40 0.5
OHR 3.28 358 ePn 57 00.30 0.1
VAY 3.69 19 ePn 57 06.40 0.3
SKO 4.15 5 ePn 57 11.00 -1.6
e 57 24.00
S.D. = 0.9 on 7 of 8 obs.

% JUN 28, 1994 03h 58m 21.52± 1.25s
47.511 N ± 8.0km 0.782 W ±20.7km
DEPTH = 10.0km (geophysicist)
FRANCE (538)

LPF 0.55 342 Pg 58 32.60 0.0
Sg 58 39.40
GRR 0.88 357 Pg 58 38.30 -0.1
Sg 58 49.10
MFF 1.01 154 Pg 58 40.60 0.0
Sg 58 54.10
LDF 1.17 22 Pg 58 43.10 -0.3
Sg 58 55.80
FLN 1.27 9 Pg 58 45.50 0.4
Sg 58 59.80
S.D. = 0.4 on 5 of 5 obs.

JUN 28, 1994 04h 08m 41.11± 0.41s
35.101 N ± 6.5km 135.662 E ± 5.2km
DEPTH = 10.0km (geophysicist)
4.2mb (4 obs.)
WESTERN HONSHU, JAPAN (232)

TSRJ 0.51 31 iP+ 08 50.90 -0.5
eS 08 57.30
WKYJ 0.88 184 P 08 58.50 0.4
S 09 10.60
TKSJ 1.74 231 iPd 09 11.40 -0.1
YONJ 1.80 273 iPd 09 12.20 -0.3
S 09 35.30
IIDJ 1.88 78 iPd 09 13.30 -0.3
eS 09 37.80
MTMJ 2.29 49 P 09 19.80 0.3
CHJJ 2.88 70 P 09 28.40 0.6
NIIJ 3.44 51 eP 09 39.00 3.2X
KAKJ 3.84 72 eP 09 41.10 -0.3
SHNJ 3.88 257 P 09 41.60 -0.5
eS 10 40.60
KUMJ 4.77 239 P 09 56.20 1.5
eS 11 13.70
KAGJ 5.59 227 eP 10 05.90 -0.4
OFUJ 6.23 49 eP 10 15.80 0.5
BJI 16.21 293 eP 12 34.50 4.1X
1.0s 6.00nm 3.7mb
Z 16s 0.58um 4.4Msz
LZH 25.84 281 eP 14 13.50 -1.0
1.5s 27.00nm 4.7mb
Z 12s 0.68um 4.4MszX
E 10s 0.40um
pP 14 17.00 12kmX
DZM 63.92 148 iPd 19 15.30 -1.3
NB2 74.08 335 P 20 20.20 1.4
1.1s 4.10nm 4.4mb
GEC2 81.78 326 P 21 05.20 3.8X
0.9s 1.17nm 3.9mb
e 21 09.50
LPAZ 151.65 55 PKP 28 36.30 4.3X
LPB 151.85 55 ePKP 28 42.00 10.0X
S.D. = 0.8 on 15 of 20 obs.

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   JUN 28, 1994  04h 17m 18.31± 0.66s
  43.664 N ± 5.3km     6.312 E ± 5.1km
   DEPTH -  10.0km  (geophysicist)
 NEAR SOUTH COAST OF FRANCE       (379)
     ML 1.7 (STR).

LRG       0.21 171 Pg      17 23.90    1.0
                   Sg      17 27.90
FRF       0.26 113 Pg      17 24.20    0.3
                   Sg      17 29.00
LMR       0.36 156 Pg      17 26.30    0.6
                   Sg      17 32.60
CDR       0.40 272 eP      17 25.10   -1.3
                   iSg     17 30.00
CALN      0.43  78 Pg      17 26.78   -0.3
                   Sg      17 34.75
MVIF      0.65  69 Pg      17 30.83   -0.6
TOUF      0.76  62 Pg      17 32.20   -1.1
AURF      0.77  73 Pg      17 33.63    0.3
REVF      0.77  84 Pg      17 33.63    0.3
SBF       0.84  76 Pg      17 35.00    0.5
                   Sg      17 47.20
AUTN      0.87  67 Pg      17 34.16   -1.1
                   Sg      17 50.18
SAOF      0.96  70 Pg      17 37.03    0.5
                   Sg      17 51.94
LPG       1.86  10 Pg      17 52.30    1.5
                   Sg      18 14.50
LPL       1.88   9 Pg      17 51.90    1.0
                   Sg      18 15.40
PGF       2.26 119 Pn      17 54.90   -1.5
                   Sn      18 22.70
     S.D. - 1.0  on  15 of  15 obs.
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% JUN 28, 1994  04h 51m 59.42± 1.29s
  33.614 S ± 6.3km    71.636 W ±12.2km
   DEPTH -  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE      (135)
     MD 3.9 (SAN).

LCCH      0.15  22 iPd     52 05.81    0.3
                   iS      52 11.17
LNV       0.39 151 iPd     52 08.16   -0.2
                   iS      52 15.34
TACH      0.58  94 iPd     52 11.01   -0.2
                   iS      52 20.01
ROCH      0.83  39 iPd     52 14.48   -0.4
                   iS      52 26.60
SAN       0.83  79 iP+     52 14.95    0.2
                   iS      52 27.14
CHCH      0.88 111 iP+     52 15.11   -0.3
                   iS      52 27.33
PEL       0.92  60 iP+     52 16.58    0.5
                   iS      52 29.98
PCH       0.94  91 iP+     52 16.12   -0.2
                   iS      52 29.07
CACH      1.00 120 iP+     52 17.67    0.4
                   iS      52 32.48
FCH       1.16  76 iP+     52 19.92    0.2
                   iS      52 36.37
JACH      1.28  44 iP+     52 20.75   -0.4
                   iS      52 38.53
     S.D. - 0.4  on  11 of  11 obs.
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% JUN 28, 1994  08h 58m 31.58± 0.82s
  40.484 N ± 6.0km    22.986 E ± 6.4km
   DEPTH -   5.0km  (geophysicist)
 GREECE                           (364)
     ML 1.7 (THE).

THE       0.15 354 iPg     58 35.38    0.8
                   eSg     58 36.40
SOH       0.44  40 ePg     58 40.72    0.3
LIT       0.54 225 iPg     58 42.56    0.2
GRG       0.65 317 ePg     58 44.20   -0.3
KNT       0.68 354 iPg     58 44.52   -0.7
                   iSg     58 54.46
OUR       0.78 101 ePg     58 46.76   -0.3
     S.D. - 0.7  on   6 of   6 obs.
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? JUN 28, 1994  09h 44m 09.80± 4.56s
  41.695 N ±28.8km    23.812 E ±17.7km
   DEPTH -   5.0km  (geophysicist)
 GREECE-BULGARIA BORDER REGION    (363)
     ML 2.4 (THE).
SRS       0.60 196 ePg     44 22.17    0.3
                   eSg     44 29.74
KNT       0.87 233 ePg     44 26.78   -0.2
                   eSg     44 38.64
SOH       0.94 202 ePg     44 27.74   -0.5
                   eSg     44 40.54
THE       1.24 211 ePb     44 33.14   -0.1
                   iSb     44 50.06
GRG       1.29 236 ePb     44 34.62    0.4
                   eSb     44 52.10
OUR       1.37 175 iPb     44 35.53    0.1
                   eSb     44 53.58
     S.D. - 0.4  on   6 of   6 obs.
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   JUN 28, 1994  10h 22m 53.32± 0.32s
  41.035 N ± 3.6km    20.131 E ± 3.2km
   DEPTH -  28.1 ±  3.4 km
   4.0mb (  5 obs.)
 ALBANIA                          (391)
     ML 4.1 (TTG), 3.8 (THE), 3.6
     (TIR). MD 4.2 (ATH).

TIR       0.37 327 iPgc    23 00.00   -1.6
                   iSg     23 05.60
OHR       0.51  81 iPgd    23 03.60   -0.3
           0.6s  3890.00nm
                   iSg     23 12.40
KBN       0.65 129 iPgd    23 05.20   -0.9
PHP       0.69  20 iPgd    23 06.10   -0.7
                   iSg     23 17.10
FNA       0.98 104 iPg     23 11.21    0.0
                   eSg     23 25.55
SDA       1.12 335 iPgd    23 14.60    1.4
                   iSg     23 30.60
ULC       1.14 325 iPgd    23 13.58    0.1
                   iSg     23 30.60
SRN       1.16 185 iPnd    23 15.00    1.3
                   iSn     23 32.30
IGT       1.51 174 ePb     23 19.26    0.5
                   eSb     23 40.62
TTG       1.54 335 iPgd    23 19.76    0.7
                   iSg     23 41.42
PVY       1.56 356 iPnd    23 21.03    1.4
                   iSn     23 43.63
BDV       1.58 322 iPgd    23 19.78    0.0
                   iSg     23 41.25
GRG       1.72  92 ePb     23 22.14    0.3
                   eSb     23 44.74
IVA       1.84 355 iPnd    23 25.13    1.5
                   iSn     23 50.33
VAY       1.86  80 iPn     23 23.70   -0.1
                   iPg     23 26.30
                   i       23 33.50
                   i       23 44.30
                   iSn     23 47.40
                   i       23 52.00
                   Lg      23 54.00
HCY       1.87 320 iPnd    23 23.22   -0.7
                   iSn     23 47.74
NKY       1.97 335 iPnc    23 25.63    0.2
                   iSn     23 51.63
LIT       2.02 117 ePn     23 26.62    0.4
                   eSn     23 52.46
KNT       2.09  86 iPn     23 26.94   -0.3
                   eSn     23 54.30
THE       2.19 100 ePn     23 28.70    0.2
                   eSn     23 56.58
BRY       2.21 328 iPnd    23 28.56   -0.4
                   iSn     23 57.02
PLE       2.36 347 iPnd    23 31.85    0.8
                   iSn     24 02.07
KKB       2.37  68 iPc     23 30.00   -1.1
SOH       2.45  94 iPn     23 32.17   -0.2
                   eSn     24 02.22
SRS       2.62  87 iPn     23 34.14   -0.5
                   eSn     24 06.88
AGG       2.63 139 ePn     23 35.69    0.9
                   eSn     24 07.65
MMB       2.77  77 iPc     23 35.00   -1.7
VTS       2.78  55 iPc     23 36.00   -1.0
VLS       2.88 173 ePn     23 36.60   -1.7
PAIG      2.92 111 ePn     23 38.14   -0.8
                   eSn     24 14.26
OUR       3.01 102 iPn     23 39.82   -0.4
                   eSn     24 16.98
PGB       3.38  62 iPc     23 44.00   -1.5
RZN       3.51  78 iPc     23 36.00 -11.5X
PLD       3.59  71 iPc     23 44.00   -4.5X
MGR       3.60 257 P       23 46.79   -1.8
SGO       3.69 264 P       23 47.99   -1.8
BEO       3.79   3 iP      23 50.40   -0.8
KDZ       4.03  79 iPd     23 52.00   -2.6X
RDO       4.09  87 ePn     23 55.00   -0.5
ATH       4.13 137 ePn     23 56.00   -0.1
DIM       4.18  74 eP      23 56.00   -0.8
DUI       4.32 280 P       23 57.15   -1.6
PVL       4.44  59 eP      23 57.00   -3.5
ALN       4.48  90 iPn     24 00.26   -0.8
RFI       4.65 275 P       24 02.37   -1.0
VLI       4.83 152 ePn     24 06.50    0.5
JMB       5.03  71 eP      24 06.00   -2.9X
AQU       5.21 287 P       24 09.31   -2.1X
GIB       5.61 239 P       24 13.82   -3.4X
PTJ       5.73 329 iPn     24 15.90   -2.9X
                   iSn     25 15.80
MNS       5.74 286 P       24 16.87   -2.0X
USI       5.83 249 P       24 16.04   -4.1X
ARV       5.87 297 P       24 17.25   -3.5X
ASS       5.92 293 P       24 19.01   -2.5X
RSM       6.37 300 P       24 24.75   -3.0X
LJU       6.45 323 ePn     24 26.20   -2.6X
                   eSn     25 36.50
TRI       6.58 317 e(Pn)   24 26.90   -3.8X
                   e(Sn)   25 38.80
VOY       6.74 320 ePnc    24 29.60   -3.5X
                   eSn     25 43.30
SFI       6.77 298 P       24 30.69   -2.6X
PGD       6.84 297 P       24 31.22   -3.2X
SRO       6.90 350 eP      24 42.00    6.9X
ZST       7.48 344 eP      24 34.50   -8.7X
BDI       7.66 296 P       24 41.70   -4.2X
KBA       7.77 323 iPnc    24 44.10   -3.4X
                   iPg     25 10.90
                   iSn     25 56.70
                   iSg     26 39.50
PGF       8.45 284 eP      24 53.50   -3.5X
         0.5s      5.70nm           5.0mb X
WTTA      8.72 318 iPnc    24 57.30   -3.4X
                   i       26 31.40
                   i       26 32.50
OGA       8.78 315 iPc     25 05.80    4.2X
WATA      8.80 319 iPnd    24 58.90   -2.8X
                   i       26 33.80
                   i       26 37.00
SQTA      8.91 317 iPnd    25 00.40   -2.8X
                   i       26 37.00
GEC2      9.04 332 P       25 01.30   -3.7X
                   e       25 03.70
                   e       25 21.30
MOTA      9.04 317 iPnc    25 01.50   -3.6X
                   i       26 38.60
                   i       26 40.10
KHC       9.32 332 eP      25 07.50   -1.4X
                   e       25 24.50
                   e       28 31.00
TMA       9.61 306 ePd     25 08.00   -5.0X
PRU       9.77 338 eP      25 20.00    5.0X
SBF       9.80 291 eP      25 11.00   -4.5X
         0.5s      4.45nm           5.0mb X
LLS       9.92 310 ePd     25 15.10   -2.2X
FRF      10.30 289 eP      25 18.60   -3.8X
         0.4s      3.55nm           5.0mb X
LMR      10.37 287 eP      25 20.20   -3.0X
LRG      10.49 288 eP      25 19.60   -5.3X
DIX      10.52 303 ePc     25 22.70   -2.8X
LPG      10.73 299 eP      25 22.20   -6.2X
         0.5s      4.30nm           4.9mb X
LPL      10.74 299 eP      25 22.80   -5.8X
         0.4s      3.20nm           4.9mb X
BSF      11.70 310 eP      25 36.40   -5.1X
         0.5s      4.80nm           5.0mb X
CDF      11.74 313 eP      25 36.40   -5.5X
         0.4s      2.50nm           4.8mb X
HAU      12.05 310 eP      25 40.70   -5.3X
         0.7s     12.00nm           5.2mb X
SMF      13.02 301 eP      25 52.30   -6.7X
         0.4s      2.70nm           4.7mb X
LBF      13.05 302 eP      25 53.20   -6.3X
         0.4s      2.50nm           4.7mb X
LOR      13.23 304 eP      25 56.40   -5.4X
SSF      13.38 302 eP      25 58.00   -5.8X
AVF      13.39 301 eP      25 58.20   -5.6X
MAF      13.73 298 eP      26 04.00   -4.4X
KIV      16.88  73 eP      26 58.50    9.3X
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28d 10h

1.4s 9.00nm 3.7mb
OBN 17.80 32 eP 26 58.00 -2.4X
1.0s 27.00nm 4.3mb
HFS 19.54 350 eP 27 17.80 -3.6X
0.4s 3.30nm 3.9mb
NB2 20.76 348 P 27 30.00 -4.3X
0.5s 0.80nm 3.4mb
KAF 21.44 8 iP 27 36.60 -4.4X
0.7s 8.60nm 4.3mb
BRVK 35.51 53 iPc 29 47.00 -2.4X
S.D. = 1.1 on 43 of 97 obs.

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* JUN 28, 1994 10h 56m 14.30± 0.35s
15.210 S ±17.0km 173.462 W ±14.7km
DEPTH = 33.0km (normal)
4.8mb (10 obs.)
TONGA ISLANDS (173)

DZM 20.21 247 iPc 00 49.40 -0.1
TOO 42.54 231 iPd 04 07.50 -1.1
0.8s 21.00nm 4.9mb
STKA 44.08 240 eP 04 19.90 -1.3
0.4s 6.50nm 4.8mb
GSC 73.50 45 eP 07 45.44 -0.4
TNP 74.74 43 eP 07 52.09 -1.1
1.2s 12.57nm 4.8mb
SPA 74.89 180 iPc 07 53.40 -0.1
1.0s 7.50nm 4.6mb
ARUT 77.11 45 eP 08 06.28 -0.2
SVW 77.38 9 eP 08 06.34 -1.0
0.4s 5.55nm 4.9mb
RMW 77.59 33 eP 08 08.33 -0.5
SLKM 77.74 12 eP 08 08.87 -0.4
MSU 78.34 45 eP 08 13.50 0.2
TTA 79.07 8 eP 08 16.43 -0.2
0.8s 3.95nm 4.5mb
HVU 79.60 42 eP 08 19.65 -0.4
SRU 79.75 45 eP 08 20.72 -0.2
DAU 79.90 43 eP 08 21.73 -0.2
PV09 80.41 46 eP 08 24.57 -0.1
PV10 80.42 46 eP 08 23.54 -1.1
HHAI 80.64 40 eP 08 26.98 1.5
ALQ 80.72 50 eP 08 25.85 -0.4
0.5s 2.93nm 4.5mb
PV08 80.79 46 eP 08 26.46 -0.2
LRM 81.90 38 ePd 08 31.50 -0.7
BW06 82.17 42 eP 08 32.81 -0.8
1.2s 11.69nm 4.8mb
GLD 83.69 46 eP 08 42.25 0.8
1.3s 19.30nm 5.1mb
RSSD 86.36 43 eP 08 54.80 0.0
1.0s 8.19nm 4.9mb
MEO 86.60 53 iPc 08 55.50 -0.4
PRU 144.71 351 ePKP 15 48.00 -1.3
GRF 145.40 355 ePKPc 15 50.70 0.2
KHC 145.68 352 iPKPc 15 52.00 1.0
1.1s 12.50nm
GEC2 145.95 352 PKP 15 51.60 0.1
1.0s 5.29nm
ZST 145.97 347 ePKP 15 52.30 0.8
FLN 146.05 8 ePKP 15 52.30 0.7
LDF 146.26 8 ePKP 15 52.90 1.0
GRR 146.36 9 ePKP 15 53.70 1.6
LPF 146.68 9 ePKP 15 54.00 1.4
1.0s 12.20nm
CDF 146.89 359 ePKP 15 54.10 1.0
1.1s 13.45nm
HAU 147.30 0 ePKP 15 55.30 1.7
0.8s 7.95nm
LOR 147.96 3 ePKP 15 57.00 2.3X
1.0s 6.20nm
SSF 148.14 4 ePKP 15 57.60 2.6X
1.0s 11.00nm
MFF 148.21 9 ePKP 15 57.20 2.1X
LBF 148.25 3 ePKP 15 57.80 2.6X
1.0s 7.20nm
AVF 148.40 4 ePKP 15 57.90 2.5X
1.1s 5.60nm
BGF 148.59 5 ePKP 15 58.50 2.8X
TCF 148.81 6 ePKP 15 58.90 2.8X
MAF 148.90 5 ePKP 15 59.40 3.1X
1.2s 10.70nm
RJF 149.70 7 ePKP 16 01.30 3.8X
LPL 149.79 360 ePKP 16 02.90 5.0X
LPG 149.81 360 ePKP 16 03.10 5.1X
1.0s 8.20nm
LFF 149.96 8 ePKP 16 01.90 4.1X
OHR 151.38 337 iPKP 16 07.00 6.8X
EPF 151.77 10 ePKP 16 06.60 5.9X
S.D. = 0.9 on 36 of 50 obs.

& JUN 28, 1994 12h 16m 43.65s
34.271 N 118.529 W
DEPTH = 10.6km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.4 (PAS), 2.7 (GS).

SSK 0.70 95 eP 16 56.49 -1.0
ABL 0.81 316 eP 16 58.15 -1.4
CSP 0.97 88 eP 17 01.28 -0.9
PEC 1.20 108 eP 17 04.51 -1.4
ISA 1.39 2 eP 17 08.02 -1.0
PLM 1.66 123 eP 17 11.82 -1.2
GSC 1.75 54 eP 17 16.16 1.9
7 obs. associated

? JUN 28, 1994 12h 23m 50.33± 7.17s
42.364 N ±62.4km 25.114 E ±19.7km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

ALN 1.62 154 ePb 24 18.96 -0.1
eSb 24 44.38
SRS 1.69 223 ePb 24 20.76 0.7
eSb 24 41.84
SOH 2.03 221 ePn 24 23.28 -1.7
KNT 2.05 235 ePn 24 22.44 -2.8X
eSn 24 51.40
VAY 2.17 242 ePn 24 15.00 -12.0X
i 24 23.70
OUR 2.20 203 ePn 24 28.10 0.7
eSn 24 58.44
GRG 2.47 236 ePn 24 31.72 0.4
eSn 25 01.78
PAIG 2.66 204 ePn 24 34.00 -0.1
S.D. = 1.2 on 6 of 8 obs.

JUN 28, 1994 13h 26m 09.62± 0.79s
41.199 N ± 8.4km 21.953 E ± 4.1km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.1 (SKO).

GRG 0.42 125 iPg 26 17.89 -0.1
eSg 26 26.38
VAY 0.48 75 iPg 26 19.40 0.1
0.2s 140.00nm
iSg 26 26.40
FNA 0.60 227 ePg 26 21.02 -0.7
eSg 26 31.02
KNT 0.71 93 ePg 26 23.30 -0.6
OHR 0.88 265 iPg 26 27.30 0.3
0.5s 70.00nm
iSg 26 41.00
THE 0.95 126 ePg 26 28.38 0.2
SOH 1.13 109 ePb 26 30.94 -0.3
LIT 1.17 159 ePb 26 32.18 0.2
SRS 1.24 93 ePb 26 32.86 -0.3
eSb 26 50.74
OUR 1.77 119 iPb 26 42.02 1.0
S.D. = 0.6 on 10 of 10 obs.

JUN 28, 1994 14h 04m 54.78± 0.76s
41.180 N ± 8.5km 21.996 E ± 4.2km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.2 (THE), 1.8 (SKO).

GRG 0.38 126 ePg 05 02.66 0.3
eSg 05 08.82
VAY 0.46 72 iPg 05 04.30 0.4
0.2s 60.00nm
iSg 05 11.80
FNA 0.61 230 ePg 05 06.86 -0.2
eSg 05 15.54
KNT 0.68 91 ePg 05 08.02 -0.4
eSg 05 18.66
OHR 0.91 266 ePn 05 12.80 0.2
SOH 1.09 109 iPg 05 15.94 0.2
eSg 05 32.54
LIT 1.14 161 ePb 05 16.73 0.1
SRS 1.21 92 ePb 05 17.26 -0.5
eSb 05 35.18
S.D. = 0.4 on 8 of 8 obs.

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* JUN 28, 1994 14h 45m 17.42± 0.80s
10.850 S ±10.9km 112.636 E ±13.8km
DEPTH = 33.0km (normal)
5.1mb (4 obs.)
SOUTH OF JAWA, INDONESIA (282)

KHKI 3.83 50 eP 46 16.20 0.7
eS 47 02.30
e 50 52.00
LEM 6.37 308 ePd 46 51.20 -0.4
NANU 11.97 167 eP 48 09.40 0.6
eS 50 18.00
MBL 12.36 147 eP 48 13.00 -1.0
0.3s 8.00nm 5.3mb
eS 50 22.00
BDT 31.00 334 eP 51 32.00 -2.2
CHTO 32.42 335 eP 51 46.90 0.1
STKA 33.95 132 iPd 52 04.10 4.2X
0.9s 17.70nm 5.0mb
KMI 37.03 345 ePc 52 28.00 1.6X
1.0s 10.00nm 4.6mb
GBA 42.54 304 P 53 14.00 2.1
LZH 47.41 350 Pc 53 51.00 0.1
1.0s 27.00nm 5.2mb
S.D. = 1.5 on 8 of 10 obs.

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* JUN 28, 1994 15h 17m 22.97± 0.57s
36.558 N ±21.9km 68.723 E ±10.8km
DEPTH = 33.0km (normal)
4.4mb (5 obs.)
HINDU KUSH REGION, AFGHANISTAN (718)

MAIO 7.44 271 ePn 19 12.00 -0.1
eSn 20 32.00
PYUN 14.70 121 P 20 50.29 -0.3
0.5s 17.00nm 4.7mb
GKN 15.92 118 P 21 05.77 -0.5
0.5s 21.00nm 4.5mb
DMN 16.49 118 P 21 13.07 -0.5
KKN 16.50 117 P 21 13.87 0.1
PKI 16.72 118 P 21 17.01 0.4
0.3s 8.00nm 4.3mb
JIRN 17.23 116 P 21 23.93 0.8
0.4s 12.00nm 4.4mb
PTJ 40.12 300 eP 24 57.80 0.6
NB2 43.23 323 P 25 22.00 -0.5
0.5s 0.70nm 3.7mb
S.D. = 0.6 on 9 of 9 obs.

JUN 28, 1994 15h 46m 09.97± 0.38s
37.138 N ± 3.8km 116.380 W ± 3.9km
DEPTH = 5.0km (geophysicist)
SOUTHERN NEVADA (41)
ML 3.0 (GS).

TPNV 0.22 151 eP 46 14.28 -0.1
TNP 1.15 325 ePc 46 30.87 -1.3
eS 46 45.82
RCWM 1.56 221 P 46 39.15 0.6
CLC 1.64 217 P 46 39.93 0.3
BONR 1.73 299 eP 46 40.46 -0.7
BNPN 1.75 300 P 46 40.60 -0.8
MTUM 1.76 278 eP 46 41.19 -0.3
MRCM 1.78 288 eP 46 42.80 1.0
XMS 1.79 206 P 46 42.13 0.3
GSC 1.86 191 eP 46 42.39 -0.5
WWPM 1.96 225 P 46 44.84 0.5
MMPM 2.16 283 (P) 46 47.52 0.1
ISA 2.24 230 eP 46 48.64 0.3
KVN 2.34 325 (P) 46 50.09 0.1
GRP 2.41 165 P 46 49.41 -1.4
ARUT 2.43 74 eP 46 50.80 -0.3
CMB 3.31 287 (P) 47 04.28 0.8
MSU 3.60 66 (Pn) 47 08.97 1.1
DUG 4.14 41 (Pn) 47 15.77 0.5
S.D. = 0.8 on 19 of 19 obs.

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* JUN 28, 1994 16h 10m 18.03± 0.58s
21.737 S ±16.0km 174.404 W ± 9.8km
DEPTH = 33.0km (normal)
5.0mb (13 obs.)
TONGA ISLANDS (173)

BKM 16.83 281 iPc 14 19.00 6.1X
DZM 17.78 265 iPc 14 27.30 2.6
NOUC 17.91 265 iP 14 29.00 2.8

TOO 37.95 236 iPd 17 34.30 -0.1
0.4s 21.00nm 5.4mb
STKA 40.32 246 iPc 17 52.40 -1.7
0.7s 15.50nm 4.9mb
GUA 53.13 308 eP 19 34.30 -0.8
0.8s 179.10nm 6.1mb X
GUMO 53.19 308 eP 19 33.10 -2.4
1.1s 172.40nm 5.9mb
PJG 53.19 308 eP 19 34.10 -1.4
MBL 60.77 257 eP 20 27.00 -2.3
0.4s 11.00nm 5.3mb
NANU 64.31 255 iPc 20 51.70 -1.2
0.5s 12.00nm 5.2mb
CGP 66.83 290 ePd 21 07.00 -2.1
SPA 68.39 180 iPc 21 18.20 -0.3
1.0s 13.00nm 5.0mb
MAT 73.22 322 eP 21 46.00 -1.7
0.5s 4.23nm 4.7mb
KUSJ 74.68 330 eP 21 56.50 0.5
ASAJ 76.43 330 eP 22 07.70 1.8
ARN 77.01 41 eP 22 09.69 0.3
ISA 77.85 44 eP 22 13.98 -0.2
1.3s 15.04nm 4.9mb
YSS 78.60 332 eP 22 19.00 1.2
GSC 78.72 45 eP 22 19.02 0.1
MRCM 79.07 42 eP 22 21.81 0.8
BONR 79.37 42 eP 22 22.74 0.0
TPNV 80.06 44 eP 22 26.09 -0.2
TUC 81.14 50 eP 22 33.10 1.1
1.0s 9.77nm 4.8mb
SHW 82.46 34 eP 22 38.86 0.3
LON 83.05 33 eP 22 41.18 -0.3
RMW 83.53 33 eP 22 43.75 -0.2
MSU 83.60 44 eP 22 45.55 0.8
e 23 09.56
SLKM 84.28 12 eP 22 46.73 -0.7
SRU 85.00 45 eP 22 51.71 0.0
ALQ 85.59 50 eP 22 55.01 0.3
0.9s 10.41nm 5.1mb
TTA 85.63 8 eP 22 54.23 0.1
1.1s 5.65nm 4.7mb
BALM 86.45 15 eP 22 58.16 -0.2
FBA 88.76 11 eP 23 08.35 -0.9
1.3s 2.69nm 4.4mb
BJI 89.14 314 eP 23 11.50 0.0
BDT 93.19 287 eP 23 32.00 1.4
CHTO 93.82 289 ePd 23 36.00 2.4
0.9s 10.66nm 5.3mb
WTS 149.78 359 ePKP 30 05.50 4.6X
1.0s 12.80nm
CLL 149.92 351 iPKPc 30 05.70 4.5X
1.9s 40.00nm
UZH 150.03 338 ePKPc 30 06.00 4.6X
1.0s 45.00nm
e 30 14.70
BRG 150.19 349 iPKPc 30 06.70 5.1X
1.1s 18.00nm
e 30 12.70
OKC 150.25 344 e(PKP)30 06.50 4.8X
e 30 21.90
MOX 150.76 352 ePKP 30 07.90 5.4X
1.0s 13.00nm
ENN 151.03 360 ePKP 30 08.50 5.7X
1.0s 10.00nm
DOU 151.69 1 PKP 30 10.20 6.3X
KHC 151.94 349 PKPc 30 11.00 6.7X
e 30 21.00
e 30 29.50
ZST 152.03 343 ePKP 30 24.30 19.9X
SRO 152.04 342 ePKP 30 21.20 16.8X
GEC2 152.19 348 PKP 30 11.00 6.2X
0.9s 2.87nm
e 30 28.20
e 30 32.20
e 30 41.10
FLN 152.60 9 ePKP 30 11.40 6.2X
0.9s 11.80nm
LDF 152.81 8 ePKP 30 12.00 6.5X
0.7s 3.65nm
GRR 152.91 9 ePKP 30 12.30 6.6X
0.6s 7.50nm
LPF 153.23 10 ePKP 30 13.00 6.9X
0.6s 7.60nm
CDF 153.35 358 ePKP 30 13.60 7.2X
0.8s 4.45nm
LOR 154.49 3 ePKP 30 14.50 6.6X
SSF 154.68 3 ePKP 30 16.50 8.4X

0.9s 5.90nm
LBF 154.78 3 ePKP 30 15.60 7.3X
S.D. = 1.3 on 35 of 56 obs.

JUN 28, 1994 16h 17m 44.23± 0.62s
41.738 N ± 6.1km 19.510 E ± 6.6km
DEPTH = 5.0km (geophysicist)
ALBANIA (391)
ML 2.5 (TIR), 2.1 (TTG).

LACI 0.18 124 iPg 17 47.90 0.0
iSg 17 51.80
ULC 0.30 319 iPgd 17 50.32 0.1
iSg 17 55.80
SDA 0.31 358 iPgd 17 52.00 1.4
iSg 17 58.40
TIR 0.47 146 ePg 17 54.30 0.6
PHP 0.70 94 ePg 17 57.90 -0.3
iSg 18 09.90
TTG 0.72 345 iPgc 17 57.72 -0.8
iSg 18 09.30
BDV 0.75 317 iPgd 17 58.50 -0.6
iSg 18 11.50
HCY 1.03 314 iPgc 18 04.12 -0.1
iSg 18 20.80
NKY 1.14 341 iPgd 18 05.66 -0.4
iSg 18 23.74
OHR 1.15 122 iPn 18 05.80 -0.5
0.7s 90.00nm
iSn 18 23.80
IVA 1.17 14 iPgc 18 05.88 -0.7
iSg 18 23.94
BRY 1.37 329 ePg 18 10.52 0.5
iSg 18 31.12
PLE 1.59 357 iPnc 18 14.22 1.0
iSn 18 38.00
S.D. = 0.8 on 13 of 13 obs.

% JUN 28, 1994 16h 32m 12.39± 2.69s
43.626 N ±19.0km 7.066 E ± 6.9km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 1.0 (STR).

CALN 0.18 314 Pg 32 16.51 0.0
Sg 32 19.67
REVF 0.25 62 Pg 32 17.64 0.0
Sg 32 22.23
MVIF 0.28 13 Pg 32 18.44 0.2
Sg 32 22.60
AURF 0.32 36 Pg 32 19.31 0.2
TOUF 0.41 19 Pg 32 20.50 -0.3
AUTN 0.45 35 Pg 32 21.75 0.1
SAOF 0.50 44 Pg 32 22.49 -0.1
S.D. = 0.2 on 7 of 7 obs.

% JUN 28, 1994 20h 18m 22.46± 0.74s
39.256 N ± 7.4km 29.227 E ± 9.1km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

ALT 0.72 106 ePg 18 36.50 -0.3
eSg 18 47.50
KHL 0.96 166 iPg 18 41.50 0.2
eSg 18 55.50
KCT 1.20 326 iPn 18 45.10 -0.1
YLV 1.31 5 ePn 18 47.70 0.4
EDC 1.51 316 ePn 18 50.00 -0.2
CTT 1.98 342 ePn 18 57.00 0.0
S.D. = 0.4 on 6 of 6 obs.

& JUN 28, 1994 20h 49m 20.89s
36.958 N 121.451 W
DEPTH = 6.6km
CENTRAL CALIFORNIA (39)
<GM-P>. MD 2.9 (GM).

OCR 0.06 228 P 49 22.61 -0.1
ANZ 0.13 237 P 49 24.35 0.6
LTR 0.14 123 P 49 23.70 -0.1
CBC 0.17 261 P 49 24.75 0.2
SAO 0.19 179 iPd 49 25.23 0.3
FRP 0.21 189 P 49 25.40 0.2
BVYM 0.21 172 P 49 25.69 0.4
ADR 0.25 326 P 49 25.96 0.0
BSRM 0.30 191 P 49 26.90 0.0

PEV 0.31 274 P 49 27.46 0.3
COE 0.35 329 eP 49 28.45 0.5
JSTM 0.37 312 P 49 28.17 -0.2
ARN 0.40 351 iPc 49 28.80 -0.1
SOS 0.44 299 P 49 29.14 -0.6
LT15 0.50 294 P 49 30.75 -0.3
BRMM 0.52 104 P 49 31.46 0.2
BPRM 0.59 202 P 49 32.31 -0.5
LRV 0.64 147 P 49 33.59 -0.1
CVAL 0.70 340 P 49 34.95 0.0
BAPM 0.80 191 P 49 35.93 -0.8
PJLM 0.90 165 P 49 37.93 -0.5
JEGM 0.98 305 eP 49 38.74 -1.1
PSAM 1.04 154 P 49 40.22 -0.5
PDRM 1.07 125 P 49 41.43 0.1
CMB 1.37 38 iPd 49 45.23 -1.2
PHAM 1.41 143 eP 49 45.91 -1.1
NTYM 1.72 326 eP 49 49.73 -1.7
MMPM 2.04 71 (P) 49 55.46 -0.9
BCH 2.09 148 eP 49 55.40 -1.5
MEMM 2.12 70 (P) 49 58.04 0.8
MRCM 2.45 72 eP 50 04.06 1.8
ORV 2.59 359 (P) 50 05.11 1.1
ISA 2.73 117 eP 50 04.54 -1.5
33 obs. associated

& JUN 28, 1994 22h 03m 09.61s
33.368 N 116.393 W
DEPTH = 7.8km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.2 (PAS), 3.3 (GS).

YAQ 0.20 170 P 03 13.80 -0.1
JULC 0.37 210 P 03 16.71 -0.4
PLM 0.39 268 iPc 03 17.37 -0.2
CBKC 0.48 166 P 03 18.44 -0.9
POB 0.55 306 P 03 19.84 -0.8
INS 0.59 16 P 03 20.67 -0.8
FRK 0.63 87 P 03 21.17 -1.2
IKP 0.76 161 P 03 23.54 -1.1
PNMC 0.78 39 P 03 24.18 -1.0
PEC 0.83 309 iPc 03 24.73 -1.1
eS 03 35.31
ERPC 0.87 135 P 03 26.37 -0.2
SGL 0.91 142 P 03 25.29 -1.9
BTL 1.02 330 P 03 28.62 -0.7
SHH 1.02 37 P 03 28.17 -1.1
CSP 1.23 319 eP 03 32.00 -0.7
VPD 1.23 292 P 03 31.79 -0.8
GLA 1.35 103 eP 03 31.48 -3.3
SSK 1.37 308 eP 03 34.24 -0.9
eS 03 52.06
CFL 1.66 306 P 03 38.93 -0.4
FLSC 1.68 342 P 03 40.74 0.9
HYS 1.78 327 P 03 42.25 1.3
GSC 1.96 350 ePn 03 42.30 -1.3
DTP 2.24 328 P 03 50.38 2.7
ABL 2.77 303 (Pn) 03 54.50 -0.9
ISA 2.86 324 ePn 03 55.97 -0.5
BCH 3.55 302 ePn 04 06.30 0.0
TPNV 3.57 2 ePn 04 05.83 -0.8
27 obs. associated

& JUN 28, 1994 22h 45m 36.49s
31.877 N 115.699 W
DEPTH = 0.5km
BAJA CALIFORNIA, MEXICO (48)
<ECX-P>. MD 3.0 (ECX).

GLA 1.38 32 eP 45 59.60 -3.3
PLM 1.77 327 eP 46 05.93 -2.8
PEC 2.36 329 (P) 46 14.97 -2.1
CSP 2.79 330 (P) 46 19.86 -3.4
SSK 2.87 325 (P) 46 21.07 -3.4
5 obs. associated

JUN 28, 1994 23h 03m 58.96± 0.65s
36.451 N ±10.6km 142.401 E ± 7.1km
DEPTH = 33.0km (normal)
4.8mb (6 obs.)
OFF EAST COAST OF HONSHU, JAPAN (229)

KAKJ 1.82 263 P 04 27.00 -1.4
eS 04 49.40
OFUJ 2.69 348 eP 04 41.70 0.9
eS 05 16.00
CHJJ 2.78 263 P 04 40.50 -1.6

28d 23h

NIIJ 2.84 287 P 04 43.80 0.9
eS 05 21.90
MTMJ 3.70 273 P 04 55.60 0.3
IIDJ 3.77 256 P 04 56.10 -0.1
eS 05 38.60
TSRJ 5.28 262 eP 05 18.20 0.6
HOOJ 5.96 6 eP 05 26.20 -1.0
eS 06 36.20
WKYJ 5.99 250 eP 05 29.80 2.1
KUSJ 6.87 14 eP 05 37.50 -2.4
eS 06 52.60
TKSJ 7.27 253 eP 05 43.40 -2.1
YONJ 7.37 263 eP 05 49.60 2.6X
YSS 10.56 1 eP 06 39.00 8.0X
Z 15s 0.50um
N 15s 0.60um
BJI 20.88 288 eP 08 37.00 -3.6X
1.6s 8.00nm 3.9mb
Z 16s 0.58um 4.1MszX
N 12s 0.30um
eS 12 24.00
CIT 25.61 316 eP 09 27.80 1.0
YAK 26.79 347 eP 09 38.00 0.5
1.2s 52.00nm 5.0mb
Z 14s 0.70um 4.4MszX
N 14s 0.40um
E 12s 0.30um
BOD 28.39 328 eP 09 54.20 2.2
LZH 30.95 281 eP 10 14.20 -1.1
1.5s 40.00nm 5.0mb
Z 13s 0.52um 4.4MszX
E 10s 0.44um
pP 10 25.00 40kmX
PP 11 24.00
ZAK 31.25 309 eP 10 18.00 0.5
1.4s 37.00nm 5.0mb
eS 15 20.00
MOY 32.93 311 eP 10 32.40 0.2
SVW 45.49 37 (P) 12 21.10 4.5X
BRVK 51.61 313 eP 13 04.00 0.0
1.5s 12.00nm 4.6mb
Z 14s 0.17um 4.2MszX
N 16s 0.12um
E 14s 0.17um
SVE 56.11 319 ePd 13 50.80 13.7X
1.9s 40.00nm
Z 14s 0.40um 4.7MszX
N 14s 0.30um
E 13s 0.40um
KAF 69.19 333 iP 15 14.40 10.5X
0.6s 2.80nm
NUR 70.83 332 eP 15 24.40 10.5X
KIV 71.89 311 eP 15 21.30 0.6
e 15 32.20
LRM 74.01 45 eP 15 34.00 0.7
NB2 75.03 338 P 15 49.50 10.8X
1.0s 4.90nm
HVU 76.21 48 (P) 15 52.94 7.1X
TPNV 76.88 54 (P) 15 47.50 -2.2
e 16 04.57
DUG 77.13 49 (P) 15 52.01 1.0
0.8s 5.03nm 4.6mb
e 16 06.64
DAU 77.95 49 (P) 15 56.87 1.1
EMUT 78.58 49 (P) 15 58.39 -0.8
SRU 79.20 49 eP 16 02.87 0.4
e 16 17.29
PV10 80.56 49 (P) 16 09.44 -0.4
PV08 80.67 49 (P) 16 10.73 0.2
BRG 81.95 330 eP 16 27.80 11.3X
CLL 81.99 331 iPd 16 28.10 11.4X
1.3s 13.00nm
PRU 82.39 329 eP 16 30.50 11.7X
KHC 83.45 329 eP 16 22.00 -2.4
e 16 36.50
GEC2 83.62 329 P 16 25.80 0.5
0.7s 0.35nm 3.6mb X
GRF 83.97 331 ePd 16 39.30 12.4X
1.1s 9.20nm
LPAZ 146.29 62 (PKP) 23 37.52 -0.3
LPB 146.47 62 PKP 23 40.10 2.3
S.D. = 1.3 on 31 of 44 obs.

? JUN 28, 1994 23h 29m 22.76± 3.59s
44.076 N ±26.3km 6.153 E ±14.4km
DEPTH = 10.0km (geophysicist)
FRANCE (538)

CDR 0.49 215 eP 29 32.70 0.0
eSg 29 38.50
LRG 0.64 166 Pg 29 35.30 -0.3
Sg 29 45.40
LMR 0.79 161 Pg 29 38.30 0.3
Sg 29 49.80
SBF 0.95 102 Pg 29 40.90 0.0
Sg 29 52.80
S.D. = 0.4 on 4 of 4 obs.

? JUN 29, 1994 00h 47m 38.55± 6.40s
34.007 S ±26.2km 72.173 W ±41.8km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.5 (SAN).

LNV 0.64 86 iP+ 47 51.98 0.7
iS 48 00.89
LCCH 0.73 44 iP+ 47 53.07 0.2
iS 48 03.12
TACH 1.09 71 iP+ 47 58.42 -0.6
iS 48 13.52
CHCH 1.27 87 iP 48 01.80 -0.3
iS 48 19.23
CACH 1.31 95 iPd 48 03.10 0.2
iS 48 21.73
ROCH 1.42 44 iP+ 48 04.04 -0.5
iS 48 22.57
PCH 1.43 75 iP+ 48 03.98 -0.7
iS 48 23.33
PEL 1.51 56 iPd 48 06.26 0.5
iS 48 26.21
FCH 1.71 67 iP+ 48 08.58 -0.3
iS 48 31.90
JACH 1.87 45 iPd 48 11.49 0.5
iS 48 36.39
S.D. = 0.6 on 10 of 10 obs.

JUN 29, 1994 01h 51m 21.67± 0.68s
43.454 N ± 3.6km 5.432 E ± 5.5km
DEPTH = 5.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.5 (STR).

GELF 0.07 183 Pg 51 23.43 0.0
TREF 0.17 348 Pg 51 25.35 0.1
PUYF 0.21 68 Pg 51 25.73 -0.2
BERF 0.24 127 Pg 51 26.72 0.2
VILF 0.45 27 Pg 51 30.68 0.0
TAVF 0.48 70 Pg 51 31.38 0.0
GANF 0.64 32 Pg 51 34.66 0.1
CALN 1.10 74 Pg 51 43.50 0.6
MVIF 1.32 70 Pn 51 46.92 0.2
Sg 52 05.62
ISO 1.38 58 e(Pg) 51 47.40 -0.2
e(Sg) 52 06.13
TOUF 1.43 66 Pn 51 48.94 0.4
REVF 1.43 78 Pn 51 47.86 -0.6
Sg 52 08.46
AURF 1.44 72 Pn 51 48.29 -0.3
Sg 52 08.92
AUTN 1.54 69 Pn 51 49.89 -0.2
Pg 51 50.78
Sg 52 12.58
SAOF 1.63 70 Pn 51 50.87 -0.3
S.D. = 0.3 on 15 of 15 obs.

JUN 29, 1994 02h 01m 57.85± 0.85s
34.913 N ± 5.9km 139.959 E ± 6.3km
DEPTH = 48.5 ± 7.4 km
4.5mb (16 obs.)
NEAR S. COAST OF HONSHU, JAPAN (230)
Felt (IV JMA) at Ajiro and
Katsuura. Felt (IV) at Yokosuka
and (III) at Atsugi.

KAKJ 1.30 8 P 02 20.20 0.3
S 02 35.60
CHJJ 1.38 325 P 02 21.20 0.1
IIDJ 1.77 289 P 02 27.90 1.3
S 02 49.30
MAT 2.16 319 iPd 02 33.00 0.9
eS 02 55.00
MTMJ 2.42 314 P 02 36.90 1.1
NIIJ 2.45 342 P 02 35.90 -0.2
S 03 04.40
YAMJ 3.25 1 eP 02 47.00 -0.6
TSRJ 3.31 282 P 02 48.90 0.4
WKYJ 3.67 260 P 02 53.40 -0.2
OFUJ 4.38 18 P 03 02.50 -1.0
eS 03 51.90
TKSJ 4.97 261 P 03 12.00 0.1
eS 04 05.90
YONJ 5.34 275 P 03 17.30 0.3
SHNJ 7.35 266 P 03 45.90 0.7
MRRJ 7.55 6 eP 03 46.90 -1.1
eS 05 08.90
KUMJ 7.97 255 eP 03 54.70 0.9
KUSJ 8.97 23 eP 04 03.50 -4.0X
eS 05 38.20
ASAJ 9.42 12 eP 04 12.50 -1.3
YSS 12.27 9 (P) 04 46.40 -5.9X
Z 17s 0.70um
N 17s 0.50um
E 17s 0.50um
e 07 18.00
SSE 16.20 262 P+ 05 42.00 -1.6
Z 18s 0.50um
N 11s 0.40um
S 08 48.00
SS 09 15.00
BJI 19.54 292 eP 06 26.50 2.4
2.0s 64.00nm 4.6mb
Z 16s 0.47um 4.2MszX
N 11s 0.27um
eS 09 56.00
GUMO 21.69 167 eP 06 45.00 -1.4
1.1s 175.90nm 5.4mb
PJG 21.69 167 eP 06 45.20 -1.2
GUA 21.75 167 eP 06 46.20 -0.8
e 07 11.30
PET 22.43 30 eP 07 08.00 14.5X
Z 24s 0.80um 4.1MszX
CIT 25.44 320 eP 07 20.00 -2.6
YAK 27.89 350 iPd 07 43.20 -1.6
1.1s 130.00nm 5.5mb
eS 12 18.00
BOD 28.70 331 iPd 07 50.70 -1.4
LZH 29.32 283 eP 08 16.00 17.8X
2.0s 27.00nm
Z 18s 0.34um 4.0Msz
E 10s 0.26um
pP 08 22.00 21kmX
ILT 40.46 23 eP 09 32.50 -0.3
i 09 44.50
TTA 47.84 34 eP 10 35.70 3.3X
0.7s 1.90nm 4.2mb
SVW 47.90 36 eP 10 34.09 1.2
1.1s 34.77nm 5.3mb
IMA 49.11 30 (P) 10 42.62 0.4
1.8s 11.64nm 4.6mb
PMS 50.84 36 eP 10 55.50 0.1
0.5s 6.70nm 4.9mb
BRVK 51.21 313 iPd 10 56.00 -2.2
Z 18s 0.10um 3.9Msz
E 18s 0.12um
FBA 51.52 31 eP 11 00.59 0.1
0.7s 1.12nm 4.0mb
SVE 55.97 319 ePc 11 35.00 1.7
Z 15s 0.30um 4.5MszX
N 15s 0.30um
E 15s 0.20um
e 11 49.00
GBA 59.88 266 P 12 10.00 8.8X
YKA 66.23 29 eP 12 41.90 -0.6
0.6s 1.30nm 4.1mb
STKA 66.45 178 eP 12 43.50 -0.6
KAF 69.65 333 iP 13 02.30 -1.5
0.4s 1.80nm 4.4mb
NUR 71.26 332 iP 13 12.10 -1.5
0.3s 2.60nm 4.6mb
KIV 71.40 311 iPc 13 14.70 -0.2
1.3s 22.00nm 4.9mb
Z 18s 0.05um 3.8Msz
e 13 33.40
HFS 75.53 335 ePKP 13 38.70 0.2
0.3s 1.00nm 4.2mb
Z 18s 0.11um 4.2Msz
LR 44 53.00
NB2 75.68 337 P 13 38.20 -1.3
0.8s 7.00nm 4.6mb
LRM 76.49 43 eP 13 45.40 0.8
HVU 78.71 47 eP 13 58.25 1.5
TPNV 79.39 52 eP 14 01.50 0.9

DUG 79.64 48 eP 14 03.19 1.4
0.7s 2.59nm 4.3mb
DAU 80.45 47 eP 14 07.84 1.5
ARUT 80.70 50 (P) 14 08.54 1.0
EMUT 81.09 47 eP 14 10.90 1.3
OKC 81.16 326 e(P) 14 24.90 15.4X
SRU 81.70 48 eP 14 13.90 1.2
BRG 82.26 329 e(P) 14 29.60 14.4X
CLL 82.33 330 eP 14 15.00 -0.5
i 14 30.00
SRO 82.52 325 eP 14 36.10 19.6X
PRU 82.66 328 eP 14 18.00 0.7
e 14 38.50
PV08 83.18 47 eP 14 21.58 1.0
KHC 83.72 328 eP 14 18.50 -4.3X
e 14 41.00
e 17 40.00
GEC2 83.88 328 P 14 23.50 -0.2
0.7s 0.93nm 3.9mb
PcP 14 26.60
e 14 41.80
GRF 84.30 329 eP 14 27.20 1.5
Z 22s 0.10um 4.1MszX
e 14 40.80
VAY 84.84 318 eP 14 17.50 -10.9X
i 14 42.50
OHR 85.95 319 eP 14 33.00 -1.1
LPAZ 148.77 61 PKP 21 43.30 4.6X
LPB 148.95 61 PKP 21 45.60 6.8X
S.D. = 1.2 on 52 of 65 obs.

JUN 29, 1994 02h 29m 27.60± 1.11s
32.281 N ±11.8km 137.554 E ± 5.3km
DEPTH = 380.6 ± 9.2 km
4.5mb (28 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT 4.28 7 eP 30 43.00 1.2
iS 31 41.10
SSE 13.99 269 Pd 32 31.00 -1.3
1.0s 17.00nm 4.4mb
YSS 15.24 14 eP 32 45.00 -0.5
0.9s 20.00nm 4.5mb
eS 35 31.00
BJI 18.89 300 eP 33 23.00 0.4
1.5s 28.00nm 4.4mb
Z 12s 0.81um 4.0Msz
LZH 28.06 287 Pd 34 48.00 0.3
1.5s 40.00nm 4.5mb
pP 35 11.00 105kmX
CHTO 37.12 258 eP 36 05.00 0.1
1.0s 18.50nm 4.4mb
BDT 37.85 256 eP 36 10.00 -0.9
ILT 43.65 22 iPc 36 55.70 -1.6
0.9s 16.00nm 4.3mb
TTA 51.13 33 eP 37 52.38 -2.4
0.9s 3.01nm 3.6mb
SVW 51.21 35 eP 37 55.02 -0.3
1.0s 24.89nm 4.5mb
NDI 51.53 283 iP 37 57.90 -0.1
0.8s 67.16nm 5.0mb
BRVK 51.59 315 iPd 37 59.00 0.9
IMA 52.38 29 eP 38 03.90 -0.1
0.5s 2.60nm 3.8mb
KDC 52.82 39 iPc 38 05.60 -1.5
0.8s 12.85nm 4.3mb
CP2 52.85 35 ePc 38 07.40 -0.2
PMR 54.33 34 eP 38 16.50 -1.5
0.3s 5.30nm 4.4mb
FBA 54.81 30 eP 38 21.20 -0.1
0.3s 8.60nm 4.6mb
TOA 55.70 34 e(P) 38 27.30 -0.4
0.5s 6.50nm 4.3mb
GBA 57.69 266 Pd 38 41.20 -0.9
0.6s 17.00nm 4.7mb
POO 58.40 273 eP 38 46.50 -0.5
MAIO 62.94 297 eP 39 18.00 1.0
KAF 71.05 332 iP 40 06.70 0.1
0.4s 3.70nm 4.4mb
KIV 71.59 311 eP 40 11.50 1.2
0.9s 26.00nm 4.9mb
NUR 72.62 331 iP 40 16.00 0.3
0.3s 3.70nm 4.5mb
JCW 73.05 43 P 40 18.89 0.3
RMW 73.48 44 eP 40 21.84 0.7
FMW 73.83 45 P 40 23.24 0.0
SSOR 74.39 47 P 40 26.59 0.2
WTV 74.45 43 P 40 26.10 -0.5
EBG 74.49 44 P 40 27.05 0.2
SAW 74.76 43 P 40 28.00 -0.3
VBEM 74.82 46 P 40 28.86 0.0
WAH2 75.16 44 P 40 30.59 0.1
CROR 75.22 46 P 40 31.15 0.1
DPW 75.36 42 eP 40 31.86 0.2
VIPM 75.69 46 P 40 33.89 0.2
NEW 75.77 42 eP 40 34.00 0.1
0.7s 6.13nm 4.4mb
YBH 75.80 50 ePc 40 34.61 0.4
WDC 76.50 50 ePc 40 38.05 0.0
1.3s 10.00nm 4.4mb
LBFM 76.53 50 ePc 40 38.61 0.2
HFS 77.06 335 eP 40 40.40 -0.3
0.4s 1.30nm 4.0mb
MIN 77.23 50 iPc 40 41.43 -0.8
NB2 77.29 336 P 40 42.20 0.2
0.6s 0.80nm 3.7mb
ORV 77.72 51 iPc 40 43.90 -0.8
BKS 78.10 53 ePc 40 46.81 0.0
1.1s 60.00nm 5.3mb
MHC 78.79 53 ePc 40 50.39 -0.2
CMB 79.26 52 iPc 40 52.84 -0.2
MMPM 80.39 52 (P) 41 05.59 6.3X
HHAI 81.32 44 (P) 41 06.42 2.7X
TNP 81.32 50 (P) 41 03.88 -0.1
0.8s 9.30nm 4.6mb
HVU 81.98 45 eP 41 08.12 0.9
TPNV 82.60 51 ePc 41 10.05 -0.4
DUG 82.90 47 eP 41 12.61 0.7
0.9s 17.22nm 4.8mb
GSC 83.17 52 eP 41 12.99 -0.3
BW06 83.28 43 eP 41 13.64 -0.2
0.8s 7.38nm 4.5mb
CSP 83.36 54 eP 41 14.34 0.0
CLL 83.56 329 e(P) 41 15.00 0.3
DAU 83.72 46 eP 41 17.17 1.0
ARUT 83.93 49 eP 41 18.29 1.2
PLM 84.24 54 eP 41 18.29 -0.5
MSU 84.30 48 eP 41 19.88 0.8
EMUT 84.35 46 eP 41 20.11 0.8
SRU 84.96 46 eP 41 22.66 0.4
RSSD 85.50 39 ePd 41 24.88 0.0
0.6s 5.87nm 4.6mb
GLA 85.80 53 ePc 41 26.51 0.2
PV09 86.19 46 eP 41 29.17 0.8
PV10 86.32 46 eP 41 30.25 1.3
PV08 86.44 46 eP 41 30.39 0.8
ALQ 90.11 48 eP 41 47.49 0.7
1.0s 4.48nm 4.3mb
LTX 95.57 50 eP 42 10.47 -1.3
LPAZ 151.79 62 PKP 48 39.70 6.3X
e 50 15.20
LPB 151.97 62 PKP 48 40.20 6.9X
S.D. = 0.7 on 68 of 72 obs.

? JUN 29, 1994 03h 19m 37.65± 4.92s
34.515 S ±35.2km 72.314 W ±30.3km
DEPTH = 29.8 ± 8.8 km
NEAR COAST OF CENTRAL CHILE (135)
MD 4.1 (SAN).

LNV 0.93 54 iP+ 19 54.46 -0.2
LCCH 1.21 31 iP+ 19 58.51 0.0
TACH 1.43 53 iP+ 20 01.49 -0.3
iS 20 19.37
CACH 1.47 75 iP 20 02.79 0.3
iS 20 22.07
CHCH 1.49 68 iP+ 20 02.75 0.0
iS 20 21.93
SAN 1.73 53 iP 20 06.39 0.2
iS 20 27.91
PCH 1.74 60 iP+ 20 06.09 -0.3
iS 20 28.53
ROCH 1.88 36 iPd 20 08.58 0.0
iS 20 33.20
PEL 1.93 45 iP 20 09.83 0.8
iS 20 33.36
FCH 2.06 55 iP+ 20 10.80 -0.4
iS 20 36.95
JACH 2.32 39 iP 20 14.66 -0.1
iS 20 43.90
MDZ 3.31 62 eP 20 37.40 8.6X
LPB 18.30 13 P 23 55.00 3.5X
LPAZ 18.54 13 P 23 54.50 -0.1
S.D. = 0.4 on 12 of 14 obs.

? JUN 29, 1994 03h 34m 20.73± 6.77s
34.115 S ±34.1km 70.590 W ±19.9km
DEPTH = 91.1 ± 49.3 km
CHILE-ARGENTINA BORDER REGION (127)

CACH 0.01 255 iPd 34 33.83 -0.1
iS 34 44.99
CHCH 0.19 344 iP 34 34.16 0.0
iS 34 45.59
PCH 0.50 7 iPd 34 36.10 0.2
iS 34 48.74
TACH 0.54 328 iP 34 36.37 0.2
iS 34 49.86
LNV 0.70 283 iP 34 37.61 0.1
iS 34 51.36
FCH 0.82 18 iP 34 39.19 0.0
iS 34 54.76
PEL 0.97 355 (P) 34 40.00 -0.5
iS 34 57.32
LCCH 1.04 308 iP+ 34 41.08 -0.1
iS 34 58.53
JACH 1.43 360 iP 34 46.46 0.3
S.D. = 0.3 on 9 of 9 obs.

? JUN 29, 1994 04h 08m 08.64± 8.99s
11.603 N ±10.4km 63.223 W ±84.0km
DEPTH = 33.0km (normal)
CARIBBEAN SEA (94)
MD 3.5 (TRN).

GRW 1.63 70 eP 08 35.81 0.4
eS 08 48.75
TCE 1.70 122 eP 08 35.91 -0.5
eS 08 49.42
TRN 2.02 118 eP 08 38.51 -2.6X
eS 08 55.58
TPP 2.16 126 eP 08 43.83 0.8
eS 09 04.60
TBH 2.39 118 eP 08 45.86 -0.5
eS 09 07.78
SVB 2.54 49 eP 08 48.46 0.0
eS 09 17.47
SVV 2.60 49 eP 08 49.08 -0.2
eS 09 18.25
S.D. = 0.7 on 6 of 7 obs.

JUN 29, 1994 06h 10m 39.03± 0.79s
40.257 N ± 2.5km 127.553 W ± 7.5km
DEPTH = 10.0km (geophysicist)
3.8mb (4 obs.)
OFF COAST OF NORTHERN CALIFORNIA(34)
ML 4.1 (GS), 4.2 (BRK).

KSMM 2.59 90 P 11 20.40 -1.3
KMPM 2.63 85 eP 11 20.94 -1.4
ARC 2.72 76 ePc 11 22.61 -0.9
iS 11 51.06
KGMM 3.00 79 P 11 27.97 0.3
KRMM 3.04 64 P 11 27.61 -0.6
GNAM 3.20 108 P 11 29.71 -0.7
GCBM 3.22 104 P 11 30.54 -0.2
KHBM 3.33 82 P 11 32.36 -0.1
KBNM 3.36 95 P 11 34.22 1.4
KTRM 3.56 61 P 11 34.54 -1.1
GHMM 3.65 101 P 11 37.58 0.7
GAS 3.77 98 P 11 38.43 -0.1
LBKM 3.81 76 P 11 38.20 -0.9
GHGM 3.82 106 P 11 40.38 1.2
SKG 3.84 112 P 11 39.68 0.2
WDC 3.84 84 eP 11 38.74 -0.7
GTSM 3.93 102 P 11 41.27 0.5
YBH 3.95 67 ePc 11 40.55 -0.5
eS 12 24.80
GCRM 4.02 110 P 11 43.93 1.9
LGBM 4.21 73 P 11 46.08 1.1
NTYM 4.23 115 eP 11 44.71 -0.2
LMPM 4.27 72 P 11 46.95 1.2
GARM 4.30 106 P 11 48.70 2.8
LOC 4.31 118 P 11 45.88 -0.2
DBO 4.31 47 P 11 45.08 -1.1
LDBM 4.41 86 P 11 47.34 -0.3
LBFM 4.43 74 eP 11 47.01 -1.1
BBOR 4.50 53 P 11 48.18 -0.8
VRC 4.52 61 P 11 49.02 -0.1
MIN 4.55 87 ePc 11 48.81 -0.8
eS 12 38.25

29d 06h

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LMEM   4.58  85 eP    11 49.65  -0.4
LAB    4.60  62 P     11 50.18  -0.2
LCFM   4.61  85 P     11 49.25  -1.4
LCMM   4.62  89 P     11 51.54   0.8
RNO    4.62  37 P     11 50.21  -0.4
HSO    4.66  44 P     11 50.01  -1.2
ORV    4.71  97 ePc   11 50.92  -0.9
                iS    12 43.66
OBHM   4.72  95 P     11 52.10   0.1
JSBM   4.77 121 P     11 52.65   0.0
BKS    4.77 118 ePc   11 52.26  -0.4
                eS    12 44.35
JEGM   4.82 123 eP    11 52.59  -0.8
JCPM   4.87 121 P     11 54.15   0.1
LKC    4.96 119 P     11 55.52   0.2
AFRM   5.02 105 P     11 57.34   1.3
MPOR   5.18  34 P     11 57.78  -0.7
HBO    5.29  46 P     11 59.76  -0.4
AASM   5.32 108 P     12 02.58   2.2
SOS    5.37 123 P     12 00.91  -0.3
MHR    5.37 121 P     12 01.22   0.0
JSTM   5.43 122 P     12 01.67  -0.4
MHC    5.46 120 ePc   12 02.05  -0.5
                eS    12 58.89
COE    5.49 121 eP    12 02.01  -0.8
JTGM   5.49 124 P     12 02.81   0.0
EUC    5.52 124 P     12 03.63   0.4
ARN    5.53 120 eP    12 02.76  -0.6
CBO    5.56 123 P     12 03.42  -0.4
JRRM   5.57 123 P     12 03.98   0.0
HSPM   5.67 122 P     12 05.01  -0.4
HCOM   5.68 124 P     12 05.25  -0.3
GHS    5.73 122 P     12 05.86  -0.4
DIL    5.75 125 P     12 06.05  -0.5
HJGM   5.82 124 P     12 07.34  -0.1
PCL    5.85 121 P     12 08.02   0.1
FRP    5.90 124 P     12 08.69   0.0
SAO    5.92 124 eP    12 08.65  -0.3
                eS    13 11.69
SSOR   5.94  38 P     12 09.20   0.0
HJSM   5.99 123 P     12 09.85   0.1
CMB    6.00 109 ePc   12 11.10   1.1
                eS    13 18.78
BCWM   6.14 128 P     12 11.94  -0.2
KMOR   6.15  28 P     12 12.19   0.1
BAPM   6.18 129 P     12 12.30  -0.4
BRMM   6.28 121 P     12 14.30   0.3
PGO    6.41  34 P     12 16.04   0.2
VBEM   6.51  41 P     12 16.87  -0.5
PJLM   6.53 128 P     12 17.35  -0.2
VLMM   6.65  36 P     12 19.66   0.4
VIPM   6.66  48 P     12 18.50  -1.0
VFP    6.75  40 P     12 21.03   0.3
CROR   6.76  44 P     12 19.80  -1.0
RVW    6.86  29 P     12 22.69   0.7
PANM   6.89 128 P     12 22.44  -0.1
MTMW   6.96  32 P     12 23.39  -0.2
BMW    6.97  25 eP    12 23.16  -0.5
SHW    7.09  31 eP    12 25.59   0.2
CDFW   7.10  33 P     12 25.30  -0.2
REMW   7.11  32 P     12 26.17   0.3
ESD    7.13  32 P     12 27.00   1.0
STD    7.13  31 P     12 26.28   0.3
ERK    7.14  30 P     12 25.98  -0.1
GULW   7.15  36 P     12 26.39   0.2
MMPM   7.15 109 eP    12 27.38   0.8
PHAM   7.16 126 eP    12 24.34  -2.1
MEMM   7.19 108 eP    12 28.78   2.0
TDL    7.23  31 P     12 27.69   0.4
VGB    7.24  41 eP    12 27.01  -0.4
ASR    7.32  34 P     12 28.24  -0.4
KVN    7.39  96 eP    12 29.19  -0.6
CPW    7.44  24 P     12 30.37   0.2
LMW    7.46  29 P     12 31.59   1.0
BONR   7.55 105 (P)   12 31.23  -0.9
JBO    7.69  45 P     12 33.03  -0.7
LON    7.71  31 eP    12 33.49  -0.6
REMR   7.76  30 P     12 34.86   0.0
WPW    7.78  32 P     12 34.94  -0.1
BCH    7.79 128 eP    12 34.02  -1.2
FMW    7.92  31 P     12 37.38   0.3
GMW    8.06  24 eP    12 38.33  -0.5
GSM    8.10  29 P     12 40.37   0.9
RMW    8.31  28 eP    12 42.83   0.4
TNP    8.32 102 (P)   12 43.27   0.5
ISA    8.51 120 eP    12 45.36   0.1
TBM    8.55  34 P     12 46.87   1.1
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HTW    8.62  27 P     12 46.69   0.0
WIW    8.62  42 P     12 46.54  -0.1
LOCW   8.75  40 P     12 48.57   0.2
JCW    8.90  25 P     12 51.16   0.6
RPW    9.26  26 P     12 55.94   0.4
TPNV   9.44 107 (P)   12 58.91   0.6
GSC    9.84 117 eP    13 03.20  -0.4
CSP   10.06 123 eP    13 05.94  -0.8
ARUT  11.25  98 eP    13 25.36   2.3
DUG   11.27  86 eP    13 23.41   0.1
MSU   12.03  93 eP    13 34.62   0.9
LRM   12.36  58 eP    13 40.10   1.9
SRU   13.17  90 eP    13 48.58  -0.3
PV10  14.46  92 (P)   14 06.31   0.4
GLD   17.12  84 (P)   14 42.04   2.0
       0.9s    12.45nm        4.0mb
ALQ   17.53 101 (P)   14 45.42   0.2
       0.8s     2.75nm        3.4mb
RSSD  17.83  70 eP    14 47.37  -1.6
       1.6s    14.88nm        3.9mb
LTX   22.37 112 (P)   15 39.51   0.7
YKA   23.60  15 eP    15 59.80   9.4X
       0.8s     1.80nm        3.7mb
     S.D. = 0.8  on 130 of 131 obs.
-------------------------------------
? JUN 29, 1994  06h 12m 56.25± 1.01s
  33.411 N ±10.9km  131.329 E ±11.9km
  DEPTH =  33.0km  (normal)
 KYUSHU, JAPAN                  (235)

SHNJ   0.74 346 P     13 10.00  -0.1
KUMJ   0.97 206 P     13 13.60   0.1
                eS    13 29.40
TKSJ   2.34  75 P     13 36.30   3.1X
YONJ   2.50  44 eP    13 46.30  10.8X
WKYJ   3.64  76 P     13 51.10  -0.6
TSRJ   4.39  60 eP    14 03.00   0.7
     S.D. = 0.9  on   4 of   6 obs.
-------------------------------------
? JUN 29, 1994  06h 39m 25.33± 1.03s
  26.288 S ± 8.0km   27.532 E ±10.1km
  DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA       (584)

PRY    0.64 185 eP    39 39.00   0.8
                S     39 44.90
KSR    0.71 306 eP    39 40.00   0.4
                S     39 50.00
SLR    0.87  51 eP    39 42.50  -0.1
                S     39 55.00
BOSA   2.98 219 eP    40 13.00  -1.2
                S     40 51.90
     S.D. = 1.5  on   4 of   4 obs.
-------------------------------------
& JUN 29, 1994  06h 56m 13.04± 3.12s
  33.813 S ±13.0km   71.242 W ±12.8km
  DEPTH =  60.5 ± 34.2 km
 NEAR COAST OF CENTRAL CHILE    (135)

LNV    0.20 225 iP    56 22.63   0.0
                iS    56 30.29
TACH   0.30  58 iP    56 23.39   0.1
                iS    56 31.39
LCCH   0.43 321 iP+   56 24.39  -0.1
                iS    56 33.46
CHCH   0.51 104 iPd   56 25.04  -0.2
                iS    56 34.35
CACH   0.61 120 iP    56 26.64   0.1
                iS    56 37.70
PCH    0.64  73 iP    56 26.75   0.0
                iS    56 37.31
FCH    0.93  59 iP    56 30.69   0.0
                iS    56 44.59
     S.D. = 0.1  on   7 of   7 obs.
-------------------------------------
? JUN 29, 1994  07h 12m 46.69± 1.15s
  39.074 N ± 8.4km   27.651 E ±13.7km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                         (366)
     ML 2.8 (ISK).

IZM    0.74 204 ePg   13 01.20   0.0
                eSg   13 13.40
EZN    1.27 307 iPn   13 10.40   0.1
EDC    1.28   7 ePn   13 10.00  -0.4
KCT    1.29  25 iPn   13 11.00   0.3
     S.D. = 0.6  on   4 of   4 obs.
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& JUN 29, 1994  07h 29m 50.16± 0.80s
  39.158 N ± 7.2km   29.585 E ± 9.5km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                         (366)
     ML 2.8 (ISK).

ALT    0.42 104 ePg   29 58.60  -0.2
                eSg   30 07.60
KHL    0.83 183 iPg   30 06.50   0.1
                eSg   30 18.00
YLV    1.42 353 ePn   30 15.90  -0.1
KCT    1.44 319 iPn   30 16.00  -0.4
HRT    1.66   2 ePn   30 20.00   0.5
     S.D. = 0.5  on   5 of   5 obs.
-------------------------------------
? JUN 29, 1994  07h 34m 27.43± 1.17s
  39.249 N ± 8.5km   27.780 E ±13.2km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                         (366)
     ML 2.8 (ISK).

IZM    0.94 206 ePg   34 45.40   0.0
                eSg   34 58.90
KCT    1.09  24 iPn   34 48.00   0.0
EDC    1.10   3 ePn   34 48.00   0.0
EZN    1.26 298 ePn   34 50.90   0.0
     S.D. = 0.1  on   4 of   4 obs.
-------------------------------------
& JUN 29, 1994  07h 34m 35.21s
  34.273 N           116.411 W
  DEPTH =   1.0km
 SOUTHERN CALIFORNIA            ( 43)
     &lt;PAS-P&gt;. ML 3.6 (PAS), 3.4 (GS).

EWC    0.34 176 P     34 41.79  -0.1
MLL    0.47 248 P     34 44.36  -0.3
MDA    0.61 234 P     34 47.02  -0.3
PEC    0.73 239 iPc   34 49.03  -0.7
CTW    0.74 143 P     34 49.70  -0.3
CSP    0.78 272 iPc   34 49.88  -1.0
                eS    35 00.69
FLSC   0.86 324 P     34 51.54  -1.0
SS2    0.90 266 P     34 52.38  -0.9
PLM    0.99 202 ePc   34 53.86  -1.1
                eS    35 07.43
BLKC   1.05 321 P     34 55.04  -0.9
SSK    1.06 267 ePc   34 55.08  -1.1
                eS    35 09.95
GSC    1.08 343 iPd   34 55.29  -1.1
VPD    1.21 248 P     34 57.65  -0.9
JULC   1.23 188 P     34 58.04  -1.0
CBKC   1.38 174 P     34 59.70  -1.7
GVRC   1.43 262 P     35 02.15  -0.2
CJV    1.46 281 P     35 01.48  -1.3
SNDC   1.78 300 P     35 05.49  -2.0
GLA    1.80 132 eP    35 05.20  -2.4
TWL    1.81 271 P     35 09.31   1.6
SADC   1.88 265 P     35 09.03   0.2
RCWM   1.96 329 P     35 10.94   1.0
THC    1.96 289 P     35 11.64   1.5
WWPM   2.01 317 P     35 08.46  -2.2
TEJ    2.10 298 P     35 14.18   2.1
ISA    2.19 310 ePn   35 10.89  -2.4
                iPg   35 15.74
                eS    35 44.87
ABL    2.39 285 ePn   35 14.09  -2.3
TPNV   2.67   3 ePn   35 18.66  -1.7
BCH    3.16 288 ePn   35 25.04  -2.1
PHAM   3.62 297 ePn   35 31.31  -2.4
TNP    3.86 350 ePn   35 35.46  -1.8
BONR   3.98 338 ePn   35 38.82  -0.2
                ePg   35 49.93
ARUT   4.25  34 ePn   35 40.87  -1.9
ARN    5.17 308 (P)   35 52.98  -2.7
MSU    5.44  38 ePn   35 57.83  -1.8
NTYM   6.51 311 (P)   36 11.13  -3.3
DUG    6.57  25 (P)   36 14.62  -0.9
SRU    6.76  43 (Pn)  36 18.22   0.0
PV10   7.22  53 ePn   36 22.14  -2.6
                eS    38 23.12
PV09   7.23  52 ePn   36 23.13  -1.7
                eS    38 23.90
      40 obs. associated
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& JUN 29, 1994  07h 46m 22.63s
  32.432 N           115.259 W
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DEPTH = 8.8km
CALIF.-BAJA CALIF. BORDER REGION(45)
<ECX-P>. MD 3.6 (ECX). ML 2.9
(PAS).

GLA 0.72 30 iPd 46 34.72 -2.2
PLM 1.63 305 eP 46 48.44 -3.4
PEC 2.16 313 eP 47 00.17 0.8
CSP 2.56 317 (P) 47 07.23 2.1
SSK 2.70 312 (P) 47 08.31 1.1
GSC 3.14 336 (Pn) 47 16.13 2.9
TUC 3.79 91 (Pn) 47 20.43 -2.1
TPNV 4.58 350 (Pn) 47 36.75 2.9
MSU 6.57 22 (Pn) 48 02.40 0.4
9 obs. associated

? JUN 29, 1994 07h 51m 30.06± 1.11s
39.157 N ± 8.3km 27.658 E ±13.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

IZM 0.82 202 ePg 51 45.90 -0.1
eSg 51 58.90
EDC 1.20 8 ePn 51 52.00 -0.4
KCT 1.22 26 iPn 51 53.00 0.3
EZN 1.23 303 ePn 51 53.00 0.1
S.D. = 0.5 on 4 of 4 obs.

* JUN 29, 1994 07h 52m 44.45± 0.58s
28.475 S ± 6.4km 69.095 W ±17.9km
DEPTH = 142.1 ± 19.0 km
CHILE-ARGENTINA BORDER REGION (127)
MD 4.5 (SAN).

ZON 3.08 173 iPd 53 32.70 -0.5
eS 54 10.70
JACH 4.39 197 iP+ 53 51.84 1.3
MDZ 4.40 177 iP 53 51.10 0.5
iS 54 19.20
ROCH 4.78 200 iP+ 53 55.60 -0.2
PEL 4.85 196 iP+ 53 57.09 0.4
FCH 4.94 192 iP+ 53 59.45 1.3
SAN 5.14 195 iPd 54 00.96 0.4
iS 55 00.92
PCH 5.27 193 iP+ 54 02.67 0.3
iS 55 03.43
TACH 5.40 197 iP 54 03.32 -0.7
iS 55 05.00
LCCH 5.42 202 iP 54 03.12 -1.1
iS 55 04.79
CHCH 5.60 193 iP+ 54 06.14 -0.6
iS 55 10.52
CACH 5.77 193 iP 54 09.06 0.0
iS 55 14.17
LNV 5.81 199 iP 54 08.08 -1.4
iS 55 13.12
MOCB 7.85 24 P 54 36.70 -0.8
LPB 11.92 5 P 55 32.70 1.3
LPAZ 12.16 4 P 55 34.20 -0.5
BAO 23.31 61 eP 57 40.60 -0.2
ITR 34.89 62 eP 59 24.40 0.2
S.D. = 0.9 on 18 of 18 obs.

? JUN 29, 1994 07h 56m 07.71± 1.04s
39.102 N ± 7.8km 27.553 E ±12.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

IZM 0.74 198 ePg 56 22.20 0.0
eSg 56 34.10
EZN 1.19 308 ePn 56 30.00 0.1
EDC 1.27 11 ePn 56 31.00 -0.2
KCT 1.30 28 ePn 56 32.00 0.2
S.D. = 0.3 on 4 of 4 obs.

* JUN 29, 1994 08h 03m 13.83± 2.53s
47.469 N ±13.9km 13.846 E ±24.7km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 2.5 (VIE).

KBA 0.52 221 iPgd 03 24.40 0.0
iSg 03 32.00
GEC2 1.38 356 P 03 39.20 0.0
0.3s 9.16nm

e 03 57.40
WTTA 1.52 263 iPgd 03 41.20 0.0
iSg 04 00.50
WATA 1.55 266 iPgc 03 41.80 0.2
iSg 04 01.50
SQTA 1.81 263 iPgc 03 45.20 -0.2
iSg 04 08.00
MOTA 1.87 267 i(Pg) 03 47.80 1.5X
iSg 04 10.60
S.D. = 0.2 on 5 of 6 obs.

* JUN 29, 1994 08h 09m 56.13± 3.65s
40.269 N ± 9.0km 127.410 W ±33.3km
DEPTH = 10.0km (geophysicist)
OFF COAST OF NORTHERN CALIFORNIA(34)

KMPM 2.52 86 eP 10 37.29 -0.5
eS 11 05.34
DBO 4.22 46 P 11 01.63 -0.4
LBFM 4.33 74 eP 11 03.27 -0.4
BBOR 4.41 52 P 11 05.22 0.5
VRC 4.42 60 P 11 06.05 1.3X
LAB 4.50 62 P 11 07.06 1.0
HSO 4.58 43 P 11 06.68 -0.4
JEGM 4.74 124 eP 11 09.42 0.1
MPOR 5.11 33 P 11 14.47 -0.1
HBO 5.21 45 P 11 16.35 0.3
ARN 5.44 121 eP 11 19.32 0.1
CMB 5.90 110 eP 11 27.80 2.1X
BONR 7.45 105 (P) 11 50.77 3.0X
S.D. = 0.6 on 10 of 13 obs.

? JUN 29, 1994 08h 26m 06.69± 5.73s
41.837 N ±45.2km 29.140 E ±14.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

HRT 1.09 158 ePn 26 27.50 0.3
YLV 1.28 172 ePn 26 30.40 -0.1
EYL 1.48 148 ePn 26 33.40 -0.1
KCT 1.69 201 iPn 26 36.00 -0.5
EDC 1.77 213 ePn 26 38.00 0.4
S.D. = 0.5 on 5 of 5 obs.

JUN 29, 1994 09h 29m 04.23± 0.39s
37.274 N ± 5.4km 115.106 W ± 4.3km
DEPTH = 5.0km (geophysicist)
SOUTHERN NEVADA (41)
ML 3.3 (GS).

TPNV 0.97 251 ePd 29 23.61 0.4
ARUT 1.42 68 ePc 29 30.21 -0.7
TNP 1.86 296 ePc 29 37.01 -0.2
eS 30 05.44
GSC 2.40 215 ePg 29 49.35 4.4X
GRP 2.50 189 P 29 51.70 5.4X
BONR 2.63 286 ePn 29 48.31 0.0
iPg 29 52.88
MSU 2.63 61 ePn 29 48.14 -0.1
BNPN 2.64 287 P 29 52.93 4.5X
BLKC 2.77 219 P 29 56.52 6.3X
SHH 3.11 188 P 30 02.96 8.0X
TPC 3.25 194 P 30 06.21 9.2X
DUG 3.42 31 ePn 30 00.01 0.5
CO2 3.43 183 P 30 08.76 9.4X
CSP 3.49 212 (P) 30 00.29 -0.1
PEC 3.77 207 ePn 30 03.83 -0.5
SRU 4.05 62 ePn 30 08.21 -0.2
eS 31 11.01
PLM 4.17 201 ePn 30 09.81 -0.2
GLA 4.22 177 (P) 30 11.36 0.7
PV09 4.88 74 ePn 30 21.50 1.1
PV10 4.93 75 ePn 30 20.31 -0.7
S.D. = 0.6 on 13 of 20 obs.

% JUN 29, 1994 09h 29m 41.57± 0.60s
42.849 N ± 5.3km 19.224 E ± 4.8km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.4 (TTG).

NKY 0.17 258 iPgd 29 45.65 0.2
iSg 29 48.71
TTG 0.42 176 iPgd 29 50.05 -0.1
iSg 29 56.47
IVA 0.50 87 iPgd 29 51.69 0.0

iSg 29 59.31
PLE 0.50 15 iPgd 29 51.67 0.0
iSg 29 59.07
BRY 0.50 276 iPgd 29 51.59 -0.2
iSg 29 59.37
BDV 0.64 207 iPgd 29 54.31 0.0
iSg 30 03.35
HCY 0.67 233 iPgd 29 55.01 0.1
iSg 30 04.77
S.D. = 0.2 on 7 of 7 obs.

% JUN 29, 1994 09h 49m 45.11± 0.85s
41.000 N ± 6.8km 23.480 E ± 7.2km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)
ML 2.0 (THE).

SRS 0.14 36 iPg 49 48.32 -0.2
eSg 49 50.40
SOH 0.20 208 iPg 49 49.42 -0.2
iSg 49 52.37
KNT 0.47 290 ePg 49 54.86 0.2
eSg 50 01.60
THE 0.54 227 ePg 49 55.82 -0.1
iSg 50 03.06
OUR 0.77 150 ePg 50 00.32 0.3
eSg 50 11.20
S.D. = 0.3 on 5 of 5 obs.

* JUN 29, 1994 10h 57m 39.76± 0.69s
52.234 N ±12.5km 168.768 W ± 8.2km
DEPTH = 33.0km (normal)
4.4mb (12 obs.) 3.4Msz (1 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK 4.90 269 iPc 58 54.32 1.4
SDN 5.81 54 eP 59 04.28 -1.5
SVW 11.44 34 (P) 00 25.58 1.8
TTA 12.69 27 eP 00 42.77 2.3
0.8s 3.01nm 4.4mb
PMS 13.82 42 eP 00 52.80 -2.6X
0.5s 4.90nm 4.6mb
TOA 15.65 42 eP 01 15.50 -3.8X
0.5s 10.20nm 4.3mb
FBA 16.64 32 eP 01 31.63 -0.1
0.9s 0.91nm 2.9mb X
BALM 16.89 48 (P) 01 35.19 0.2
YKA 30.05 49 eP 03 51.10 3.5X
0.8s 1.00nm 3.7mb
Z 18s 0.07um 3.4Msz
LR 18 40.00
NEW 32.69 76 (P) 04 10.83 0.0
TPNV 39.49 91 (P) 05 10.14 1.3
DUG 39.59 85 (P) 05 10.77 1.2
1.4s 6.11nm 4.2mb
MAT 40.06 268 eP 05 14.00 0.6
BW06 40.06 79 eP 05 13.56 0.0
0.7s 3.39nm 4.2mb
DAU 40.41 83 eP 05 17.57 1.0
PV09 42.88 84 eP 05 36.86 0.0
PV10 43.02 84 eP 05 38.72 0.9
PV08 43.13 84 eP 05 39.56 0.7
WMOK 51.64 81 eP 06 44.20 -1.0
0.6s 3.18nm 4.5mb
LTX 52.38 89 eP 06 48.65 -2.3
MIAR 54.91 77 eP 07 08.33 -1.0
1.1s 7.96nm 4.7mb
KAF 65.37 352 iP 08 19.20 -1.3
0.5s 3.20nm 4.7mb
NB2 67.08 0 P 08 29.90 -1.5
0.5s 0.80nm 4.1mb
NUR 67.09 353 iP 08 30.30 -1.1
0.4s 3.60nm 4.8mb
HFS 67.97 359 eP 08 35.20 -1.7
0.4s 3.00nm 4.8mb
S.D. = 1.3 on 22 of 25 obs.

JUN 29, 1994 11h 08m 39.83± 0.73s
41.487 N ± 7.4km 21.959 E ± 6.1km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.3 (THE), 1.9 (SKO).

VAY 0.49 110 iPg 08 50.60 1.0
0.2s 100.00nm
iSg 08 55.60
SKO 0.62 321 ePn 08 52.00 -0.3

29d 11h

```
GRG      0.63 148 iPg    08 52.05   -0.3
                  eSg    08 57.54
KNT      0.78 114 iPg    08 55.17   -0.3
                  eSg    09 03.86
FNA      0.83 212 iPg    08 57.01    0.6
                  eSg    09 07.62
OHR      0.95 247 ePn    09 07.00    8.5X
THE      1.14 138 iPg    09 00.54   -1.1
SOH      1.25 122 ePg    09 03.08   -0.4
                  eSg    09 18.54
SRS      1.28 106 ePg    09 04.34    0.2
                  iSg    09 19.90
OUR      1.92 126 ePb    09 13.96    0.5
    S.D. = 0.7  on    9 of  10 obs.
-----------------------------------------
  JUN  29, 1994  12h 00m 58.20± 0.36s
 11.464 N ± 7.4km   86.208 W ± 6.9km
  DEPTH =  48.6km  (  8 depth phases)
  4.8mb ( 26 obs.)  5.2Msz ( 35 obs.)
 NEAR COAST OF NICARAGUA           ( 74)
     Mw 5.6 (HRV). Ms 5.2 (BRK).
     Mo=2.9*10**17 Nm (PPT).
     CENTROID, MOMENT TENSOR     (HRV)
     Data Used: GDSN
     L.P.B.: 54S,107C
     Centroid Location:
     Origin Time        12:01: 1.6 0.2
     Lat 11.01N 0.02 Lon  86.45W 0.02
     Dep  37.4 1.6 Half-duration  1.6
     Moment Tensor;   Scale 10**17 Nm
       Mrr= 2.40 0.05  Mtt=-2.31 0.07
       Mff=-0.09 0.10  Mrt= 1.65 0.14
       Mrf=-0.84 0.11  Mtf= 1.08 0.06
      Principal Axes:
       T  Val=  3.00   Plg=72   Azm= 32
       N        0.34      3       294
       P       -3.34     18       203
     Best Double Couple:Mo=3.2*10**17
      NP1:Strike=288 Dip=27 Slip=  84
      NP2:       115     63        93

BRU      4.46 126 iPc    02 07.09    1.7
                  eS     03 03.21
DVD      4.77 129 iPd    02 10.21    0.8
                  eS     03 08.33
ECO      6.74 107 iPc    02 37.77    0.6
                  eS     03 54.89
TPX      6.82 301 (P)    02 41.50    3.3X
UPA      7.02 110 ePc    02 41.49    0.5
                  eS     04 00.77
SCX      8.14 311 (P)    03 15.00   18.4X
OXX     11.62 300 (P)    03 45.00    0.6
PSO     13.49 139 eP     04 14.00    4.6X
BMG     13.67 107 iPd    04 14.00    2.4X
BOG     13.81 119 iPc    04 16.00    2.5
                  iS     07 16.00
PPM     14.16 304 (P)    04 19.50    1.2
ACX     14.28 294 (P)    04 23.00    3.6X
III     14.53 300 (P)    04 24.00    1.1
UNM     14.75 304 (P)    04 29.00    3.2X
CRX     15.19 303 (P)    04 39.00    7.4X
MRX     16.59 301 (P)    04 51.00    2.0
GOGA    21.99   6 eP     05 52.47    2.7X
     1.0s     59.66nm          5.0mb
MYNC    23.58   4 P      06 20.00   14.6X
   Z  22s     6.90um          5.1Msz
MIAR    23.94 345 eP     06 09.91    1.1
     0.8s     70.91nm          5.2mb
   Z  22s     8.41um          5.2Msz
GRT     24.86 354 eP     06 19.01    1.3
NNA     25.09 158 eP     06 18.50   -1.6
     1.0s     15.00nm          4.5mb
MEO     25.80 336 iPc    06 26.00   -0.6
TUL     25.84 342 iPd    06 26.20   -0.7
WMOK    25.84 336 eP     06 25.93   -1.0
     1.0s    251.54nm          5.7mb
   Z  22s     3.05um          4.8Msz
OCO     26.04 339 iPc    06 28.50   -0.3
FVM     26.68 353 eP     06 34.40   -0.2
   Z  20s    12.31um          5.5Msz
SLM     27.30 353 P      06 50.00    9.8X
   Z  21s     2.97um          4.8Msz
CVL     27.30  13 eP     06 41.60    1.4
ACO     27.70 337 iPd    06 42.70   -1.2
MCWV    28.64  10 (P)    06 48.24   -4.1X
     0.7s     24.34nm          4.9mb
   Z  19s     8.16um          5.4Msz
```

```
ALQ     29.75 325 eP     07 02.65    0.0
        0.9s     17.54nm         4.8mb
     Z  19s      2.61um          4.9Msz
TUC     30.69 316 eP     07 11.75    1.0
        1.1s     13.72nm         4.6mb
     Z  19s      6.16um          5.3Msz
JFWS    31.53 354 eP     07 17.22   -0.7
        1.0s     37.64nm         5.1mb
     Z  19s      2.22um          4.9Msz
YSNY    31.61  11 eP     07 18.76    0.1
        0.7s     22.76nm         5.1mb
     Z  20s      6.82um          5.3Msz
BINY    31.89  14 eP     07 20.84   -0.3
        0.7s     51.14nm         5.5mb
     Z  19s      8.87um          5.5Msz
ELF     31.90   7 P      07 20.40   -0.7
LSCT    32.18  18 P      07 30.00    6.4X
     Z  19s     13.30um          5.6Msz
GLD     32.83 332 eP     07 29.19   -0.3
        1.3s     20.77nm         4.8mb
     Z  22s      4.56um          5.1Msz
LPAZ    32.87 147 P      07 29.20   -1.3
LPB     33.08 147 P      07 32.80    0.6
HRV     33.46  20 P      07 40.00    5.3X
     Z  20s      9.41um          5.5Msz
PV08    33.61 327 eP     07 36.62    0.1
PV10    33.67 327 ePc    07 35.95   -1.0
                  e      07 49.21   51km
PV09    33.81 327 eP     07 38.05   -0.2
RSNY    34.46  15 eP     07 44.22    0.8
        1.1s     40.78nm         5.3mb
SRU     35.01 326 ePc    07 48.16   -0.2
                  e      08 00.70   46km
GAC     35.33  13 eP     07 51.00    0.3
PLM     35.52 313 eP     07 53.67    0.9
MSU     35.52 324 eP     07 53.53    0.7
EMUT    35.66 327 eP     07 54.14    0.1
                  e      08 06.55   46km
ARUT    35.80 322 eP     07 56.20    1.1
RSSD    35.99 338 eP     07 56.58   -0.1
        0.8s     12.90nm         4.9mb
PEC     36.01 313 (P)    07 57.22    0.5
        1.0s     14.69nm         4.9mb
DAU     36.33 327 ePc    07 59.61   -0.1
CSP     36.36 314 eP     08 01.43    1.7
GSC     36.50 316 (P)    08 03.80    2.9
DUG     37.03 325 eP     08 05.91    0.6
        1.2s     18.79nm         4.9mb
     Z  19s      2.95um          5.1Msz
                  e      08 18.36   46km
TPNV    37.06 318 eP     08 06.41    0.7
ISA     37.85 315 P      08 20.00    7.8X
     Z  21s      4.85um          5.3Msz
HVU     38.11 327 eP     08 14.26   -0.1
                  i      08 30.39   64kmX
MOCB    38.28 148 P      08 15.90   -0.5
CBM     38.52  20 (P)    08 17.97    0.4
     Z  19s      8.29um          5.6Msz
ELK     38.77 324 eP     08 20.12    0.0
                  e      08 31.95   43km
LMN     38.82  24 eP     08 21.50    1.4
        0.9s     10.00nm         4.7mb
HHAI    38.99 329 eP     08 19.02   -2.7X
                  e      08 32.99   54km
KVN     39.47 320 eP     08 27.05    1.2
ULM     39.48 350 eP     08 27.50    1.9
CMB     40.40 317 ePc    08 32.29   -1.0
     Z  20s      2.20um          5.0Msz
                  ePPd   10 22.29
                  eS     14 47.29
                  eLQ    18 25.29
                  eLR    21 42.29
SAO     40.48 314 ePc    08 38.78    4.8X
     Z  21s      3.50um          5.2Msz
                  ePPd   10 35.78
                  eS     14 53.78
                  eLQ    18 00.78
                  eLR    21 06.78
ARN     40.83 315 eP     08 38.32    1.5
LRM     40.88 332 eP     08 37.50    0.0
                  e      10 37.90
MHC     40.90 315 ePc    08 39.19    1.6
     Z  20s      3.40um          5.2Msz
                  ePPd   10 28.19
                  eS     15 07.19
                  eLQ    18 20.19
                  eLR    22 04.19
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BKS     41.57 315 ePc    08 43.37    0.5
     Z  21s      2.70um          5.1Msz
                  ePPd   10 35.37
                  eS     15 23.37
                  eLQ    18 37.37
                  eLR    22 19.37
ORV     41.94 318 ePc    08 46.35    0.4
     Z  20s      2.40um          5.1Msz
                  ePPd   10 39.35
                  eS     15 14.35
                  eLQ    18 40.35
                  eLR    22 25.35
MIN     42.43 319 ePc    08 53.73    3.6X
     Z  19s      4.10um          5.3Msz
                  ePPd   10 42.73
                  eS     15 32.73
                  eLQ    18 58.73
                  eLR    22 25.73
JAQ     43.05   9 eP     08 54.00   -0.8
LBFM    43.16 320 eP     08 55.34   -0.8
WDC     43.16 319 ePc    08 53.11   -2.7
     Z  21s      1.60um          4.9Msz
                  ePPc   10 43.11
                  eS     14 53.11
                  eLQ    19 30.11
                  eLR    22 41.11
YBH     43.88 320 ePc    08 55.62   -6.2X
     Z  19s      2.40um          5.1Msz
                  ePPd   10 47.62
                  eS     15 37.62
                  eLQ    19 23.62
                  eLR    23 22.62
ARC     44.31 318 ePc    09 09.42    4.3X
     Z  19s      1.80um          5.0Msz
                  ePPd   11 03.42
                  eS     15 44.42
                  eLQ    19 20.42
                  eLR    22 35.42
NEW     44.85 331 eP     09 07.95   -1.5
        1.1s      8.17nm         4.5mb
     Z  19s      3.03um          5.2Msz
VGB     44.93 326 eP     09 10.72    0.6
DPW     45.11 330 eP     09 10.63   -0.9
LON     46.25 326 eP     09 19.66   -1.0
BDFB    46.42 125 eP     09 20.46   -1.9
        0.7s     33.69nm         5.4mb
BAO     46.43 125 eP     09 20.00   -2.5
RMW     46.69 327 eP     09 23.02   -1.0
BMW     46.87 325 eP     09 23.44   -2.1
GMW     47.27 327 eP     09 26.75   -1.8
                  e      09 39.04   45km
MCW     47.99 328 eP     09 32.98   -1.2
FRB     53.68  10 eP     10 21.00    4.0X
        0.5s      2.00nm         4.4mb
YKA     54.88 344 eP     10 23.20   -2.7
        0.8s      3.60nm         4.5mb
     Z  20s      2.18um          5.2Msz
                  LR     38 44.00
GDH     61.41  13 eP     11 10.00   -1.4
                  e      15 08.00
                  e      24 40.00
RES     63.39 357 eP     11 23.50   -1.0
        0.6s      1.00nm         4.1mb
INK     64.50 342 eP     11 31.00   -0.9
        1.0s      2.00nm         4.1mb
MBC     67.16 352 eP     11 48.00   -0.8
        0.5s      2.00nm         4.4mb
PMR     67.24 332 P      12 00.00   10.5X
     Z  21s      1.66um          5.2Msz
FBA     67.82 336 eP     11 50.43   -2.6
        1.6s      4.13nm         4.2mb
HON     69.09 289 P      12 10.00    8.4X
     Z  20s      0.97um          5.0Msz
SVW     70.12 331 eP     12 03.99   -3.4X
TTA     70.70 333 eP     12 08.15   -2.8
        0.8s      3.01nm         4.3mb
SDN     71.72 325 eP     12 13.55   -3.4X
        0.8s     26.04nm         5.2mb
PAB     76.55  52 eP     12 39.50   -5.9X
                  eS     22 50.00
ILT     80.41 337 eP     13 08.30    2.6
GRF     86.11  40 eP     13 37.00    1.7
     Z  20s      4.20um          5.8Msz
                  e      19 47.10
MOX     86.14  39 eP     13 39.00    3.6X
     Z  21s      1.90um          5.5Msz
                  eS     24 18.00
```

eSS 30 38.00
SMY 86.77 323 P 13 50.00 11.6X
Z 20s 0.52um 4.9Msz
CLL 86.83 38 eP 13 54.00 15.2X
Z 19s 1.50um 5.4Msz
e(S) 24 25.00
BRG 87.52 39 e(P) 14 01.10 19.0X
Z 20s 1.70um 5.5Msz
N 20s 0.95um
E 20s 1.20um
e 14 17.70 58km
LVZ 90.43 19 eP 13 57.30 1.7
e 17 33.70
eS 24 46.40
ePS 26 11.30
PET 95.41 327 eP 14 20.00 1.3
e 27 30.00
MAT 116.54 321 ePKP 19 36.00 -2.9X
WB2 140.14 253 ePKP 20 17.80 -6.4X
0.5s 2.70nm
WRA 140.15 253 PKP 20 27.40 3.2X
1.3s 2.20nm
WARB 145.76 240 ePKP 20 33.00 -0.8
CHTO 149.49 350 ePKP 20 43.00 3.1X
LOE 150.26 345 ePKP 20 46.00 4.9X
GBA 150.28 34 PKP 20 47.00 5.9X
BDT 151.01 350 ePKP 20 45.00 2.9X
S.D. = 1.3 on 83 of 119 obs.

JUN 29, 1994 12h 20m 57.96± 0.72s
33.032 S ±10.6km 69.099 W ± 7.0km
DEPTH = 5.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 4.0 (SAN).

MDZ 0.26 55 iP 21 03.00 -0.2
iS 21 07.50
FCH 1.04 253 iP+ 21 17.42 -0.9
(S) 21 30.61
JACH 1.31 285 iP+ 21 22.58 -0.1
iS 21 39.23
PCH 1.32 243 iP+ 21 22.23 -0.7
iS 21 38.97
PEL 1.34 265 iPd 21 22.72 -0.4
iS 21 39.63
SAN 1.38 252 iP 21 23.88 0.1
iS 21 40.37
CHCH 1.58 235 iP+ 21 26.49 -0.2
iS 21 46.47
ROCH 1.61 272 iP+ 21 27.81 0.5
iS 21 48.59
CACH 1.66 229 iP+ 21 28.15 0.2
iS 21 49.21
TACH 1.66 248 iPd 21 27.79 -0.1
iS 21 48.75
LCCH 2.12 257 iP 21 35.45 1.0
iS 22 02.58
LNV 2.14 244 iP 21 35.57 0.8
iS 22 03.24
S.D. = 0.6 on 12 of 12 obs.

JUN 29, 1994 12h 21m 02.25± 0.20s
15.278 S ± 7.2km 173.495 W ± 6.8km
DEPTH = 33.0km (normal)
5.1mb (21 obs.)
TONGA ISLANDS (173)

VUN 8.17 249 eP 23 11.70 10.1X
DZM 20.16 247 iPc 25 37.30 0.5
NOUC 20.29 247 iPc 25 38.70 0.6
MRW 27.81 199 (P) 26 48.10 -2.3
ARMA 35.33 239 iPc 27 56.20 -0.6
HPO 38.45 28 (P) 28 19.08 -3.8X
CNB 38.75 232 iPc 28 25.00 -0.5
1.0s 46.00nm 5.2mb
CAN 39.03 232 iPc 28 27.10 -0.7
TOO 42.47 231 iPc 28 55.50 -0.5
0.9s 69.00nm 5.4mb
WB2 49.77 257 iPc 29 53.50 -0.5
0.7s 24.50nm 5.3mb
WRA 49.78 257 P 29 54.00 -0.1
0.7s 6.50nm 4.8mb
WARB 56.61 249 iPd 30 44.00 -0.7
0.7s 38.00nm 5.5mb
SBA 63.36 185 eP 31 32.20 2.1
NANU 67.00 252 eP 31 54.00 -0.5
MAT 68.79 320 eP 32 07.00 1.6
SDN 71.20 8 eP 32 18.59 -1.0
BCH 71.28 44 eP 32 20.54 -0.2
ABL 71.67 45 eP 32 22.80 -0.4
ORV 72.94 40 eP 32 29.96 -0.4
YSS 73.40 330 ePd 32 33.70 0.9
0.7s 20.00nm 5.2mb
e 32 49.00
GSC 73.57 45 eP 32 33.61 -0.6
DBO 74.13 36 P 32 37.28 0.0
RNO 74.35 35 P 32 38.91 0.4
KVN 74.78 42 eP 32 41.18 -0.1
KDC 74.80 11 eP 32 40.59 -0.1
SPA 74.82 180 iPc 32 41.70 0.6
0.9s 34.55nm 5.4mb
Z 15s 0.33um 4.7MszX
KMOR 75.60 34 P 32 45.65 -0.1
SSOR 75.66 35 P 32 45.80 -0.3
VBEM 76.27 35 P 32 49.19 -0.4
BMW 76.28 33 eP 32 49.31 -0.2
CROR 76.56 35 P 32 50.82 -0.3
SHW 76.63 34 eP 32 52.09 0.5
ASR 76.95 34 P 32 53.16 -0.2
GMW 77.21 33 eP 32 54.58 0.0
LON 77.21 34 eP 32 54.27 -0.4
FMW 77.40 34 P 32 55.77 -0.1
SVW 77.46 9 eP 32 55.25 -0.4
1.1s 32.94nm 5.3mb
JBO 77.50 35 P 32 55.91 -0.3
RMW 77.66 33 eP 32 57.27 0.1
SLKM 77.81 12 eP 32 57.25 -0.4
EBG 77.98 34 P 32 58.75 -0.1
JCW 78.06 32 P 32 59.08 -0.2
CP2 78.14 10 eP 32 59.04 -0.6
LNOR 78.61 36 P 33 01.76 -0.6
WTV 78.79 34 P 33 02.88 -0.5
PWA 78.93 11 eP 33 02.70 -1.0
0.9s 13.70nm 5.0mb
PMR 79.02 12 eP 33 03.82 -0.3
1.3s 26.90nm 5.1mb
SAW 79.09 34 P 33 04.45 -0.5
TTA 79.15 8 eP 33 05.08 0.1
1.3s 19.89nm 5.0mb
KLU 79.59 13 eP 33 07.40 0.0
HVU 79.67 42 eP 33 08.41 0.0
SRU 79.82 45 eP 33 09.31 0.0
DPW 79.84 34 eP 33 08.72 -0.3
EMUT 79.97 44 eP 33 10.32 0.2
DAU 79.97 43 eP 33 10.38 0.2
TOA 80.08 13 eP 33 10.20 0.2
0.7s 33.70nm 5.5mb
PV09 80.48 46 eP 33 13.25 0.3
PTI 80.49 41 eP 33 13.01 0.2
LTX 80.62 56 eP 33 13.48 -0.1
HHAI 80.71 40 eP 33 15.02 1.2
ALQ 80.79 50 eP 33 14.84 0.3
1.1s 18.00nm 5.0mb
PV08 80.86 46 eP 33 15.05 0.1
LRM 81.98 38 eP 33 20.30 -0.2
BW06 82.24 42 eP 33 21.34 -0.6
1.3s 26.55nm 5.1mb
FBA 82.29 11 eP 33 20.95 -0.5
0.9s 4.27nm 4.5mb
IMA 82.45 8 eP 33 21.60 -0.8
0.9s 3.60nm 4.4mb
ILT 83.03 358 iPc 33 25.40 0.3
1.7s 27.00nm 5.1mb
GLD 83.76 46 eP 33 30.66 0.9
1.2s 32.00nm 5.3mb
BJI 85.32 314 eP 33 40.00 2.7X
1.0s 6.00nm 4.8mb
RSSD 86.43 43 P 33 43.73 0.7
1.4s 29.20nm 5.3mb
MEO 86.67 53 iPc 33 43.90 -0.3
INK 88.17 14 eP 33 51.00 0.4
YKA 90.02 23 eP 33 59.00 -0.5
1.2s 3.90nm 4.5mb
CLL 143.68 353 e(PKP)40 54.00 18.6X
OKC 144.26 347 e(PKP)40 35.80 -0.6
UZH 144.29 342 ePKP 40 36.00 -0.5
1.0s 31.00nm
e 40 50.30
TNS 145.11 358 ePKPc 40 37.70 -0.3
BNN 145.13 318 iPKP 40 38.60 0.1
GRF 145.46 355 ePKPc 40 39.60 1.1
ec 40 53.70
ec 41 00.80
GEC2 146.01 351 PKP 40 40.70 1.1
1.2s 9.07nm
e 40 45.50
e 40 52.30
e 41 01.90
ZST 146.03 347 ePKP 40 41.20 1.7
SRO 146.12 346 iPKP 40 44.60 5.0X
LPF 146.75 9 ePKP 40 44.20 3.6X
1.1s 23.20nm
CDF 146.95 359 ePKP 40 43.20 2.1
0.9s 9.15nm
HAU 147.37 0 ePKP 40 44.30 2.6X
1.0s 17.60nm
BSF 147.54 360 ePKP 40 45.90 3.8X
0.8s 8.35nm
KBA 147.79 351 iPKPd 40 45.80 3.2X
0.7s 7.10nm
i 41 17.70
WTTA 147.82 353 iPKPd 40 46.20 3.5X
0.7s 9.90nm
i 40 55.30
i 41 07.00
LOR 148.03 3 ePKP 40 46.00 3.2X
1.2s 10.70nm
SSF 148.21 4 ePKP 40 46.80 3.8X
1.0s 14.60nm
LBF 148.32 3 ePKP 40 48.90 5.6X
1.0s 16.60nm
AVF 148.47 4 ePKP 40 46.90 3.5X
1.0s 7.20nm
LJU 148.60 349 ePKP 40 46.00 2.3
e 41 02.00
SMF 148.65 4 ePKP 40 49.30 5.5X
1.2s 15.75nm
TCF 148.88 6 ePKP 40 50.00 5.8X
1.2s 12.20nm
MAF 148.97 5 ePKP 40 50.60 6.3X
1.0s 13.80nm
LPG 149.87 360 ePKP 40 51.90 5.8X
0.8s 4.55nm
SKO 150.44 337 ePKP 40 50.00 3.4X
Z 22s 1.48um 5.7Msz
LR 52 46.00
VAY 150.55 335 iPKP 40 52.40 5.6X
OHR 151.43 337 iPKP 40 55.10 6.9X
1.2s 70.00nm
i 41 17.10
SBF 151.50 359 ePKP 41 00.00 11.8X
1.0s 13.80nm
S.D. = 0.8 on 79 of 101 obs.

? JUN 29, 1994 13h 18m 20.81± 0.88s
40.857 N ± 7.7km 22.876 E ± 7.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 1.5 (THE).

THE 0.23 163 ePg 18 25.92 0.1
eSg 18 29.44
KNT 0.31 3 ePg 18 27.28 0.1
eSg 18 31.04
SOH 0.36 95 iPg 18 28.20 -0.1
eSg 18 33.20
GRG 0.37 286 ePg 18 28.40 -0.1
eSg 18 34.44
S.D. = 0.2 on 4 of 4 obs.

% JUN 29, 1994 13h 25m 39.08± 0.77s
40.493 N ± 6.6km 23.666 E ± 7.8km
DEPTH = 10.0km (geophysicist)
GREECE (364)

OUR 0.29 123 ePg 25 45.44 0.3
eSg 25 50.70
SOH 0.41 324 ePg 25 48.50 1.1
THE 0.55 285 ePg 25 51.16 0.9
PAIG 0.56 179 iPg 25 50.53 0.0
eSg 25 58.48
SRS 0.63 355 iPg 25 51.21 -0.5
eSg 26 00.00
KNT 0.89 319 ePg 25 54.88 -1.2
eSg 26 08.44
LIT 0.98 247 ePg 25 57.02 -0.7
S.D. = 1.0 on 7 of 7 obs.

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* JUN 29, 1994 14h 22m 22.89± 0.85s
13.922 N ±12.6km 92.341 W ± 6.6km
DEPTH = 33.0km (normal)

29d 14h

4.4mb (10 obs.)
OFF COAST OF CHIAPAS, MEXICO (68)
MD 4.6 (GCG).

TPX 0.98 5 iP 22 40.50 0.2
iS 22 55.00
TER 1.65 77 eP 22 50.88 0.9
BVA 1.81 66 eP 22 54.30 1.8
eS 23 18.38
IXG 1.85 82 eP 22 54.15 1.2
eS 23 17.65
YUP 2.48 83 eP 23 04.44 2.4X
SCX 2.81 354 iP 23 08.04 1.6
iS 23 40.84
OXX 5.26 307 iP 23 44.55 3.0X
(S) 24 43.36
IISM 6.98 317 (P) 24 11.76 6.3X
LVVM 6.99 326 iP 24 00.00 -5.6X
(S) 25 19.00
ACX 7.82 293 (P) 24 39.00 21.7X
PPM 7.91 311 iP 24 22.30 3.3X
IIA 7.98 311 iP 24 23.34 3.8X
III 8.15 304 iP 24 24.52 2.4
UNM 8.48 310 (P) 24 49.00 22.3X
MRX 10.24 305 iP 24 52.00 1.3
LTX 18.58 327 eP 26 39.48 0.0
MIAR 20.56 357 eP 27 00.52 -1.0
0.8s 21.08nm 4.6mb
GOGA 21.01 21 (P) 27 05.62 -0.5
0.6s 7.42nm 4.3mb
MEO 21.52 346 iPc 27 09.10 -2.2
WMOK 21.53 345 eP 27 10.65 -0.7
0.9s 11.35nm 4.3mb
PRM 22.02 23 (P) 27 06.88 -9.3X
LHS 22.97 25 eP 27 24.19 -1.4
ALQ 24.50 331 eP 27 41.41 0.7
0.6s 4.21nm 4.2mb
PV08 28.49 333 eP 28 18.31 0.7
PV10 28.50 332 eP 28 17.59 0.0
PLM 29.51 315 eP 28 27.86 1.1
MSU 30.14 328 eP 28 34.10 1.8
ARUT 30.28 326 eP 28 34.93 1.5
DAU 31.16 331 eP 28 41.96 0.6
RSSD 31.72 344 eP 28 44.79 -1.3
0.8s 4.18nm 4.4mb
BW06 32.36 336 eP 28 51.00 -0.8
0.8s 2.83nm 4.2mb
HVU 32.94 331 eP 28 57.25 0.5
HHAI 33.96 333 eP 29 04.36 -1.2
LBFM 37.50 322 (P) 29 35.47 -0.2
LON 40.98 329 eP 30 04.84 0.5
MCW 42.81 330 eP 30 19.34 0.0
ITR 58.06 110 eP 32 15.20 -0.4
INK 60.42 344 ePd 32 30.30 -0.9
0.9s 4.00nm 4.5mb
KLU 60.90 334 eP 32 34.36 -0.3
SLKM 62.40 332 eP 32 43.81 -0.9
FBA 63.18 337 eP 32 48.50 -1.3
0.7s 0.68nm 3.9mb
CP2 63.60 332 (P) 32 52.20 -0.6
SVW 65.10 331 eP 33 00.89 -1.5
0.7s 12.77nm 5.1mb
TTA 65.82 333 eP 33 05.41 -1.6
0.9s 4.77nm 4.6mb
LOE 145.91 336 ePKP 42 01.00 0.1
S.D. = 1.2 on 36 of 45 obs.

JUN 29, 1994 14h 30m 00.34± 0.24s
37.493 N ± 3.9km 23.928 E ± 3.0km
DEPTH = 183.1 ± 6.7 km
3.6mb (1 obs.)
SOUTHERN GREECE (368)

ATH 0.51 341 iPc 30 25.00 -0.6
eS 30 42.30
VLI 1.11 226 eP 30 29.20 -0.2
AGG 1.98 321 ePb 30 37.92 0.2
VAM 2.09 174 eP 30 39.10 0.1
PAIG 2.44 356 iPn 30 42.78 -0.1
PRK 2.54 46 eP 30 44.70 0.6
NPS 2.61 148 eP 30 44.20 -0.7
VLS 2.73 286 eP 30 46.80 0.5
LIT 2.84 337 iPn 30 47.89 0.3
OUR 2.84 1 ePn 30 47.52 -0.1
THE 3.22 347 ePn 30 51.08 -1.2
KZN 3.27 330 eP 30 53.30 0.3
SOH 3.35 353 ePn 30 54.28 0.3
IGT 3.48 307 ePn 30 55.44 -0.1
GRG 3.66 342 iPn 30 56.72 -1.0
KNT 3.75 348 ePn 30 59.72 0.8
KEK 3.92 306 eP 31 01.00 -0.1
VAY 3.96 345 ePn 31 02.40 0.8
KBN 3.97 323 ePn 31 03.20 1.4
OHR 4.35 327 iPn 31 06.80 0.1
i 31 52.90
Lg 32 01.00
KSL 4.74 105 eP 31 13.80 2.2
SKO 4.87 338 iPn 31 13.50 0.2
iSn 32 05.80
PHP 4.98 328 ePn 31 12.20 -2.5
LCI 5.45 303 P 31 19.69 -1.2
GRI 6.06 285 P 31 29.50 0.5
BRT 6.22 305 P 31 30.95 -0.1
SOI 6.26 278 P 31 31.64 0.1
ORI 6.38 296 P 31 33.31 0.2
ATN 6.73 278 P 31 37.99 0.2
MGR 7.05 295 P 31 42.02 0.1
MEU 7.18 270 P 31 44.90 1.1
PZI 7.20 269 P 31 43.56 -0.5
MNO 7.33 276 P 31 45.84 -0.1
SGO 7.37 297 P 31 46.75 0.5
MMR 10.41 112 P 32 25.80 -0.4
HRI 10.52 110 P 32 27.10 -0.5
MML 10.69 115 P 32 29.60 -0.1
KSHT 10.72 111 P 32 30.00 -0.1
HMDT 10.86 115 P 32 32.20 0.4
JVI 10.91 117 P 32 32.30 -0.3
YTIR 11.09 120 P 32 34.70 -0.2
RMN 11.29 125 P 32 36.70 -0.9
SAGI 11.49 126 P 32 40.30 0.2
PRNI 11.63 125 P 32 42.30 0.4
GEC2 13.56 330 Pn 33 13.40 6.9X
1.0s 2.55nm 3.6mb
S.D. = 0.8 on 44 of 45 obs.

% JUN 29, 1994 15h 03m 33.07± 0.63s
26.890 S ± 6.3km 26.754 E ± 6.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.8 (PRE).

BFS 0.03 107 iPc 03 34.50 0.1
S 03 34.70
KSR 1.03 7 eP 03 53.00 -0.1
S 04 05.50
SWZ 1.31 257 eP 03 57.80 0.0
S 04 16.00
SEK 1.62 152 iPc 04 02.70 0.1
S 04 22.70
SLR 1.79 50 eP 04 05.00 0.0
S 04 29.50
BOSA 2.09 214 eP 04 09.90 0.8
S 04 35.80
BLF 2.27 193 eP 04 11.00 -0.9
S 04 39.00
S.D. = 0.6 on 7 of 7 obs.

% JUN 29, 1994 15h 26m 53.93± 0.62s
26.883 S ± 6.3km 26.657 E ± 5.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.4 (PRE).

BFS 0.11 98 iPc 26 55.90 -0.6
S 26 56.40
PRY 0.73 94 eP 27 08.90 0.4
S 27 17.40
KSR 1.04 12 eP 27 14.00 -0.1
S 27 30.00
SWZ 1.23 256 eP 27 17.00 -0.3
S 27 33.50
SEK 1.67 149 eP 27 24.30 0.2
S 27 46.00
SLR 1.85 52 eP 27 27.00 0.2
S 27 50.60
BOSA 2.05 212 eP 27 30.30 0.9
S 27 55.30
BLF 2.26 190 eP 27 31.90 -0.7
S 27 59.10
S.D. = 0.6 on 8 of 8 obs.

% JUN 29, 1994 16h 14m 01.82± 0.98s
39.242 N ± 7.2km 29.058 E ±11.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

ALT 0.84 102 ePg 14 18.20 0.1
eSg 14 28.20
KHL 0.99 158 iPg 14 20.50 -0.1
IZI 1.14 16 iPn 14 23.30 0.1
YLV 1.35 10 ePn 14 26.30 -0.3
EDC 1.44 321 ePn 14 28.00 0.1
S.D. = 0.3 on 5 of 5 obs.

? JUN 29, 1994 16h 16m 00.15±12.39s
51.301 N ±92.5km 176.730 W ±74.9km
DEPTH = 33.0km (normal)
3.9mb (2 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK 0.58 3 eP 16 11.79 -0.1
SVW 15.24 42 eP 19 37.45 3.2X
0.8s 16.16nm 4.3mb
TTA 16.10 36 eP 19 45.93 0.6
0.8s 3.12nm 3.5mb
SLKM 17.37 48 eP 20 00.72 -0.6
KLU 19.67 47 eP 20 29.27 0.2
S.D. = 0.9 on 4 of 5 obs.

? JUN 29, 1994 18h 09m 25.44± 1.08s
37.132 N ± 9.3km 2.310 W ± 9.5km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 2.4 (MDD).

ENIJ 0.18 153 iPd 09 29.46 0.0
eS 09 32.30
EGUA 1.05 254 eP 09 45.66 0.4
eS 09 58.20
ERON 1.20 265 eP 09 47.47 -0.5
eS 10 02.30
EVIA 1.51 354 eP 09 52.70 0.1
eS 10 11.40
S.D. = 0.6 on 4 of 4 obs.

% JUN 29, 1994 18h 17m 33.60± 0.60s
26.371 S ± 6.1km 27.444 E ± 6.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.5 (PRE).

KSR 0.70 316 eP 17 48.00 0.3
S 17 57.00
SLR 0.98 50 iPc 17 52.20 -0.6
S 18 03.10
SEK 1.95 175 eP 18 08.00 0.1
S 18 33.50
SWZ 2.06 246 eP 18 09.10 -0.3
S 18 34.10
BFT 2.44 74 eP 18 15.50 0.6
S 18 44.50
BOSA 2.87 218 eP 18 20.90 0.1
S 18 54.40
BLF 2.95 202 eP 18 22.00 -0.1
S 18 56.50
S.D. = 0.5 on 7 of 7 obs.

JUN 29, 1994 18h 22m 33.58± 0.10s
32.567 N ± 2.3km 93.673 E ± 1.8km
DEPTH = 9.5km (geophysicist)
5.9mb (127 obs.) 5.6Msz (43 obs.)
XIZANG (306)
Mw 5.8 (GS), 5.9 (HRV). Ms 5.3
(BRK). Mo=1.3*10**18 Nm (PPT).
Depth from broadband
displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=197 Dip=62 Slip= -90
NP2: 17 28 -90
Principal Axes:
T Plg=17 Azm=287
P 73 107
Comment: The focal mechanism is
poorly controlled and
corresponds to normal
faulting. The preferred fault
plane is not determined.
RADIATED ENERGY
No. of sta: 18 Focal mech. F
Energy 3.4±0.7*10**12 Nm

MOMENT TENSOR SOLUTION
Dep 8 No. of sta: 28
Moment Tensor; Scale 10**17 Nm
Mrr=-5.68 Mtt= 0.57
Mff= 5.11 Mrt= 0.57
Mrf=-0.14 Mtf= 1.81
Principal axes:
T Val= 5.74 Plg= 0 Azm=289
N 0.00 6 19
P -5.74 84 197
Best Double Couple:Mo=5.7*10**17
NP1:Strike= 13 Dip=45 Slip= -98
NP2: 205 46 -82
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 49S, 97C
Centroid Location:
Origin Time 18:22:45.3 0.1
Lat 32.57N 0.02 Lon 93.68E 0.02
Dep 15.0 BDY Half-duration 2.2
Moment Tensor; Scale 10**17 Nm
Mrr=-7.59 0.14 Mtt= 0.92 0.18
Mff= 6.67 0.18 Mrt= 1.74 0.43
Mrf= 0.90 0.53 Mtf= 2.10 0.15
Principal Axes:
T Val= 7.49 Plg= 5 Azm=289
N 0.46 9 20
P -7.95 79 170
Best Double Couple:Mo=7.7*10**17
NP1:Strike= 9 Dip=40 Slip=-105
NP2: 208 51 -78

LSA 3.58 218 eP 23 35.52 4.7X
TAPN 7.33 226 P 24 23.62 0.0
ODAN 7.88 225 P 24 30.84 -0.5
JIRN 8.12 235 P 24 35.94 1.2
GUN 8.18 237 P 24 37.00 1.4
S 26 13.12
RAMN 8.31 229 P 24 36.46 -0.9
KKN 8.68 239 P 24 43.60 1.2
S 26 22.12
PKI 8.72 237 P 24 43.10 0.1
DMN 8.91 239 P 24 46.22 0.6
GKN 9.04 242 P 24 48.02 0.7
LZH 9.11 65 eP 24 49.63 1.3
1.5s 622.00nm 6.8mb
pP 24 53.00
sP 24 56.00
PP 24 57.00
DANN 9.53 246 P 24 54.68 0.5
KOLN 9.94 244 P 24 59.82 0.0
PYUN 10.25 247 P 25 02.92 -1.1
KMI 10.87 131 eP 25 11.71 -0.8
1.2s 610.00nm 6.8mb
Z 10s 76.40um 4.4MszX
E 10s 21.10um
PP 25 20.60
sP 25 24.20
i 25 54.00
S 27 08.00
sS 27 18.00
SS 27 26.00
XAN 12.84 79 ePd 25 38.67 -0.3
ENH 13.70 95 eP 25 50.35 0.1
CHTO 14.49 160 iPd 25 59.69 -1.1
1.2s 208.33nm 5.6mb
eS 28 45.10
NDI 14.69 259 iP 26 01.90 -1.4
0.6s 146.67nm 5.7mb
BDT 16.00 161 eP 26 18.00 -2.4X
1.0s 676.30nm 5.7mb
AAA 16.95 314 iP 26 32.50 0.1
iS 29 45.00
NST 17.81 159 iPd 26 44.00 0.7
ZAK 19.17 19 iPc 27 00.50 0.8
1.8s 772.00nm 5.6mb
Z 11s 54.12um 4.5Msz
N 11s 46.03um
E 12s 13.92um
BJI 19.58 61 P- 27 05.00 0.3
1.5s 113.00nm 4.9mb
Z 12s 36.24um 4.8Msz
N 10s 36.14um
eS 30 48.00
eSS 31 17.00
QIZ 19.81 129 iPd 27 07.39 0.2
HYB 20.34 226 ePd 27 11.00 -1.9

1.0s 480.00nm 5.8mb
e 27 29.00
eS 31 04.00
TLY 20.44 18 iPd 27 14.56 0.8
HKC 20.84 114 iP 27 18.20 0.3
S 31 14.00
IRK 21.16 18 iP- 27 22.00 1.0
2.5s 1075.00nm 5.8mb
Z 11s 33.76um 6.0MszX
N 12s 20.40um
e 27 37.20
e 27 49.00
eS 31 17.00
e 31 29.00
POO 22.64 237 iPc 27 36.50 0.3
1.1s 379.75nm 5.8mb
SSE 23.40 86 iPd 27 44.99 1.5
1.0s 1.00nm 3.3mb X
N 10s 11.70um
S 31 56.00
i 32 04.00
sS 32 20.00
GBA 24.01 222 Pd 27 49.80 0.3
0.9s 999.90nm 6.4mb
CIT 24.24 31 eP 27 52.00 0.5
Z 12s 33.61um 6.0MszX
E 12s 39.43um
eS 32 12.00
HIA 25.63 42 iPd 28 06.16 1.4
SNG 26.08 164 eP 28 10.50 1.3
1.2s 768.75nm 6.3mb
BRVK 26.50 328 iPd 28 13.00 0.2
1.4s 450.00nm 6.0mb
Z 12s 50.50um 6.3MszX
N 12s 31.71um
E 12s 17.04um
BBP 27.96 109 ePc 28 27.00 0.6
PIP 28.06 114 eP 28 30.50 3.2X
MAIO 28.35 287 iPd 28 31.00 1.1
1.0s 60.00nm 5.3mb
eS 33 28.00
IPM 28.68 165 ePd 28 32.60 -0.3
1.6s 355.40nm 5.9mb
BOD 28.89 23 eP 28 33.30 -1.1
1.5s 41.00nm 5.0mb
BAG 29.18 117 eP 28 38.00 0.4
eS 33 32.00
BCP 29.20 117 eP 28 38.00 0.3
ASH 29.22 291 P 28 40.50 2.9X
Z 13s 21.05um 5.9MszX
N 11s 23.30um
E 11s 26.33um
e 28 53.00
e 29 33.00
e 29 45.00
e 31 45.00
S 33 35.00
i 35 00.00
CVP 29.35 113 ePd 28 40.50 1.6
KLM 30.25 164 eP 28 46.50 -0.5
MDJ 30.30 56 ePd 28 46.86 -0.4
epPc 28 50.42 12kmX
QVP 30.62 119 eP 28 49.00 -1.2
KAT 30.86 293 iPc 28 55.00 2.8X
TGY 30.91 120 iPd 28 51.50 -1.4
SHNJ 31.20 77 P 28 54.20 -1.0
KUMJ 31.22 80 P 28 54.30 -1.1
PGP 31.32 121 ePc 28 57.00 0.6
KAGJ 31.53 82 P 28 57.70 -0.5
KGM 31.72 161 eP 29 00.50 0.7
PPR 32.40 129 ePd 29 06.00 0.2
YONJ 32.99 74 P 29 09.80 -1.1
SVE 33.20 327 ePd 29 13.00 0.6
1.9s 700.00nm 6.3mb
Z 12s 18.50um 6.0MszX
N 12s 8.00um
E 12s 12.00um
e 29 30.50
ePPP 30 24.00
iS 34 31.00
TKSJ 33.64 76 P 29 16.70 0.2
KKM 33.73 137 ePd 29 20.00 2.4X
ARU 33.95 325 ePd 29 19.53 0.6
1.5s 600.00nm 6.3mb
Z 15s 20.00um 6.0MszX
N 15s 12.00um
E 15s 14.00um

e 29 32.50
e 30 33.00
ePPP 30 57.00
e 32 00.00
iS 34 49.00
e 36 49.00
eSS 37 10.00
WKYJ 34.86 76 P 29 23.50 -3.7X
TSRJ 34.99 73 P 29 27.80 -0.3
MAP 35.64 122 eP 29 34.00 0.2
BAK 35.76 295 iPc 29 40.00 5.4X
PLP 35.80 119 ePd 29 36.00 0.8
TSM 36.11 136 ePc 29 37.50 -0.3
MTMJ 36.32 71 eP 29 40.40 0.9
IIDJ 36.55 73 eP 29 44.90 3.4X
MAJO 36.65 71 ePd 29 40.82 -1.4
1.0s 37.30nm 5.1mb
epPc 29 43.80 10kmX
esPc 29 45.04
MAT 36.65 71 iPd 29 40.50 -1.7
1.2s 21.88nm 4.8mb X
Z 20s 2.13um 4.9Msz
eS 35 23.00
NIIJ 37.20 70 P 29 46.50 -0.2
CHJJ 37.34 72 eP 29 50.70 2.7X
YAK 37.40 27 iPd 29 48.40 0.3
1.7s 236.00nm 5.7mb
Z 11s 16.30um 6.1MszX
e 31 21.00
iPPP 31 32.00
e 32 07.00
iS 35 39.00
e 35 55.00
eSSS 38 40.00
e 40 03.00
MAK 37.58 300 iPc+ 29 52.00 2.1
Z 15s 16.00um 5.9MszX
N 15s 18.00um
E 16s 20.00um
ePPP 31 38.00
iS 35 44.00
eSS 38 12.00
YAMJ 37.91 68 eP 29 50.40 -2.4
AOMJ 37.98 64 eP 29 56.20 2.9X
DHR 38.22 272 eP 29 56.00 0.5
eS 35 45.00
KAKJ 38.26 71 eP 29 55.70 0.0
KER 38.63 286 ePd 29 59.00 0.0
TAB 38.69 292 iP- 30 02.00 2.5X
i 30 06.00
BIP 38.70 122 eP 30 02.00 2.4X
DAV 39.00 124 ePd 30 04.90 2.8X
1.5s 688.89nm 6.1mb
OFUJ 39.09 67 eP 30 00.80 -1.8
MTA 39.56 298 eP 30 08.60 2.1
N 15s 2.20um
E 15s 2.40um
i 30 15.40
e 31 41.00
ePPP 32 13.00
eS 36 09.00
ASAJ 39.57 59 eP 30 06.20 -0.3
YSS 39.70 54 iPd- 30 07.90 0.3
1.1s 180.00nm 5.7mb
Z 14s 17.00um 6.0MszX
N 14s 5.70um
E 14s 17.30um
e 30 24.00
e 31 40.00
e 32 17.00
iS 36 16.00
GNI 39.73 295 ePd 30 10.83 2.6
epPc 30 14.06 11kmX
HOOJ 40.08 61 eP 30 11.30 0.5
PYA 40.75 301 eP 30 17.00 0.6
Z 16s 7.50um 5.6MszX
ePPP 32 12.00
iPS 36 28.00
iS 39 16.00
KIV 41.02 301 ePd 30 19.50 0.8
epPc 30 22.23 9kmX
e 31 59.50
e 32 16.60
iS 36 35.60
eSS 39 31.80
KUSJ 41.09 60 eP 30 18.60 -0.5
RYD 41.77 272 ePd 30 26.00 1.1

29d 18h

eS 36 35.00
MJMA 42.47 274 ePd 30 30.00 -0.7
SOC 43.19 301 eP 30 35.00 -1.3
1.5s 250.00nm 5.7mb
Z 16s 5.50um 5.6MszX
N 17s 4.20um
E 17s 6.00um
e 32 30.00
eS 36 57.00
eSS 40 28.00
QASM 43.86 275 eP 30 42.00 0.0
ANN 44.83 303 eP 30 49.00 -0.5
1.5s 250.00nm 5.9mb
e 32 31.00
iS 37 27.00
MKS 44.87 142 iPd 30 51.30 1.2
KMSA 45.31 267 ePd 30 52.00 -1.7
OBN 45.40 317 ePd 30 54.01 0.1
1.8s 37.00nm 5.0mb
Z 20s 9.70um 5.7Msz
N 14s 5.20um
E 18s 27.00um
epPc 30 56.99 10kmX
e 31 06.00
e 32 36.50
iS 37 37.00
i 40 48.00
KVT 46.17 298 iP 31 00.50 0.2
BNN 46.69 295 eP 31 02.60 -1.9
SIM 47.08 303 eP 31 08.00 0.7
Z 24s 6.50um 5.5MszX
e 33 00.00
eS 38 03.00
DHJN 47.39 264 ePd 31 10.70 0.3
ABHA 47.73 265 ePd 31 14.66 1.5
BHL 47.98 288 P 31 13.00 -1.7
S 38 16.00
TAIF 48.41 270 ePd 31 18.00 -0.3
LVZ 48.67 334 ePd 31 19.33 -0.2
epPc 31 22.56 11kmX
e 33 12.00
eS 38 19.60
FAM 49.01 290 eP 31 23.00 0.5
PUL 49.18 323 (P) 31 24.00 0.6
1.8s 880.00nm 6.5mb
Z 16s 21.00um 6.2MszX
N 13s 5.80um
E 15s 16.00um
i 31 37.00
e 33 19.00
ePPP 34 08.00
eS 38 32.00
e 41 11.00
eSS 41 52.00
eSSS 43 15.00
CSS 49.55 290 eP 31 26.50 -0.2
WAJH 49.68 278 ePd 31 28.00 0.2
PET 50.01 46 eP 31 29.00 -0.9
1.2s 130.00nm 5.8mb
Z 15s 12.00um 6.0MszX
N 20s 1.40um
E 14s 8.30um
e 32 51.00
e 38 48.00
GUMO 50.24 100 (P) 31 32.26 0.1
1.1s 307.40nm 6.2mb
Z 32s 2.84um 5.1MszX
epPc 31 35.24 10kmX
esPc 31 36.65
e 31 38.80
eS 38 41.10
PJG 50.24 100 eP 31 30.00 -2.1
KIS 50.46 307 iPd- 31 32.50 -0.9
1.6s 640.00nm 6.3mb
Z 17s 9.00um 5.9MszX
i 32 53.00
i 33 33.00
ePPP 34 25.00
iS 38 47.50
ePS 38 58.50
eSS 42 10.00
MNK 50.64 316 eP 31 34.00 -0.7
1.5s 412.00nm 6.2mb
Z 14s 15.90um 6.2MszX
e 33 32.00
eS 38 44.00
eSS 42 22.00
HRT 50.97 299 iP 31 27.80 -9.7X
KAF 51.27 326 iP 31 39.80 0.4
1.0s 87.90nm 5.6mb
KHL 51.65 296 eP 31 41.50 -1.3
SDF 51.68 333 iP 31 42.60 0.2
ELL 51.76 293 iP 31 43.00 -0.6
KEV 51.78 336 ePd 31 43.57 0.4
epPc 31 46.46 10kmX
NUR 52.04 324 iP 31 46.00 0.8
0.8s 82.10nm 5.7mb
KCT 52.07 298 iP 31 46.90 1.1
LVV 53.24 311 iP 31 54.00 -0.4
Z 16s 15.00um 6.1MszX
e 33 54.00
iS 39 26.00
ALN 53.63 299 eP 31 51.58 -5.7X
EZN 53.69 298 iP 31 59.20 1.5
UZH 54.57 310 eP 32 05.00 0.9
1.0s 120.00nm 5.9mb
Z 17s 13.00um 6.1MszX
E 17s 13.50um
e 43 16.90
OUR 55.29 299 iP 32 08.54 -0.9
SRS 55.37 300 eP 32 10.54 0.5
UPP 55.58 324 iP 32 10.30 -1.0
1.2s 600.00nm 6.5mb
i 32 13.60
iS 39 52.00
SOH 55.62 300 eP 32 09.98 -2.0
PAIG 55.62 299 eP 32 09.70 -2.2
KNT 55.86 301 eP 32 11.82 -1.8
THE 55.96 300 eP 32 12.34 -1.9
VAY 56.06 301 iP 32 14.50 -0.5
0.9s 70.00nm 5.7mb
i 32 16.50
GRG 56.28 300 eP 32 15.14 -1.5
LIT 56.45 299 eP 32 15.14 -2.8X
BEO 56.64 305 iP 32 19.00 -0.1
SKO 56.70 302 iP 32 17.70 -1.9
1.5s 170.00nm 5.9mb
Z 18s 2.44um 5.3Msz
i 32 20.20
e 44 54.00
i 47 01.00
LR 00 08.00
AGG 56.88 298 eP 32 16.98 -4.0X
OKC 56.99 312 eP 32 21.60 0.1
e 32 24.10
e(S) 40 16.00
FNA 57.07 300 eP 32 20.94 -1.4
SRO 57.35 309 iP 32 24.10 0.0
OHR 57.40 301 iP 32 23.00 -1.6
1.0s 80.00nm 5.7mb
HFS 57.50 324 eP 32 24.10 -0.9
0.5s 14.90nm 5.3mb
Z 16s 7.11um 5.9MszX
LR 56 00.00
IVA 57.55 303 iPd 32 27.69 2.0
PVY 57.57 303 iPd 32 27.37 1.5
PLE 57.78 304 iPd 32 29.09 1.8
BSD 57.79 318 iPc 32 28.70 1.6
1.2s 109.00nm 5.8mb
ZST 58.04 310 eP 32 28.70 -0.2
TTG 58.12 303 iPd 32 29.55 0.0
NKY 58.20 303 iPd 32 30.05 -0.2
IGT 58.21 299 eP 32 26.74 -3.5X
BDV 58.47 303 iPd 32 30.57 -1.5
BRY 58.49 304 iPd 32 31.21 -1.2
VKA 58.53 310 iPd 32 32.30 -0.1
4.5s 1343.00nm 6.3mb X
Z 14s 3.70um 5.7MszX
i 34 41.50
LR 03 40.00
NB2 58.54 326 P 32 31.30 -1.1
0.8s 68.90nm 5.8mb
HCY 58.66 303 iPd 32 31.61 -1.7
NANU 58.66 156 eP 32 33.20 -0.3
MBL 58.99 151 eP 32 34.30 -1.5
0.5s 78.00nm 6.1mb
COP 59.05 319 iPc 32 39.30 3.4X
1.1s 212.66nm 6.2mb
PRU 59.21 312 eP 32 37.00 -0.1
1.4s 212.00nm 6.1mb
Z 15s 7.60um 5.9MszX
N 12s 2.00um
E 14s 6.50um
i 32 39.80
S 40 44.80
ScS 42 27.90
SS 44 36.40
SMY 59.29 44 eP 32 37.20 -0.4
0.7s 142.00nm 6.2mb
BRNL 59.30 315 ePd 32 37.90 0.2
eS 40 49.50
BRG 59.34 314 iP 32 37.80 -0.2
1.7s 220.00nm 6.0mb
i 32 40.80
iS 40 49.00
BRN 59.40 315 eP 32 39.00 0.7
ILT 59.40 26 iPd 32 36.70 -1.4
1.4s 149.00nm 5.9mb
Z 12s 9.40um 6.1MszX
N 12s 2.80um
E 14s 9.00um
i 32 48.20
i 33 25.20
iS 40 46.00
ZAG 59.40 307 ePd 32 38.50 0.0
PTJ 59.41 308 eP 32 38.00 -0.6
WWKK 59.43 117 e(P) 32 39.00 -0.1
LCI 59.70 301 P 32 40.90 0.4
CLL 59.80 314 iPd 32 40.50 -0.7
1.7s 220.00nm 6.0mb
eS 40 54.00
KHC 60.04 312 ePd 32 43.00 0.1
1.4s 73.00nm 5.6mb
e 33 02.00
e 34 43.50
e 34 58.50
GEC2 60.05 311 P 32 42.50 -0.5
0.8s 25.11nm 5.4mb
e 32 46.10
e 32 47.90
PP 34 59.60
BRT 60.06 302 P 32 43.63 0.6
LJU 60.32 308 eP 32 45.00 0.3
1.5s 260.00nm 6.1mb
e 32 47.90
e 33 25.00
e 36 36.00
eS 40 51.50
eScS 42 40.00
eSS 44 48.00
RIY 60.63 307 eP 32 48.10 1.3
VOY 60.75 308 eP 32 47.30 -0.5
e 32 49.50
KBA 60.79 309 iPc 32 47.90 -0.3
0.9s 45.60nm 5.6mb
i 32 53.50
i 33 08.20
MOX 60.83 314 ePc 32 48.40 0.2
1.8s 222.00nm 6.0mb
Z 18s 4.50um 5.7Msz
ePP 35 05.00
eS 41 11.00
eSS 45 00.00
ORI 60.87 301 P 32 50.99 2.4X
BHG 60.90 310 iPc 32 49.20 0.5
1.5s 380.00nm 6.3mb
TRI 60.93 308 eP 32 48.00 -0.9
ePP 35 03.80
ePPP 36 24.00
eS 41 08.00
eSS 45 32.00
eSSS 48 08.00
TDS 61.09 301 P 32 50.49 0.4
FG4 61.18 302 P 32 50.79 0.1
FG2 61.21 303 P 32 53.38 2.5X
FVI 61.31 309 P 32 50.84 -0.6
GRI 61.32 300 P 32 52.22 0.6
GRF 61.35 313 ePd 32 52.10 0.3
2.0s 540.00nm 6.4mb
Z 17s 7.50um 5.9MszX
ePP 35 09.10
GRFO 61.36 313 iPd 32 51.85 0.0
epPc 32 54.83 10kmX
MGR 61.49 301 P 32 53.88 1.1
SGO 61.53 302 P 32 52.93 -0.1
VVI 61.73 309 P 32 54.43 0.0
DUI 61.76 303 P 32 54.77 0.0
FUR 61.79 311 eP 32 54.80 0.0
Z 21s 7.00um 5.8Msz
WTTA 61.84 310 iPc 32 54.90 -0.5
1.2s 129.00nm 6.0mb

i 32 57.00
SOI 61.84 299 P 32 56.02 0.8
WATA 61.86 310 iPc 32 54.80 -0.6
1.5s 204.00nm 6.1mb
i 32 57.00
GMB 61.95 299 P 32 58.16 2.0
SQTA 62.13 310 iPc 32 56.70 -0.5
1.1s 103.00nm 5.9mb
i 32 58.80
MOTA 62.16 310 iPc 32 56.90 -0.5
1.1s 105.00nm 5.9mb
i 32 59.10
ARV 62.20 306 P 32 57.63 0.1
RFI 62.22 303 P 32 59.33 1.7
CTI 62.22 309 P 32 56.95 -0.9
ATN 62.25 299 P 32 59.33 1.4
AQU 62.27 304 P 32 57.68 -0.4
OGA 62.36 310 iPc 32 58.50 -0.4
RSM 62.39 306 P 32 59.45 0.7
ASS 62.54 305 P 33 00.26 0.4
MNS 62.76 305 P 33 00.75 -0.6
SFI 62.80 306 P 33 01.73 0.3
TNS 62.89 314 ePd 33 01.80 -0.3
i 33 04.50
MNO 62.90 299 P 33 04.69 2.2
PGD 62.90 306 P 33 02.56 0.1
RDP 62.95 304 P 33 04.01 1.4
OSS 63.00 310 ePc 33 02.80 -0.2
WIT 63.10 317 eP 33 07.00 3.7X
SAL 63.11 309 P 33 05.98 2.5X
WTS 63.28 316 eP 33 05.50 1.0
1.5s 27.30nm 5.2mb
e 33 07.50
NAI 63.28 250 ePd 33 06.00 0.6
1.0s 3044.00nm 7.4mb X
BNS 63.41 315 ePc 33 05.50 0.1
Z 13s 15.00um 6.3MszX
eS 41 40.00
eSS 46 27.50
eSSS 48 38.80
VDL 63.50 310 ePc 33 06.10 -0.3
MDI 63.59 309 P 33 08.57 1.9
BDI 63.60 307 P 33 07.19 0.3
LLS 63.67 310 ePc 33 07.00 -0.5
SLE 63.69 311 ePc 33 07.30 -0.1
SRBF 63.69 313 P 33 07.91 0.6
PII 63.77 307 P 33 07.44 -0.4
ZLA 63.85 311 eP+ 33 08.20 -0.3
FAI 63.89 299 P 33 11.55 2.8X
FEL 63.95 312 P 33 08.34 -0.9
TMA 64.02 310 ePc 33 09.00 -0.8
LIBD 64.11 312 P 33 10.05 -0.1
BOB 64.12 308 P 33 10.67 0.4
APL 64.13 311 eP+ 33 10.00 -0.3
VAI 64.17 309 P 33 11.17 0.7
WLS 64.18 312 P 33 10.34 -0.3
DBN 64.19 317 eP 33 11.00 0.4
Z 20s 7.50um 5.9Msz
ePcP 33 44.00
eS 41 51.00
eScS 43 10.00
ENN 64.22 315 eP 33 11.00 0.2
0.8s 36.90nm 5.6mb
e 33 13.00
e 33 25.00
CDF 64.23 312 eP 33 09.90 -1.1
1.6s 227.00nm 6.1mb
KVG 64.30 111 eP 33 12.20 0.4
ECH 64.37 312 P 33 11.59 -0.2
BBS 64.42 311 P 33 11.94 -0.2
WLF 64.47 314 iPc 33 12.32 -0.1
MOF 64.51 312 P 33 12.85 0.0
ALE 64.55 357 ePd 33 12.02 -0.5
epPc 33 15.00 10kmX
BSF 64.74 312 eP 33 13.20 -1.1
1.4s 153.80nm 6.0mb
ORO 64.78 309 P 33 15.25 0.6
PCP 64.80 308 P 33 13.73 -1.0
LOMF 64.89 311 P 33 14.95 -0.3
HAU 64.95 312 eP 33 14.50 -1.1
1.5s 102.90nm 5.8mb
Z 22s 4.65um 5.6Msz
DIX 64.98 310 ePc 33 16.70 0.6
CKI 65.02 308 P 33 18.04 2.0
WRAB 65.11 137 eP 33 16.26 -0.6
epPc 33 18.99 9kmX
esPc 33 20.56

WRA 65.11 137 P 33 16.90 0.0
0.8s 18.20nm 5.3mb
WB2 65.11 137 iPc 33 16.10 -0.8
0.7s 46.30nm 5.8mb
UCC 65.14 316 P 33 17.00 0.3
FIN 65.15 308 P 33 15.89 -1.1
PGF 65.24 306 eP 33 16.60 -1.0
0.9s 70.45nm 5.9mb
DOU 65.26 315 P 33 18.00 0.5
S 42 03.00
SNF 65.29 315 P 33 18.30 0.6
ROB 65.34 308 P 33 17.49 -0.7
LSD 65.38 309 P 33 18.45 -0.2
RSP 65.43 309 P 33 18.31 -0.5
BRW 65.43 20 eP 33 18.50 0.2
IMI 65.47 308 P 33 18.91 -0.2
BHB 65.54 309 P 33 18.54 -0.9
ANM 65.55 28 eP 33 19.70 0.5
LPG 65.63 310 eP 33 19.90 -0.4
1.6s 504.95nm 6.5mb
LPL 65.63 310 eP 33 19.80 -0.5
0.9s 147.40nm 6.2mb
RSL 65.64 310 P 33 19.32 -0.9
ENR 65.67 308 P 33 19.14 -1.2
SAOF 65.67 308 P 33 20.61 0.3
DOI 65.68 308 P 33 19.92 -0.5
STV 65.72 308 P 33 19.04 -1.7
AUTN 65.75 308 P 33 20.72 -0.3
PZZ 65.77 308 P 33 19.73 -1.4
SBF 65.80 308 eP 33 20.20 -0.9
1.0s 230.40nm 6.3mb
RRL 65.82 309 P 33 20.28 -1.2
BNI 65.84 309 P 33 21.34 -0.2
AURF 65.86 308 P 33 21.73 0.1
TOUF 65.86 308 P 33 21.00 -0.7
PMG 65.87 120 ePd 33 21.73 -0.1
epPc 33 24.21 8kmX
esPc 33 25.78
REVF 65.89 308 P 33 21.73 0.0
MVIF 65.97 308 P 33 22.47 0.1
CALN 66.20 308 P 33 23.73 -0.1
CGL 66.26 303 P 33 26.19 1.9
WARB 66.33 148 eP 33 24.70 0.1
RAB 66.34 112 ePc 33 25.00 0.0
GRN 66.38 310 P 33 24.61 -0.3
FRF 66.44 308 eP 33 24.10 -1.1
1.5s 198.50nm 6.1mb
LMR 66.62 307 eP 33 25.40 -0.9
1.2s 139.85nm 6.0mb
LRG 66.67 308 eP 33 25.90 -0.8
1.1s 152.40nm 6.1mb
Z 23s 3.70um 5.5MszX
LOR 66.79 312 eP 33 26.00 -1.4
1.6s 158.60nm 6.0mb
Z 20s 6.65um 5.9Msz
LBF 66.83 312 eP 33 26.40 -1.3
1.6s 210.80nm 6.1mb
CDR 66.98 308 ePc 33 28.70 0.0
i 33 31.10
SMF 67.05 312 eP 33 28.00 -1.0
1.6s 343.30nm 6.3mb
SSF 67.09 312 eP 33 28.20 -1.1
1.5s 216.25nm 6.1mb
SSB 67.14 310 P 33 29.63 -0.1
AVF 67.30 312 eP 33 29.70 -0.9
1.6s 347.00nm 6.3mb
PLDF 67.46 311 P 33 32.03 0.3
HYF 67.55 313 eP 33 31.70 -0.5
ESK 67.56 322 ePd 33 31.69 -0.4
epPc 33 34.67 10kmX
BGF 67.71 312 eP 33 32.20 -1.0
1.1s 76.20nm 5.8mb
AGO 67.74 311 P 33 33.96 0.5
PYM 67.94 311 P 33 35.00 0.2
LBL 68.00 310 P 33 35.66 0.5
MAF 68.02 312 eP 33 34.70 -0.5
1.6s 353.25nm 6.3mb
TCF 68.22 312 eP 33 35.90 -0.6
1.6s 407.95nm 6.4mb
LSF 68.67 312 eP 33 38.10 -1.1
1.6s 158.60nm 6.0mb
LDF 68.68 315 eP 33 38.20 -1.1
1.1s 105.50nm 5.9mb
FLN 68.83 315 eP 33 39.10 -1.0
1.6s 177.85nm 6.0mb
Z 21s 4.65um 5.7Msz
NWAO 68.83 159 ePd 33 38.94 -1.3

epPc 33 42.08 10kmX
esPc 33 43.32
CAF 68.89 310 eP 33 40.30 -0.3
1.1s 93.05nm 5.9mb
AKU 69.03 336 iP 33 43.10 2.1
1.5s 244.44nm 6.2mb
RJF 69.08 311 eP 33 41.60 -0.2
1.6s 355.70nm 6.3mb
Z 22s 3.25um 5.5Msz
IMA 69.12 24 eP 33 41.80 0.0
1.7s 113.40nm 5.8mb
GRR 69.21 315 eP 33 41.60 -0.9
1.6s 317.15nm 6.2mb
MBC 69.47 8 eP 33 44.00 0.4
1.5s 148.00nm 5.9mb
LPF 69.48 314 eP 33 43.30 -0.8
1.4s 150.30nm 6.0mb
LPO 69.56 310 eP 33 44.40 -0.3
1.6s 211.45nm 6.0mb
MFF 69.56 313 eP 33 43.80 -0.9
1.6s 238.20nm 6.1mb
LFF 69.73 311 eP 33 45.60 -0.1
1.6s 283.60nm 6.2mb
LSPF 69.85 309 P 33 46.84 0.3
TTA 69.99 27 eP 33 48.00 0.9
1.3s 80.90nm 5.7mb
TRGS 70.00 308 P 33 49.44 1.8
GRBF 70.14 309 P 33 50.82 2.5X
DLF 70.21 321 iPc 33 51.20 2.8X
1.3s 308.00nm 6.3mb
LESF 70.22 309 P 33 51.08 2.3X
RKG 70.29 160 eP 33 48.50 -0.6
DCN 70.58 321 iPc 33 53.70 3.0X
1.4s 475.00nm 6.4mb
ESEL 70.58 305 eP 33 50.72 -0.3
ECP 70.64 320 eP 33 54.40 3.3X
ECB 70.78 320 eP 33 53.60 1.6
1.6s 737.00nm 6.6mb
EPF 70.84 309 eP 33 51.30 -1.3
1.6s 110.70nm 5.7mb
ENSF 70.94 309 P 33 56.54 3.2X
SVW 71.14 29 ePd 33 55.00 0.9
0.9s 65.30nm 5.8mb
BTH 71.15 309 Pc 33 53.50 -0.9
i 33 56.00
i 34 32.00
e 36 45.00
EGRA 71.65 309 eP 33 57.11 -0.3
COL 71.79 23 iPd 33 57.76 -0.1
1.0s 67.42nm 5.7mb
epPc 34 00.83 10kmX
FBA 71.79 23 ePd 33 57.80 -0.1
0.7s 48.70nm 5.7mb
ELIZ 71.99 310 eP 33 59.02 -0.5
SDN 72.06 35 eP 33 58.30 -1.2
0.9s 32.90nm 5.4mb
CP2 72.39 28 eP 34 01.64 -0.1
CTAO 72.58 129 ePd 34 03.01 -0.2
epPc 34 05.66 9kmX
esP 34 07.23
VAL 72.84 321 iP 34 05.60 1.3
1.0s 3.50nm 4.4mb X
S 45 35.00
RES 72.87 2 eP 34 05.00 1.0
1.5s 68.00nm 5.5mb
ECRI 72.89 310 eP 34 06.13 1.3
AUP 73.03 30 (P) 34 07.13 1.7
ECHE 73.31 306 eP 34 07.69 0.4
PMR 73.39 26 eP 34 07.20 -0.1
1.2s 152.20nm 5.9mb
Z 18s 3.60um 5.7Msz
ETOR 73.45 308 P 34 10.68 2.5X
INK 73.50 17 eP 34 08.00 0.2
1.2s 37.00nm 5.3mb
SLKM 73.64 28 ePd 34 07.85 -1.0
KDC 74.38 31 ePc 34 13.50 0.4
1.1s 281.90nm 6.2mb
KLU 74.63 25 ePd 34 14.87 0.2
EVIA 74.81 306 eP 34 17.12 1.0
BCAO 75.10 266 iPd 34 16.50 -1.6
0.8s 42.00nm 5.5mb
i 37 07.50
EHUE 75.28 306 eP 34 19.54 0.7
ENIJ 75.43 305 eP 34 20.29 0.7
EMON 75.55 312 eP 34 20.59 0.4
PAB 75.61 308 eP 34 19.80 -0.8
iS 44 02.00

29d 18h

HNR 75.64 111 eP 34 20.27 -0.7
epPc 34 23.58 11kmX
GDH 75.67 349 ePc 34 18.50 -1.8
1.0s 40.00nm 5.4mb
e 37 15.00
e 44 30.00
EBAN 75.92 306 eP 34 23.22 0.8
ERUA 75.97 311 eP 34 23.14 0.6
BALM 76.22 25 ePd 34 24.02 0.3
ECOG 76.22 305 eP 34 23.29 -0.9
EGUA 76.44 305 eP 34 22.63 -2.7X
EPLA 76.49 309 eP 34 24.92 -0.6
ERON 76.52 305 eP 34 24.61 -1.3
MVO 76.53 310 P 34 28.20 2.4
ELUQ 76.56 306 eP 34 26.23 0.2
STS 76.59 312 eP 34 27.84 1.8
1.5s 0.15nm 2.9mb X
ELOJ 76.69 306 P 34 28.55 1.8
EZAM 77.08 312 eP 34 30.40 1.7
EHOR 77.09 307 eP 34 28.90 0.0
MTE 77.26 310 iP 34 33.20 3.3X
EPRU 77.52 306 eP 34 31.45 0.1
PTO 77.56 311 ePKP 34 34.80 3.5X
EJIF 77.95 306 eP 34 34.29 0.6
MOE 78.80 309 eP 34 41.10 2.8
IFR 79.25 303 iPd 34 42.00 0.9
ADE 79.37 144 iPd 34 41.80 0.5
AVE 80.98 304 eP 34 46.00 -4.1X
i 34 53.00
SIT 81.61 25 eP 34 54.83 2.0
1.4s 87.72nm 5.6mb
Z 18s 0.58um 5.0Msz
TIO 82.17 302 iP 34 58.00 1.5
YKA 82.58 13 P 34 57.50 -0.3
1.5s 47.90nm 5.4mb
FRB 82.98 352 eP 35 00.50 0.7
1.0s 48.00nm 5.6mb
ARMA 83.27 133 iPc 35 04.20 2.2X
BFT 83.83 234 eP 35 04.00 -1.1
1.0s 200.00nm 6.3mb
BWA 84.18 137 e(P) 35 11.10 4.7X
TOO 84.87 141 iPd 35 10.20 0.5
1.0s 61.00nm 5.8mb
SLR 85.08 235 eP 35 08.30 -2.9X
1.0s 170.00nm 6.2mb
Z 18s 6.77um 6.1Msz
CAN 85.15 138 eP 35 11.70 0.5
i 35 29.40
CNB 85.36 137 iPc 35 12.80 0.5
1.0s 60.00nm 5.8mb
KSR 86.13 236 eP 35 17.00 0.5
1.0s 270.00nm 6.4mb
SEK 87.17 234 iPc 35 21.90 0.4
1.2s 100.00nm 5.9mb
CRZF 87.22 207 eP 35 22.00 0.9
iS 47 25.00
DZM 88.17 118 iPc 35 28.00 1.7
BLF 88.64 234 eP 35 27.60 -0.9
1.5s 80.00nm 5.8mb
BOSA 88.87 235 iPd 35 30.30 0.9
FRS 89.63 234 eP 35 30.00 -3.0X
TBT 90.99 305 ePd 35 40.58 1.1
WIN 91.33 244 eP 35 33.00 -8.2X
1.5s 80.00nm 5.8mb
FFC 92.02 9 ePd 35 43.27 -0.6
epPc 35 46.50 10kmX
LKO 92.63 283 PKP 35 47.55 0.3
1.4s 87.50nm 6.0mb
MCW 92.79 23 (P) 35 46.91 -0.6
HON 93.09 62 P 36 00.00 10.8X
Z 22s 1.01um 5.2Msz
JAQ 93.50 354 eP 35 50.00 -0.6
KIC 93.66 280 PKP 35 51.74 -0.2
1.0s 73.00nm 6.0mb
TIC 93.74 280 PKP 35 52.04 -0.3
1.3s 97.00nm 6.0mb
GMW 93.79 24 eP 35 54.46 2.4X
LIC 93.97 280 PKP 35 53.02 -0.4
1.1s 72.50nm 5.9mb
Z 20s 1.13um 5.3Msz
RMW 94.19 23 eP 35 56.07 2.0
BMW 94.56 25 (P) 35 57.91 2.2
LON 94.81 24 eP 35 57.60 0.7
NEW 94.94 20 ePd 35 58.15 0.7
1.4s 30.70nm 5.5mb
Z 19s 3.11um 5.8Msz
epPc 36 01.04 9kmX

DPW 94.97 21 eP 35 58.83 1.2
MSVF 95.12 108 eP 35 59.15 0.7
SHW 95.15 24 (P) 36 01.39 2.8X
ULM 97.11 6 eP 36 11.00 3.8X
YBH 98.83 27 ePd 36 19.62 4.4X
Z 20s 0.90um 5.3Msz
ePPc 40 18.62
ePPPc 42 27.62
eSKS 46 53.62
iS 47 53.62
ePS 49 38.62
eSS 54 47.62
eSSS 00 12.62
eLQ 02 40.62
eLR 07 13.62
ARC 99.04 28 ePd 36 22.42 6.4X
Z 19s 1.10um 5.4Msz
ePPc 40 19.42
eLR 08 21.42
CBM 99.18 347 P 36 30.00 13.4X
Z 21s 2.37um 5.7Msz
WDC 99.89 27 ePd 36 24.11 4.1X
Z 21s 1.40um 5.4Msz
ePPd 40 06.11
ePPP 42 38.11
eSKS 47 06.11
iS 48 06.11
eSPc 49 32.11
ePS 49 39.11
eSS 54 54.11
eSSS 58 46.11
eLQ 03 05.11
eLR 08 57.11
MIN 100.45 27 ePdiff36 23.73 1.2
Z 19s 0.80um 5.2Msz
iPPd 40 34.73
eLR 09 29.73
ORV 101.18 27 ePdiff36 30.36 4.8X
Z 20s 0.90um 5.3Msz
ePPc 40 30.36
eSKS 47 07.35
eS 48 03.35
eSPc 49 45.35
ePS 49 52.35
eSS 55 02.35
eSSS 00 16.35
eLQ 03 47.35
eLR 08 54.35
RSSD 101.99 13 (Pdiff36 26.93 -2.4
1.2s 12.53nm 5.4mb
BKS 102.34 28 ePdiff36 34.37 3.6X
Z 20s 1.10um 5.4Msz
ePPc 40 48.37
ePPPc 43 01.37
iSKS 47 21.37
eS 48 24.37
eSPc 49 46.37
ec 54 02.37
eSS 55 29.37
eSSS 00 34.37
eLQ 05 06.37
eLR 09 18.37
LBNH 102.44 349 Pdiff 36 40.00 8.9X
Z 19s 2.22um 5.7Msz
RSNY 102.50 351 ePdiff36 34.13 2.8X
1.5s 38.68nm 5.9mb
CMB 102.93 27 ePdiff36 38.30 4.8X
Z 20s 1.40um 5.5Msz
ePPc 40 51.30
eSKS 47 19.30
eS 48 24.30
eSP 49 53.30
ePS 50 02.30
eSS 55 24.30
eSSS 00 43.30
eLQ 06 22.30
eLR 12 00.30
MHC 103.04 28 ePdiff36 39.19 5.1X
Z 20s 0.80um 5.2Msz
ePPc 40 52.19
eS 48 34.19
eSS 55 44.19
eLQ 06 13.19
eLR 10 06.19
DUG 103.56 21 ePdiff36 38.50 2.1X
0.9s 2.35nm 5.0mb
Z 19s 1.18um 5.4Msz

SAO 103.61 28 ePdiff36 40.78 4.3X
Z 19s 1.00um 5.4Msz
ePPd 40 47.78
ePPP 43 20.78
eSKS 47 22.78
eS 48 37.78
eSP 49 58.78
ePS 50 15.78
eSS 55 52.78
eSSS 00 38.78
eLQ 06 05.78
eLR 10 06.78
HRV 104.07 349 Pdiff 36 50.00 11.6X
Z 20s 1.69um 5.6Msz
JFWS 104.80 3 Pdiff 36 50.00 8.4X
Z 18s 2.28um 5.7Msz
YSNY 104.98 354 Pdiff 36 50.00 7.5X
Z 21s 1.71um 5.6Msz
BINY 105.00 352 Pdiff 36 50.00 7.5X
Z 20s 1.46um 5.5Msz
ISA 105.74 27 PKP 41 10.00 10.9X
Z 19s 1.21um 5.5Msz
GLD 105.95 15 PKP 41 10.00 10.5X
Z 22s 1.43um 5.5Msz
MCWV 107.89 355 PKP 41 10.00 7.1X
Z 19s 2.11um 5.7Msz
SLM 109.07 3 PKP 41 10.00 4.8X
Z 19s 1.81um 5.7Msz
FVM 109.71 3 PKP 41 20.00 13.6X
Z 19s 3.44um 5.9Msz
ALQ 110.24 18 PKP 41 20.00 12.2X
Z 19s 1.43um 5.6Msz
TUC 111.46 22 ePKP 41 11.60 1.6
Z 19s 0.99um 5.4Msz
WMOK 112.04 11 PKP 41 20.00 9.0X
Z 19s 2.58um 5.8Msz
MYNC 112.68 358 PKP 41 20.00 7.8X
Z 19s 2.07um 5.7Msz
MIAR 112.90 6 PKP 41 20.00 7.5X
Z 20s 2.58um 5.8Msz
GOGA 114.32 357 PKP 41 30.00 14.6X
Z 21s 1.28um 5.5Msz
LTX 116.28 17 (PKP) 41 16.93 -2.4X
SNA 122.27 203 iPKPc 41 33.50 4.2X
0.5s 42.00nm
SPA 122.39 180 iPKPd 41 29.10 -0.7
0.8s 21.25nm
ITR 129.84 287 ePKP 41 47.30 1.7X
e 41 48.50
e 45 12.80
BAO 141.41 287 (PKP) 42 02.00 -5.3X
BDFB 141.43 287 ePKP 42 03.67 -3.7X
VAO 144.07 275 ePKP 42 13.40 1.7
RSTA 146.45 274 ePKP 42 16.90 1.3
e 42 19.60
SIV 151.79 300 PKP 42 26.60 2.5X
CCH 156.32 305 ePKP 42 33.00 2.3X
LPAZ 156.88 310 ePKP 42 31.22 -0.6X
epP'df42 34.53
LPB 157.04 310 PKP 42 35.30 3.6X
NNA 157.74 335 ePKP 42 35.40 3.3X
NNA 157.74 335 ePKPd 42 31.65 -0.5X
MOCB 158.42 296 PKP 42 34.90 1.6
MDZ 165.28 264 ePKP 42 42.80 3.5X
S.D. = 1.0 on 386 of 469 obs.

% JUN 29, 1994 18h 23m 12.51± 0.65s
26.909 S ± 7.2km 26.730 E ± 6.6km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.2 (PRE).

BFS 0.05 78 iPc 23 13.70 -0.4
S 23 13.90
KSR 1.05 8 eP 23 33.00 0.1
S 23 48.00
SWZ 1.28 257 eP 23 36.50 -0.3
S 23 54.60
SEK 1.62 151 eP 23 41.90 0.0
S 24 01.80
SLR 1.82 50 eP 23 45.00 0.2
S 24 08.10
BOSA 2.06 214 eP 23 48.50 0.4
S 24 14.50
S.D. = 0.4 on 6 of 6 obs.

& JUN 29, 1994 20h 28m 22.37s

37.450 N 118.543 W
DEPTH = 4.5km
CALIFORNIA-NEVADA BORDER REGION (40)
<GM-P>. MD 2.6 (GM). ML 2.8
(GS).

MTUM 0.10 190 ePd 28 24.50 -0.1
MRCM 0.22 7 eP 28 27.01 0.0
MEMM 0.38 305 eP 28 29.18 -0.9
MMPM 0.42 293 eP 28 30.13 -0.7
BONR 0.54 21 eP 28 32.63 -0.6
TNP 1.23 59 eP 28 45.77 -0.1
CMB 1.57 292 eP 28 50.96 -0.1
KVN 1.64 12 eP 28 52.83 0.7
PHAM 2.20 223 (P) 29 00.03 -0.1
ARN 2.38 268 eP 29 02.93 0.1
BCH 2.58 209 eP 29 06.28 0.6
11 obs. associated

? JUN 29, 1994 21h 03m 32.15± 7.98s
43.159 N ±33.6km 12.094 E ±62.3km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
ML 2.8 (LDG).

PGF 2.36 256 Pn 04 11.70 0.1
SBF 3.46 283 Pn 04 27.70 0.5
FRF 3.99 278 Pn 04 34.20 -0.5
Sn 05 28.00
LMR 4.08 274 Pn 04 35.60 -0.4
LRG 4.19 276 Pn 04 37.80 0.3
Sn 05 31.00
CDF 6.24 329 Pn 05 06.50 0.0
S.D. = 0.5 on 6 of 6 obs.

& JUN 29, 1994 21h 16m 29.31s
60.293 N 152.494 W
DEPTH = 102.6km
SOUTHERN ALASKA (2)
<AEIC>.

RED 0.19 313 eP 16 43.36 0.9
eS 16 55.11
RSO 0.21 323 eP 16 43.68 1.0
RS2 0.21 323 eP 16 43.71 1.0
REF 0.22 332 eP 16 43.69 1.0
eS 16 55.42
RDT 0.29 9 iP 16 43.83 -0.6
eS 16 56.16
DFR 0.31 342 iP 16 43.80 -0.8
INE 0.37 231 eP 16 44.15 -0.8
eS 16 56.54
NNL 0.65 112 eP 16 46.97 0.2
OPT 0.74 210 eP 16 46.95 -0.7
eS 17 00.60
HOM 0.77 146 eP 16 47.64 -0.2
NKA 0.77 53 eP 16 49.11 1.3
BKG 0.79 8 iP 16 47.37 -0.8
CKL 0.91 5 eP 16 48.60 -0.8
SPU 0.92 13 eP 16 48.61 -0.8
eS 17 04.12
CKT 0.92 9 eP 16 48.63 -0.8
XLV 0.93 155 eP 16 48.66 -0.8
CKN 0.95 9 eP 16 49.19 -0.5
BRLK 0.97 123 eP 16 49.27 -0.6
eS 17 05.02
BGL 0.98 3 eP 16 49.46 -0.6
CP2 0.98 7 eP 16 49.16 -1.1
CRP 0.99 9 eP 16 49.69 -0.6
eS 17 05.62
PDB 0.99 240 eP 16 48.94 -1.2
eS 17 04.46
CNPM 1.00 140 eP 16 49.52 -0.7
eS 17 05.91
AUL 1.03 208 eP 16 49.78 -0.8
AUE 1.04 206 eP 16 49.61 -1.0
AUP 1.04 207 eP 16 49.46 -1.3
AUH 1.05 208 eP 16 49.96 -0.9
AUI 1.07 207 eP 16 50.61 -0.4
eS 17 07.28
SLKM 1.15 78 eP 16 51.01 -0.9
MCNL 1.45 221 eP 16 54.00 -1.5
eS 17 14.07
SUA 1.45 35 eP 16 55.15 -0.5
eS 17 15.45
CDD 1.49 204 eP 16 54.43 -1.5
SEW 1.53 96 eP 16 55.16 -1.3
MPA 1.57 81 eP 16 55.78 -1.1
BGM 1.65 238 eP 16 57.14 -0.9
SYI 1.69 178 eP 16 57.26 -1.2
PMS 1.73 55 P 16 58.20 -0.8
SVW 1.74 299 eP 16 56.48 -2.7
SKT 1.76 15 eP 16 57.98 -1.4
PTE 1.81 70 eP 16 58.44 -1.5
PWA 1.87 42 P 17 01.00 0.3
PLRM 2.10 50 eP 17 03.68 0.0
PMR 2.10 50 (P) 17 02.55 -1.2
KNK 2.27 59 eP 17 04.25 -1.9
GHO 2.28 48 eP 17 04.88 -1.5
CUT 2.37 26 eP 17 07.04 -0.4
SML 2.53 51 eP 17 07.50 -2.1
KDC 2.55 180 (P) 17 05.73 -4.1
SCM 2.95 56 eP 17 13.20 -2.1
HIN 2.98 85 eP 17 12.55 -3.1
VLZ 3.14 72 eP 17 15.06 -2.7
MID 3.22 103 P 17 18.30 -0.6
TRF 3.34 17 eP 17 19.91 -0.7
CVA 3.35 83 eP 17 19.28 -1.4
KLU 3.43 67 eP 17 19.10 -2.7
TOA 3.56 57 P 17 21.70 -1.9
56 obs. associated

% JUN 29, 1994 21h 47m 40.76± 0.76s
37.037 N ± 8.5km 4.972 W ± 5.2km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 2.3 (MDD).

EPRU 0.22 251 eP 47 45.52 0.0
eS 47 48.80
ELOJ 0.66 80 eP 47 53.00 -1.0
eS 48 03.10
ELUQ 0.77 47 eP 47 55.63 -0.2
eS 48 05.70
EHOR 0.82 344 eP 47 56.33 -0.2
eS 48 07.90
ERON 0.93 91 eP 47 58.38 -0.3
eS 48 12.00
EGUA 1.14 100 eP 48 02.62 0.4
eS 48 18.60
ECOG 1.15 78 eP 48 02.93 0.6
eS 48 18.60
EBAN 1.47 40 eP 48 07.92 0.6
eS 48 27.30
S.D. = 0.7 on 8 of 8 obs.

% JUN 29, 1994 21h 49m 46.90± 0.81s
39.206 N ± 6.9km 29.092 E ± 9.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).

ALT 0.81 100 ePg 50 02.70 0.1
eSg 50 12.70
KHL 0.94 159 iPg 50 05.00 0.0
eSg 50 18.00
IZI 1.17 14 iPn 50 08.80 0.1
KCT 1.19 332 iPn 50 09.80 0.8
YLV 1.38 9 ePn 50 11.80 -0.4
EDC 1.48 321 ePn 50 13.00 -0.6
ISK 1.86 359 ePn 50 19.00 0.0
S.D. = 0.5 on 7 of 7 obs.

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* JUN 29, 1994 22h 09m 04.16± 0.66s
11.259 S ±10.3km 113.103 E ±17.1km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
SOUTH OF JAWA, INDONESIA (282)

LEM 6.98 309 ePd 10 47.40 0.5
NANU 11.48 169 eP 11 50.00 1.2
eS 13 54.00
MBL 11.77 148 eP 11 51.70 -1.2
0.3s 21.00nm 5.8mb X
eS 13 53.00
WARB 19.59 141 eP 13 38.00 5.3X
eS 17 04.00
IPM 19.80 322 ePc 13 34.10 -0.8
0.6s 26.90nm 4.7mb
PPR 21.63 15 ePd 13 55.00 1.3
WB2 22.19 115 eP 14 06.50 7.2X
0.8s 14.40nm 4.5mb
NST 29.68 334 eP 15 10.00 0.6
BDT 31.56 334 eP 15 25.00 -1.0
CHTO 32.98 335 eP 15 41.70 3.3X
GBA 43.15 304 P 17 08.00 4.4X
LZH 47.89 350 eP 17 41.00 -0.4
1.5s 27.00nm 5.1mb
E 15s 0.49um
sP 17 52.00
BJI 51.12 3 eP 18 05.50 -0.2
Z 24s 0.52um 4.5MszX
ITR 145.39 236 ePKP 28 51.10 9.7X
MOCB 147.67 182 PKP 28 54.70 9.2X
S.D. = 1.1 on 9 of 15 obs.

JUN 29, 1994 22h 59m 38.88± 1.38s
7.486 S ± 5.7km 128.607 E ± 8.5km
DEPTH = 132.0 ± 13.6 km
5.1mb (10 obs.)
BANDA SEA (280)

KNA 8.21 179 eP 01 34.50 -2.1
0.3s 225.00nm 6.4mb X
eS 03 00.00
MKS 9.36 283 iPc 02 01.70 9.8X
WB2 13.58 156 iPd 02 43.10 -4.2X
0.3s 177.90nm 5.9mb
iS 05 04.10
DAV 14.79 348 eP 02 57.00 -5.7X
BIP 15.78 351 eP 03 16.50 1.3
MBL 16.02 211 eP 03 17.50 -0.6
0.4s 48.00nm 5.1mb
eS 06 03.00
KKM 18.26 317 ePd 03 48.50 3.3X
1.6s 195.10nm 5.2mb
MAP 18.28 345 eP 03 48.50 3.2X
PMG 18.45 97 eP 03 49.00 1.9
WARB 18.69 186 iPc 03 50.00 0.3
NANU 19.58 219 iPc 03 59.50 0.6
eS 07 35.00
LEM 20.84 270 ePc 04 12.50 0.5
PGP 22.19 340 eP 04 27.00 1.8
BCP 25.03 342 eP 04 52.00 -0.6
ADE 28.88 163 iPc 05 27.20 -0.1
IPM 30.02 293 ePc 05 38.20 0.7
BWA 32.43 149 iPc 05 59.80 1.3
i 06 34.00
i 06 47.60
CAN 33.43 149 iPc 06 07.40 0.3
e 06 39.20
i 06 51.90
i 06 55.40
BDT 38.21 310 eP 06 47.00 -0.6
DZM 39.22 116 iPc 06 55.90 -0.2
CHTO 39.22 312 eP 06 56.50 0.5
e 07 30.30
KMI 41.05 323 ePd 07 12.40 1.2
1.2s 40.00nm 5.0mb
MAT 44.71 11 iPc 07 38.40 -2.1
BJI 48.66 347 eP 08 10.00 -1.3
1.5s 14.00nm 4.5mb
LZH 49.20 333 iPd 08 15.70 -0.1
1.5s 146.00nm 5.6mb
pP 08 34.00 73kmX
sP 08 43.00
NDI 61.19 308 eP 09 39.60 -2.5X
ZAK 61.68 342 eP 09 45.00 0.1
1.8s 38.00nm 5.1mb
e 10 19.50
BOD 66.16 352 eP 10 13.20 -0.8
YAK 69.30 1 eP 10 32.30 -1.0
0.8s 63.00nm 5.5mb
MAW 74.00 201 eP 11 02.00 0.7
MAIO 77.92 309 eP 11 25.00 1.0
SPA 82.56 180 iPc 11 47.90 -0.3
0.7s 7.03nm 4.6mb
ILT 83.82 18 iPc 11 53.00 -1.3
1.2s 19.00nm 4.8mb
SVE 84.46 329 eP 11 57.00 -0.7
GEC2 111.90 320 PKP 17 59.10 -0.9
0.6s 0.77nm
e 18 53.50
e 19 01.30
LBF 118.69 320 ePKP 18 12.10 -0.9
0.4s 0.95nm
SSF 118.96 320 ePKP 18 12.80 -0.7
0.5s 1.45nm
AVF 119.16 320 ePKP 18 14.60 0.8
0.6s 2.00nm
BGF 119.57 320 ePKP 18 14.10 -0.5

29d 23h

0.6s 3.70nm
RSTA 147.98 184 ePKP 19 11.40 3.8X
NNA 148.15 127 iPKPc 19 12.00 3.8X
1.0s 25.00nm
MOCB 148.20 154 PKP 19 09.90 1.2
VAO 149.39 188 ePKP 19 14.70 4.7X
LPB 150.97 145 PKP 19 20.20 7.3X
LPAZ 151.15 145 PKPc 19 14.10 0.6
CCH 151.31 150 PKP 19 21.00 7.7X
S.D. = 1.1 on 35 of 46 obs.

JUN 29, 1994 23h 03m 32.82± 0.74s
79.490 N ± 8.6km 3.644 E ± 7.1km
DEPTH = 10.0km (geophysicist)
4.3mb (18 obs.)
GREENLAND SEA (640)
KBS 1.66 106 eP 04 01.20 -0.9
eSg 04 19.50
SPAO 2.80 112 ePn 04 17.97 -0.5
BJO 6.08 137 eP 05 03.75 -1.1
eS 06 10.09
JNW 9.01 206 eP 05 44.23 -1.5
JNE 9.04 206 eP 05 44.91 -1.2
JMI 9.13 206 eP 05 45.83 -1.6
ARAO 11.44 139 ePn 06 16.98 -2.1
APAO 14.23 130 ePn 06 52.12 -4.0X
NB2 18.68 168 P 07 52.40 -0.3
0.9s 3.60nm 3.6mb
KAF 18.70 146 eP 07 52.80 0.1
0.6s 3.10nm 3.7mb
FIAO 19.33 146 eP 08 00.32 -0.1
HFS 19.69 165 eP 08 04.90 0.2
0.5s 1.30nm 3.5mb
RES 19.88 309 eP 08 02.50 -3.9X
NUR 20.11 149 iP 08 09.50 0.6
0.7s 8.50nm 4.2mb
MBC 21.49 327 eP 08 22.00 -1.0
1.0s 3.00nm 3.6mb
FRB 25.12 274 eP 09 05.00 6.4X
1.0s 6.00nm 4.2mb
MOX 29.10 170 eP 09 37.00 1.9
GEC2 30.98 167 P 09 53.70 1.8
1.4s 4.58nm 4.2mb
PP 12 37.10
HAU 31.62 177 eP 09 57.80 0.3
0.7s 2.75nm 4.3mb
ZST 31.79 163 eP 10 00.80 1.9
LOR 32.35 180 eP 10 03.50 -0.3
1.0s 3.20nm 4.2mb
SSF 32.55 180 eP 10 05.40 -0.2
0.9s 4.40nm 4.4mb
LBF 32.63 180 eP 10 07.00 0.7
1.2s 8.05nm 4.5mb
AVF 32.82 180 eP 10 07.90 0.0
1.1s 7.55nm 4.5mb
BGF 33.06 181 eP 10 10.10 0.1
1.1s 11.00nm 4.7mb
TCF 33.33 182 eP 10 12.20 -0.2
1.2s 9.20nm 4.6mb
MAF 33.39 181 eP 10 12.90 0.0
1.2s 6.55nm 4.4mb
LPL 34.12 176 eP 10 20.40 0.9
LPG 34.14 176 eP 10 20.90 1.2
0.8s 2.95nm 4.3mb
SBF 35.78 175 eP 10 34.30 0.8
0.9s 11.95nm 4.8mb
EPF 36.60 184 eP 10 40.70 0.3
LZH 56.63 73 Pc 13 18.00 0.0
1.5s 40.00nm 5.2mb
S.D. = 1.0 on 29 of 32 obs.

? JUN 29, 1994 23h 19m 52.55± 5.60s
32.370 S ±36.4km 71.730 W ±24.5km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.9 (SAN).
ROCH 0.85 135 iPd 20 09.16 0.0
iS 20 21.53
JACH 1.01 108 iP+ 20 11.62 -0.1
iS 20 25.84
LCCH 1.11 173 iP 20 12.93 -0.4
iS 20 28.38
PEL 1.17 132 iP+ 20 14.40 -0.1
iS 20 30.54
TACH 1.44 153 iP 20 18.52 -0.2
iS 20 37.75
FCH 1.54 129 eP 20 20.04 -0.4
iS 20 41.81
LNV 1.60 170 iP+ 20 20.78 -0.2
iS 20 42.77
PCH 1.61 141 iP 20 21.42 0.2
iS 20 43.65
CHCH 1.80 150 iP+ 20 24.46 0.5
iS 20 48.85
CACH 1.98 152 iP+ 20 27.76 1.1
iS 20 54.47
MDZ 2.48 103 eP 21 14.30 40.6X
S.D. = 0.5 on 10 of 11 obs.

? JUN 29, 1994 23h 49m 06.91± 5.21s
39.797 N ±10.3km 31.058 E ±44.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.8 (ISK).
ALT 1.04 225 ePg 49 26.70 0.0
iSg 49 37.70
IZI 1.33 294 iPg 49 31.70 0.2
eSg 49 46.70
HRT 1.48 314 ePn 49 33.70 0.1
YLV 1.50 301 ePn 49 33.80 -0.2
KCT 2.12 283 ePn 49 42.80 -0.1
S.D. = 0.2 on 5 of 5 obs.

JUN 30, 1994 00h 43m 10.76± 0.17s
85.569 N ± 3.4km 88.491 E ± 2.8km
DEPTH = 10.0km (geophysicist)
5.0mb (88 obs.) 4.5Msz (4 obs.)
NORTH OF SEVERNAYA ZEMLYA (651)
MBC 17.91 21 eP 47 24.00 3.1X
1.0s 20.00nm 4.2mb
RES 19.87 3 eP 47 45.00 0.8
1.4s 33.00nm 4.5mb
SDF 20.98 252 iP 47 53.80 -2.1
BRW 21.06 55 eP 47 58.09 1.5
ILT 22.87 77 iPc 48 16.60 1.9
2.4s 608.00nm 5.7mb
i 48 56.00
e 52 06.00
GDH 24.54 328 eP 48 35.00 4.1X
e 53 10.00
e 56 10.00
YAK 24.95 133 iPc 48 35.30 0.4
1.0s 151.00nm 5.6mb
INK 25.31 36 eP 48 39.00 0.8
1.4s 154.00nm 5.5mb
pP 48 46.00 25kmX
KAF 26.24 250 iP 48 45.60 -1.4
0.8s 17.70nm 4.8mb
IMA 26.44 54 (P) 48 48.74 -0.2
1.2s 13.33nm 4.5mb
NUR 27.95 251 iP 49 01.30 -1.3
0.6s 8.60nm 4.7mb
FBA 27.96 49 eP 49 04.31 1.7
1.2s 3.57nm 4.0mb
BOD 28.36 151 eP 49 04.10 -2.2
1.7s 47.00nm 5.0mb
NB2 28.45 265 P 49 06.50 -0.6
1.1s 26.70nm 4.9mb
UPP 29.12 258 eP 49 11.00 -2.1
HFS 29.15 263 eP 49 12.70 -0.7
0.5s 1.40nm 4.0mb X
TTA 29.40 57 e(P) 49 20.20 4.4X
1.3s 4.90nm 4.2mb
SVE 29.49 211 iPd 49 15.30 -1.2
2.0s 80.00nm 5.2mb
Z 20s 1.00um 4.4Msz
N 20s 0.70um
E 20s 0.40um
eS 54 16.00
ARU 29.98 214 eP 49 19.50 -1.4
Z 20s 1.00um 4.5Msz
N 20s 0.50um
E 18s 0.50um
e 49 26.00
e 50 15.00
FRB 30.56 340 eP 49 25.50 -0.4
1.0s 6.00nm 4.4mb
PWA 31.06 52 eP 49 30.30 0.0
0.9s 14.50nm 4.9mb
SVW 31.24 57 eP 49 32.74 0.7
1.3s 69.06nm 5.4mb
YKA 31.81 20 P 49 35.70 -1.2
1.2s 11.80nm 4.7mb
OBN 32.49 237 iPc 49 42.00 -0.9
1.2s 75.00nm 5.5mb
i 49 49.40
e 55 04.00
e 57 20.00
BRVK 32.92 200 iPd 49 49.00 2.4
IRK 33.64 162 eP 49 50.50 -2.5
1.0s 44.00nm 5.3mb
e 51 06.50
CIT 34.19 152 eP 49 57.50 -0.3
MNK 34.31 247 eP 49 53.00 -5.7X
ZAK 35.51 164 eP 50 09.20 0.3
1.8s 34.00nm 4.9mb
DLF 37.51 281 eP 50 25.90 0.2
1.2s 85.00nm 5.4mb
DCN 37.52 282 eP 50 26.10 0.3
1.2s 119.00nm 5.5mb
WTS 37.77 267 eP 50 28.50 0.6
0.6s 14.10nm 4.9mb
e 50 36.00
CLL 37.97 261 iPd 50 29.30 -0.4
1.5s 51.00nm 5.1mb
i 50 36.60
BRG 38.33 260 iP 50 32.70 0.0
1.3s 44.00nm 5.0mb
Z 19s 1.00um 4.6Msz
N 19s 0.80um
E 19s 0.80um
ECB 38.45 281 eP 50 34.00 0.3
ECP 38.60 280 eP 50 31.00 -4.0X
MOX 38.73 262 iPd 50 36.60 0.5
1.4s 71.00nm 5.2mb
e 52 08.00
e 56 48.00
OKC 39.04 255 P 50 38.80 0.1
e 50 54.00
ENN 39.06 268 eP 50 39.00 0.2
1.0s 20.00nm 4.7mb
e 50 46.50
UCC 39.15 270 P 50 41.00 1.5
PRU 39.16 259 iPd 50 39.80 0.1
1.7s 45.30nm 4.9mb
e 50 55.80
e 56 52.00
TNS 39.40 265 ePd 50 42.10 0.3
SNF 39.44 270 P 50 42.60 0.7
GRF 39.71 262 iPd 50 44.90 0.6
1.2s 67.70nm 5.2mb
Z 27s 0.20um 3.8MszX
e(pP) 50 53.60 29kmX
DOU 39.83 269 P 50 45.60 0.4
UZH 39.93 251 ePd 50 46.50 0.5
Z 17s 2.00um 5.0MszX
e 52 19.10
KHC 40.09 260 Pd 50 48.40 1.0
1.1s 16.70nm 4.6mb
e 51 04.00
e 51 09.00
e 51 17.00
e 51 26.00
WET 40.13 261 iPc 50 49.00 1.2
WLF 40.13 268 iPc 50 46.77 -0.9
GEC2 40.36 260 P 50 50.10 0.3
1.5s 28.27nm 4.7mb
e 50 57.90
e 51 00.80
e 51 04.80
e 52 27.60
e 52 38.60
e 52 45.90
YSS 40.70 122 eP 50 53.00 0.7
HOFF 40.71 266 P 50 53.24 0.8
VKA 40.74 257 eP 50 53.00 0.2
2.0s 149.00nm 5.4mb
ZST 40.75 256 iP 50 53.70 0.9
i 51 06.90
SRO 41.04 255 eP 50 55.60 0.4
KIS 41.07 244 eP 50 54.50 -0.9
0.9s 90.00nm 5.5mb
e 52 35.00
eS 57 10.00
FUR 41.23 262 eP 50 57.60 0.9
WLS 41.28 266 P 50 57.90 0.6
CDF 41.29 266 iPd 50 57.80 0.4

1.2s 58.00nm 5.2mb
ECH 41.50 266 P 50 59.39 0.4
LIBD 41.53 266 P 51 00.28 1.1
FLN 41.55 274 iPd 50 58.50 -0.8
1.3s 23.85nm 4.8mb
Z 24s 0.10um 3.6MszX
LDF 41.69 274 iPd 50 59.70 -0.8
1.1s 19.80nm 4.8mb
FEL 41.77 265 P 51 01.54 0.2
HAU 41.77 267 iPd 51 01.70 0.5
1.1s 69.35nm 5.3mb
Z 23s 0.15um 3.8MszX
SLE 41.84 265 ePc 51 02.40 0.6
MOF 41.86 266 P 51 02.67 0.6
BSF 41.91 267 iPd 51 02.50 0.1
1.0s 30.80nm 5.0mb
GRR 41.95 274 iPd 51 01.90 -0.7
1.0s 20.60nm 4.8mb
WATA 42.03 262 iPd 51 03.90 0.4
MOTA 42.06 262 i(P) 51 04.40 0.7
1.1s 15.80nm 4.7mb
WTTA 42.10 262 iPd 51 04.60 0.5
1.3s 31.30nm 4.9mb
i 51 27.10
ZLA 42.13 265 eP+ 51 04.80 0.6
KBA 42.15 260 iPd 51 05.50 1.0
1.0s 29.10nm 5.0mb
SQTA 42.17 262 i(P) 51 05.50 0.9
BBS 42.22 266 P 51 05.31 0.4
LPF 42.32 274 iPd 51 05.30 -0.3
1.0s 19.60nm 4.8mb
LOMF 42.38 266 P 51 06.54 0.2
OGA 42.54 262 iPc 51 09.40 1.7
1.2s 23.00nm 4.8mb
ANN 42.63 235 eP 51 08.00 -0.2
1.1s 50.00nm 5.2mb
e 52 45.00
APL 42.67 265 eP+ 51 09.50 0.9
LOR 42.69 269 iPd 51 08.40 -0.4
1.3s 35.00nm 4.9mb
Z 23s 0.22um 4.0MszX
HYF 42.79 271 iPd 51 09.70 0.2
SSF 42.93 270 iPd 51 10.40 -0.3
0.8s 13.70nm 4.7mb
LBF 42.97 269 iPd 51 10.70 -0.3
1.2s 43.15nm 5.1mb
LJU 43.09 259 eP 51 12.40 0.4
e 51 28.50
e 51 34.00
PYA 43.12 229 iP 51 12.50 0.2
i 52 50.00
PTJ 43.12 257 eP 51 12.40 0.0
VOY 43.15 259 eP 51 12.40 -0.2
e 51 21.30
AVF 43.21 270 iPd 51 12.60 -0.3
1.4s 42.25nm 5.0mb
KIV 43.22 229 iPd 51 13.50 0.3
1.1s 137.00nm 5.6mb
Z 17s 0.30um 4.2MszX
i 52 50.40
e 53 36.80
e 01 10.60
SMF 43.31 269 iPd 51 13.30 -0.5
1.4s 35.30nm 4.9mb
TMA 43.46 264 ePc 51 16.20 1.0
BGF 43.48 270 iPd 51 14.90 -0.2
0.9s 49.15nm 5.3mb
DIX 43.60 266 ePc 51 17.70 1.3
MFF 43.67 273 iPd 51 16.40 -0.2
1.1s 17.10nm 4.8mb
TCF 43.80 271 iPd 51 17.50 -0.2
1.1s 32.70nm 5.1mb
MAF 43.83 271 iPd 51 17.90 -0.1
1.0s 15.00nm 4.8mb
LSF 43.89 272 iPd 51 18.10 -0.4
1.0s 15.40nm 4.8mb
LPL 44.21 266 iPd 51 22.00 0.6
1.0s 13.80nm 4.8mb
LPG 44.23 266 iPd 51 22.30 0.7
1.1s 19.80nm 4.9mb
LSD 44.24 266 P 51 25.35 3.7X
ULM 44.39 4 eP 51 24.50 2.1
RSP 44.53 266 P 51 24.07 0.2
BNI 44.68 266 P 51 26.54 1.5
BOB 44.75 263 P 51 26.46 0.9
RRL 44.80 266 P 51 27.18 1.0
RJF 44.83 271 iPd 51 25.80 -0.3

1.3s 59.20nm 5.3mb
Z 28s 0.15um 3.8MszX
BHB 44.84 266 P 51 26.04 -0.2
PCP 45.04 264 P 51 27.23 -0.6
CAF 45.16 271 iPd 51 28.70 -0.1
0.9s 7.20nm 4.6mb
CKI 45.18 265 P 51 28.69 -0.2
PZZ 45.19 266 P 51 28.74 -0.4
SURF 45.23 266 P 51 28.88 -0.7
LFF 45.25 272 iPd 51 29.40 0.0
1.1s 18.30nm 4.9mb
ROB 45.34 265 P 51 29.38 -0.8
RSM 45.35 260 P 51 31.38 1.2
FIN 45.40 265 P 51 29.15 -1.5
SFI 45.40 261 P 51 31.85 1.3
STV 45.43 265 P 51 28.92 -2.1
ENR 45.44 265 P 51 28.78 -2.3
PGD 45.46 261 P 51 32.70 1.4
LPO 45.47 272 iPd 51 31.30 0.1
0.9s 19.15nm 5.1mb
TOUF 45.67 266 P 51 33.20 0.2
AUTN 45.67 265 P 51 33.20 0.2
SAOF 45.67 265 P 51 32.29 -0.5
PII 45.70 262 P 51 32.93 0.0
IMI 45.72 265 P 51 31.76 -1.5
ARV 45.74 260 P 51 33.43 0.1
AURF 45.78 265 P 51 33.63 -0.1
MVIF 45.79 266 P 51 34.00 0.1
SBF 45.80 265 iPd 51 33.50 -0.4
1.1s 49.10nm 5.4mb
REVF 45.93 265 P 51 34.43 -0.4
CALN 45.95 266 P 51 35.82 0.6
NEW 45.98 24 eP 51 35.58 0.3
1.4s 61.57nm 5.4mb
FRF 46.16 266 iPd 51 36.50 -0.1
1.1s 47.35nm 5.4mb
ASS 46.19 260 P 51 37.83 0.9
BJI 46.23 150 eP 51 37.50 0.3
1.5s 57.00nm 5.4mb
LRG 46.29 266 iPd 51 37.60 0.0
0.9s 11.95nm 4.9mb
Z 23s 0.20um 4.0MszX
LMR 46.40 266 iPd 51 38.20 -0.3
1.6s 47.90nm 5.3mb
SKO 46.62 251 iP 51 39.50 -0.8
AQU 46.84 259 P 51 43.11 1.0
MNS 46.87 260 P 51 42.31 0.1
PGF 46.99 264 iPd 51 43.00 -0.3
1.1s 35.90nm 5.4mb
BTH 47.13 273 Pc 51 44.00 -0.3
i(pP) 51 52.50 28kmX
(sP) 51 55.00
i 52 05.00
EPF 47.18 272 iPd 51 44.10 -0.6
1.1s 28.55nm 5.3mb
VAY 47.18 250 eP 51 43.80 -0.9
GRBF 47.27 271 P 51 45.83 0.3
LON 47.34 28 eP 51 46.87 0.9
ENSF 47.40 272 P 51 47.47 0.8
RDP 47.49 260 P 51 47.77 0.6
OHR 47.52 251 iP 51 45.00 -2.5
PERF 47.52 270 P 51 47.67 0.2
BMW 47.56 29 (P) 51 46.64 -1.1
RFI 47.84 258 P 51 50.70 0.8
LMN 48.36 335 eP 51 53.50 -0.4
1.1s 8.00nm 4.7mb
ASH 48.42 212 eP 51 55.00 0.6
1.2s 110.00nm 5.8mb
LRM 48.56 19 eP 51 56.20 0.5
GAC 48.79 345 eP 51 57.00 -0.1
TAB 48.88 225 eP 51 59.00 0.9
MGR 48.89 257 P 51 57.79 -0.2
ORI 48.89 256 P 51 54.45 -3.6X
TDS 49.30 256 P 51 54.43 -6.7X
RSNY 49.92 344 eP 52 03.87 -2.1
1.3s 21.22nm 5.0mb
MAIO 50.01 211 iPd 52 07.00 0.2
i 54 28.00
GRI 50.13 256 P 52 07.15 -0.4
CGL 50.13 263 P 52 06.98 -0.7
RSSD 50.43 12 eP 52 09.70 -0.4
1.2s 29.12nm 5.1mb
e 52 17.18
PAB 51.01 276 iPc 52 14.50 0.2
BW06 51.67 17 eP 52 18.92 -0.6
1.3s 13.85nm 4.7mb
KER 52.54 224 iPd 52 25.00 -1.0

HVU 52.59 20 eP 52 26.57 0.2
GPD 53.45 344 eP 52 32.68 0.1
DUG 54.17 20 eP 52 37.83 -0.2
1.3s 13.72nm 4.8mb
GLD 54.78 13 eP 52 41.25 -1.3
1.2s 15.68nm 4.9mb
SRU 55.31 18 eP 52 46.04 -0.4
MSU 55.86 20 eP 52 50.41 -0.1
i 52 57.80
PV08 55.89 16 (P) 52 50.40 -0.4
PV09 55.95 17 (P) 52 51.03 -0.2
PV10 56.08 17 eP 52 52.20 0.1
ARUT 56.55 21 eP 52 55.66 0.3
e 53 02.45
FVM 56.66 359 (P) 52 54.22 -1.7
0.9s 10.50nm 4.9mb
ARN 56.73 28 (P) 52 57.30 0.8
TPNV 57.31 23 (P) 53 00.17 -0.6
TUL 58.72 4 iPc 53 09.50 -0.9
GSC 58.93 24 eP 53 12.40 0.3
e 53 19.21
ALQ 59.56 14 eP 53 14.81 -1.7
1.4s 21.71nm 5.1mb
e 53 22.70
WMOK 59.87 7 eP 53 16.83 -1.6
1.1s 27.32nm 5.3mb
e 53 24.00
CSP 59.92 25 eP 53 19.24 0.3
MIAR 60.09 2 eP 53 18.61 -1.3
1.0s 11.57nm 5.0mb
JSC 60.29 350 eP 53 20.33 -0.9
GLA 61.24 22 eP 53 27.44 -0.3
TUC 62.09 18 eP 53 35.13 1.6
1.6s 43.02nm 5.4mb
LTX 65.20 12 eP 53 51.26 -2.7X
BAG 69.93 147 eP 54 23.60 -0.2
KKM 80.05 152 ePc 55 15.50 -6.2X
1.2s 120.50nm 5.7mb
LKO 80.86 275 PKPd 55 25.62 -0.3
1.0s 32.00nm 5.3mb
TIC 83.69 274 PKP 55 40.01 -0.6
1.0s 11.50nm 5.0mb
KIC 83.95 274 PKP 55 41.63 -0.2
1.2s 80.00nm 5.8mb
BCAO 84.08 250 iPc 55 43.60 1.1
0.6s 28.00nm 5.7mb
LIC 84.11 274 PKP 55 42.27 -0.4
1.0s 37.50nm 5.6mb
Z 20s 0.20um 4.5Msz
S.D. = 0.9 on 191 of 201 obs.

JUN 30, 1994 00h 48m 32.56± 0.30s
32.541 N ± 6.2km 93.684 E ± 5.4km
DEPTH = 33.0km (normal)
5.1mb (60 obs.) 4.5Msz (7 obs.)
XIZANG (306)
Mw 5.1 (HRV).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 12C
Centroid Location:
Origin Time 00:48:38.3 0.8
Lat 32.53N FIX;Lon 93.76E FIX
Dep 15.0 FIX Half-duration 1.1
Moment Tensor; Scale 10**16 Nm
Mrr=-3.91 0.66 Mtt= 0.12 1.03
Mff= 3.79 0.63 Mrt= 1.46 2.00
Mrf= 1.17 1.51 Mtf= 0.13 0.59
Principal Axes:
T Val= 4.00 Plg= 9 Azm=275
N 0.53 17 8
P -4.52 71 157
Best Double Couple:Mo=4.3*10**16
NP1:Strike=346 Dip=38 Slip=-118
NP2: 200 57 -70

LZH 9.12 64 eP 50 43.50 -1.5
1.5s 53.00nm 5.5mb
pP 50 49.00
sP 50 50.00
KMI 10.84 131 P+ 51 08.80 0.0
1.0s 70.00nm 5.8mb
Z 10s 3.90um 3.4MszX
sP 51 19.20
eS 53 10.00
sS 53 19.00
CHTO 14.46 160 eP 51 57.50 0.6

30d 00h

NDI 14.69 259 eP 51 57.00 -2.8
BDT 15.97 161 eP 52 15.00 -1.4
1.1s 66.60nm 4.7mb
LOE 16.73 152 eP 52 26.00 -0.1
ZAK 19.19 19 eP 52 55.50 -0.7
1.4s 69.00nm 4.7mb
BJI 19.58 61 eP 53 00.00 -0.7
1.5s 99.00nm 4.9mb
Z 11s 2.17um 4.6Msz
eS 56 50.00
HYB 20.33 226 eP 53 09.50 0.8
HKC 20.82 114 eP 53 10.00 -3.6X
SSE 23.39 86 iP+ 53 40.00 0.8
1.0s 127.00nm 5.4mb
Z 20s 1.50um 4.4Msz
iS 58 00.00
GBA 24.00 222 P 53 44.50 -0.7
0.8s 7.00nm 4.2mb
BRVK 26.53 328 eP 54 13.00 4.2X
1.4s 22.00nm 4.6mb
BBP 27.94 109 eP 54 24.00 2.0
KAT 30.88 293 eP 54 51.00 2.9
ARU 33.98 325 eP 55 16.00 1.1
MAT 36.65 71 (P) 55 39.00 1.1
1.5s 25.00nm 4.9mb
Z 20s 0.35um 4.1Msz
eS 01 25.00
ASAJ 39.57 59 eP 56 01.80 -0.5
YSS 39.71 54 eP 56 03.00 -0.3
1.5s 50.00nm 5.1mb
Z 13s 0.70um 4.7MszX
E 13s 0.80um
KIV 41.04 301 eP 56 17.40 2.9
OBN 45.42 317 iPd 56 52.00 2.3
1.2s 44.00nm 5.2mb
LVZ 48.70 334 eP 57 16.70 1.4
PUL 49.21 323 (P) 57 20.00 0.8
2.6s 110.00nm 5.4mb
Z 17s 0.80um 4.8MszX
E 17s 0.60um
e 59 12.00
KIS 50.48 307 eP 57 30.00 0.8
1.1s 90.00nm 5.7mb
KAF 51.30 326 eP 57 34.70 -0.5
1.0s 16.30nm 4.9mb
SDF 51.70 333 iP 57 40.20 2.0
NUR 52.07 324 iP 57 42.30 1.3
0.8s 7.80nm 4.7mb
UPP 55.61 324 iP 58 07.00 0.0
SKO 56.72 302 iP 58 15.50 0.2
OKC 57.01 312 e(P) 58 17.40 0.1
SRO 57.37 309 eP 58 21.40 1.6
OHR 57.42 301 eP 58 12.80 -7.5X
HFS 57.52 324 eP 58 21.60 0.9
0.5s 3.20nm 4.6mb
ZST 58.06 310 eP 58 23.60 -1.0
NB2 58.57 326 P 58 26.70 -1.4
1.1s 22.50nm 5.2mb
NAO 58.79 325 P 58 28.20 -1.4
PRU 59.23 312 P 58 34.20 1.4
1.3s 24.10nm 5.2mb
BRG 59.37 314 iP 58 35.40 1.7
1.3s 23.00nm 5.1mb
ILT 59.42 26 iPc 58 32.40 -1.4
1.4s 23.00nm 5.1mb
CLL 59.83 314 iP 58 37.50 0.7
1.7s 30.00nm 5.1mb
Z 22s 1.00um 4.9Msz
KHC 60.07 312 eP 58 24.00 -14.6X
e 58 37.50
GEC2 60.07 311 P 58 37.50 -1.2
1.3s 12.22nm 4.9mb
e 58 43.80
e 59 00.50
e 00 52.40
e 00 54.10
WET 60.50 312 iPd 58 43.70 2.2
VOY 60.77 308 eP 58 44.40 0.9
MOX 60.86 314 iPd 58 45.80 1.9
1.5s 15.00nm 4.9mb
GRF 61.38 313 ePc 58 47.70 0.2
1.3s 29.80nm 5.3mb
FUR 61.81 311 eP 58 50.00 -0.4
1.4s 101.00nm 5.8mb
i 58 52.10
TNS 62.91 314 ePd 58 59.30 1.5
CDF 64.25 312 eP 59 05.30 -1.3

1.2s 19.05nm 5.1mb
WLF 64.50 314 iPd 59 08.51 0.5
BSF 64.76 312 eP 59 08.60 -1.4
1.1s 16.10nm 5.0mb
HAU 64.97 312 eP 59 10.00 -1.3
Z 22s 0.30um 4.4Msz
WRA 65.08 137 P 59 14.60 2.4
0.9s 2.60nm 4.3mb
WB2 65.09 137 eP 59 11.70 -0.5
1.1s 6.70nm 4.7mb
DOU 65.28 315 P 59 15.50 2.4
SNF 65.31 315 P 59 15.50 2.2
LPG 65.65 310 eP 59 15.40 -0.6
1.4s 50.55nm 5.4mb
LPL 65.65 310 eP 59 15.20 -0.7
1.2s 43.15nm 5.4mb
SBF 65.82 308 eP 59 15.60 -1.2
1.1s 38.60nm 5.4mb
LMR 66.64 307 eP 59 20.70 -1.3
1.1s 21.75nm 5.2mb
LRG 66.70 308 eP 59 21.20 -1.1
1.2s 39.85nm 5.4mb
Z 23s 0.20um 4.3MszX
LOR 66.81 312 eP 59 21.50 -1.5
1.3s 13.70nm 4.9mb
Z 21s 0.35um 4.6Msz
LBF 66.85 312 eP 59 21.80 -1.5
1.2s 18.45nm 5.1mb
SMF 67.07 312 eP 59 23.50 -1.2
1.2s 27.05nm 5.2mb
SSF 67.12 312 eP 59 23.60 -1.3
1.2s 24.70nm 5.2mb
AVF 67.32 312 eP 59 25.00 -1.2
1.3s 36.10nm 5.3mb
HYF 67.57 313 eP 59 27.10 -0.7
BGF 67.73 312 eP 59 27.50 -1.3
1.1s 11.00nm 4.9mb
MAF 68.05 312 eP 59 30.10 -0.7
1.3s 32.85nm 5.3mb
TCF 68.25 312 eP 59 31.30 -0.8
1.2s 38.10nm 5.4mb
LSF 68.69 312 eP 59 33.60 -1.2
LDF 68.71 315 eP 59 33.60 -1.3
1.2s 27.05nm 5.2mb
FLN 68.85 315 eP 59 34.60 -1.1
1.4s 27.90nm 5.1mb
Z 22s 0.30um 4.5Msz
CAF 68.91 310 eP 59 35.60 -0.6
1.3s 27.10nm 5.2mb
RJF 69.10 311 eP 59 36.90 -0.5
1.2s 28.25nm 5.2mb
Z 22s 0.17um 4.3Msz
IMA 69.14 24 eP 59 36.70 -0.7
1.4s 7.34nm 4.6mb
GRR 69.24 315 eP 59 37.10 -1.0
1.1s 33.70nm 5.3mb
MBC 69.49 8 eP 59 40.00 0.8
1.2s 5.00nm 4.5mb
LPF 69.51 314 eP 59 38.70 -1.0
1.9s 70.45nm 5.4mb
LPO 69.58 310 eP 59 39.80 -0.5
1.1s 13.65nm 4.9mb
LFF 69.75 311 eP 59 41.00 -0.3
1.4s 27.90nm 5.1mb
TTA 70.01 27 eP 59 45.80 3.1X
0.9s 2.60nm 4.3mb
EPF 70.86 309 eP 59 46.90 -1.3
1.4s 10.90nm 4.7mb
SVW 71.16 29 eP 59 49.72 0.1
0.9s 31.72nm 5.4mb
FBA 71.81 23 eP 59 52.57 -0.9
0.9s 1.75nm 4.1mb X
RES 72.90 2 eP 00 01.00 1.4
PMR 73.41 26 eP 00 01.70 -1.1
0.4s 5.00nm 4.9mb
INK 73.53 17 eP 00 04.00 0.6
1.0s 4.00nm 4.4mb
KDC 74.40 31 eP 00 07.52 -1.1
0.9s 12.85nm 4.9mb
KLU 74.65 25 eP 00 10.33 0.1
FRB 83.01 352 eP 00 57.00 1.6
1.0s 7.00nm 4.7mb
KIC 93.67 280 P 01 49.17 1.8
1.2s 29.50nm 5.6mb
SPA 122.36 180 ePKP 07 25.00 0.0X
0.9s 1.36nm
RSTA 146.46 274 (PKP) 08 15.00 4.2X

LPAZ 156.91 310 PKP 08 29.10 2.1X
LPB 157.07 310 PKP 08 33.50 6.5X
MOCB 158.44 296 PKP 08 30.00 1.5X
S.D. = 1.3 on 87 of 97 obs.

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* JUN 30, 1994 01h 08m 24.22± 1.86s
27.911 N ±21.4km 90.177 W ± 8.7km
DEPTH = 10.0km (geophysicist)
4.2mb (3 obs.)
GULF OF MEXICO (526)

MIAR 7.22 337 eP 10 11.58 -0.8
GOGA 7.96 45 eP 10 22.62 -0.1
eSg 11 55.67
TUL 9.29 331 iPc 11 00.00 18.8X
OCO 9.81 323 iPc 11 05.50 17.2X
JSC 9.93 48 (P) 10 49.73 -0.3
WMOK 10.02 315 eP 10 49.22 -2.0
FVM 10.05 359 (P) 10 52.97 1.4
ALQ 15.56 301 eP 12 10.50 5.1X
GLD 17.17 317 (P) 12 26.88 1.0
1.9s 77.49nm 4.5mb
TUC 18.35 289 (P) 12 41.23 0.6
1.2s 9.76nm 3.8mb
PV10 18.90 308 (P) 12 48.25 0.9
SRU 20.27 309 eP 13 02.49 -0.3
EMUT 20.79 310 eP 13 07.99 -0.3
DAU 21.38 311 eP 13 14.74 0.4
DUG 22.33 309 eP 13 24.15 0.4
1.5s 12.99nm 4.2mb
HVU 23.05 313 (P) 13 36.66 5.9X
TPNV 23.72 299 (P) 13 36.64 -0.7
ELK 24.24 308 eP 13 46.40 4.0X
YKA 38.14 342 P 15 56.50 11.6X
1.0s 0.70nm
S.D. = 1.0 on 13 of 19 obs.

? JUN 30, 1994 02h 46m 25.90± 1.48s
10.689 S ±12.6km 113.466 E ±17.3km
DEPTH = 60.9 ± 34.0 km
3.9mb (1 obs.)
SOUTH OF JAWA, INDONESIA (282)

DNP 2.64 41 ePd 47 07.20 0.4
eS 47 41.00
e 51 50.50
TRT 3.08 344 iPc 47 13.10 0.0
iS 47 46.60
KHKI 3.13 43 ePc 47 13.50 -0.4
eS 47 52.00
e 51 28.90
LEM 6.94 303 ePc 47 55.00 -12.4X
NANU 11.97 171 iPc 49 16.00 0.0
eS 51 22.00
WB2 22.12 117 eP 51 17.80 0.0
1.1s 5.80nm 3.9mb
i 51 22.20
eS 55 32.50
S.D. = 0.5 on 5 of 6 obs.

JUN 30, 1994 02h 52m 10.12± 0.88s
39.574 N ± 6.8km 19.966 E ± 7.3km
DEPTH = 5.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
ML 3.3 (TIR). MD 3.0 (ATH).

KEK 0.19 317 ePg 52 13.40 -0.6
eSg 52 17.40
IGT 0.29 98 ePg 52 15.40 -0.5
eSg 52 21.56
SRN 0.31 5 iPgd 52 16.70 0.4
iSg 52 22.50
KBN 1.22 31 ePn 52 37.00 3.6X
VLS 1.48 161 ePb 52 38.10 0.7
KZN 1.57 62 ePn 52 41.90 3.1X
FNA 1.62 41 ePb 52 40.20 0.7
eSb 53 03.72
OHR 1.66 22 ePn 52 41.20 1.1X
AGG 1.92 106 ePn 52 43.22 -0.5
eSn 53 10.38
LIT 2.01 74 ePn 52 45.14 0.0
eSn 53 13.98
PHP 2.14 10 ePn 52 53.80 6.8X
GRG 2.32 53 ePn 52 49.45 -0.1
SKO 2.64 25 ePn 52 47.00 -7.1X
i 53 39.80
S.D. = 0.6 on 8 of 13 obs.

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  JUN 30, 1994 04h 22m 58.54± 0.73s
  44.668 N ± 8.0km   10.891 E ± 7.9km
  DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY                  (545)
     ML 2.8 (LDG).

PCP      1.68 267 P      23 29.38   1.2
                  S      23 49.78
FIN      1.98 258 P      23 32.12  -0.3
ROB      2.19 261 P      23 35.74   0.1
IMI      2.28 252 P      23 36.24  -0.7
VOY      2.52  56 ePn    23 39.90  -0.3
                  eSn    24 10.10
                  eSg    24 21.00
ENR      2.52 261 P      23 40.27  -0.1
PGF      2.53 214 Pn     23 41.50   1.2
                  Sn     24 13.20
SQTA     2.56   5 iPnd   23 40.90   0.0
       0.3s     7.70nm
                  iPg    23 42.20
                  i      24 14.40
                  i      24 18.00
SBF      2.61 253 Pn     23 41.60   0.1
                  Sn     24 13.30
WTTA     2.65  11 iPnc   23 41.80  -0.4
       0.3s     6.50nm
                  iPg    23 43.70
                  i      24 17.00
                  i      24 17.60
MOTA     2.68   3 iPnc   23 42.80   0.1
       0.3s     2.70nm
                  i      24 18.40
WATA     2.71  10 iPnc   23 43.60   0.5
       0.2s     2.10nm
                  iPg    23 44.30
                  i      24 20.90
PZZ      2.71 268 P      23 43.91   0.8
KBA      2.96  35 iPnc   23 53.10   6.5X
                  i      24 28.90
                  i      24 43.10
LPG      3.05 287 Pn     23 44.90  -3.0X
LPL      3.07 288 Pn     23 45.00  -3.1X
FRF      3.25 252 Pn     23 50.00  -0.6
                  Sn     24 28.80
LMR      3.43 249 Pn     23 52.50  -0.6
                  Sn     24 33.30
LRG      3.48 251 Pn     23 52.80  -1.0
                  Sn     24 34.30
CDF      4.50 328 Pn     24 04.00  -4.3X
                  Sn     24 51.50
HAU      4.59 318 Pn     24 05.30  -4.2X
                  Sn     24 53.40
SMF      5.32 294 Pn     24 16.60  -3.4X
                  Sn     25 14.30
LBF      5.36 298 Pn     24 17.50  -3.0X
                  Sn     25 13.90
LOR      5.55 300 Pn     24 20.10  -3.1X
                  Sn     25 18.20
SSF      5.69 298 Pn     24 21.70  -3.4X
                  Sn     25 22.30
    S.D. = 0.7  on  16 of  25 obs.
-------------------------------------
% JUN 30, 1994 04h 44m 36.51± 1.24s
  47.889 N ± 6.7km    0.024 E ±14.0km
  DEPTH = 10.0km (geophysicist)
 FRANCE                          (538)
     ML 2.2 (LDG).

LDF      0.71 352 Pg     44 50.20  -0.3
                  Sg     44 59.20
LPF      0.73 282 Pg     44 50.60  -0.2
                  Sg     45 00.20
GRR      0.77 311 Pg     44 51.80   0.2
                  Sg     45 01.40
FLN      0.94 339 Pg     44 54.70   0.3
                  Sg     45 06.50
MFF      1.29 185 Pg     45 00.50   0.0
                  Sg     45 16.20
    S.D. = 0.4  on   5 of   5 obs.
-------------------------------------
& JUN 30, 1994 05h 31m 42.75s
  62.077 N        150.654 W
  DEPTH = 1.2km
 CENTRAL ALASKA                  (  1)
     <AEIC>. ML 2.5 (AEIC).

CUT      0.37  29 eP     31 50.66   0.4
SKT      0.42 257 eP     31 51.25   0.0
                  eS     31 57.56
PWA      0.56 139 eP     31 54.96   1.0
SUA      0.62 184 eP     31 55.88   0.8
PLRM     0.87 123 eP     31 59.92  -0.2
GHO      0.87 110 eP     31 59.71  -0.5
PMS      0.98 148 eP     32 01.88  -0.4
HUR      1.02  27 eP     32 01.47  -1.4
                  eS     32 15.25
CRP      1.08 222 eP     32 03.66  -0.4
                  eS     32 19.43
CP2      1.11 224 eP     32 04.09  -0.5
SPU      1.12 217 eP     32 03.83  -0.8
                  eS     32 19.95
CKN      1.12 221 eP     32 04.56  -0.1
SML      1.13 103 eP     32 03.85  -0.9
CKT      1.15 221 eP     32 04.72  -0.4
                  eS     32 21.11
KNK      1.24 122 eP     32 06.02  -0.6
BKG      1.27 218 eP     32 06.43  -0.8
TRF      1.39   7 eP     32 07.99  -1.3
PTE      1.45 147 eP     32 10.39   0.4
KTH      1.49 355 eP     32 09.40  -1.3
RND      1.57  31 eP     32 08.48  -3.4
SLKM     1.59 172 eP     32 11.13  -1.0
SCM      1.59  97 eP     32 11.14  -1.0
MPA      1.71 158 eP     32 14.74   0.9
RDT      1.73 210 eP     32 14.23   0.1
DFR      1.78 214 eP     32 14.79  -0.2
DHY      1.82  55 eP     32 15.36  -0.2
MCK      1.84  25 eP     32 14.21  -1.5
RS2      1.91 213 eP     32 12.71  -4.2
RSO      1.91 213 eP     32 12.07  -4.9
RED      1.95 213 eP     32 17.31  -0.1
TOA      2.11  87 eP     32 19.77   0.1
VLZ      2.27 113 eP     32 22.10   0.2
KLU      2.32 103 eP     32 22.55  -0.3
INE      2.34 211 eP     32 24.08   1.0
SDG      2.43  77 eP     32 24.27   0.0
HIN      2.62 128 eP     32 27.34   0.4
        36 obs. associated
-------------------------------------
? JUN 30, 1994 05h 38m 21.13± 1.15s
  37.582 N ± 8.2km   30.526 E ±16.2km
  DEPTH = 10.0km (geophysicist)
 TURKEY                          (366)
     ML 3.5 (ISK).

BCK      0.13 157 iPg    38 24.00  -0.4
                  eSg    38 27.00
ELL      0.97 211 ePn    38 40.00   0.4
KHL      1.08 313 iPn    38 41.00  -0.6
ALT      1.51 348 ePn    38 48.80   0.5
    S.D. = 0.9  on   4 of   4 obs.
-------------------------------------
% JUN 30, 1994 06h 26m 59.48± 0.69s
  40.438 N ± 6.1km   23.718 E ± 8.0km
  DEPTH = 5.0km (geophysicist)
 GREECE                          (364)
     ML 2.3 (THE).

OUR      0.23 117 ePg    27 04.24   0.1
                  eSg    27 07.20
SOH      0.47 324 ePg    27 09.34   0.4
PAIG     0.51 183 ePg    27 09.60  -0.1
                  eSg    27 16.40
SRS      0.68 352 ePg    27 12.96  -0.2
                  eSg    27 23.12
KNT      0.95 320 ePg    27 17.76  -0.3
GRG      1.13 298 ePg    27 21.26   0.2
                  eSg    27 37.42
    S.D. = 0.4  on   6 of   6 obs.
-------------------------------------
% JUN 30, 1994 06h 30m 41.80± 0.64s
  40.396 N ± 5.0km   23.710 E ± 5.8km
  DEPTH = 5.0km (geophysicist)
 GREECE                          (364)
     ML 2.5 (THE).

OUR      0.22 106 iPg    30 46.16  -0.1
                  eSg    30 48.80
PAIG     0.47 183 iPg    30 51.38   0.2
                  eSg    30 58.28
SOH      0.50 328 ePg    30 51.52  -0.4
                  eSg    30 59.12
THE      0.62 293 ePg    30 54.52   0.4
                  eSg    31 02.88
SRS      0.73 353 ePg    30 56.33   0.0
                  iSg    31 05.24
LIT      0.98 253 ePg    31 00.40  -0.5
KNT      0.98 321 ePg    31 01.20   0.3
                  eSg    31 15.04
    S.D. = 0.4  on   7 of   7 obs.
-------------------------------------
* JUN 30, 1994 06h 41m 20.94± 0.82s
  22.831 N ±12.1km  119.775 E ±12.2km
  DEPTH = 10.0km (geophysicist)
  4.0mb ( 4 obs.)
 TAIWAN REGION                   (243)

BBP      3.13 139 eP     42 11.00  -0.2
HKC      5.21 265 iP     42 40.50  -0.2
CVP      5.45 159 eP     42 48.00   3.8X
SSE      8.33   8 ePn    43 17.50  -7.0X
       0.8s    72.00nm          6.0mb X
                  Pg     43 36.00
                  Sn     44 38.50
BJI     17.43 351 eP     45 25.00  -0.6
       1.0s     6.00nm          3.7mb
LZH     19.12 317 eP     46 04.00  17.2X
       1.5s    27.00nm
NB2     78.81 332 P      53 26.30   1.0
       0.6s     1.60nm          4.2mb
GEC2    83.06 320 P      53 49.90   1.8X
       1.3s     2.04nm          4.2mb
                  e      57 14.50
YKA     84.71  22 P      53 56.20   0.1
       0.7s     0.50nm          3.9mb
    S.D. = 0.8  on   5 of   9 obs.
-------------------------------------
  JUN 30, 1994 07h 30m 37.74± 0.38s
  43.798 N ± 2.2km  128.061 W ± 3.5km
  DEPTH = 10.0km (geophysicist)
  4.2mb ( 11 obs.)
 OFF COAST OF OREGON             ( 30)
     ML 3.9 (BRK).

RNO      3.13  86 P      31 27.46  -0.6
MPOR     3.32  76 P      31 29.53  -1.4
DBO      3.57  99 P      31 33.22  -1.2
HSO      3.62  93 P      31 33.98  -1.1
TKO      3.65  63 P      31 35.14  -0.4
KMOR     3.74  59 P      31 36.30  -0.5
FBO      3.99  81 P      31 40.22  -0.1
NLO      4.00  53 P      31 40.48   0.1
BBOR     4.03 101 P      31 39.82  -1.1
HBO      4.16  87 P      31 42.28  -0.5
SSOR     4.16  73 P      31 42.93   0.2
WPO      4.16  63 P      31 43.25   0.6
ONR      4.32  43 P      31 44.92   0.0
PGO      4.34  65 P      31 45.97   0.8
BMW      4.34  50 eP     31 44.59  -0.8
GT2      4.36  70 P      31 45.91   0.3
RVW      4.45  56 P      31 46.91   0.2
YBH      4.45 116 ePc    31 45.51  -1.3
                  eS     32 29.11
VRC      4.52 107 P      31 47.20  -0.6
VLMM     4.63  66 P      31 49.89   0.4
LAB      4.65 107 P      31 49.35  -0.6
BPO      4.66  77 P      31 49.97   0.0
TCO      4.68  84 P      31 49.72  -0.5
OSR      4.69  36 P      31 50.28   0.0
CPW      4.70  46 P      31 49.69  -0.8
MTMW     4.71  60 P      31 50.97   0.3
TDH      4.72  69 P      31 51.08   0.2
ERK      4.77  56 P      31 51.20  -0.2
SHW      4.77  58 eP     31 52.01   0.4
OOW      4.78  33 P      31 51.79   0.2
HSR      4.80  58 P      31 52.61   0.7
JLK      4.81  59 P      31 52.35   0.4
STD      4.80  57 P      31 52.36   0.4
VBEM     4.81  73 P      31 52.24   0.2
REMW     4.81  58 P      31 52.73   0.6
ESD      4.83  58 P      31 53.12   0.7
SMW      4.84  42 P      31 51.75  -0.6
VLL      4.85  68 P      31 53.10   0.5
CDFW     4.86  59 P      31 53.28   0.6
SOSW     4.86  58 P      31 53.29   0.6
TDL      4.86  56 P      31 52.77   0.0
VFP      4.95  70 P      31 54.18   0.1
LMW      4.98  53 P      31 54.51   0.1
OSD      5.05  36 P      31 55.39   0.0
GULW     5.06  63 P      31 56.02   0.4
```

30d 07h

ASR 5.16 61 P 31 57.38 0.5
CROR 5.21 74 P 31 56.72 -0.9
HDW 5.21 41 P 31 57.89 0.3
GHW 5.21 49 P 31 57.61 0.1
WDC 5.21 126 ePc 31 57.05 -0.5
eS 32 59.85
GMW 5.27 43 eP 31 57.33 -1.0
LON 5.31 54 ePc 31 58.99 0.0
REMR 5.33 53 P 31 59.51 0.1
GLK 5.33 57 P 31 59.94 0.5
VIPM 5.40 80 P 31 59.36 -1.1
RCS 5.42 53 P 32 00.96 0.1
WPW 5.44 55 P 32 01.40 0.5
VGB 5.47 69 eP 32 00.85 -0.5
FMW 5.48 53 P 32 01.64 0.0
BLN 5.51 38 P 32 02.53 0.7
VTHM 5.54 73 P 32 01.47 -0.9
GSM 5.57 50 P 32 02.87 0.1
GL2 5.58 65 P 32 02.79 -0.1
RMW 5.71 48 eP 32 04.40 -0.4
NAC 5.89 58 P 32 07.61 0.4
MIN 5.91 123 ePc 32 08.37 0.8
OHW 5.94 38 P 32 08.51 0.7
HTW 5.95 45 P 32 07.81 -0.2
TWW 6.06 54 P 32 10.44 0.8
MCW 6.08 35 eP 32 09.67 -0.2
JBO 6.10 71 P 32 09.58 -0.6
EBG 6.13 57 P 32 10.89 0.3
JCW 6.13 42 P 32 10.38 -0.1
MXC 6.15 60 P 32 11.09 0.2
TBM 6.24 55 P 32 12.60 0.5
ORV 6.49 129 ePc 32 15.05 -0.5
MDW 6.50 61 P 32 16.28 0.4
RPW 6.51 42 P 32 15.67 -0.2
RSW 6.53 64 P 32 16.35 0.0
WAH2 6.69 61 P 32 18.59 0.2
LOCW 6.75 61 P 32 19.47 0.2
CRF 6.82 61 P 32 20.24 0.0
EPH 6.92 56 P 32 21.21 -0.5
ET3 7.02 64 P 32 23.00 -0.1
LNOR 7.25 70 P 32 24.74 -1.6
OD2 7.48 58 P 32 28.61 -0.9
DPW 8.00 56 eP 32 35.51 -1.3
ARN 8.13 140 eP 32 38.55 -0.1
COE 8.14 141 (P) 32 39.84 1.1
CMB 8.18 132 ePd 32 39.23 -0.1
NEW 8.82 56 eP 32 46.75 -1.5
MEMM 9.24 128 eP 32 54.75 0.8
ISA 10.97 135 eP 33 17.62 -0.2
LRM 11.28 74 eP 33 21.70 -0.5
TPNV 11.31 123 eP 33 23.66 1.2
HHAI 11.40 87 (P) 33 24.48 0.8
DUG 11.90 102 eP 33 31.12 0.6
GSC 12.13 131 eP 33 33.72 0.1
ARUT 12.59 113 eP 33 41.09 1.2
CSP 12.61 135 eP 33 40.47 0.5
DAU 12.93 99 eP 33 44.31 -0.2
PEC 13.03 136 eP 33 43.98 -1.5
MSU 13.08 108 eP 33 46.72 0.3
BW06 13.52 88 eP 33 51.42 -0.8
1.0s 4.24nm 4.4mb
SRU 13.96 104 (P) 33 58.59 0.7
PV09 15.20 104 (P) 34 15.09 0.8
RSSD 17.29 81 eP 34 42.74 1.8
1.8s 54.30nm 4.4mb
GLD 17.50 96 eP 34 42.49 -1.0
1.5s 22.07nm 4.1mb
TUC 17.76 124 eP 34 47.52 0.9
0.9s 3.82nm 3.5mb
ALQ 18.86 111 eP 35 00.11 -0.2
1.1s 3.98nm 3.5mb
YKA 20.31 18 P 35 15.30 -0.9
0.8s 4.20nm 3.8mb
SLKM 21.38 329 eP 35 25.79 -1.5
AUP 21.95 324 eP 35 32.88 -0.2
ULM 22.75 62 eP 35 44.00 3.0X
SVW 23.84 326 eP 35 51.37 -0.2
1.0s 26.35nm 4.8mb
LTX 24.22 118 eP 35 55.91 0.4
WMOK 24.30 102 eP 35 57.48 1.2
0.9s 18.78nm 4.7mb
INK 24.74 355 eP 36 02.50 2.4
OCO 24.85 99 iPc 36 03.60 2.1
TTA 25.05 330 eP 36 03.23 -0.1
1.2s 7.30nm 4.2mb
TUL 25.87 97 iPd 36 12.00 0.9
MIAR 28.12 97 eP 36 33.22 1.6

1.1s 6.93nm 4.4mb
LPAZ 81.01 123 P 42 53.00 -2.0
LPB 81.22 123 P 42 53.80 -2.0
GEC2 81.83 24 P 42 58.90 0.7
0.8s 0.87nm 3.9mb
e 43 01.00
e 43 05.40
S.D. = 0.8 on 124 of 125 obs.

% JUN 30, 1994 08h 17m 40.07± 0.74s
40.475 N ± 5.8km 23.368 E ± 7.0km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 2.3 (THE).

THE 0.34 297 ePg 17 47.24 0.2
eSg 17 52.96
SOH 0.35 358 iPg 17 47.25 0.2
iSg 17 51.64
OUR 0.49 107 ePg 17 50.16 0.3
eSg 17 56.72
PAIG 0.60 156 ePg 17 51.80 -0.2
eSg 18 01.48
SRS 0.66 15 ePg 17 53.08 -0.3
eSg 18 02.24
KNT 0.77 333 ePg 17 55.32 -0.2
eSg 18 06.36
S.D. = 0.3 on 6 of 6 obs.

? JUN 30, 1994 09h 01m 52.33± 8.26s
47.471 N ±54.7km 13.272 E ±52.0km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 2.1 (VIE).

KBA 0.40 173 iPgc 02 00.50 0.0
iSg 02 08.10
WTTA 1.13 260 iPgd 02 13.10 -0.5
iSg 02 31.00
WATA 1.16 264 i(Pg) 02 14.70 0.6
iSg 02 32.70
SQTA 1.42 261 i(Pg) 02 18.60 0.2
iSg 02 39.50
MOTA 1.48 266 iPgc 02 18.80 -0.3
iSg 02 41.00
S.D. = 0.6 on 5 of 5 obs.

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* JUN 30, 1994 09h 08m 59.79± 1.25s
35.517 N ±19.2km 27.030 E ± 8.2km
DEPTH = 10.0km (geophysicist)
DODECANESE ISLANDS (369)

NPS 1.19 258 ePb 09 23.00 1.1
KSL 2.16 73 ePn 09 36.00 -0.3
VAM 2.31 268 ePg 10 03.00 24.5X
ELL 2.63 61 ePn 09 43.00 -0.2
IZM 2.88 4 ePn 09 47.60 1.0
BCK 3.46 55 eP 09 55.00 0.1
VLI 3.52 291 ePn 09 54.00 -1.7
S.D. = 1.3 on 6 of 7 obs.

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* JUN 30, 1994 09h 18m 38.20± 1.41s
6.795 S ±13.6km 130.375 E ±10.0km
DEPTH = 105.8 ± 15.0 km
5.0mb (2 obs.)
BANDA SEA (280)

SLKI 1.49 142 iPd 19 05.00 0.0
KNA 9.04 190 eP 20 43.00 -4.5X
0.3s 152.00nm 6.3mb X
eS 22 15.00
WSI 10.38 253 e(P) 21 06.20 0.6
eS 22 59.60
PMG 16.82 100 eP 22 29.00 0.3
ASPA 17.11 169 iPd 22 28.00 -4.3X
0.6s 132.90nm 5.4mb
iS 25 28.00
MBL 17.55 214 eP 22 36.00 -1.6
WARB 19.61 190 eP 23 00.50 -0.3
eS 26 26.00
NANU 21.23 221 iPc 23 18.30 1.1
ADE 29.07 166 e(P) 24 31.10 0.4
TOO 33.58 158 eP 25 32.00 21.8X
e 32 37.50
MAT 43.73 9 eP 26 34.00 -0.6
0.8s 10.45nm 4.7mb
GEC2 112.50 320 e(Pdif32 51.20 -17.3X

0.7s 62.20nm
MOCB 148.00 151 PKP 38 17.10 6.2X
LPAZ 150.65 142 PKP 38 23.20 7.9X
S.D. = 1.1 on 8 of 14 obs.

JUN 30, 1994 09h 23m 21.35± 0.09s
36.326 N ± 2.5km 71.130 E ± 1.5km
DEPTH = 226.6km (geophysicist)
6.1mb (147 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG.(717)
Mw 6.3 (GS), 6.3 (HRV). mb 6.5 (BRK). Felt in much of Kashmir and northern Pakistan. Felt in parts of Afghanistan, Tajikistan and northern India. Also felt in Xizang and Qinghai Provinces, China. Depth from broadband displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 48 Dip=47 Slip= 90
NP2: 228 43 90
Principal Axes:
T Plg=88 Azm=318
P 2 138
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 25 Focal mech. F
Energy 4.5±0.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 242 No. of sta: 26
Moment Tensor; Scale 10**18 Nm
Mrr= 3.33 Mtt=-0.78
Mff=-2.55 Mrt= 0.02
Mrf= 0.21 Mtf=-1.42
Principal axes:
T Val= 3.34 Plg=88 Azm=256
N 0.00 2 29
P -3.34 2 119
Best Double Couple:Mo=3.3*10**18
NP1:Strike=211 Dip=43 Slip= 92
NP2: 28 47 88
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 55S,138C M.W.: 41S, 60C
Centroid Location:
Origin Time 09:23:25.9 0.1
Lat 36.34N 0.01 Lon 71.00E 0.01
Dep 253.7 0.6 Half-duration 3.2
Moment Tensor; Scale 10**18 Nm
Mrr= 3.30 0.02 Mtt=-1.13 0.03
Mff=-2.16 0.03 Mrt= 0.05 0.02
Mrf= 0.68 0.02 Mtf=-1.02 0.03
Principal Axes:
T Val= 3.38 Plg=83 Azm=262
N -0.53 5 30
P -2.85 6 121
Best Double Couple:Mo=3.1*10**18
NP1:Strike=216 Dip=40 Slip= 97
NP2: 27 51 84

NDI 9.19 144 iPd 25 30.00 -0.7
MAIO 9.39 273 iPnd 25 33.20 -0.3
eSn 27 04.00
ASH 10.33 283 iPc 25 45.00 -0.4
iS 27 38.00
KAT 12.11 288 iPd 26 07.00 -0.8
iS 28 15.00
PYUN 12.96 126 P 26 17.92 -0.8
DANN 13.30 123 P 26 22.65 -0.5
KOLN 13.58 125 P 26 26.07 -0.3
GKN 14.12 122 P 26 32.57 -0.5
DMN 14.69 122 P 26 39.68 -0.5
KKN 14.70 121 P 26 39.51 -0.7
PKI 14.92 122 P 26 42.40 -0.7
GUN 15.04 120 P 26 44.07 -0.5
JIRN 15.41 120 P 26 49.07 0.0
TEH 15.99 274 ePc 26 58.00 2.2
RAMN 16.14 121 P 26 57.32 -0.4
BRVK 16.74 358 iPd 27 03.00 -1.3
1.1s 2300.00nm 6.5mb
Z 12s 58.02um 4.4MszX
N 12s 47.70um
E 12s 37.10um

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BAK     17.13 290 iPc    27 10.00    1.6
POO     17.89 172 iPc    27 20.00    3.3X
        0.8s    77.61nm          5.2mb
LSA     18.03 106 ePd    27 20.41    1.8
MAK     19.39 297 iPc+   27 32.00    0.1
     Z  14s     45.00um
     N  14s     21.00um
     E  14s     40.00um
              iS         30 58.00
KER     19.69 271 iPc    27 36.30    1.1
TAB     19.82 282 eP     27 38.00    1.5
              i          27 39.00    4kmX
HYB     19.95 159 iPc    27 39.50    1.7X
        0.8s  2071.40nm          6.7mb
              esP        28 40.00
              iS         31 06.00
DHR     20.49 247 iPd    27 43.50    0.5
              eS         31 20.00
GNI     21.06 288 iPc    27 53.14    4.5X
MTA     21.11 293 iPc+   27 50.80    1.8
        0.8s   820.00nm          6.3mb
SVE     21.67 344 iPd+   27 55.00    0.7
        1.5s  4700.00nm          6.8mb
              i          29 00.00
              iS         31 32.00
ARU     21.79 341 eP     27 56.92    1.4
        1.5s  6600.00nm          6.9mb
     Z  12s     44.00um          6.1MszX
     E  12s     17.00um
              e          29 02.00
              eS         31 39.00
PYA     22.71 298 iP     28 05.00    0.5
     Z  17s     14.50um          5.5MszX
     N  17s     11.00um
     E  17s     23.50um
              i          28 42.00 196kmX
              iPPP       29 14.00
              iS         31 51.00
KIV     22.96 298 iPc    28 08.20    1.1
GBA     23.32 164 P      28 13.00    2.5X
        0.9s   999.90nm          6.4mb
              S          32 19.00
RYD     24.01 248 iPd    28 18.50    1.5
              iS         32 18.00
MJMA    24.40 252 iPc    28 21.53    0.9
              eS         32 23.30
SOC     25.04 297 iPc+   28 27.00    0.7
        3.0s  2175.00nm          6.2mb
     Z  11s     12.60um          5.7MszX
     E  11s     15.50um
              e          29 06.00 199kmX
              eS         32 28.00
QASM    25.64 254 ePc    28 32.00    0.0
              eS         32 50.00
LZH     26.33  81 eP     28 39.83    1.5
        2.0s  1112.00nm          6.2mb
              pP         29 26.00 238kmX
              PP         29 33.00
              SP         29 53.00
              iS         32 57.00
              sS         34 20.00
UQSK    26.70 255 ePc    28 32.00   -9.6X
              eS         33 20.00
ANN     26.91 299 iPc+   28 42.50   -0.7
        1.6s   590.00nm          6.0mb
     Z  18s      9.70um          5.4Msz
     N  16s     12.00um
     E  15s     21.00um
              ipP        29 30.00 244kmX
              iS         33 00.00
ZAK     27.03  49 iPd    28 44.40    0.2
        1.4s  1116.00nm          6.3mb
     Z  17s      8.08um          5.4MszX
     N  15s      6.71um
     E  15s      9.04um
              e          29 32.00 244kmX
              e          32 00.50
              eS         33 06.00
KVT     27.67 291 iP     28 49.00   -1.2
BNN     27.95 286 iP     28 53.60    0.7
KMSA    28.19 243 iPc    28 54.66   -0.4
              eS         33 15.00
IRK     28.28  45 iP+    28 54.00   -1.5
        1.3s   257.00nm          5.7mb
     Z  14s      7.49um          5.4MszX
     E  14s      8.33um
              e          30 05.00 393kmX
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              e          32 02.50
              eS         33 20.00
BHL     29.02 276 P      29 03.00    0.6
              S          33 40.00
SIM     29.17 299 iP+    29 03.00   -0.4
              eS         33 38.00
              e          35 00.00
KMI     29.25 104 eP     29 05.14    0.5
        0.8s   150.00nm          5.7mb
     Z  16s      4.10um          5.1MszX
     N  11s      4.10um
     E  10s      2.20um
              pP         29 20.10  61kmX
              PP         29 53.00
              PPP        30 10.10
              S          33 34.00
              iS         33 40.00
              SS         34 56.00
              PcS        35 57.00
JARJ    29.26 272 Pd     29 06.53    2.1X
SHMJ    29.26 273 P+     29 07.16    2.8X
SALJ    29.54 272 P+     29 09.14    2.3X
KFNJ    29.59 272 P+     29 09.65    2.5X
MASJ    29.60 272 Pd     29 09.72    2.3X
MKRJ    29.72 271 P+     29 10.74    2.3X
LISJ    29.95 271 P+     29 12.82    2.5X
CHTO    30.05 118 ePc    29 11.51    0.2
        0.8s   109.81nm          5.6mb
              e          29 58.40 234kmX
FAM     30.08 279 eP     29 12.00    0.5
OBN     30.12 320 iPc    29 11.75    0.2
        2.1s  4940.00nm          6.8mb
     Z  18s      8.60um          5.4Msz
     N  18s      7.00um
     E  18s      6.70um
              ipP        29 59.00 236kmX
              epP        29 59.10
              i          30 20.00
              isP        30 26.00
              i          32 07.50
              iS         33 52.00
              isS        35 14.00
              i          35 50.00
              i          39 16.00
NAQJ    30.36 268 P+     29 16.94    2.7X
CSS     30.62 279 eP     29 16.00   -0.3
MRSJ    30.63 268 P+     29 18.83    2.4X
HSHJ    30.66 267 P+     29 18.50    1.7
TAIF    30.69 249 iPc    29 18.70    1.5
DHJN    30.69 240 iPc    29 18.30    0.9
ABHA    30.82 242 iPc    29 21.53    3.1X
AQBJ    30.83 268 P+     29 20.46    2.3X
XAN     30.85  83 eP     29 18.61    0.3
              epPd       30 05.12 231kmX
              e          30 33.76
WAJH    31.09 261 iPc    29 22.66    2.2X
BDT     31.13 120 iPc    29 21.00    0.2
        1.0s   669.40nm          6.3mb
PPCY    31.43 279 eP     29 24.00    0.8
GPA     32.07 290 iP     29 29.00    0.1
BCK     32.27 284 eP     29 30.10   -0.6
ALT     32.38 287 iP     29 31.80    0.1
HRT     32.51 291 iP     29 31.80   -0.8
YLV     32.76 290 iP     29 35.10    0.3
ISK     32.94 291 eP     29 36.10   -0.2
ELL     32.94 283 iP     29 37.00    0.5
KHL     32.95 286 iP     29 37.00    0.5
KIS     32.96 302 iPc+   29 36.50    0.1
        2.5s  3110.00nm          6.5mb
     Z  16s      8.50um          5.5MszX
              ipP        30 25.00 239kmX
              i          30 46.00
              i          30 52.00
              iS         34 35.00
LOE     32.96 117 eP     29 36.50   -0.2
CTT     33.41 292 eP     29 40.60    0.3
PSN     33.41 296 eP     29 40.00   -0.3
KCT     33.56 290 iP     29 41.50   -0.2
CIT     33.71  49 eP     29 43.00    0.1
              e          31 00.00 411kmX
              eS         34 49.00
HLW     33.78 271 eP+    29 44.80    1.2
              ePcP       31 19.00
              eS         34 48.50
DMK     33.84 293 iP     29 44.20    0.2
BNT     33.88 290 iP     29 44.60    0.2
EDC     33.92 290 iP     29 45.00    0.3
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IZM     34.69 287 eP     29 48.60   -2.7X
PUL     35.12 325 ePc    29 55.00    0.5
        2.0s  3360.00nm          6.6mb
              i          30 43.00 228kmX
              i          31 06.00
              iS         35 08.50
              e          37 37.00
              e          39 47.00
EZN     35.17 290 iP     29 56.50    1.3
ALN     35.23 291 iP     29 55.98    0.3
BJI     35.32  70 eP     29 58.00    1.6
        1.2s   244.00nm          5.7mb
              epP        30 48.00 239kmX
              esP        31 17.00
              ePcP       32 22.00
              eS         35 08.00
              eScP       35 44.00
              esS        36 40.00
              eSS        37 40.00
              eScS       39 50.00
DIM     35.47 294 iPc    29 57.00   -0.7
PVL     35.51 296 eP     29 57.00   -1.0
KDZ     35.60 293 iPc    29 58.00   -0.9
PLD     36.08 294 iPc    30 12.00    9.2X
RZN     36.12 293 iPc    30 03.00   -0.4
LVV     36.35 307 iPc    30 05.00    0.0
     Z  17s     33.00um          6.2MszX
              ipP        30 48.00 200kmX
              i          31 20.00
              iPPP       31 34.00
              iS         35 28.00
              iSSS       38 16.00
PGB     36.43 295 iPc    30 12.00    6.2X
OUR     36.86 291 iP     30 10.01    0.6
MMB     36.87 293 iPc    30 09.00   -0.5
SRS     37.03 292 iP     30 11.32    0.4
VTS     37.12 295 iPc    30 11.00   -0.8
PAIG    37.16 290 iP     30 12.78    0.9
SOH     37.26 292 eP     30 12.88    0.0
KKB     37.31 294 iPc    30 12.00   -1.2
HIA     37.31  54 iPc    30 14.28    1.1
              epPd       31 02.28 226kmX
              esPd       31 26.78
UZH     37.44 305 iPc+   30 16.00    1.8
        2.0s  1960.00nm          6.3mb
              epP        31 03.00 221kmX
              i          31 28.00
              e          31 44.00
              iS         35 50.00
              isS        37 15.00
KNT     37.55 292 eP     30 15.32    0.1
THE     37.58 292 eP     30 15.92    0.5
LVZ     37.66 338 iPc    30 16.09    0.2
              epP        31 04.43 232kmX
VAY     37.77 293 iP     30 17.60    0.6
        1.3s   430.00nm          5.9mb
KAF     37.83 327 iP     30 17.70    0.5
        0.4s    76.20nm          5.6mb
GRG     37.95 292 eP     30 18.52   -0.1
LIT     38.03 291 eP     30 18.84   -0.4
NUR     38.03 324 eP     30 19.30    0.4
QIZ     38.07 106 ePc    30 20.06    0.3
              isPd       31 32.56
AGG     38.35 289 eP     30 21.60   -0.4
FNA     38.74 292 eP     30 25.00   -0.2
OHR     39.12 293 iP     30 27.00   -1.2
        1.3s   140.00nm          5.4mb
              i          31 36.00 349kmX
              i          32 31.00
              iS         36 10.20
PVY     39.49 295 iPc    30 32.34    1.0
IVA     39.51 296 iPc    30 32.78    1.4
HKC     39.72  99 iP     30 35.20    1.9
              iS         37 07.00
IGT     39.77 290 eP     30 32.52   -1.0
PLE     39.81 296 eP     30 35.36    1.4
AAE     40.03 235 iP     30 39.60    3.4X
TTG     40.04 295 iPc    30 35.60    0.0
SDF     40.04 335 iP     30 36.30    0.9
ULC     40.12 294 iPc    30 35.92   -0.5
SRO     40.12 304 iP     30 38.00    1.7
              e          00 34.30
OKC     40.16 307 iPc    30 37.50    0.9
              e          30 49.10  42kmX
              e          30 55.00
              e          31 26.40
              e          31 54.00
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30d 09h

e 32 14.00
e 32 36.30
e 33 16.00
S 36 26.00
e 37 58.00
e 39 32.00
NKY 40.17 296 iPc 30 37.44 0.5
BDV 40.38 295 iPc 30 38.40 -0.1
BRY 40.49 296 iPc 30 39.86 0.3
HCY 40.59 295 iPc 30 39.98 -0.2
ZST 40.91 304 iPc 30 43.40 0.6
ipP 31 31.30 227kmX
iPP 32 16.40
iPcP 32 31.10
KEV 41.00 338 iPc 30 43.74 0.5
epPc 31 32.74 233kmX
esPd 31 56.25
DPC 41.26 308 iPc 30 47.44 1.7
esPd 32 00.61
UPP 41.27 322 iPc 30 45.60 0.1
ipPP 31 35.00
i 32 34.00
iS 36 41.00
LCI 41.39 292 eP 30 45.50 -1.3
VKA 41.43 304 iPc 30 48.10 1.0
3.3s 3866.00nm 6.3mb X
i 31 36.60 230kmX
i 32 02.10
i 32 37.00
i 36 09.40
i 40 08.00
SSE 41.59 82 iPc 30 49.79 1.3
1.0s 774.00nm 6.1mb
Z 16s 4.90um 5.5MszX
N 14s 2.00um
E 12s 3.10um
pP 31 36.00 217kmX
epPd 31 38.79
esP 32 03.46
sP 32 04.90
PPP 33 42.00
iS 36 44.00
sS 38 28.00
ScS 40 26.01
BRT 41.84 293 eP 30 51.40 1.0
ZAG 41.89 301 iPc 30 51.50 0.7
PTJ 41.91 301 iPc 30 51.30 0.2
BSD 42.21 315 iPc 30 52.30 -0.9
0.6s 230.00nm 5.8mb
i 31 42.00 235kmX
i 32 34.00
FG3 42.59 295 eP 30 56.79 0.2
TDS 42.75 292 eP 30 58.79 1.0
BRG 42.81 308 iPc 30 58.70 0.5
2.0s 1300.00nm 6.0mb
ipP 31 48.60 236kmX
isP 32 14.40
iS 37 08.00
LJU 42.87 301 iP 30 59.90 1.1
e(pP) 31 49.30 233kmX
ipP 31 50.00
esP 32 13.80
isP 32 17.00
ePcP 32 43.50
eScP 36 12.50
eS 37 06.00
eSS 38 27.50
esS 38 28.00
eScS 40 32.00
eScS 40 32.30
GRI 42.89 290 eP 30 59.40 0.4
KMR 42.91 304 iP+ 30 59.70 0.7
i 32 17.20 396kmX
i 32 46.00
i 33 54.50
FG4 43.03 294 eP 31 00.80 0.7
RIY 43.08 300 iPc 31 00.30 -0.1
BRNL 43.11 311 iPc 31 01.10 0.5
epP 32 17.30 387kmX
ePP 32 46.00
GEC2 43.12 305 P 31 00.10 -0.7
1.1s 75.09nm 5.0mb X
e 31 03.80 12kmX
e 31 06.50
e 31 14.60
e 31 21.00
e 32 43.90

PcP 32 46.90
PcS 36 14.60
BRN 43.21 311 iPc 31 02.80 1.4
MGR 43.22 293 eP 31 02.00 0.3
HFS 43.27 322 eP 31 01.50 -0.3
0.8s 497.50nm 6.0mb
SGO 43.31 293 eP 31 03.20 0.9
VOY 43.32 301 iPc 31 02.80 0.3
i 31 53.00 237kmX
i 32 20.40
iPP 32 47.00
SOI 43.36 290 eP 31 03.00 0.2
CLL 43.38 309 iPc 31 02.90 0.1
2.4s 1550.00nm 6.0mb
ipP 31 53.00 237kmX
isP 32 19.30
eS 37 11.00
KLM 43.41 132 ePc 31 04.00 0.6
0.9s 1167.30nm 6.3mb
TRI 43.45 301 e(P) 31 03.30 -0.1
e(pP) 31 53.80 239kmX
i(PP) 32 30.30
e 32 46.60
e 33 16.00
e(pPP) 33 25.40
e(S) 37 08.00
e(sS) 38 36.00
e(SS) 40 16.00
e 41 20.00
GMB 43.48 290 eP 31 04.40 0.5
KBA 43.55 303 iPc 31 04.40 -0.1
2.0s 1016.00nm 5.9mb
i 31 24.30 82kmX
i 31 55.30
i 32 47.60
i 36 15.60
i 36 42.80
WET 43.63 306 iPc 31 05.40 0.5
2.3s 1357.00nm 6.0mb
COP 43.64 315 iPc+ 31 06.00 1.2
1.3s 753.85nm 6.0mb
i 31 54.00 225kmX
e 32 20.00
e 32 50.00
iS 37 18.00
DUI 43.69 295 eP 31 06.19 0.6
MSI 43.70 290 P 31 07.94 2.4X
BHG 43.78 304 iPc 31 06.50 0.4
ATN 43.79 290 eP 31 06.30 0.1
FVI 44.00 302 eP 31 07.40 -0.3
YAK 44.06 35 iPc+ 31 07.50 -0.5
0.8s 2114.00nm 6.6mb
iPPP 33 41.00
i 40 35.00
RFI 44.12 295 eP 31 09.39 0.6
MOX 44.30 308 iPc+ 31 10.90 0.7
2.2s 1647.00nm 6.1mb
Z 20s 2.80um 5.2Msz
epP 32 01.90 241kmX
esP 32 27.90
ePP 32 51.30
eS 37 31.00
eSS 41 00.00
AQU 44.32 296 eP 31 11.19 0.8
VVI 44.34 302 eP 31 10.89 0.4
MDJ 44.40 60 iPc 31 11.05 0.1
epP 32 00.21 231kmX
ARV 44.41 298 eP 31 11.80 0.7
MNO 44.43 290 eP 31 12.60 1.0
MEU 44.49 289 eP 31 12.80 0.9
PZI 44.52 288 eP 31 12.30 0.2
NB2 44.58 323 P 31 12.00 -0.3
0.8s 282.70nm 5.7mb
GRF 44.65 307 iPc 31 14.30 1.4
1.6s 1433.00nm 6.1mb
ipPc 32 05.20 240kmX
isPd 32 30.90
(PcP) 32 51.50
e(PP) 32 53.60
GRFO 44.65 307 iPc 31 14.28 1.4
epP 32 05.27 240kmX
esPd 32 27.78
RSM 44.68 299 eP 31 14.19 1.1
WTTA 44.68 303 iPc 31 12.70 -0.7
1.8s 975.00nm 5.9mb
i 32 03.70 240kmX
i 32 52.10

i 36 18.80
i 36 44.70
ASS 44.70 297 eP 31 14.00 0.6
WATA 44.71 304 iPc 31 12.80 -0.8
2.0s 1068.00nm 5.9mb
i 32 03.60 239kmX
i 32 51.80
i 36 20.10
i 36 47.10
NBO 44.79 323 eP 31 12.03 -1.9
FUR 44.80 305 iPc 31 14.80 0.7
2.2s 4926.00nm 6.5mb
ePcP 32 52.50
eS 37 34.20
MNS 44.83 296 eP 31 14.50 0.0
CTI 44.86 302 eP 31 14.80 0.1
RDP 44.94 296 eP 31 14.89 -0.5
SQTA 44.97 303 iPc 31 15.10 -0.5
1.6s 721.00nm 5.8mb
i 32 05.80 238kmX
i 32 53.20
i 36 21.50
i 36 46.60
MOTA 45.03 304 iPc 31 15.30 -0.8
1.6s 603.00nm 5.7mb
i 31 35.00 81kmX
i 32 06.00
i 32 53.10
i 36 21.50
CRE 45.09 298 P 31 35.54 18.9X
SFI 45.11 299 eP 31 17.79 1.3
OGA 45.15 303 iPc 31 16.90 -0.3
PGD 45.21 299 eP 31 18.87 1.3
KGM 45.28 131 ePc 31 19.90 1.7
e 32 41.90 419kmX
KONO 45.29 321 iPc 31 17.62 -0.1
0.6s 121.76nm 5.5mb
SAL 45.71 301 eP 31 22.12 0.9
OSS 45.78 303 iPc 31 21.70 -0.4
BDI 45.96 299 P 31 13.35 -10.1X
PII 46.09 299 eP 31 23.70 -0.6
MDI 46.24 302 eP 31 24.89 -0.6
VDL 46.27 303 iPc 31 25.50 -0.5
TNS 46.36 308 iPc 31 26.80 0.3
e 31 39.90 49kmX
iPPc 32 17.90
e 32 43.60
iPcP 32 58.40
iScP 36 26.90
LLS 46.52 303 iPc 31 27.30 -0.7
BOB 46.62 300 eP 31 29.43 0.8
SLE 46.70 305 iPc 31 28.60 -0.6
TMA 46.75 302 iPc 31 28.80 -0.9
ZLA 46.82 304 iP+ 31 29.50 -0.6
HOFF 46.86 306 P 31 31.14 0.9
VAI 46.87 302 eP 31 29.50 -0.8
BBP 46.92 95 ePc 31 31.80 0.8
SRBF 46.94 306 P 31 31.79 0.9
PIP 46.95 99 iPc 31 33.00 1.7
LANF 46.96 306 P 31 31.35 0.3
FEL 47.00 305 P 31 30.90 -0.7
APL 47.02 304 iP+ 31 31.10 -0.5
STR 47.05 306 P 31 31.79 0.0
BNS 47.07 309 iPc 31 31.80 -0.1
2.5s 465.00nm 5.4mb
Z 18s 9.20um 5.8Msz
i 32 22.00 233kmX
WIT 47.15 312 iPd 31 33.00 0.5
epP 32 24.00 237kmX
esP 32 51.00
WTS 47.16 311 iPc 31 33.00 0.4
2.0s 2444.40nm 6.2mb
epP 32 25.00 243kmX
esP 33 00.00
LIBD 47.23 305 P 31 32.65 -0.5
PCP 47.30 300 P 31 32.83 -1.0
WLS 47.35 306 P 31 33.75 -0.4
CDF 47.40 306 iPc 31 34.00 -0.6
0.9s 90.10nm 5.1mb
BBS 47.41 304 P 31 33.75 -0.9
PGF 47.44 298 iPc 31 34.40 -0.6
1.6s 738.80nm 5.8mb
ORO 47.46 302 eP 31 33.29 -1.8
ECH 47.51 305 P 31 35.08 -0.3
CKI 47.51 300 eP 31 34.20 -1.2
MOF 47.59 305 P 31 35.73 -0.3
FIN 47.61 300 P 31 34.79 -1.4

DIX	47.75	303	iPc	31 37.30	-0.3
BSF	47.82	305	iPc	31 37.50	-0.4
	0.7s	224.00nm			5.7mb
ROB	47.83	300	P	31 36.76	-1.1
MEM	47.85	309	iPc	31 38.26	0.4
ENN	47.88	309	iPc	31 38.20	0.1
	2.0s	1166.70nm			5.9mb
			epP	32 29.50	238kmX
			esP	33 02.00	
			e	43 10.00	
LOMF	47.89	304	P	31 37.91	-0.5
IMI	47.90	300	P	31 38.32	-0.2
WLF	47.91	307	iPc	31 37.09	-1.3
			ipPd	32 29.28	242kmX
			isP	32 56.10	
			S	38 26.00	
BAG	47.97	101	ePc+	31 40.00	0.6
	1.0s	836.00nm			6.1mb
			e	32 30.00	231kmX
			eS	38 22.00	
BCP	47.99	101	eP	31 39.00	-0.6
RSP	48.06	301	P	31 37.22	-2.5X
LSD	48.06	302	P	31 39.42	-0.5
EMS	48.08	303	ePd	31 40.40	0.4
CGL	48.08	293	eP	31 39.50	-0.5
HAU	48.08	305	iPc	31 39.50	-0.3
	1.2s	578.40nm			5.8mb
SAOF	48.12	300	P	31 39.89	-0.2
BHB	48.12	301	P	31 38.18	-1.9
DBN	48.15	311	iP+	31 42.00	1.9
			epP	32 32.00	231kmX
			esP	32 54.00	
			ePP	34 46.00	
			iS	38 23.00	
			esS	39 38.00	
ENR	48.16	300	P	31 39.65	-0.8
AUTN	48.21	300	P	31 41.21	0.2
DOI	48.21	300	eP	31 39.09	-1.8
STV	48.22	300	P	31 39.23	-1.7
SBF	48.23	300	iPc	31 40.90	-0.1
	1.2s	518.90nm			5.8mb
CVP	48.25	99	ePd	31 42.00	0.7
AURF	48.30	300	P	31 41.43	-0.2
REVF	48.31	299	P	31 41.43	-0.2
PZZ	48.31	301	P	31 39.92	-1.8
LPG	48.33	302	iPc	31 42.00	0.0
	1.1s	474.70nm			5.8mb
TOUF	48.33	300	P	31 42.32	0.4
LPL	48.34	302	iPc	31 42.10	0.1
	1.1s	632.95nm			5.9mb
SHNJ	48.35	74	P	31 43.50	1.5
MVIF	48.42	300	P	31 42.54	-0.1
RRL	48.44	301	P	31 42.48	-0.3
BNI	48.48	301	eP	31 42.70	-0.3
SURF	48.52	301	P	31 43.32	-0.1
FOUF	48.53	301	iPc	31 43.18	0.0
			i(pP)	32 35.31	241kmX
			e	38 26.10	
CALN	48.64	300	P	31 44.07	-0.2
KUMJ	48.71	76	P	31 45.00	0.3
DOU	48.83	308	Pc-	31 46.00	0.6
			pP	32 39.00	246kmX
			PcP	33 07.00	
			e	34 26.00	
			S	38 35.00	
			e	40 04.00	
UCC	48.86	309	P+	31 46.00	0.4
			pP	32 32.00	209kmX
			S	38 32.00	
FRF	48.86	299	iPc	31 45.20	-0.6
	1.3s	482.30nm			5.8mb
CHDN	48.86	300	iPc	31 45.50	-0.3
SNF	48.95	309	P	31 46.70	0.4
			pP	32 39.00	242kmX
LMR	49.02	299	iPc	31 46.20	-0.7
	1.8s	611.10nm			5.7mb
GRN	49.08	302	P	31 47.16	-0.3
LRG	49.09	299	iPc	31 47.00	-0.5
	1.8s	759.60nm			5.8mb
Z	22s	3.65um			5.3Msz
NAI	49.18	228	iPc	31 50.50	1.8X
	1.0s	*******nm			7.7mb X
Z	20s	2.73um			5.2Msz
			iPcP-	33 04.00	
			iPP-	33 46.00	
			iPPP-	34 50.00	
			iS	38 34.00	
TAVF	49.26	300	P	31 48.83	0.0
GANF	49.27	300	P	31 48.59	-0.3
KAGJ	49.27	78	P	31 49.50	0.5
DOMF	49.29	308	P	31 49.18	0.3
QCP	49.37	103	eP	31 54.00	4.1X
VILF	49.44	300	P	31 50.04	-0.2
CDR	49.45	300	iPc	31 49.80	-0.4
			epP	32 40.40	232kmX
			i	33 09.10	
			e	48 32.40	
PUYF	49.53	300	P	31 50.99	0.1
BERF	49.60	299	P	31 51.24	-0.2
TREF	49.73	300	P	31 52.68	0.3
GELF	49.76	299	P	31 52.60	-0.1
YONJ	49.80	72	P	31 51.30	-1.7
PRAF	49.83	300	P	31 53.40	0.2
LBF	49.87	304	iPc	31 52.60	-0.8
	1.2s	283.25nm			5.6mb
LOR	49.88	305	iPc	31 52.50	-1.0
	1.7s	426.45nm			5.6mb
Z	23s	4.18um			5.4MszX
SSB	49.89	302	P	31 53.56	-0.1
PGP	49.94	104	iPc	31 54.00	-0.3
SMF	50.04	304	iPc	31 54.20	-0.5
	1.4s	1076.95nm			6.1mb
SSF	50.16	305	iPc	31 55.00	-0.6
	1.3s	417.35nm			5.8mb
MENF	50.28	309	P	31 56.00	-0.4
AVF	50.33	304	iPc	31 56.40	-0.5
	1.4s	1090.85nm			6.1mb
TKSJ	50.68	73	P	32 00.00	0.3
HYF	50.69	305	iPc	31 59.40	-0.2
BGF	50.72	304	iPc	31 59.20	-0.7
	1.4s	342.40nm			5.6mb
GQP	50.88	102	ePc	32 02.00	0.7
MAF	51.00	304	iPc	32 01.90	0.0
	1.5s	1019.55nm			6.1mb
KKM	51.04	115	ePc	32 06.00	3.3X
			e	33 00.00	248kmX
TCF	51.22	304	iPc	32 03.40	-0.2
	1.5s	1128.20nm			6.1mb
TSRJ	51.60	70	P	32 06.30	-0.3
CAF	51.68	302	eP	32 07.00	-0.1
	1.9s	1300.45nm			6.1mb
LSF	51.68	304	iPc	32 06.20	-0.9
	1.5s	864.95nm			6.0mb
WKYJ	51.78	72	P	32 06.00	-2.0
PERF	51.82	299	P	32 06.98	-1.1
ETER	51.89	299	iPc	32 07.88	-0.7
MTHF	51.92	300	P	32 08.57	-0.3
RJF	51.95	303	eP	32 09.00	0.0
	1.9s	1723.20nm			6.2mb
Z	21s	1.85um			5.1Msz
LDF	52.17	307	iPc	32 09.70	-0.9
	1.5s	814.80nm			6.0mb
LPO	52.35	302	iPc	32 11.70	-0.2
	1.9s	1042.75nm			6.0mb
FLN	52.35	308	iPc	32 11.00	-0.9
	1.5s	768.85nm			6.0mb
Z	22s	2.33um			5.2Msz
TRGS	52.45	299	P	32 12.31	-0.6
ESK	52.51	316	iPc	32 12.10	-0.9
			epP	33 03.75	234kmX
			esP	33 26.59	
LFF	52.58	303	iPc	32 13.50	-0.1
	1.5s	948.50nm			6.1mb
MTMJ	52.60	68	P	32 13.30	-0.7
GRBF	52.65	300	P	32 13.35	-0.9
ESEL	52.66	296	iPc	32 14.01	-0.3
GRR	52.69	307	iPc	32 13.50	-0.9
	1.4s	770.25nm			6.0mb
MFF	52.71	305	iPc	32 13.60	-0.9
	1.6s	838.30nm			6.0mb
YSS	52.80	55	iPc	32 14.76	-0.4
	1.0s	660.00nm			6.1mb
Z	14s	5.90um			5.8MszX
E	14s	3.00um			
			iS	32 24.00	
			epPd	33 06.24	233kmX
			ePcP	33 20.81	
			e	33 21.00	
			e	40 54.00	
			e	41 31.00	
LPF	52.90	307	iPc	32 14.80	-1.1
	1.6s	482.60nm			5.8mb
SALF	52.92	300	P	32 14.59	-1.7
MAJO	52.92	68	iPc	32 15.13	-1.1
	0.7s	222.09nm			5.8mb
			epPd	33 06.44	232kmX
			ePcP	33 21.51	
MAT	52.92	68	iPc+	32 15.10	-1.2
	1.2s	545.31nm			6.0mb
			eS	39 20.00	
SAP	53.01	60	eP	32 16.00	-0.8
			eS	39 28.00	
MRRJ	53.02	61	P	32 15.90	-1.0
IIDJ	53.08	70	P	32 16.10	-1.4
AOMJ	53.13	63	eP	32 17.60	-0.1
NIIJ	53.26	67	P	32 17.30	-1.4
EPF	53.43	300	iPc	32 18.50	-1.5
	1.4s	316.30nm			5.7mb
TSM	53.44	115	iPd	32 20.50	0.2
	0.9s	1405.50nm			6.5mb
ABA	53.59	292	iPd	32 19.00	-2.2
ASAJ	53.59	58	P	32 19.80	-1.3
CHJJ	53.69	69	P	32 20.60	-1.3
YAMJ	53.70	66	P	32 21.40	-0.6
BTH	53.78	301	iPc	32 21.00	-1.5
			i	32 34.00	47kmX
			i	32 37.50	
			i	33 13.00	
			i	33 16.50	
			iPcP	33 25.00	
			i(sP)	33 40.00	
			i	33 55.00	
			esPP	35 15.00	
			e(PPP)	35 45.00	
JAU	53.92	301	P	32 23.40	-0.3
OGE	53.95	301	P	32 22.44	-1.3
ESCF	54.05	301	P	32 24.05	-0.4
ATE	54.13	301	P	32 22.92	-2.2
LHE	54.13	301	P	32 24.78	-0.4
EGRA	54.15	300	iPc	32 21.29	-3.9X
MADF	54.20	301	P	32 23.89	-1.7
MAP	54.20	105	iPc	32 27.00	1.1
ISSF	54.22	301	P	32 25.19	-0.6
ELYF	54.31	301	P	32 24.78	-1.6
BOH	54.34	301	P	32 25.19	-1.5
PLP	54.48	103	ePd	32 27.30	-0.6
KAKJ	54.52	68	P	32 26.30	-1.6
OFUJ	54.57	64	P	32 27.00	-1.2
HOOJ	54.59	60	eP	32 27.30	-1.0
ELIZ	54.68	301	eP	32 29.37	0.4
DLF	54.88	314	iP	32 29.30	-0.9
ECP	55.09	313	eP	32 30.70	-1.0
ECB	55.28	313	eP	32 32.60	-0.5
DCN	55.30	314	iPc	32 32.60	-0.7
KUSJ	55.34	59	P	32 31.50	-2.2
ACU	55.51	295	eP	32 34.47	-0.6
ECHE	55.52	297	iPc	32 35.04	-0.1
ECRI	55.55	301	iPc	32 35.00	-0.3
ETOR	55.85	299	iPc	32 36.40	-1.1
EALH	56.49	295	P	32 41.79	-0.1
	1.1s	302.50nm			5.9mb
EVIA	56.98	296	iPc	32 44.93	-0.5
AKU	57.23	331	iP	32 48.10	1.4
	2.1s	1840.00nm			6.4mb
			i	33 40.00	231kmX
BIP	57.25	105	ePc	32 46.50	-1.0
EHUE	57.36	295	iPc	32 47.50	-0.6
ENIJ	57.41	294	eP	32 47.47	-0.9
DAV	57.43	107	eP	32 45.00	-3.8X
			eS	40 32.00	
VAL	57.44	313	PKP	32 48.00	-0.4
	1.0s	10.70nm			4.5mb X
PAB	57.96	298	iPc	32 51.43	-0.8
			e	33 40.76	
			pP	34 06.90	351kmX
			iS	40 28.00	
			iSS	41 58.00	
EBAN	58.09	296	iPc	32 52.36	-0.8
SJI	58.10	131	ePc	32 52.00	-1.3
	1.0s	5.00nm			4.1mb X
ECOG	58.28	295	iPd	32 52.88	-1.7
TAF	58.44	292	iPd	32 56.50	0.9
			i	33 45.50	216kmX
EGUA	58.46	295	iPc	32 54.06	-1.6
ERON	58.56	295	iPd	32 54.63	-1.9
TRT	58.61	130	iPc	32 55.50	-1.4
ELUQ	58.68	296	iPc	32 55.86	-1.4
ELOJ	58.76	295	iPd	32 55.70	-2.2
EPLA	58.98	299	iPc	32 58.90	-0.3
MVO	59.21	301	iPc	33 00.70	-0.2
ALE	59.22	354	iPc	33 00.43	0.1

30d 09h

ePcP 33 44.63
esPd 34 15.92
EHOR 59.29 296 iPc 33 00.29 -1.0
EPRU 59.63 296 iPc 33 01.77 -1.9
MTE 59.87 300 iPc 33 06.00 0.7
EJIF 60.01 295 iPc 33 04.38 -1.9
ALJ 60.02 295 iPc 33 06.50 0.1
GIBL 60.21 296 iPc 33 07.40 -0.2
MOMI 60.25 295 eP 33 05.80 -2.1
PTO 60.31 301 iPc 33 07.80 -0.4
epP 33 51.40 188kmX
eS 41 06.00
PLAT 60.37 295 iPc 33 07.80 -0.9
EVAL 60.47 297 eP 33 08.57 -0.8
MNI 60.49 112 eP 33 07.50 -2.3
SFS 60.55 295 iP 33 08.00 -1.9
iS 41 04.00
ScS 42 28.00
eSS 45 32.00
PET 60.59 44 iPc+ 33 07.00 -2.9X
1.0s 270.00nm 5.9mb
Z 18s 2.60um 5.4Msz
epP 33 50.00 185kmX
esP 34 00.00
eS 41 02.00
DNP 60.98 128 ePc 33 21.00 8.0X
e 35 41.50 782kmX
KHKI 60.99 128 iPd 33 09.80 -3.3X
e 39 56.70
IFR 61.03 292 iPd 33 13.50 0.1
i 33 15.50 7kmX
MOE 61.22 298 iPc 33 14.00 -0.4
MKS 61.23 122 iPc 33 12.60 -2.1
FIG 61.45 297 iPc 33 16.50 0.6
LIS 61.70 299 iPc 33 17.50 0.0
AVE 62.83 293 iP 33 24.00 -1.1
i 33 53.00 118kmX
i 34 47.00
TIO 63.82 290 iPc 33 31.00 -0.7
i 34 06.00 146kmX
ILT 63.86 23 iPc+ 33 30.40 -0.9
1.4s 1720.00nm 6.6mb
Z 14s 2.90um 5.6MszX
E 14s 3.70um
i 34 02.00
ipP 34 22.00 223kmX
e 35 52.00
eSP 41 50.00
i 42 58.00
eSS 46 00.00
eSSS 49 00.00
WSI 65.03 125 ePc 33 37.70 -1.7
GDH 67.21 341 iPc 33 52.80 0.2
0.8s 328.36nm 6.1mb
i 34 46.00 228kmX
i 35 10.00
i 37 37.00
i 42 25.00
BRW 67.44 15 iPd 33 53.81 -0.2
epP 34 46.68 226kmX
MBC 67.51 3 ePc 33 54.40 0.1
1.0s 169.00nm 5.7mb
pP 34 48.00 230kmX
RES 68.88 356 ePc 34 02.70 0.0
1.0s 119.00nm 5.6mb
SMY 69.03 39 eP 34 02.41 -1.5
1.1s 696.66nm 6.3mb
ePcP 34 26.12
(pP) 34 56.46 231kmX
GUMO 69.05 88 ePc 34 02.46 -2.2
1.3s 1605.25nm 6.6mb
epP 34 55.59 227kmX
esP 35 20.09
GUMO 69.05 88 eP 34 03.63 -1.0
1.3s 1605.25nm 6.6mb
epP 35 00.13 243kmX
PJG 69.05 88 eP 34 00.60 -4.0X
GUA 69.11 88 eP 34 01.30 -3.8X
FUL 70.13 296 iPd 34 12.00 1.0
ANM 70.15 23 eP 34 10.71 0.0
ePcP 34 31.65
epP 35 05.61 234kmX
NANU 72.04 137 iPc 34 22.80 0.5
0.8s 202.00nm 5.9mb
IMA 72.26 18 iPc 34 22.59 -0.7
epP 35 16.54 229kmX
BFT 72.84 218 iPc 34 29.50 2.2

TBT 72.94 293 iPc 34 27.42 -0.2
epP 35 21.88 231kmX
esP 35 45.22
MBL 73.39 133 iPc 34 30.30 0.1
LKO 73.73 270 Pc 34 31.20 -1.3
0.4s 166.50nm 6.1mb
S 43 22.28
SLR 73.78 220 iPc 34 32.20 -0.4
0.8s 1240.00nm 6.7mb
Z 20s 9.33um 6.1Msz
INK 74.06 9 ePc 34 33.60 0.1
1.0s 179.00nm 5.8mb
pP 35 29.50 237kmX
ADK 74.11 37 ePc 34 31.42 -2.6
1.5s 159.38nm 5.5mb
e 34 48.07 60kmX
TTA 74.15 20 iPc 34 34.23 0.0
1.3s 756.99nm 6.3mb
ePcP 34 48.07
ipP 35 29.16 233kmX
NWL 74.58 217 iPd 34 37.90 0.8
0.7s 1540.00nm 6.8mb
COL 74.61 16 iPc 34 36.76 0.1
0.9s 590.00nm 6.3mb
epP 35 31.39 231kmX
FBA 74.61 16 iPc 34 36.62 -0.1
epP 35 31.66 233kmX
KSR 74.61 221 iPc 34 38.50 1.1
1.0s 590.00nm 6.3mb
KIC 74.88 267 Pc 34 38.27 -0.8
0.4s 151.50nm 6.0mb
S 43 49.10
TIC 74.94 267 Pc 34 38.47 -0.9
0.3s 115.00nm 6.1mb
S 43 49.74
KNA 75.10 123 eP 34 39.30 -0.8
PRY 75.17 220 eP 34 41.10 0.6
0.9s 1600.00nm 6.7mb
LIC 75.19 267 Pc 34 39.99 -0.8
0.6s 216.00nm 6.1mb
Z 20s 1.38um 5.3Msz
S 43 52.44
FRB 75.26 343 ePc 34 40.20 -0.2
1.0s 367.00nm 6.1mb
BFS 75.50 220 eP 34 43.10 0.7
0.7s 1040.00nm 6.7mb
SVW 75.71 21 iPc 34 43.57 0.5
1.1s 1703.88nm 6.7mb
e 34 50.20 21kmX
SEK 76.23 219 iPd 34 47.20 0.8
0.8s 1770.00nm 6.8mb
SWZ 76.50 221 eP 34 48.90 1.0
1.0s 2960.00nm 7.0mb
CP2 76.55 20 eP 34 47.62 -0.3
PcP 34 57.29
CRP 76.57 20 ePd 34 47.38 -0.6
PMR 77.10 18 iPc 34 49.92 -0.7
0.9s 408.44nm 6.2mb
epP 35 44.72 230kmX
KDS 77.35 276 iPc 34 50.30 -2.5
TOA 77.39 17 iPc 34 53.00 0.7
BOSA 77.60 220 iPc 34 55.07 1.4
epPd 35 50.52 232kmX
BLF 77.60 219 iPc 34 54.60 0.7
0.9s 2480.00nm 6.9mb
WIN 77.68 230 iPc 34 56.00 1.4
1.0s 1680.00nm 6.7mb
SLKM 77.73 20 iPc 34 53.11 -1.0
epP 35 47.99 230kmX
AUP 77.77 22 eP 34 53.40 -1.1
KLU 77.98 17 iPc 34 55.68 0.1
WWKK 78.15 103 eP 34 56.00 -1.1
FRS 78.56 220 iPd 34 59.00 0.1
0.5s 116.00nm 5.9mb
SDN 78.60 27 eP 34 57.61 -1.3
e 35 25.83 110kmX
HVD 79.16 219 iPd 34 57.60 -4.8X
0.8s 866.00nm 6.5mb
BALM 79.20 16 iPc 35 02.47 0.2
KDC 79.38 22 iPc 35 03.12 0.1
1.5s 14.88nm 4.5mb X
epP 35 58.52 231kmX
MID 79.67 18 ePc 35 04.90 0.4
1.0s 1652.40nm 6.7mb
MBO 80.11 281 iP 35 08.30 0.7
iS 44 54.00
GRM 80.82 217 iPc 35 14.00 3.0X

1.0s 2520.00nm 6.9mb
YKU 81.11 15 eP 35 14.20 2.1
1.1s 2051.60nm 6.8mb
POF 81.14 223 iPc 35 15.00 2.4
WARB 81.25 131 iPc 35 13.50 0.2
NWAO 81.27 142 iPc 35 12.77 -0.4
0.9s 1292.92nm 6.7mb
epP 36 07.67 228kmX
WRAB 81.81 122 ePc 35 16.03 -0.3
RKG 82.48 143 eP 35 19.50 0.0
0.7s 429.00nm 6.3mb
LAT 82.66 104 iPc 35 21.60 0.8
SUR 82.99 221 iPc 35 25.00 2.6
1.0s 2120.00nm 6.8mb
KVG 83.22 98 eP 35 24.80 1.1
ASPA 84.07 125 iPKPc 35 27.80 0.0
0.6s 31.80nm 5.3mb
CRZF 84.18 193 iP 35 31.00 3.3X
iS 45 43.00
SIT 84.32 14 iPc 35 29.48 1.0
1.2s 326.95nm 6.0mb
PMG 84.46 106 iPc 35 29.75 -0.1
epPd 36 25.54 230kmX
CER 84.56 221 iPc 35 30.00 0.0
0.5s 600.00nm 6.6mb
RAB 85.26 99 eP+ 35 34.00 0.1
BLE 85.32 221 iPd 35 35.00 1.3
1.0s 430.00nm 6.2mb
JAQ 85.77 341 ePc 35 35.60 -0.2
LMN 89.07 331 eP 35 53.00 1.2
1.0s 90.00nm 5.7mb
pP 36 51.00 238kmX
FFC 89.12 356 iPc 35 52.26 0.4
epPd 36 48.37 229kmX
CBM 89.41 333 iPc 35 53.75 0.4
1.3s 150.31nm 5.8mb
epP 36 50.54 232kmX
CTAO 90.37 115 iPc 35 58.02 0.0
1.1s 1532.60nm 6.9mb
epP 36 54.61 231kmX
GAC 92.97 337 eP 36 10.50 0.8
ULM 93.04 352 ePc 36 12.00 2.0
LBNH 93.09 334 eP 36 11.40 1.1
1.6s 381.11nm 6.2mb
RSNY 93.70 336 ePc 36 13.68 0.5
1.0s 211.71nm 6.2mb
epP 37 10.03 230kmX
MCW 94.46 9 eP 36 17.35 0.7
epP 37 13.38 228kmX
HRV 94.47 333 iPc 36 17.41 0.7
0.8s 53.57nm 5.8mb
epP 37 15.68 238kmX
esPd 37 38.19
HNR 94.56 98 iPc 36 15.78 -1.7
epPd 37 13.38 235kmX
ADE 94.79 130 eP 36 17.60 -0.5
STW 94.87 10 P 36 19.77 1.3
JCW 95.05 9 P 36 20.01 0.6
WLVO 95.47 338 P 36 21.51 0.3
NEW 95.47 6 iPc 36 21.72 0.4
epPd 37 18.17 230kmX
(sP) 37 43.16
GMW 95.58 9 iPc 36 22.71 1.0
epP 37 19.28 231kmX
DPW 95.77 6 iPc 36 23.16 0.5
epP 37 20.01 232kmX
WTV 95.77 8 P 36 22.80 0.1
RMW 95.79 9 iPc 36 23.13 0.3
epP 37 17.82 222kmX
LSCT 95.79 334 ePc 36 23.06 0.3
1.2s 289.82nm 6.4mb
epP 37 20.48 234kmX
ONR 96.10 10 P 36 25.72 1.6
ACTO 96.24 339 P 36 25.18 0.4
BINY 96.27 336 eP 36 24.78 -0.2
0.8s 63.39nm 6.0mb
epP 37 22.94 238kmX
ePP 40 20.05
FMW 96.33 9 P 36 25.68 0.3
STCO 96.35 339 P 36 25.48 0.3
EBG 96.48 8 P 36 26.37 0.5
LON 96.49 9 ePc 36 26.17 0.2
epP 37 22.41 229kmX
ePP 40 20.85
ePPP 41 14.27
BMW 96.57 10 ePc 36 27.28 1.0
TBR 96.62 334 eP 36 27.31 0.8

TYNO 96.66 339 P 36 26.65 0.0
WAH2 96.74 7 P 36 27.49 0.5
GPD 96.81 334 eP 36 27.50 0.1
YSNY 96.83 338 iPc 36 27.37 -0.1
1.0s 237.35nm 6.5mb
epP 37 23.44 228kmX
ePP 40 19.18
epPP 41 12.37
ELF 96.97 340 P 36 28.35 0.3
SHW 96.98 9 ePc 36 29.29 1.0
LDN 97.08 340 P 36 28.55 0.0
ASR 97.10 9 P 36 29.47 0.7
HRY 97.30 2 ePc 36 30.30 0.7
DLA 97.35 340 P 36 29.60 -0.2
KMOR 97.35 10 P 36 31.11 1.2
LNOR 97.74 7 P 36 31.99 0.4
VGB 97.83 8 ePc 36 32.70 0.7
ePP 40 37.42
SXM 97.88 2 ePc 36 33.20 0.8
ePKKP 53 07.20
eP'P' 01 14.90
BUT 97.97 3 eP 36 35.50 2.7X
JBO 97.99 8 P 36 33.72 1.0
LRM 98.17 3 iPc 36 34.20 0.5
ePKKP 53 05.90
eP'P' 01 12.40
LCCM 98.17 2 ePc 36 34.20 0.6
iPKKP 53 05.80
iP'P' 01 17.10
VBEM 98.18 9 P 36 34.41 0.7
HBMT 98.19 3 ePc 36 34.50 0.6
SSOR 98.26 10 P 36 35.40 1.4
CROR 98.33 9 P 36 35.08 0.8
MEMT 98.43 1 ePc 36 35.60 0.7
AAM 98.43 341 eP 36 34.63 0.0
BGMT 98.77 2 ePc 36 37.10 0.6
VIPM 98.84 8 P 36 37.49 0.7
RNO 99.00 11 P 36 39.50 2.1
MCMT 99.14 3 iPc 36 38.80 0.5
ePKKP 53 31.50
JFWS 99.33 346 ePc 36 38.35 -0.5
0.9s 127.17nm 6.4mb
epP 37 36.20 236kmX
MCWV 99.80 338 ePc 36 41.05 0.1
1.3s 214.78nm 6.4mb
epP 37 38.62 235kmX
ePP 40 45.38
RSSD 99.81 356 iPc 36 41.68 0.4
0.9s 102.72nm 6.3mb
epP 37 39.26 235kmX
ePP 40 46.44
epPP 41 37.74
DBO 99.85 11 P 36 43.03 1.7
BWA 100.66 125 ePdiff36 44.40 -0.4
TOO 100.67 129 ePdiff36 44.10 -0.6
1.0s 179.00nm 6.5mb
HHAI 100.69 3 ePdiff36 46.22 1.4
CVL 100.89 336 ePdiff36 46.52 0.9
epP 37 42.09
ePP 40 58.00
PTI 101.12 3 ePdiff36 48.03 1.3
BW06 101.27 1 ePdiff36 47.17 -0.4
1.0s 34.00nm 5.8mb
ePP 40 04.32
YBH 101.29 11 ePdiff36 47.71 0.3
1.6s 60.00nm 5.9mb
epPd 37 49.62
ePPd 40 57.62
ipPPc 42 23.62
eSKS 47 12.62
eS 48 09.62
esSKS 48 58.62
iSPd 49 47.62
esS 49 51.62
i 52 12.62
eSS 55 29.62
i 57 00.62
eLQ 06 21.62
CAN 101.58 125 ePdiff36 48.30 -0.5
i 37 05.20
i 37 14.80
i 39 26.50
LBFM 101.79 10 ePdiff36 48.95 -0.9
CNB 101.81 125 ePdiff36 30.00 -19.9X
0.5s 11.00nm
ARC 101.91 12 ePdiff36 50.71 0.6
1.5s 230.00nm 6.5mb

epPd 37 52.42
esPc 38 20.42
HVU 102.19 3 ePdiff36 52.63 1.1
WDC 102.44 11 ePdiff36 52.40 -0.1
3.0s 430.00nm 6.5mb X
epPd 37 55.11
ePPd 41 07.11
ipPPc 42 12.11
ePPPc 44 28.11
eSKS 47 08.11
eS 48 00.11
esSKS 48 57.11
iSPc 49 58.11
eSS 55 41.11
eSKKS 59 52.11
eLQ 05 33.11
LMEM 102.63 10 ePdiff36 56.00 2.5X
MIN 102.81 10 ePdiff36 54.02 -0.3
1.3s 30.00nm 5.8mb
epPd 37 54.73
iPPc 41 14.73
epPPd 42 27.73
eSKS 47 15.73
eS 48 17.73
iSP 50 04.73
ePS 50 09.73
ELK 103.08 5 ePdiff36 55.93 0.3
ePP 41 10.47
ORV 103.60 10 ePdiff36 57.05 -0.6
3.0s 290.00nm 6.6mb
eppd 37 56.36
iPPc 41 20.36
eSKS 47 13.36
eSKKS 47 53.36
eS 48 24.36
iSPd 50 11.36
iPS 50 51.36
eSS 55 53.36
e 56 53.36
eSKKS 59 55.36
eP'P' 01 25.36
eLQ 05 36.36
DAU 103.60 2 ePdiff36 59.38 1.3
epP 37 56.82
TYS 103.62 345 ePdiff36 58.42 0.7
DUG 103.77 3 iPdiff36 59.88 1.3
0.9s 25.39nm 6.1mb
epP 37 53.84
ePP 41 15.85
epPP 42 09.33
MAW 103.80 183 ePdiff37 01.00 3.2X
FVM 104.12 345 ePdiff36 59.59 -0.4
0.8s 37.22nm 6.3mb
e 40 01.89
EMUT 104.21 2 ePdiff37 02.16 1.5
epP 38 01.45
ePP 41 15.72
GLD 104.22 357 ePdiff37 01.22 0.6
1.6s 68.32nm 6.3mb
epP 37 58.47
ePP 41 11.96
KVN 104.51 7 ePdiff37 03.55 1.6
SRU 104.92 1 ePdiff37 04.68 0.9
BKS 105.14 11 ePdiff37 09.37 4.9X
eppd 38 06.37
espc 38 34.37
JSC 105.18 337 ePdiff37 05.70 0.9
epP 38 02.53
CMB 105.25 9 ePdiff37 05.68 0.6
2.2s 120.00nm 6.6mb
epPd 38 04.29
esPc 38 34.29
PV08 105.47 360 ePdiff37 06.94 0.5
MSU 105.47 3 ePdiff37 07.84 1.6
PV09 105.55 0 ePdiff37 07.93 1.2
TNP 105.56 7 ePdiff37 06.31 -0.4
0.8s 13.95nm 6.1mb
BONR 105.58 8 ePdiff37 08.76 1.9
STAN 105.61 11 ePdiff37 10.84 4.2X
epPd 38 08.84
ePPc 41 29.84
iSPc 50 13.84
eSKKPc56 12.84
i 06 32.84
PV10 105.67 0 ePdiff37 07.52 0.3
MHC 105.75 11 ePdiff37 08.49 1.1
2.9s 310.00nm 6.9mb

ePPd 38 10.19
ARN 105.76 10 ePdiff37 06.01 -1.3
MEMM 105.79 8 ePdiff37 10.89 3.5X
ARUT 106.14 4 ePdiff37 11.29 2.1
SAO 106.35 10 ePdiff37 13.78 3.9X
eppd 38 12.78
NOUC 106.75 105 iPdiff37 11.10 -0.9
TPNV 106.77 6 ePdiff37 13.22 1.2
DZM 106.84 105 iPdiff37 13.60 1.1
TUL 107.11 349 iPdiff37 14.00 0.7
SYO 107.60 191 iPKPd 41 21.50 0.0
OCO 107.73 350 iPdiff37 18.00 1.9
MIAR 108.06 347 ePdiff37 18.25 0.7
GSC 108.36 7 ePdiff37 21.61 2.6X
WMOK 108.68 351 ePdiff37 21.07 0.7
1.0s 19.95nm 6.3mb
ALQ 109.06 358 ePdiff37 24.50 2.2X
CSP 109.29 7 (Pdiff37 25.09 1.9
PLM 110.28 7 (Pdiff37 26.71 -1.0
GLA 110.76 5 (Pdiff37 32.22 2.6X
ITR 110.88 274 (PKP) 41 28.00 -1.4
e 42 12.00
TUC 111.70 2 ePdiff37 37.43 3.5X
SJG 112.46 316 (PKP) 41 31.64 -0.6
LTX 114.51 355 ePdiff37 45.79 -0.6
SNA 118.49 202 iPKPc 41 47.00 4.8X
0.6s 227.00nm
MZX 120.75 357 (PKP) 41 47.50 -0.4
AGX 121.78 353 (PKP) 41 52.00 2.1
SNZO 122.05 120 ePKP 41 48.23 -1.6
CDCB 122.24 268 iPKPc 41 50.80 -0.2
e 41 51.70
BAO 122.45 274 ePKP 41 51.40 -0.1
BDFB 122.47 274 ePKP 41 50.46 -1.1
MRX 123.80 351 (PKP) 41 49.00 -4.9X
UNM 123.89 349 (PKP) 41 55.00 0.5
CRX 123.89 350 (PKP) 41 55.00 0.5
PPM 124.06 348 (PKP) 41 55.50 0.4
III 124.87 349 (PKP) 41 56.00 -0.3
BMG 125.31 315 iPKPc 41 56.00 -1.2
SPA 126.14 180 ePKP 41 56.00 -1.2
1.0s 300.00nm
z 17s 0.44um 5.2MszX
SBA 126.38 165 ePKP 41 52.80 -4.5X
ACX 126.41 349 (PKP) 42 00.00 0.9
BOG 127.86 314 ePKP 42 04.50 2.1X
ePP 44 06.00
RSTA 127.87 265 ePKP 42 02.20 0.5
e 42 03.30
e 42 14.50
PSO 132.52 315 ePKP 41 57.00 -14.3X
SIV 133.10 283 PKP 42 11.50 -0.3
CCH 137.86 285 ePKP 42 10.00 -11.2X
i 42 22.00
LPAZ 138.77 288 ePKP 42 32.17 8.9X
LPB 138.89 288 PKP 42 13.30 -9.9X
1.0s 42.00nm
i 42 24.90
LR 57 16.00
PMO 139.28 69 iPKPc 42 17.60 -5.7X
1.1s 556.80nm
AFR 139.37 74 iPKPc 42 16.90 -6.6X
1.2s 478.40nm
TPT 139.48 69 iPKPc 42 18.00 -5.7X
1.3s 791.40nm
PPT 139.55 74 iPKPc 42 17.50 -6.3X
1.2s 1080.60nm
PAE 139.60 74 iPKPc 42 17.80 -6.1X
1.3s 753.80nm
VAH 139.63 69 iPKPc 42 18.10 -5.9X
1.2s 516.50nm
PPN 139.63 73 iPKPc 42 17.60 -6.3X
1.2s 449.90nm
RUV 139.79 69 iPKPc 42 18.50 -5.7X
1.0s 329.60nm
TVO 139.92 73 iPKPc 42 18.50 -6.1X
1.0s 883.20nm
NNA 142.34 302 iPKPc 42 23.90 -5.0X
0.9s 109.24nm
ZON 146.49 266 e(PKP)42 35.20 -0.3
JACH 148.38 265 ePKP 42 39.11 0.6
PCH 148.59 263 ePKP 42 39.26 0.4
PEL 148.59 264 iPKP+ 42 39.10 0.3
1.0s 655.00nm
SAN 148.66 264 ePKP 42 39.13 0.2
CHCH 148.78 263 ePKP 42 38.97 -0.1
CACH 148.79 263 ePKP 42 39.81 0.6

30d 09h

ROCH 148.81 265 ePKP 42 39.62 0.2
TACH 148.94 264 ePKP 42 37.24 -2.0
IHA 149.33 265 ePKP 42 40.50 0.7
LCCH 149.40 264 ePKP 42 40.40 0.5
LNV 149.40 263 ePKP 42 40.15 0.2
S.D. = 0.9 on 588 of 656 obs.

JUN 30, 1994 09h 55m 09.65± 0.30s
40.941 N ± 4.3km 50.609 E ± 4.0km
DEPTH = 33.0km (normal)
4.9mb (30 obs.)
CASPIAN SEA (338)
Felt (VII) in the epicentral
area. Felt (V) at Sumgait,
Azerbaijan.

BAK 0.78 224 iPgd 55 30.00 5.9X
iS 55 44.00
MAK 3.15 312 ePn 56 00.00 2.0
e 56 10.30
iS 56 39.70
i 56 49.80
i 56 58.70
TAB 4.38 230 iP 56 17.00 1.2
MTA 4.44 282 iPnc 56 18.00 1.6
KAT 4.68 110 iPn 56 23.00 3.3X
i 56 34.00
e 56 46.00
eS 57 20.50
e 57 35.00
e 57 51.00
TEH 5.23 173 iPc 56 28.00 0.2
KIV 6.59 300 eP 56 48.90 2.1
ASH 6.69 114 iP 56 49.00 0.8
0.5s 510.00nm 6.6mb X
iS 58 04.50
KER 7.14 204 iPc 56 54.10 -0.5
MAIO 8.36 121 iPnd 57 10.40 -1.1
0.9s 40.49nm 5.5mb
eSn 58 35.00
ADI 14.57 242 Pn 58 39.00 3.7X
MML 14.84 240 Pnd 58 40.40 1.6
MAMI 14.97 241 Pn 58 43.40 2.9X
YTIR 15.73 237 Pn 58 51.90 1.5
SDOM 15.74 236 Pn 58 52.20 1.8
ARU 16.33 16 iPc 58 56.50 -1.3
e 01 49.00
PRNI 16.49 235 Pnd 59 00.40 0.3
RMN 16.62 236 Pn 59 01.60 -0.1
KIS 16.76 298 eP 59 05.00 1.7
1.0s 130.00nm 5.0mb
iS 02 12.00
SAGI 16.79 235 Pn 59 03.80 0.0
OBN 16.94 331 eP 59 07.00 1.6
0.8s 30.00nm 4.5mb
Z 12s 0.60um 3.6Msz
N 12s 0.60um
iS 02 13.00
MBH 16.97 234 Pn 59 05.30 -0.8
BRVK 18.01 41 eP 59 18.00 -0.8
1.0s 133.00nm 5.0mb
OUR 20.19 277 eP 59 43.72 -0.5
SRS 20.36 279 eP 59 44.64 -1.3
SOH 20.58 279 eP 59 48.20 -0.1
KNT 20.87 280 eP 59 49.44 -1.8
LIT 21.36 277 eP 59 55.96 -0.2
AGG 21.72 274 eP 59 59.48 -0.3
PUL 22.69 333 (P) 00 07.00 -2.2
e 00 19.00
IGT 23.11 276 eP 00 12.80 -0.7
ZST 24.80 298 eP 00 32.00 2.2
i 10 51.70
NDI 24.93 111 iPd 00 33.00 1.8
1.0s 105.00nm 5.4mb
NUR 25.27 330 iP 00 34.70 0.6
0.4s 44.20nm 5.4mb
KAF 25.74 334 iP 00 38.70 0.2
0.4s 15.50nm 5.0mb
GEC2 27.10 299 P 00 51.20 0.0
0.5s 1.22nm 3.8mb X
e 01 04.20
BRG 27.12 304 eP 00 52.40 1.1
CLL 27.76 305 e(P) 01 15.00 17.9X
e 02 30.00
LVZ 28.37 347 eP 01 03.30 0.8
HFS 29.74 323 eP 01 13.70 -1.1
0.5s 16.40nm 5.1mb
PCP 30.85 291 P 01 23.54 -1.3
FIN 31.14 290 P 01 25.60 -1.8
NB2 31.22 323 P 01 27.00 -0.9
0.7s 8.80nm 4.7mb
IMI 31.42 290 P 01 29.12 -0.7
ENR 31.70 291 P 01 31.73 -0.6
BHB 31.72 292 P 01 29.67 -2.7X
SBF 31.75 290 eP 01 33.40 0.6
0.8s 20.95nm 5.1mb
STV 31.76 291 P 01 31.27 -1.6
PZZ 31.88 291 P 01 32.14 -1.9
LPG 31.98 293 eP 01 35.90 0.8
0.5s 3.45nm 4.5mb
LPL 31.99 293 eP 01 35.10 0.0
0.6s 5.25nm 4.6mb
RRL 32.04 292 P 01 35.07 -0.4
FRF 32.37 289 eP 01 37.60 -0.5
0.8s 26.45nm 5.2mb
LRG 32.59 289 eP 01 39.20 -0.8
1.1s 23.20nm 5.0mb
HYB 33.58 126 eP 01 49.00 0.1
LBF 33.70 296 eP 01 49.50 -0.2
0.8s 8.60nm 4.7mb
SSF 34.01 296 eP 01 52.40 0.1
0.6s 2.70nm 4.4mb
AVF 34.15 296 eP 01 53.60 0.1
0.8s 5.10nm 4.5mb
TCF 35.00 295 eP 02 00.50 -0.4
GBA 35.92 132 Pc 02 10.00 1.2
0.6s 6.00nm 4.7mb
LDF 36.25 300 eP 02 11.10 -0.2
0.4s 3.00nm 4.6mb
FLN 36.46 300 eP 02 13.10 0.0
0.5s 7.60nm 4.9mb
MFF 36.56 296 eP 02 13.80 -0.2
GRR 36.76 299 eP 02 15.60 0.0
0.5s 8.15nm 4.9mb
LPF 36.93 299 eP 02 17.50 0.5
DLF 39.75 308 eP 02 41.40 0.8
TAF 41.76 279 iP 02 42.00 -15.4X
KMI 45.80 93 Pd 03 31.00 0.6
0.8s 70.00nm 5.6mb
pP 03 47.00 63kmX
BDT 47.70 105 eP 03 44.50 -0.6
LKO 58.45 254 P 05 03.10 -1.7
0.6s 4.00nm 4.7mb
KIC 60.00 251 P 05 13.60 -1.9
0.5s 7.00nm 5.0mb
TIC 60.01 251 P 05 13.66 -1.9
1.1s 22.00nm 5.2mb
LIC 60.30 251 P 05 15.94 -1.6
0.4s 6.50nm 5.1mb
RES 62.40 350 eP 05 31.50 0.5
0.5s 1.00nm 4.2mb
MBC 62.92 357 eP 05 35.50 1.1
0.5s 4.00nm 4.8mb
FRB 65.13 335 eP 05 49.00 0.0
0.7s 6.00nm 4.8mb
MAT 65.64 62 (P) 06 09.00 16.3X
INK 71.03 2 eP 06 25.50 -0.1
0.9s 2.00nm 4.2mb
JAQ 74.97 330 eP 06 49.00 0.0
LMN 76.14 319 eP 06 57.00 1.2
LRM 92.30 348 ePc 08 19.20 1.3
e 08 37.70
IIA 113.75 328 iPdiff10 12.53 18.4X
PPM 113.81 328 iPdiff10 12.20 17.1X
S.D. = 1.1 on 73 of 83 obs.

? JUN 30, 1994 10h 28m 23.62± 3.74s
9.399 S ±52.3km 113.228 E ±19.0km
DEPTH = 105.7 ± 13.8 km
SOUTH OF JAWA, INDONESIA (282)

TRT 1.78 341 iPc 28 54.20 0.1
iS 29 30.40
DNP 2.08 70 ePc 28 58.00 0.0
eS 29 18.00
e 32 33.00
SJI 2.20 319 ePd 28 59.40 -0.1
eS 29 39.50
KHKI 2.57 67 eP 28 54.60 -9.8X
eS 29 32.00
e 34 43.50
LEM 6.11 294 iPc 29 49.00 -4.2X
WSI 6.97 93 e(P) 30 53.20 48.4X
IPM 18.46 318 eP 32 27.00 -7.1X
LOE 28.96 337 eP 34 15.00 -0.3
ODAN 43.91 326 P 36 22.36 0.5
TAPN 44.12 327 P 36 22.82 -0.8
RAMN 44.42 325 P 36 26.69 0.7
JIRN 45.20 325 P 36 32.65 0.3
GUN 45.56 325 P 36 35.75 0.6
GKN 46.34 324 P 36 40.93 -0.2
KOLN 46.78 323 P 36 44.28 -0.3
DANN 47.11 324 P 36 46.75 -0.6
S.D. = 0.5 on 12 of 16 obs.

% JUN 30, 1994 10h 58m 25.81± 0.58s
39.371 N ± 4.9km 29.158 E ± 6.8km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
ML 2.9 (ISK).

ALT 0.80 113 ePg 58 41.80 -0.2
eSg 58 51.80
IZI 0.99 14 iPg 58 45.60 0.4
KCT 1.07 325 ePg 58 46.50 0.0
eSg 59 01.50
KHL 1.08 165 iPg 58 46.50 -0.2
eSg 59 01.00
YLV 1.21 8 ePg 58 48.60 -0.2
EDC 1.39 315 ePn 58 51.00 -0.9
HRT 1.50 15 ePn 58 53.80 0.4
IZM 1.77 237 ePn 58 58.00 0.7
S.D. = 0.6 on 8 of 8 obs.

% JUN 30, 1994 12h 01m 48.69± 3.86s
33.934 S ±18.2km 71.061 W ±10.3km
DEPTH = 67.7 ± 35.7 km
NEAR COAST OF CENTRAL CHILE (135)
Felt (III) in the epicentral
area.

LNV 0.29 266 iP+ 01 59.76 0.1
iS 02 08.31
TACH 0.30 20 iP+ 01 59.88 0.1
iS 02 08.64
CHCH 0.34 90 iP+ 01 59.95 -0.2
iS 02 09.28
CACH 0.42 116 iPd 02 01.04 0.1
iS 02 11.09
PCH 0.55 56 iPd 02 01.99 -0.1
iS 02 12.46
LCCH 0.62 317 iPd 02 02.49 -0.3
iS 02 13.36
ROCH 0.96 3 iP 02 07.36 0.3
iS 02 21.42
JACH 1.31 18 iP 02 11.42 -0.1
iS 02 28.86
S.D. = 0.2 on 8 of 8 obs.
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* JUN 30, 1994 12h 24m 19.96± 1.51s
33.269 S ±12.3km 69.011 W ±13.9km
DEPTH = 5.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 4.1 (SAN).

MDZ 0.41 19 iPc 24 28.10 -0.1
iS 24 38.30
PCH 1.30 254 iP+ 24 43.74 -0.9
iS 25 02.65
SAN 1.39 262 eP 24 46.61 0.5
PEL 1.41 275 eP 24 46.18 -0.2
iS 25 06.18
JACH 1.45 293 iP 24 46.26 -0.7
iS 25 06.69
CHCH 1.52 244 iP+ 24 47.46 -0.5
iS 25 08.01
CACH 1.57 237 iP 24 48.72 0.0
iS 25 11.68
TACH 1.66 256 iP+ 24 49.75 -0.1
iS 25 11.98
ROCH 1.70 279 eP 24 51.11 0.4
iS 25 15.12
ZON 1.74 9 iPd 24 51.30 0.2
eS 25 17.30
LNV 2.12 250 iP+ 24 57.24 0.8
iS 25 24.80
LCCH 2.15 264 iP 24 58.31 1.3
iS 25 26.45
S.D. = 0.7 on 12 of 12 obs.

% JUN 30, 1994 13h 02m 22.95± 0.73s

26.378 S ± 5.9km 27.511 E ± 8.0km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.3 (PRE).

PRY 0.55 184 eP 02 33.50 -0.5
S 02 38.70
KSR 0.75 313 eP 02 38.00 -0.2
S 02 47.00
SLR 0.94 47 eP 02 41.50 0.0
S 02 53.50
SEK 1.94 177 eP 02 57.50 0.4
S 03 20.90
SWZ 2.11 247 eP 02 59.80 0.3
S 03 23.60
BOSA 2.90 219 eP 03 10.60 0.0
S 03 49.20
S.D. = 0.4 on 6 of 6 obs.

JUN 30, 1994 13h 10m 31.84± 0.75s
46.632 N ± 4.2km 150.307 E ± 2.8km
DEPTH = 168.6 ± 6.8 km
5.1mb (89 obs.)
KURIL ISLANDS (221)

YSS 5.22 277 ePnc 11 52.20 3.0
Z 13s 0.30um
e 12 48.00
SKR 5.57 41 ePn 11 54.50 0.7
Z 14s 0.80um
N 14s 0.60um
E 14s 0.80um
eS 12 56.10
PET 8.36 37 ePn 12 30.00 -0.8
eS 14 10.00
MAT 13.53 226 eP 13 36.00 -2.1
0.7s 10.96nm 4.4mb
eS 15 55.00
YAK 19.40 330 iP 14 45.10 -1.5
1.0s 302.00nm 5.7mb
iS 18 15.00
CIT 24.34 296 eP 15 35.00 -0.2
e 16 15.00
e 19 40.00
BOD 24.50 311 eP 15 35.10 -1.4
1.0s 28.00nm 4.8mb
BJI 25.54 267 eP 15 46.00 -0.3
1.0s 28.00nm 4.8mb
ILT 26.58 26 iPc 15 54.40 -1.1
1.1s 128.00nm 5.5mb
iS 20 15.00
ZAK 30.97 294 eP 16 33.00 -1.7
1.3s 78.00nm 5.3mb
MOY 32.14 297 eP 16 44.10 -0.8
TTA 33.79 42 eP 16 59.56 0.4
0.8s 6.86nm 4.4mb
SVW 33.92 45 eP 17 01.95 1.7
0.8s 18.17nm 4.8mb
BRW 34.93 27 ePd 17 09.19 0.6
IMA 35.04 36 ePc 17 10.15 0.3
0.4s 14.47nm 5.0mb
KDC 35.73 51 eP 17 14.62 -0.8
0.9s 20.19nm 4.8mb
LZH 35.96 270 iPc 17 18.80 0.9
1.0s 139.00nm 5.6mb
pP 17 59.50 189kmX
PMR 37.03 44 eP 17 27.00 0.7
0.2s 1.50nm 4.3mb
FBA 37.45 38 eP 17 30.75 0.9
0.6s 4.39nm 4.3mb
TOA 38.37 43 eP 17 39.30 1.6
0.4s 9.60nm 4.8mb
KLU 38.56 44 eP 17 40.18 0.9
BALM 40.34 44 eP 17 52.47 -1.5
KMI 43.33 257 ePc 18 19.60 0.8
1.2s 20.00nm 4.6mb
pP 18 29.50 33kmX
CHTO 50.22 254 ePd 19 12.90 0.5
0.8s 16.47nm 4.7mb
YKA 52.16 36 P 19 26.50 0.0
0.7s 7.10nm 4.5mb
SVE 52.60 316 iPc 19 28.50 -1.3
1.0s 120.00nm 5.6mb
LAT 53.14 184 iPd 19 34.10 0.0
PCI 54.37 219 ePc 19 40.70 -2.5
MCW 55.41 53 (P) 19 49.84 -0.7
GMW 56.07 55 eP 19 55.40 0.2
LVZ 56.09 336 eP 19 53.20 -1.9
JCW 56.19 54 P 19 55.89 -0.1
BMW 56.42 56 P 19 57.76 0.0
FMW 57.04 55 P 20 02.14 -0.1
LON 57.07 55 eP 20 01.52 -0.8
WTV 57.56 53 P 20 05.03 -0.7
RNO 57.59 59 P 20 06.71 0.7
EBG 57.67 54 P 20 06.63 0.1
SSOR 57.79 57 P 20 07.93 0.5
VBEM 58.17 56 P 20 10.44 0.3
DBO 58.35 59 P 20 11.63 0.3
DPW 58.42 52 iPd 20 11.31 -0.4
e 20 15.97
NDI 58.53 280 iPc 20 12.00 -0.6
0.7s 54.79nm 5.5mb
CROR 58.56 56 P 20 13.03 0.3
SDF 58.67 338 iP 20 11.20 -1.9
NEW 58.77 51 ePc 20 13.61 -0.5
0.9s 18.94nm 4.9mb
JBO 58.94 55 P 20 15.25 0.0
VIPM 59.06 57 P 20 16.43 0.1
LNOR 59.56 54 P 20 19.67 0.1
ORV 61.55 62 iPd 20 32.07 -1.0
KAF 62.72 334 iP 20 38.20 -2.2
0.4s 7.20nm 4.9mb
LRM 62.79 51 iPd 20 41.40 -0.1
GDH 63.10 9 iPc 20 42.00 -0.8
0.6s 80.00nm 5.8mb
CMB 63.18 62 eP 20 43.49 -0.4
1.1s 13.77nm 4.8mb
PUL 63.21 331 (P) 20 43.00 -0.6
KVN 63.91 60 ePd 20 48.92 0.1
OBN 64.29 324 iPc 20 49.00 -1.7
0.8s 60.00nm 5.5mb
i 21 49.00
HHAI 64.46 53 ePc 20 54.52 2.3
NUR 64.47 334 iP 20 49.60 -2.2
0.3s 14.30nm 5.3mb
PTI 64.75 54 ePd 20 54.97 0.9
ASH 64.84 299 eP 20 55.00 0.5
TNP 65.06 60 eP 20 55.62 -0.6
0.8s 18.86nm 5.0mb
MAIO 65.21 297 eP 20 57.00 -0.1
HVU 65.23 55 ePd 20 57.36 0.2
DUG 66.26 56 ePd 21 03.89 0.1
0.6s 11.63nm 4.9mb
BW06 66.36 52 iPd 21 04.22 -0.2
0.6s 14.56nm 5.0mb
TPNV 66.39 61 iPd 21 04.33 -0.3
DAU 67.00 55 eP 21 08.73 0.1
GSC 67.14 62 ePd 21 08.94 -0.4
CSP 67.47 64 ePd 21 11.18 -0.2
ARUT 67.50 58 eP 21 11.32 -0.3
EMUT 67.65 55 eP 21 12.70 0.1
NB2 67.70 340 P 21 10.80 -1.5
0.6s 11.60nm 4.8mb
MSU 67.75 57 ePd 21 13.38 0.1
PEC 67.86 64 eP 21 12.70 -1.0
0.6s 11.91nm 4.9mb
HFS 67.87 338 eP 21 11.30 -2.0
0.4s 30.70nm 5.4mb
NAO 67.98 340 P 21 11.39 -2.6X
SRU 68.30 56 iPd 21 16.39 -0.2
RSSD 68.36 48 ePd 21 16.47 -0.4
0.9s 29.49nm 5.1mb
GBA 68.49 267 Pc 21 17.60 -0.1
0.5s 8.00nm 4.8mb
KIV 69.48 313 eP 21 24.10 0.5
PV09 69.51 55 eP 21 23.99 -0.1
PV10 69.64 55 ePd 21 25.06 0.2
PV08 69.73 55 eP 21 25.55 0.1
GLA 69.86 63 eP 21 25.95 -0.1
DZM 69.92 164 iPc 21 25.80 -0.5
NOUC 69.92 164 iPc 21 26.40 0.2
TUC 72.84 61 eP 21 44.73 1.0
1.0s 5.84nm 4.3mb
ALQ 73.53 57 eP 21 47.60 -0.3
0.7s 7.30nm 4.5mb
KER 73.93 303 iPc 21 50.00 -0.1
UZH 74.89 327 eP 21 56.00 0.9
1.0s 25.00nm 4.9mb
e 22 08.50
OKC 75.36 330 P 21 57.30 -0.5
WARB 75.57 202 iPd 21 59.50 0.3
CLL 75.75 334 iPc 21 59.20 -0.8
1.0s 51.00nm 5.2mb
BRG 75.84 333 iP 21 59.60 -0.9
1.0s 20.00nm 4.8mb
i 22 01.00
PSN 76.53 321 iP 22 04.00 -0.5
ARMA 76.70 179 iPd 22 06.30 0.8
MOX 76.75 334 eP 22 05.50 -0.1
1.6s 45.00nm 4.9mb
WTS 76.88 338 eP 22 06.00 -0.2
0.7s 34.20nm 5.2mb
ZST 77.12 330 iP 22 08.30 0.7
GEC2 77.69 332 P 22 10.50 -0.4
0.8s 12.89nm 4.7mb
e 22 11.50
e 22 15.60
GRF 77.71 334 ePc 22 11.00 0.1
0.9s 34.10nm 5.1mb
e(pP) 22 15.70 15kmX
WMOK 77.97 52 ePd 22 12.35 -0.2
0.7s 10.10nm 4.7mb
TNS 78.04 336 ePc 22 12.40 -0.4
ENN 78.23 338 eP 22 13.50 -0.2
0.7s 18.40nm 4.9mb
e 22 17.00
DLF 78.51 346 eP 22 15.30 0.2
0.5s 89.00nm 5.8mb
DCN 78.58 347 eP 22 16.00 0.4
LTX 79.22 59 ePd 22 18.33 -1.2
KBA 79.35 332 iPc 22 20.60 0.5
0.4s 13.40nm 5.0mb
i 23 06.20
i 23 12.20
PTJ 79.50 329 iPc 22 20.40 -0.3
VTS 79.53 323 iPc 22 20.00 -1.1
RZN 79.65 322 iP 22 20.00 -1.7
WATA 79.69 333 iPc 22 22.00 0.2
0.5s 16.00nm 5.0mb
WTTA 79.74 333 iPc 22 22.50 0.4
0.5s 31.40nm 5.3mb
FVM 79.75 44 ePd 22 22.00 -0.1
0.6s 24.16nm 5.1mb
MOTA 79.83 333 iPc 22 22.60 0.0
1.2s 59.40nm 5.2mb
SQTA 79.91 333 iPc 22 23.10 0.1
WLS 79.98 336 P 22 23.23 0.0
CDF 80.01 336 iPc 22 23.30 -0.1
0.7s 22.70nm 5.0mb
MMB 80.15 322 iPc 22 23.00 -1.2
ECH 80.22 336 P 22 24.27 -0.2
FEL 80.28 335 P 22 24.64 -0.3
VAL 80.40 348 iP 22 26.00 0.8
1.0s 2.00nm 3.8mb X
MOF 80.56 336 P 22 25.85 -0.5
HAU 80.64 336 iPc 22 26.00 -0.6
0.6s 21.75nm 5.1mb
BSF 80.67 336 iPc 22 27.00 0.1
0.6s 10.45nm 4.7mb
SKO 80.77 324 iP 22 28.00 0.6
1.0s 50.00nm 5.2mb
BBS 80.80 335 P 22 27.78 0.2
VAY 80.85 323 iP 22 28.40 0.6
MIAR 80.87 49 ePd 22 28.22 0.1
0.6s 15.43nm 4.9mb
LOMF 81.10 336 P 22 28.78 -0.4
FLN 81.64 341 iPc 22 32.10 0.3
0.5s 26.40nm 5.2mb
LDF 81.72 341 iPc 22 32.30 0.1
0.6s 17.05nm 5.0mb
JARJ 81.73 309 P+ 22 34.84 2.1
OHR 81.76 324 iP 22 32.50 -0.1
0.6s 50.00nm 5.4mb
LOR 81.98 338 iPc 22 33.80 0.1
0.7s 32.75nm 5.2mb
SALJ 82.05 309 P+ 22 36.85 2.5
GRR 82.08 341 iPc 22 34.70 0.6
0.5s 32.05nm 5.3mb
KFNJ 82.17 309 Pc 22 37.36 2.6
LBF 82.21 337 iPc 22 34.90 0.0
0.6s 15.50nm 4.9mb
MASJ 82.25 309 P+ 22 37.89 2.5
SSF 82.26 338 iPc 22 35.30 0.2
0.8s 27.65nm 5.1mb
MKRJ 82.43 308 P+ 22 38.82 2.5
LPF 82.46 341 iPc 22 36.70 0.6
0.8s 62.85nm 5.4mb
AVF 82.56 338 iPc 22 37.00 0.4
0.6s 26.50nm 5.2mb
SMF 82.56 337 iPc 22 37.00 0.3
0.8s 76.30nm 5.5mb

30d 13h

PMO 82.63 121 iPd 22 37.00 -0.3
0.7s 67.20nm 5.5mb
RSL 82.67 335 P 22 37.75 0.3
LISJ 82.75 308 P+ 22 40.60 2.8X
TPT 82.78 121 iPd 22 37.80 -0.3
0.8s 101.00nm 5.7mb
LPL 82.80 335 iPc 22 39.30 1.1
0.8s 44.35nm 5.3mb
LPG 82.81 335 iPc 22 38.90 0.6
0.8s 46.20nm 5.3mb
BGF 82.90 338 iPc 22 39.40 1.0
0.5s 18.00nm 5.1mb
VAH 82.97 121 iPd 22 38.70 -0.3
1.1s 86.40nm 5.5mb
RUV 83.08 121 iPd 22 39.30 -0.3
0.8s 60.70nm 5.4mb
MAF 83.29 338 iPc 22 41.40 1.0
0.5s 31.50nm 5.4mb
TCF 83.32 338 iPc 22 41.30 0.7
1.0s 34.60nm 5.1mb
LSF 83.52 339 iPc 22 42.20 0.6
1.1s 126.00nm 5.6mb
AFR 83.54 124 iPd 22 42.00 0.1
0.9s 55.00nm 5.3mb
MFF 83.60 340 iPc 22 42.80 0.9
0.9s 76.65nm 5.5mb
PPT 83.68 124 iPd 22 42.40 -0.2
1.0s 116.80nm 5.6mb
PPN 83.73 124 iPd 22 42.60 -0.2
1.0s 32.00nm 5.1mb
PAE 83.75 124 iPd 22 42.80 -0.1
1.1s 73.30nm 5.4mb
TOO 83.93 184 eP 22 44.30 0.8
0.5s 7.00nm 4.7mb
SAOF 83.94 334 P 22 43.36 -0.4
AUTN 83.97 334 P 22 44.23 0.1
TVO 84.03 124 iPd 22 44.50 0.0
0.9s 74.00nm 5.5mb
MRSJ 84.04 308 P+ 22 47.67 3.1X
SBF 84.09 334 iPc 22 44.40 -0.1
0.7s 42.90nm 5.4mb
AURF 84.10 334 P 22 44.49 -0.1
MVIF 84.15 334 P 22 45.16 0.2
AQBJ 84.16 308 P+ 22 47.74 2.7X
CALN 84.36 334 P 22 45.66 -0.3
RJF 84.41 338 iPc 22 46.90 0.9
0.9s 38.35nm 5.2mb
FRF 84.60 334 iPc 22 47.70 0.7
0.8s 19.90nm 5.0mb
CAF 84.62 338 iPc 22 48.40 1.3
0.8s 54.55nm 5.4mb
LRG 84.79 335 iPc 22 48.70 0.8
0.8s 30.20nm 5.1mb
PGF 84.79 332 iPc 22 47.90 -0.2
0.6s 6.60nm 4.6mb
LMR 84.85 334 iPc 22 49.00 0.8
0.7s 33.95nm 5.2mb
PERF 86.67 336 P 22 58.05 0.8
GRBF 86.70 338 P 22 58.10 0.6
LPAZ 136.09 59 PKP 29 36.00 0.6
LPB 136.30 60 ePKP 29 34.00 -1.5
MOCB 141.40 61 PKP 29 39.20 -5.6X
BDFB 145.53 32 ePKP 29 52.06 0.5
BAO 145.53 32 ePKP 29 51.60 0.1
S.D. = 0.9 on 181 of 186 obs.

% JUN 30, 1994 13h 14m 08.80± 1.08s
39.262 N ± 7.6km 29.100 E ±12.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 2.7 (ISK).

ALT 0.81 104 ePg 14 24.90 0.3
eSg 14 33.90
KHL 0.99 160 iPg 14 27.50 -0.2
IZI 1.11 15 iPg 14 30.10 0.4
KCT 1.14 330 iPg 14 30.50 0.4
iSg 14 45.50
YLV 1.32 9 ePn 14 32.40 -0.8
S.D. = 0.7 on 5 of 5 obs.

% JUN 30, 1994 13h 29m 32.48± 0.82s
26.363 S ± 7.3km 27.353 E ± 8.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 2.4 (PRE).

KSR 0.64 320 eP 29 45.00 -0.4
S 29 54.00
SLR 1.04 53 eP 29 53.00 0.3
S 30 06.10
SEK 1.97 173 eP 30 06.60 -0.4
S 30 32.10
SWZ 1.99 245 eP 30 08.00 0.7
S 30 31.80
BOSA 2.83 217 eP 30 18.90 -0.2
S 30 52.00
S.D. = 0.7 on 5 of 5 obs.

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* JUN 30, 1994 13h 43m 37.25± 1.72s
38.826 N ±10.5km 26.765 E ±19.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.4 (ISK).

IZM 0.58 138 ePg 43 49.00 0.0
eSg 43 58.50
EZN 1.06 341 iPn 43 57.10 0.0
EDC 1.74 29 ePn 44 08.00 0.3
BNT 1.77 30 ePn 44 07.50 -0.6
CTT 2.65 28 ePn 44 21.00 0.3
VAY 4.07 309 ePn 44 50.50 9.6X
S.D. = 0.5 on 5 of 6 obs.

% JUN 30, 1994 13h 48m 48.59± 1.58s
15.818 N ± 8.9km 60.738 W ±18.7km
DEPTH = 28.8 ± 12.5 km
LEEWARD ISLANDS (92)
ML 2.2 (FDF).

MGG 0.57 280 eP 48 59.93 -0.1
DEG 0.58 328 eP 49 00.19 -0.1
S 49 08.46
SFG 0.62 315 eP 49 01.00 0.2
S 49 09.70
DOG 0.87 284 eP 49 04.57 -0.3
S 49 15.30
PAG 0.93 283 eP 49 06.00 0.3
S 49 17.33
CRM 1.07 189 eP 49 07.65 0.0
S 49 20.79
MVM 1.27 187 eP 49 10.49 0.1
S.D. = 0.3 on 7 of 7 obs.

% JUN 30, 1994 13h 55m 55.11± 0.60s
26.226 S ± 5.9km 28.246 E ± 6.1km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.0 (PRE).

SLR 0.49 4 iPc 56 04.90 0.0
S 56 10.60
PRY 0.98 225 eP 56 13.80 -0.6
S 56 26.60
KSR 1.27 286 eP 56 19.50 0.3
S 56 36.90
BFS 1.47 243 iPc 56 23.90 1.5
S 56 43.80
BFT 1.70 72 eP 56 25.40 -0.4
S 56 40.00
NWL 2.13 135 eP 56 32.60 0.6
S 56 56.40
SEK 2.16 195 eP 56 32.90 0.5
S 56 57.50
SWZ 2.78 249 eP 56 40.60 -0.7
S 57 13.60
BLF 3.40 212 eP 56 49.00 -1.1
S 57 28.20
BOSA 3.46 226 eP 56 50.70 0.0
S 57 33.00
FRS 4.36 216 eP 57 01.00 -2.5X
S 57 50.00
HVD 4.99 208 eP 57 10.00 -2.6X
S 58 03.50
S.D. = 0.9 on 10 of 12 obs.

% JUN 30, 1994 15h 03m 40.25± 0.90s
26.865 S ± 8.6km 26.753 E ± 6.9km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.0 (PRE).

BFS 0.04 140 iPc 03 42.20 0.5
S 03 42.70
SWZ 1.31 256 eP 04 04.90 -0.2
S 04 19.40
SEK 1.65 152 eP 04 09.40 -0.7
S 04 28.30
SLR 1.77 51 eP 04 12.00 0.1
S 04 35.00
BOSA 2.11 214 eP 04 17.40 0.8
S 04 41.30
BLF 2.29 192 eP 04 19.20 -0.2
S 04 47.00
FRS 3.14 203 eP 04 31.00 -0.3
S.D. = 0.6 on 7 of 7 obs.

% JUN 30, 1994 15h 27m 41.90± 0.66s
39.374 N ± 4.8km 29.137 E ± 7.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.2 (ISK).

IZI 1.00 15 iPg 28 01.00 0.2
KCT 1.06 326 iPg 28 02.50 0.6
eSg 28 17.50
KHL 1.09 164 iPg 28 02.50 0.0
eSg 28 17.00
YLV 1.21 9 ePn 28 04.50 0.1
BNT 1.36 317 ePn 28 06.50 -0.3
EDC 1.38 315 iPn 28 07.00 -0.2
ISK 1.69 358 ePn 28 12.00 0.4
IZM 1.76 237 ePn 28 12.50 -0.1
CTT 1.85 343 ePn 28 12.80 -1.2
EZN 2.22 283 ePn 28 19.70 0.4
S.D. = 0.6 on 10 of 10 obs.

JUN 30, 1994 17h 02m 20.47± 0.51s
43.127 N ± 7.2km 0.751 W ± 3.6km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
mbLg 3.1 (MDD). ML 2.8 (LDG).

MADF 0.05 290 Pg 02 22.79 0.1
Sg 02 24.51
ATE 0.06 138 Pg 02 22.71 0.0
Sg 02 24.29
ISSF 0.10 198 Pg 02 23.20 -0.2
Sg 02 25.11
ESCF 0.14 111 Pg 02 23.83 0.1
Sg 02 26.35
ELYF 0.18 284 Pg 02 24.38 -0.2
Sg 02 27.19
OGE 0.21 78 Pg 02 25.29 0.3
Sg 02 29.34
LHE 0.23 156 Pg 02 25.26 -0.3
Sg 02 28.62
JAU 0.29 108 Pg 02 26.59 -0.1
ELIZ 0.57 274 iPd 02 31.12 -0.9
eS 02 39.00
EPF 0.81 96 Pg 02 36.00 -0.1
Sg 02 45.90
EGRA 0.99 161 iPd 02 42.70 3.6X
eS 02 59.40
ECRI 1.39 249 iPd 02 47.38 1.4
eS 03 05.70
LPO 2.09 41 Pg 03 00.10 4.1X
Sg 03 25.80
LFF 2.11 30 Pg 03 00.20 4.0X
Sg 03 27.50
CAF 2.71 48 Pg 03 11.20 6.3X
Sg 03 45.50
RJF 2.72 36 Pg 03 12.80 7.8X
Sg 03 45.80
TCF 3.80 33 Pg 03 32.50 12.2X
Sg 04 20.30
MAF 3.89 36 Pn 03 18.70 -2.9X
Pg 03 33.40
Sg 04 23.40
BGF 4.28 35 Pn 03 24.80 -2.3X
Sg 04 33.70
S.D. = 0.6 on 11 of 19 obs.

% JUN 30, 1994 17h 09m 55.22± 0.58s
39.370 N ± 5.1km 29.146 E ± 6.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.1 (ISK).

ALT 0.81 112 ePg 10 10.90 -0.1
eSg 10 21.90

IZI 1.00 14 iPg 10 14.50 0.3
KCT 1.07 326 iPg 10 16.50 1.2
iSg 10 31.50
KHL 1.09 164 iPg 10 16.00 0.3
eSg 10 30.00
YLV 1.21 8 ePn 10 17.50 -0.3
BNT 1.36 317 ePn 10 19.50 -0.8
EDC 1.39 315 ePn 10 21.00 0.4
ISK 1.70 358 ePn 10 25.50 0.5
IZM 1.76 237 ePn 10 25.80 -0.2
CTT 1.86 343 ePn 10 26.00 -1.4
S.D. = 0.8 on 10 of 10 obs.

% JUN 30, 1994 17h 14m 31.96± 0.92s
39.570 N ± 9.1km 22.595 E ±11.7km
DEPTH = 33.0km (normal)
GREECE (364)

LIT 0.54 351 eP 14 43.94 0.8
eS 14 53.48
AGG 0.58 201 eP 14 43.52 -0.3
eS 14 53.50
THE 1.10 15 eP 14 50.62 -0.4
eS 15 06.74
OUR 1.31 54 eP 14 54.80 0.7
KNT 1.61 8 eP 14 57.20 -1.2
eS 15 21.50
IGT 1.75 269 eP 15 00.74 0.3
S.D. = 1.0 on 6 of 6 obs.

JUN 30, 1994 18h 00m 10.07± 0.66s
46.524 N ± 7.7km 13.805 E ± 8.7km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
MD 2.8 (LJU), 2.3 (TRI). ML
2.6 (VIE).

VOY 0.50 173 ePgc 00 19.80 -0.4
eSg 00 28.30
KBA 0.64 330 iPgc 00 20.50 -2.5
iSg 00 28.70
LJU 0.70 133 iPgc 00 23.20 -0.7
eSg 00 32.60
TRI 0.82 182 ePg 00 25.00 -0.9
iSg 00 38.60
CEY 0.90 151 ePg 00 27.50 0.2
iSg 00 39.90
BHG 1.35 333 iPgc 00 35.90 0.9
SCE 1.53 290 iPd 00 36.90 -0.7
PTJ 1.62 112 iPnd 00 40.20 1.4
iSn 01 05.60
WTTA 1.66 297 iPgc 00 39.20 -0.3
iSg 01 00.20
WATA 1.73 299 iPgc 00 40.40 -0.1
iSg 01 02.30
SQTA 1.91 292 iPgc 00 43.70 0.6
iSg 01 08.00
OGA 1.94 281 ePn 00 45.20 1.5
MOTA 2.02 295 iPgc 00 45.70 0.9
iSg 01 11.40
ZST 2.80 52 eP 01 35.20 39.5X
S.D. = 1.2 on 13 of 14 obs.

? JUN 30, 1994 18h 24m 57.55± 2.45s
12.105 N ±23.7km 88.593 W ±32.9km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
OFF COAST OF CENTRAL AMERICA (76)
MD 4.1 (SSS). Felt (II) at
San Salvador, El Salvador.

QZA 1.46 344 iPd 25 21.80 -0.1
LFRS 1.58 343 iPd 25 23.40 -0.2
LCBS 1.59 346 iPd 25 23.70 0.0
CIGS 1.68 340 iP 25 25.40 0.3
iS 25 37.30
LBRS 1.68 345 eP 25 25.40 0.3
LFU 1.71 343 iPd 25 25.60 0.0
ADES 1.71 334 iPd 25 25.40 -0.3
PICS 1.75 338 iPd 25 26.30 0.0
BOQS 1.75 338 iPd 25 26.20 -0.1
GRDS 1.78 338 iPd 25 26.40 -0.2
OJOS 1.86 340 iPd 25 27.70 0.0
iS 25 41.70
TME 2.04 339 iPd 25 30.40 0.1
YPE 2.27 332 iPd 25 33.90 0.3
YKA 53.65 345 P 34 17.90 0.0
0.6s 1.40nm 4.1mb
S.D. = 0.2 on 14 of 14 obs.

JUN 30, 1994 21h 18m 40.95± 0.42s
32.547 S ± 6.3km 70.656 W ± 7.4km
DEPTH = 97.4 ± 6.2 km
CHILE-ARGENTINA BORDER REGION (127)
MD 4.6 (SAN).

JACH 0.14 158 iPd 18 54.44 -0.7
iS 19 04.27
ROCH 0.52 215 iPd 18 56.83 -0.3
iS 19 08.96
PEL 0.60 182 iP+ 18 57.17 -0.3
iS 19 08.49
FCH 0.84 159 iP+ 19 00.24 0.2
iS 19 14.21
SAN 0.90 180 iP+ 19 00.30 -0.1
iS 19 14.55
IHA 0.96 240 iPc 19 01.20 0.2
iS 19 15.50
PCH 1.08 174 iP+ 19 02.32 -0.1
iS 19 18.66
TACH 1.13 192 iP+ 19 02.72 -0.2
iS 19 19.25
LCCH 1.20 219 iP+ 19 04.18 0.4
iS 19 20.42
CHCH 1.38 180 iP+ 19 05.97 -0.1
LNV 1.54 204 iP+ 19 07.81 -0.1
iS 19 28.08
MDZ 1.56 103 iPc 19 08.90 0.6
e 19 17.30
iS 19 28.50
CACH 1.57 178 iP+ 19 08.89 0.5
iS 19 30.63
ZON 1.95 60 iPd 19 14.00 0.6
eS 19 39.20
MOCB 12.11 23 P 21 31.90 0.1
LPB 16.11 9 P 22 27.90 4.5X
LPAZ 16.35 9 P 22 27.10 0.5
BAO 26.58 56 eP 24 10.10 -1.8
GBA 145.31 115 PKPd 38 10.00 0.7
S.D. = 0.7 on 18 of 19 obs.

JUN 30, 1994 22h 45m 48.67± 2.28s
42.320 N ±18.5km 21.272 E ± 7.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.9 (TTG), 2.9 (THE).

SKO 0.37 160 iPg 45 55.80 -0.5
0.3s 1630.00nm
iSg 46 00.00
PHP 0.89 225 iPgc 46 05.20 -0.5
iSg 46 19.20
OHR 1.26 197 iPn 46 12.50 0.4
iSn 46 29.00
i 46 30.10
Lg 46 34.00
SDA 1.34 259 ePn 46 18.00 4.6X
FNA 1.54 177 ePb 46 17.34 1.1
eSb 46 36.80
GRG 1.60 148 ePb 46 17.88 0.7
eSb 46 38.26
KNT 1.68 133 ePb 46 18.64 0.4
eSb 46 39.78
KBN 1.73 192 ePn 46 22.40 3.3X
SRS 2.11 124 ePn 46 24.68 0.2
SOH 2.16 133 ePn 46 25.06 -0.2
eSn 46 51.14
LIT 2.40 157 ePn 46 28.34 -0.3
OUR 2.85 133 ePn 46 34.32 -0.6
eSn 47 07.57
IGT 2.87 195 ePn 46 35.48 0.1
AGG 3.39 166 ePn 46 41.92 -0.8
S.D. = 0.7 on 12 of 14 obs.

% JUN 30, 1994 23h 08m 05.23± 0.92s
39.372 N ± 7.0km 29.230 E ±12.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ALT 0.75 115 ePg 08 20.00 0.0
IZI 0.98 11 iPg 08 24.50 0.6
KHL 1.07 168 ePg 08 25.50 0.0
KCT 1.10 323 ePn 08 26.00 0.0
YLV 1.20 5 ePn 08 27.00 -0.6
S.D. = 0.6 on 5 of 5 obs.

% JUN 30, 1994 23h 10m 37.17± 2.42s
37.841 N ±22.8km 25.713 W ± 8.2km
DEPTH = 5.0km (geophysicist)
AZORES ISLANDS (405)

SETA 0.04 228 eP 10 38.58 0.0
iS 10 40.32
FAC 0.08 144 iP 10 39.08 0.0
CML 0.15 118 eP 10 40.32 0.1
iS 10 42.56
LFA 0.19 110 iP 10 40.98 -0.2
iS 10 43.17
MESC 0.22 102 eP 10 42.32 0.7
eS 10 44.80
SDCA 0.32 98 eP 10 43.05 -0.5
iS 10 46.00
S.D. = 0.5 on 6 of 6 obs.

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* JUN 30, 1994 23h 45m 24.23± 0.90s
23.853 N ±10.0km 121.500 E ±12.2km
DEPTH = 33.0km (normal)
4.1mb (6 obs.)
TAIWAN (244)

HKC 6.92 259 iP 47 06.10 0.1
SSE 7.22 358 ePg 47 16.00 5.9X
Z 12s 3.10um
E 12s 4.20um
eSg 48 46.00
BAG 7.45 187 eP 47 14.00 0.4
BJI 16.75 346 eP 49 18.50 0.6
1.5s 14.00nm 3.9mb
Z 12s 1.45um 4.0Msz
N 12s 1.18um
KMI 17.13 278 eP 49 29.60 6.7X
1.4s 30.00nm 4.2mb
sP 49 41.50
eS 52 40.00
sS 52 52.00
MAT 19.16 45 (P) 49 48.00 0.3
0.7s 5.48nm 3.9mb
Z 20s 0.35um
eS 53 08.00
LZH 19.52 313 Pd 49 52.50 0.5
2.0s 106.00nm 4.8mb
sP 50 03.00
PP 50 11.00
eS 53 30.00
sS 53 39.00
SS 53 57.00
CHTO 21.59 261 ePd 50 13.50 0.2
1.2s 20.14nm 4.4mb
GEC2 83.28 321 PKP 57 47.00 -2.0
0.8s 0.75nm 3.9mb
e 57 56.10
e 58 04.00
S.D. = 1.1 on 7 of 9 obs.

STATION DATA REPORT FOR JUNE, 1994

1885 stations reported 80891 reading arrival groups

X = data received for this 6-hour time period

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DATE  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29 |30
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AAA          XXX XXXXX     X X        X XXX  X  X       XX                   XX     X                X      X             X
AAE          X   XX   X  X   X        X X                X                                                                  X
AAI            X X                                    X  X                                          X XXX
ABA      X     X    X                 X                     X              X    X   X        X     X X       X   X  XX   X  X
ABHA              XX   X   X                 XX X          X      X                X           X  X                    X  X X
ABL   X   XX X X XXX XX    XXXX  X XX XX       X           X      XX  XXX  X XX   XX          XX      X  X  X  XX  X XX XX
ACO   X   X X XXXXXXXXX   X XX X   XX  X X             X      X  XXXX X  X                   X   X XXXX  XX XXX       X
ACTO  X      XXX XXXXXXX XXX X      X X XX      X      X      X   X X           X                X            X   X          X
ACU            X X          XX      X                                             XX                                         X
ACX          X X XXXXXX     XX  X XXXX XX X XX    XX  X       XX XX   X      X  XXX  XX         X XX X     XXX        X  X
-------------------------------------------------------------------------------------------------------------------------
ADE   XX  XX XXX XXXXXXXX  X X X X   XXXX    X X    X     X X X X   X      X  X  XX X  X                      X  X       X X
ADI    X X   XX  XX XXXX  XX      X              XX  X        X    X XX        X  X  X  X  X   X      X     X X               XXXXX
ADK     X X X X XX XXX    XXX  X    XX X   XX XX      XXX  XX XX  X     XX  X X   X              X    XX     X X       XX  X
AFR          X X X          X X        XXX                          X X  X                                                XX
AGG   XXX  XXX X XXXXXXXX XX X  X XX XX XXXX   X X   XXXX  XXX  X   XX   X X X  XX XX  XX X  XX X  X X XXXX    X    X   XXXXXX
AGO    X       X X  X X  X X X    X   X  XXXXX           X              X XX   X X  X  X   X     X                XX        X
AGU          X          XXX  X X    X   X     X   XX                X   X               X  X      X         X   XX
AGX          X X XXXX X      X        XX    X   X                 X                                     X                  X
AKU            X X    X    X X        X XXX  X                      X X    X        X                    X                 X X
ALJ   XXX  X   X XXX      XX X  X X    XX               X    X X    XXX X  X  X       X XX       X              X  X     X    X
-------------------------------------------------------------------------------------------------------------------------
ALN   XX    X XXXXX XXXXXX X X X X    X XXXXX  XXXX X  XX     XX  X    X    X X X    X XX     X  X  XX X    XXX    XX     XX    X X
ALQ   X  X X XXX XXXXXXX XXX XX XX   XX X XXXXXXX XXX XXXXX XX XX XXXX  X X XX XX  X        X X   X XXXX XX XX    XX XXXXXXX
ALT    X                                                                                     X     XX   X   XX      X XXXXXXX
AMW    X   X         X X  XX  X X       X      X          X      X    X XX                                    X  X X       X XXXX
ANM      XXX   X X    X X X X  X      X X  XXX           X              X X       X   X  X                 XXX             X X
ANN       X  XX  XXX X      X         X XXXX X          XX    X XX          X  X  X  X                     XX  X   X       XXX
AOMJ        X    X  X      X XX  X     XX  XX XX X    X      X X    X X       X                 XX       XX X  X X       X X
APAO    XX      XXX           X X      X      X X             XX      X               X                     X              X
APL                                                                 X XX XXX X    X X  XX                  XX       X        XXX
AQU         X    X    X    X X        X    X    X                               X       X                  XX        X       XXX
-------------------------------------------------------------------------------------------------------------------------
ARAO    XX      XXX     X       X      X      X X             XX        X               X                    X             X
ARC   X        X XX   X    X X       XX                X            X      X    X                          XXX            XXXXX
ARE   X      XX X XX XXXX XXXXXX XX X  XXX XX X    XXX XXXX   XXX   XXXX X  X          XX   X    X XXX    XX      XX  XX
ARMA  XX  XXXX XXXXXXXXXX XXXX XXX   XXXX  X XXX  X X XXXXXXXXXXX  XX                                         XX XXXX          XXXXX
ARN   X  XX  X X XXXXXX  XXXXX  XX X XX X    XX X      XXX X  XX  XXX      XX   X         X   X    X     XX  X  X  XX    XX XXXXX
ARU      XX  XX XXXXXXXX XXX XX XX     X                      X    X       X        X                       X          XXX
ARUT  X   X  XXX XXXXXXX  XXXX XXX X XX X XXXXXXX    X XX      XX    XXX   X  XX XX XX    X  X X XX   X  XXX XXX XX    XX XXX XXX
ARV         X X X    X    X X         X  X X    X                             X       X                   XX X       X      XXX
ARVC       X           X    X X              X                  X                 X           X        X          X  X
ARVI      X     XXX XXXX XXX      X     X X XXXX X          X   X XX            X X     X          X   X X X  X             XX XX
-------------------------------------------------------------------------------------------------------------------------
ASAJ  X  XXXX X XXXXXX     XX XXXXX     XXXXXXXXXXX X X  XXX  XX X X X X X     XX X  X      X  X  X   X   XX XX X X     X X  XXX
ASBA               X   XXX                                  X         XX      XXX XXXX X          X XX XX                XX   X
ASH       X  XXXXXXXXXXX XXX X  XX    X XXXX X XXXX X   XX  XX XX  X XX  X XXX XX X X  X       X        XXX XX            XXXX
ASK        XX               X   X  X X X         X    X    X    X    X                     X                     X
ASPA  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX X  XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XX  X    X
ASR   X   X   X XX XXX    X X  XX       X XX X  X        XX          XX       XX       XX          X   X                 XX  X
ASS         X  X X    X    X X        X  XXX    X                             X X     X                    XX X    X    X    XXX
ATE        XX               X  XX    X               X      X X   X                 X  X                                       XX
ATH         XX   XX XXX X         X         XXX          X    X X                     XX    X X  X  X                XX     X  X X
ATN         X    X          X        X   XX      X                             X X    X                        X           XX X
-------------------------------------------------------------------------------------------------------------------------
ATZ    X X   XX  X  XXXX  XX      X     X X  X X          X   X XX            X X   X  X  X   X       X      X  X           XX X
AUE       X    X        XXX  X XX   XX XX       X   XX  X  XX X    X  X              X  X          X   X      X   XX  X       X
AUH       X    X        XXX  X XX   XX XX       X   XX  X  XX      X  X              X  X          X   X      X   XX          X
AUI       X    X        XXX  X XX   XX XX       X   XX     X       X  X              X  X          X   X    X X   XX  X       X
AUL       X    X        XXX  X XX   XX XX       X   XX  X  XX X    X  X         XX  XXX X          X   X      X   XX  X       X
AUP   X  XX    XX       XXX XX XXX  XX XXX  X   X   XX  XX XX X    X  X         XX  XXX X          X   X    XXX   XX  X       X X
AURF  X  X     X XX           XX X      X  X XX          X XX  X  X X      X X  X   X              XX          XX      XX X X X  XXXX
AUTN  X  X     X XX    X    X XX X      X  XXXX           XX XX    X X     X X  X   X              XX          XX      XX X X X  XXXX
AVE   XXX      XX XXX       XXXX  X X    XX  X            X X  X XX   XXX    XX  X      XX X  X XX     X       X X        X     X X
AVF   XX XXX X X X XX XXXXXX XX   X   XXX XXXXXXXXXX    XXXXX XXXXXX X XX  XX X XXXXXX XXX X  XXXXXXXX  XXX XX  XXX  X    XXXXX
-------------------------------------------------------------------------------------------------------------------------
BADA                   XX      XXX  X              XX           X                   X  X
BAG   X   X  XXX XXXXXX X XX X X X   XXXXXX  X X  X X  XXX   XXX    XX  XX X XX  X  XX XX      X        X  X X  X X         XXX X
BAK              X          X          XXX  X         X      X    X  X   X XX                              X                X X
BAL        X XXXXXXXXXXXXXXX X XXX        XXXX XX X X X  XXXXX XX   XXX    X  XX X  X
BALM  X XXXX  XXXXX  XXXXX XXXX X  X  XXXX X XXXX XX  XXXXX XX XX   X X XXXXXXXXXXX X        X     X  XXX    X X X  X  X X X XX
BAO   X  X XXXXX XXXXXXX XXXXXXXXXXX XX X XX X    XXX  XX XX XX XX XXXX  XXXXXXXXXXXX  XX    XX XX  X XXXX  X XXX      X XXX XXX
BART                                  X X X        X     X  XX                      X  X X   X              XX   X
BBP       XXX                         XXX X XXXXXX  X    X X  XX    XX  XXXXXXX X   XXX X XXX   XXX X   XXX X  XX  XXX XXXXXX
BBS   X        X X  X X     X X       X     X          X    X  X  X X  X X X          X  X                  X                XXXX
BCA3  X    X  X X    X XXX  X      X   XX    X   XX  XX XX X  XX  X             XX X                 X X    XX    X
-------------------------------------------------------------------------------------------------------------------------
BCAO  XXX XX XXXXXXXXXXX XXXXXXXXX XXXX XXXX XXXX X X X XXXXXXXXXXXX XXX   XXXXXXXXXX XXX XX XXXX XXXX  XXXXX XXXX  X    XXXX
BCH   X   XX   X XX  XX   XXXX      X XX    XXXXXX  X     X     XX  XXX     X   XX            XX      X      X  XX  X  X XXX
BCK                XX XX  XXX           X              XX X   XX        XX X      X       X   X  X  X X     X          X         XXXX
BCP                                                          XXXXX  X   XX          XX  X                   X                 XX X
BDFB  X       XX  XXXXXX                   X X          X      X   X X    X                                                    XX 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 |30
---------------------------------------------------------------------------------------------------------------------------------
BDI          X  X X         X X        X    XX                               X X      X                   X      X   X     X X
BDT        X XXXXXXXXXXXXXXX         X XX XXXX X XXXX XXXXXXXXXXXXX      XXX X XXX XX XX XX X XX  X  XXX  XXXXXX XX  X XXX XXXX X
BDV     XX   X  XXXXXX X   XX X XXXX XXXX XX  X   X   XXX   XX     X   X     XXX XX      X    XXX XX  XXX     XX  X X XXX
BEO                XX X X    X     X    X         X                  X    X      XXXX                           X  X  X
BFS      X   X  X    X       X X  XXX     X    XXX   X   X     XXX   X  XXXX      X     X   X     XX  X  XX         XX XX
BFT                                X  XXXXXXXX XXX X XX XX  X XXXXX   X XXXX  XX XX X    XX  X  XX X  X  X           X XX
BGF   XX XXX   X X  X XX XXX XX X X XXX  XXX X X X    XXXXX XXXXX XX XX   X  XXXXX X  XX      XXXX X    XX X   XXX  X      XXXX
BGIO  X  X        XX XXX   X                X   X                X       X                        X                    X XX
BGL   X  X    X                X        X      X             X  X   X   XX X XX X       X   X  X XXXX   XX  XX         X
BGMT                             X          XX         X      X      XX X   X                                   X          X
---------------------------------------------------------------------------------------------------------------------------------
BGR   X  X    X      X XXX  X XX   XX XXX    X   XX  XX XX X   X  X  XX    XX XXXX X                X XXXX    X  X       XX
BHB   XX XXXX  XXXX       XX X XX X  XX XX                  XXX   X XX XXX X  X XX  X X X  XX XX XXX XXX      XXX        XXX
BHG   X X X X  X X    X  X X X        X    XX X    X         X     X   X     X X   X  X  X  X  X  X   XX       X        X X X
BHL    X X      XXXXXX                X X XX   X          X  X  XX    X   X X  X  X  X  X       X   X   XX             X X
BIM   XX       X            XX  X    XXX  X        X   X    X X  XXX        X                                             X
BINY  X     XXXXXXXXXXXXXXX X   X    XX X XX X X  X X XX XXXXX XX  X X   X  XX XX X          X   X   XX XX XXX        XX X
BIP      X  XXXX XXXXXXXXXXXXX XXXXXX XXXX X   XXXX X XXXXXXXXXXXX XXXX XXXX X XX XXXXX   X X XX   XXX XXXXXXXXXXXXXXXXXXXXX X
BJI   XXXXX XXXXXXXXXXXXXXXXXXXXXX X XXXXXXXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXXXXXX XX XX  XXXXXXX X  XXXX XX XXXXXX XXXXXXXXXX
BKG   X  X X X      X XXX  X XX  XX XXX     X   XX  XX XX X   X  X  XX    XX XXXX X       X   X  X XXXX   XX  XX       XX
BKM   XXXXXXXX X XX  XX X     XXXX   XXXX    X XX X XX XXX  XXXXXX XXXXX  XXXX XX XX  XXX XXXXXXXXX  X XX X  XXXXXXXXX  XXXX X
---------------------------------------------------------------------------------------------------------------------------------
BKS        X X X XX   X    XXX     X XX X    X  X        X    XX   XXX    X    XX                    X  X  XXX XX      XXXXXX
BLA   X      XXX XXXXXXX XXX X  X    X XX            X      X    X X      X                         X
BLF     XX  XXXX X  XXXX  X  XXXXX  X X XXXXXX X   XXX X XX  XX X XXXXXXXX X XXXX    XXXX X     XXX XX XXXX  XX XX       XXX XX
BLS5                         X  X   X X X           X      X   X   X                         X
BLW   XXX  X          XX X  XX  X      XX          XX    X                                            X          X X  XX
BM3   X   X  X          XXX  X     X   XX     X   XX  XX  X X  XX  X           XX                 XXX   X    X
BMG   X  XX  X X XXX  X XX  XXX  X XXXX X X    X        XXX   XX  X     X       X            X    X      X           X  X
BMTC               X  X    X X    X         X   X        X                      X          X        X      X
BMW   X    X XXX XX  XX    X X  XX   XX XXXX X XXX       X    X     X    XX   X   XX         XX   X   XX X   XX        XXXXXX
BNI            X X                                                       X        X                 XX     X         XXX
---------------------------------------------------------------------------------------------------------------------------------
BNN    X X   X    XX X X     X         X      X X                X X                          X    X       X       XXX X
BNS          X    XX X X       X       X             X         X      XX         XX             X                    X X
BNT      X  XX XX XXXX XX    X   XX    X XXXX X X XX XXX  XXXXX XX XX XXX XX XXX  XX XX          X    X       X        XX
BOB         X  X X       X X       X  XXX                                 X X      X                X      X       XXX
BOD       XX  XXXXXXXXXXX XXX X  XX    X XXXXXX XX X X  XXX  XX X   X X X  X XXX X        X     XX  X XXX    XX  XX X
BOG   X  XX XX X XXX  XXXXXXXXX  XXXXXX XXX     X X      XXX   XX XXX X  X X     X      X   X    X     X      X       X  X
BONR  X   X   XX XX  XXX  XXXX  XX X XX   X  XX XX  X  X   X XX   XXX     X     XX  X   XX X    X     X  X XXX XX   X  X X X
BOSA  XXXXX XXXXXXXXXXXXXXXXX XXXXXXXX X XXXXXX XX XXX X  X    XXXXXXXX X X XXXX   XXXX X XXX XXXXXXXXXXX  XXXXX XX  X XXXXXX
BOT   X X X           X      X X       X               X        X    X        X                X X      X
BPA   X X   XXXX             XX  X  X XX X     X X  X     XX         X X    X  X XX                X     X X        X    X  X
---------------------------------------------------------------------------------------------------------------------------------
BRG   X  XXXXXXXXXXXXXXXXXXXX XXXXX   XXX XXXXXXXXXXX XX XXXX XXXXXXXXXXXXXXXXXXXXXX XXXXX XXXXXXX XXXXXXXXXXX XXXXX XXXXXXXXXXX
BRLK     X    X         XXX  X XX  XX XXX     X   XX      XX X   X  X       XX  X   X       X   X    X  X   XX  X        X
BRN          X X X    X      X       X                                X         X                                        X X
BRNI               XX  XX        X     X    X      X      X   X  X        X         X  X   X                             X
BRNL         X X X  X X   X  X       X                                X         X                                        X X
BRT         X    X    X      X       X       X  XX                    X         X                   XX                   XX X
BRU     X   X   X  X         X       X                     XX  XX X          X  X   XX                                  X
BRVK                                         XXXXXXX  XXX  XX XXXXX XXX  X XXXXXX X        X X    X XXX XX XXXX  X XX  XXXX
BRW   X   X       XX   X  X X XX       X XX XX  X        X   X XX     X    X  X   X         X  X        XX X  X X         XXXX
BRY     XX  X  XXXXXX X  XXXX XXXX XXXX XX  X   X   XXX   XX     X    X     XX  XX        X       XXX XX  XXX      XX  X X XXX
---------------------------------------------------------------------------------------------------------------------------------
BSD        XX X  XX     X    X X       X XXXX X            X               X X      X                  X X        X    X X
BSF   XX XXXXXXX X XX XX  XXXXX X X XXX XXXXXXXXXX X   XXXX XX XXX XXXX XXX X  XXX X XXX X  X  XXX     XXX XX  XXX  X    XXXXX
BTH   X       X X X X   X    XXX XX   X XXX          X XXX X  X              XX XX   X           X  X   X    X       XXXX X
BUC           XX  XX  XX               X X  X                                    XX   X
BUC1          X   XX   X    X X      X X                                       XXX       X  X       X
BUL   X  X    XXX XXXXXXX XX XXX XX X  X XXXX XXXX  XX XXXXX XX XX X  X
BUT                              X         X                XX    XX X   X    X                                           X
BVA     X          X   X       X      XX  X                          X                        X                      X
BW06  X  X X XXX XX   X  XXXXX                      XX X   XX XXXXXX   XX X XX XX   XX    XXX  XX XXXX X X XX   X  XXX XXX
BWA     X  XXXXXXXXXXXXXX  XXXX XXX    X X    X X   X   XX  X X  XX     XXXX  XX X        X  X       X  XX X   X   X X
---------------------------------------------------------------------------------------------------------------------------------
BWN   X   X  X         XX         X    X    X   XX  X        X                 XX X       X        XXX        X
BWZ    X   X       X  X    X    X      X X      X     X     X   X  X                                             X
CACH  XX X  XX X X X XXXX X X  X XX   XXX  X X  X   X   XXX X XX  XXX  XXXXXXXXXXXXXX  X X X X    XX   XX X  XXXXXXX X XXXX XXX
CAF   XX X  XX X X  X X  XXX X  XXX XXX  XXXXX X X   X  XXX XXXXXX X XX  XX XXXXXX XX XX    XXXXX  X   XX X   XXX        XXXX
CALN  X  X      X X       X XX X     X   XXX             X     X X    X X  X   X         XX         XX      XX X X X  XXXX
CAN   XX  XXXXXXXXXXXXXX  XXXX XXX   X X    X X   X    XX X X X   XX     XXXXX  XX X  XX    X   X    X    X  XX X    XX XX X
CAR   X                   X XX    X XX X            X     X   X X   X        X                 XXX  X  X             X  X X
CAW   XXX  X X    XXX XX X XXX  X X     XX     X   XX  X  X     X   X XX         X                   XX XXX X      XX X XXXX
CBM   X  X    X X XXXXXXX XXX X   X    X X  XXX         X   X X  XX X    X XX XX  X                     X  XX        XX X
CCB   X    X  X        XXX  X     X  XXX     X    XX  XX XX X   X  X  XX   XX XXXX            X        XXX  X    X
---------------------------------------------------------------------------------------------------------------------------------
CCH   X  XX XXXXXXXXXXXX XXXXXXXXX X XXXXXXXXX     XX   XXXXXX  XXX XXXXXX  X  X   XXXXX  X X XXXXX    XXXXXX     XX XX  XX XX X X
CCM   X       X X X    X       X   X     X                           X  X
CDD   X  X X X    X      X XXX  X XX   XX XXX     X    XX  X  XX       X  X     XX  XXX X      X  X  X    X  XX  XX        X
CDF   XX XXXXXXX X XX XX  XXXXX X X XXX XXXXXXXXXXX XX   XXXX XX XXX XXXX XXX X  XXXXX XXX X     XXXX   X XX XX XXXX  XX   XXXXX
CDR    X X XX  XXX     X  XX XXXX   X XXX XXXX    X     X  X XXXX  XXX  XXXXXX     XXX    X    X XX XX   X      XXX XXXXXXXXXXX
CEH   X  X X XXX XXXXXXX XXX X  XX    X X XXXX  X X X XX XX X  XX XX X   X  XXXXX X
CEOS  X       XX XX XX X X
CER      X         X    X      XX       X   X X  X  X X    X     X  X  X      X                       X     XX           X
CEY        X X XX       X         XX  X                           X XX              X   X X    X   X  XX       XX  X   X    X
CFL        X          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 |30
      ------------------------------------------------------------------------------------------------------------------------
CFR    X X XXXX XXXX  X    X    X    XXXXXX  X X     X                           X XX       X  X       X XX
CGL          X  X X           X        X           X                       X X     X                           X         XXX
CGLM  X  X X  X      X XXX  X XX   X    X     X   X
CGP   X  XX  XXX XXXXXXXXXXXXXXXXXXXX XXX   XX XXXX  XX  X  XX XXX XXX XXX X X XX XX XX  XX X      XXX XXX XXXX X  XXXXX   XXX
CGX             X  XXX      X X     X   X  X    X                        X            X      X     X    X  X
CHCH  XX X  XX X X X XXXX X X  X XX   XXX  X X  X   X   XXX X XX  X X  XXXXXXXXXXXXX  X X X X    XX  XX X  XXXXXXX X XXXX XXX
CHDN    XX XX  X  X    X     XXXX  XX X X  X          X    X XX  X    X  XX     XXX        XXXX X  X          X  X    XXXXX
CHJJ     XXXXXXXXX XXX   XXX XXXXX   XX XXXXXXXXXXXX    XXX  XXXXXX X XXX  X XX X          X  X X    XXX XXXX X XX  XX  X X
CHTO  XXXXXXXXXXXXXXXXXXXXXXXX     XXXXXXXXXXX XXXXXXXXXXXXXX  XXXXXXX XX XXXXX XX XX XX  XXXXXXX XX X XXXXXXXXXX X XXX XXXXXX
CHX   X         X   X  XX         X   XX    X   X      X      XX  X      XX  XXX        X      X    X
      ------------------------------------------------------------------------------------------------------------------------
CIT      XX  XXXXXXXXXXX XXX XXXXX    X XXXXXX XX XXX  XXX  XX X  X  X X  X   X    X    X    X  X       XX  X XXX    XX  XXXX
CKI         X  X         X        X    X                             X       X                       XX       X           XXX
CKL                                          X                 X  X     X X X  X        X        XXXX   XX  XX       X
CKN   X    X  X     X XXX  X  X   XX XXX     X   XX  XX XX X   X  X  X    XX XXX  X       X   X    XXXX   XX   X       XX
CKT   X  X X  X     X XXX  X XX   XX  X      X   X   XX XX X   X  X  XX   XX XXXX X       X   X    XXXX   XX  XX       XX
CLL   X  XXXXX XXXXXXXXXX XXXXXXXXX XXX XXXXXXXXXX XX XXXX  XXXXXXXXXXXXXXXXXXXXXXXX   XX  X XXXX X X XXXX XX XXXXXXXXXXXXXXX
CLLP  X    X   X     X  X    XX   X  XX     XX      XX X        X                  X    X  XX      X  X  X X    X
CMB   X  XXX X X XXXXXX  XXXXXXXXX X XX X  XXXXX    X  XXX  XXXX  XXX   XX    XX  X   X   X   X  X  X  XX XXXXXX     XXXXXXXXX
CMCZ   X                         X    X                   X                                         XX    X      X X X
CML      XX X  X X  ..       X X X X   X                 XX   X     X        X   X X              X      X   X  XX      X
      ------------------------------------------------------------------------------------------------------------------------
CMP           X XXXX X X   X X   X    X XXX  X XXXX                                  XX         X  X       XXX    X
CNB   XX  XX XXXXXXXXXXXX XXXX X X     X    X X    X  XXX X X X   XX X XXXXXX  XX X  XX X  X X X    X    X  X XX    X  XX X
CNIL  X X     X XXX      X X  X X   XX                 X    X X X  X         X            X                  X          X
CNPM  X  X X  X     X XXX  X XX   XX XXX     X   XX  XX XX X  X  X  XX   XX XXXX X       X   X  X XXXX    XX  XX      X
CO2       X                                 X  X              X                      X  XX                       X
COE   X  XX    X XX  XX   XX X  X  X XX                     XXX         X       X  X          X      X  XX    X X  X
COL           X  X   X   X X  X     X X          X           X X   X     X                                           X X
COOL       XX XXXXXXXXXXXXXXX X XXX      X  X XX XXX XX XXXXX XX  X X   X  XX X
COP          X   XX   X   X X     X X XX X       X     X      XX X       X                        X         X X
COZ            X   X X   X        XX                                     XXX
      ------------------------------------------------------------------------------------------------------------------------
CP2   X XXXX  XX XX   XXXX XXXXX   XXXXXXXXX  XX  XX  XX XX XX XX  X   X  XXX XXXX X  X     X  X  X XXXX XXXX  XX    X XXXX
CPD   X    X   X     X      XX   X  XX     XX     XX X         X                X  X     XX     X  X  X X  X    X
CRE          X  X X        X X    X  X X    X                      X X      X                                     X
CRGC      X          X   X X                    X    XX  X          X                    X
CRM   XX       X          XX  X   XX   X     X    X    X  XXX     X                       X                 X X
CRNY           X X        X       X                       X                                      X
CROR  X    X   X XX X X   X X  XX    X XX X        XXX       XX    XX  X                 X                      XXX  XX
CRP        X  X       XXX  X    X  XX    X   X   X   X X   X  X     X  X  X       X      XXX   XX  X      XXX
CRX            X XXXXX       XX      XX    X  X    XX      X      X X       XXX          X       XXX       X  X
CRZF         XX  XXX XX  X X X       X                 X X   X          X  X   X X                               X X
      ------------------------------------------------------------------------------------------------------------------------
CSP   X  XXX X X XX XXX   XXXXX XXXX XX    X   XX  X  XX X X  XX   XXX  X XXX  XX  X  X  X  XX X    X XX  X XXX  X XXXXX XXX
CSS          X    XX  XX  X X    X    X X  X         X  XX        X X   X  X      XX  X    XX X  X X X  X     X         X X
CSY   X      X X XXXXXXX XXX X XXX  XXXXX     X        X   X X   X      X  X   X X  XX             X X X    X
CTA   XX  XXXXXXXXXXXXXXX XXXXXXXX  XXXXXXXXXX XX XXX XXXX XXXXXX      X  X  XX X
CTAO         X   XX   X           X X              X   X X   X      X    X                          X         X X
CTB     XX   XX  XX XXX X  XX X X     XXX  X   X  X     X XX  X XXXXX  XXX  XXX  X X    X X    X X XX X   XX
CTI         X  X X   X    X X        X  XXX     X                   X X      X                 X X     X         X X
CTT   X X X XX XXXXXXX XX XX  XXXXX     XXX XX XX XXX  X X XXXXXXX XXX  XX XX XXX XX  X     XXXX   XX XX XX XXXX  XX X X   XX
CUT   X  X X  X     X XX   X XX   X  XXX     X   XX  XX XX     X  X  X    XX XXXX X       X   X    XXXX   X    X       XX
CVA   X    X  X X     X XXX  X      X  XXX     X   XX  XX XX    XX  X  XX   XX XXXX X       X    X  XXX    X             X
      ------------------------------------------------------------------------------------------------------------------------
CVL   X  X    XXXXXXXXXXX XXX X  XX   X XXX  X    X X  X XX X  XX XX X        XX               X       X   X  XX       X  X
CVP   XXXXX XXXXXXX XXXXXXXXXX XXXX XXXXXX XXXXXXX XX X XXXXXXXXX XXXXXXXXX X XXXXXXXXXX X  X    XXXXXXXXX  XXXXX X   XXXX X X
DAG   XXXXX  X XXXXX XXXXX X XXXXX  XXXXXXXXXX XX      X  XXX XXX XXXXX  XXX  XXXXX         X X          X
DANN  XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX  XXXXXXXXXX XXX  XXXXXXXXXXXXX   XXXXXXXXXX XXXXXXXX
DAU   X  X X XXX XXXXXXX   XXX XXX   XX  XXX X XX X X   X     XX  XXXX    X    XX XX   XX X   XX   X XXXX  X  XX   X XXXX XXX
DAV   X      XXX XXXXXXXX XX XXX X   XX X X  X X X  X X   XX  XXXXX  XX    XX XX X  X        X     X X    X XX         X X
DBN          X        X      X        X                     X         X        X                                       X X
DBO            X        X   X X   X        X  X          X           X     X   X   X         X                        XX  XX
DCN   X  X X X X XX   X   XX X       X X                                                 X    XX                      XXXX
DDM                  X         X    X          XX  X  XX     X     X     XX  X                       X X
      ------------------------------------------------------------------------------------------------------------------------
DEG   XXX    XXX  X      XXXX  X  X XXX XX XXXX  X     XX    X     X X   XX  X XXXX XXX        X  X X  XXX                X X
DEV          X      XX     X X X X    XX XXX                           X      X      XX    X X
DFR   X  X     X     X XXX                   X   XX  XX XX X  X  X  X   XX XXXX X       X   X    XXXX   XX  XX       XX
DHJN   X          XX  XX  X           X    X          X X   X          XX XX  X  XX X        X                  X  X X
DHR               XX   X X            X X  X            X  X          X      X  X                                      X X
DHY          X         X   X    X   X    X   XX  X  XX    X  X  X   XX XXXX X       X        XXX  X    X       X
DIM                         XX    X           X        X                X XX       X        XXX       X        X
DIW   XX            X  XX X  X  X     X        XX    X     X    XX                            X       XX    X X
DIX   X  X XX  X X      X XX   X  X  XXXXX XX  X     X   X  XX X X   X X      X  XX        X          X  X      XXX
DJE   X    X           XX      X    X       XX  X   X    X                  X              X
      ------------------------------------------------------------------------------------------------------------------------
DLA   X      XXXXXXXXXX    X  X   X X  X   X   X         XX  X    X    X                     X  X               X
DLF   X  X X X X X XX  X   XXXX     X  X                                  X   X     XX            XXXX
DMK   X     X  X XXXXX XX  X   XX    X X     XX XXX     X XXXX XX        XX XX       XX X   X  X X   X    X         X
DMN   X XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  X XXXXXX X XXX   XXX XXXXXXXX     XXXXXXXXXX XXXXXXXX
DNP                    XXXXXXXX                                          XXXX      X XX                           XX
DOG   X X    XX    X      XX  X  X XX  X   X    X     X     X    X          X   X          X       X          X
DOI         X  X X        X X     X   XX                           X X     X                       X         X X
DON   X      XX  XXXXXXX XX       X
DOT   X   X  X          X          X    X       XX  X   X      X  X  X    XX  X X          XX
DOU   X  XXX XXX XX X X   XX XX     X XXXXXX                XXXXX X X X   X XX X X   X    XX  XXXX    XX    X       XXX
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DATE  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29 |30
-----------------------------------------------------------------------------------------------------------
DPW           X X XX   X    X XX XX   XX XXXX X           X      X   X X X  XX        XX   X              XX   X XX      X XX XX
DRV           X  XX   X  X              X                        X   X                 X                           X             X
DST     XX XX  XXXX XXXXXXX X   XX  XX  XXX XXX XX XXX  XX  X XXXXXXXX  XX  XX
DSZ                                                              X   X  X                                X X  X X    XX X X  X
DTP       X        X  X    X      X  X     X      X              X   X                  X   X      X        X  X  X
DUG    X  XX  XXXXXXXXXXX XXXXX XXX X  X XXXXXXXXX X X  XXX   XXXX XXXX   XXXXX XXX X     X   XX  XX  XXX XXXXXX    XXXXXXXXX
DUI          X  X X    X    X X       X    X  X  X                         X X      X                X               X    X X
DVD     X       X  X        X         X                      XX  XX X         X X  X   XX                                X
DZM    XXXXXXXXXXXXXXXXXXXXXXX XXXX XXXXXXX  XXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX
EALH   X       X X          XXX       X   XX      X     X          X X                                                       X
-----------------------------------------------------------------------------------------------------------
EBAN   XX  X    X XXX      XXXXX X X   XX  XX.     X  X XX    X    X X    X XXX  XXX X       X          X X   X          X X
EBG    X    X   X XX X X    X X  XX        XX X         XXX        XX     X       XX           X   X                   X X  XX
ECB    X        X X                   X                                                     X          XX X                XXX
ECH    X    XX  X X  X X    XXX       X XXXX  XX X      XX  X  X   X XX X X X     X  X                 XX                  XXXX
ECHE   X        X X         XX        X   XX            X          X X    X X    X XX  X       X                   X        X X
ECO     X       X  X        X                              XX  XX X    X     X X  XX  XX                                   X
ECOG   XXX X  XXXXXXXXX  X XXXXX X X   XX  XX X  X  X XXXXXX  XX   XXXXX  X  XX    XXXXX       X  X     XX X XX            XXX
ECP    X  X X   X X                   X                                                     X          XX X                XXX
ECRI    X       X X         X   X     X   XX        X              X X                          X              X            X XX
EDC    XXX XXX XXXXXXXXXXX XXX XX XXX XXXX XXX XX XXXX XXXXXXXXXXXXXX XX XXXX XX XXX  X     XXXX    XXXXXXXX XXXX XXXXXXXXXXX
-----------------------------------------------------------------------------------------------------------
EGD         XX              X  X   X X X         X  X   X   X    X                         X                        X
EGRA   X        X X         X   X     X   X        X          XX   X X    X X   XX XX  X                        X          X XX
EGUA   XXX XX XXXXXXXXXX X XXXXX X X   XX  X    X XX XXXXXX X XX X XXXXX XX   XX    XXXXX      X XX        XX X XX     X  XXXX
EHOR   X X X    X XXX    X XX XX X X   XX X X      X  XXXX X XX    XXXX   X XXX  XXX XX        X             X   X          X X
EHUE   XXX X   XX XXX    X XXXXX X X   XX XXX      X   XXX    XX   XXX    X   X   XXXXX      X  X           XX XX          XXXX
EJIF   XX       X XXX      XXXX  X X   XX   X    X  X  XX X  X XX  XXX    X  X    X            X             XXX            X X
EKA    XXXXXXXX XXX    XX     XXX XX   XXXXXXXXXXXXXX      XXXX           XXX X X    XX XXXX      XXX XX
ELF    X       XXXXXXXXX      X   X    X X  X    X   X           XX  X    X     X                          X  X              X  X
ELIZ    X       X             X   X    X    X       X                     X       X X   X                                    X XX
ELK             X        X X XX                         X X XX    XX            X       X  X       X  X  XX                  X XX
-----------------------------------------------------------------------------------------------------------
ELL       X       XX XX  X  X   X X   X XX  X  X X             XX           X X     XX               X X       X              XXX
ELOJ   XXX XX XXX XXXXX  X XXXXX X X   XX  XX    X  X  XXXX X XX   XXXX XXX  XX    XXXXX       X XX        XX XXXXX          X X
ELUQ   XXX X    X XXX    X XXXX  X X   XX XXX          X  X   XX   XXXX   X XXX   XXXXX        XX             XX XX          X X
EMAL   X        X           X X    X    X                          X X          X X          X               X
EMEL   XXX  X XXXXXXX XX X XXX   X X   XX        X  X XXX X  X X   XXXX  XX  X      X      X           X  X
EMON            X             X       X                            X X    X X    X X   XX       XX          X X              X
EMS    X                   X X        X   XXX    X           X            X       X                            X               X
EMUT          XXX XXXXXX  XXXXXXXXX   XX   XX  X   XXX        XX   XXX        XX XX                  XX  X  XX      XX X XXX
ENIJ   XXX        XXXXX    X X  XX X X  XX  XX    X XX    XX X X X  X XXX    X   X    XX          X  X            X         X X XX
ENN    XX    XX  X X  X X   X X X      X X XXX XX X   XXXXX  XX     XXX   XX X    XX   X   X   X  XX  X  X     XX  X     XXXXX
-----------------------------------------------------------------------------------------------------------
ENR    XX XXXX  XXX      XX X XX X  XX X  XXX    X   X XX X X  XX    X XX   XX X  X XX  X   X  XXXXX X X XXXXX X  XXXX        XXX
ENSF              X              X    X   XX                        X                                       X                XX
EPF    X      X X X     X  X   X   XX  XXXX  X      X          XXX XX XX  X X   X XX XX    X XX   X  XX     XXXX  X        XXXX
EPLA   X        X X         X    X XX X X         X        X       X XX   X X   X X          XX            X   X            X X
EPRU   XXX      X XXX      XX X  X X   XX XXX    X     XXXXX X XX  XXX    X       X  X     X  X             XXX X            X X
ERON   XXX XX XXXXXXXXXX X XXXXX X X   XX   XX X  X XX XXXXXX X XX X XXXXXXXX XXX  XXXXXX     X XX        XX XXXXX      X  XXX
EROQ            X X         XX        X    X               X       X X     X    X XX          X
ERUA   X        X           X     X X      X                        X    X X    X X    X       XX              X X           X
ESCF         XX             X  XX     X                 X      X X   X             X  X                                      XX
ESEL            X X         XX        X    X                       X X                XX                        X            X X
-----------------------------------------------------------------------------------------------------------
ETER            X           X         X                    XX           X     X  XX                          X              X
ETOR   X        X           XX  X     X    X               X   X X      X    XX XX  X        XX                X             X X
EVAL   X      XX X       XX X         X           X                X                X          X                 X              X
EVIA   XX       X XX     X XXX X X    XX  XX      X   X       XX   XXX    X XXX  X XXXXX      XX             X XX XX          XXX
EWZ                                                        XX  X        X                                   X X  X X     XX X X  X
EYL      X X    X XX X XXX       X X X    XXXXXX X  XXX  X    XXXXXX X   XX X XXXXX XX         X                X      X
EZN    XXXXXXXXXXXXXXX  XXX XXXXXXX XXXXXXXXXX   X XXX  XX   XXXXXXXXXXXXXX XX    XXXXXX  X X  XXXXX XXXX XXX    XXXX XXX XXXX XXX
FAC        XX X  X X            X X   X   X   X           XXX  X     X          X   XXX           X       X       X        X
FAI             X X         X         X                               X         X                             X            X
FBA    X  XXX XXX XXXX XXXX XXXXXXX X XXXXXXXXXXX XXX XXXXX XXXXX   XXXXXX XXXXXXXX X  XX    X XX  X   XXX X XXXX XX X XXXXXXX
-----------------------------------------------------------------------------------------------------------
FCH    XX X   XX X X X XXX   X X  X XX   XXX  X X  X    X   XXX X XX  X X  XXXXXXXX XXXXX  X X X X    XX  XX X  XXXXXXX X XXXX   X
FDF    XX       X XX   X     XX  X    XX  X             X     XX XXX   X  X                         X                        X
FEL    X    XX  X X  X X    XXX       X XXX  XX         XX  X  X   X XX X X X     XX X            XX          X             XXXX
FG4          X    X    X    X X       X X X                           X                             X      X                 X X
FIA0    X      XXX     X       X X     X      X X          XX         X            X            X                        X
FID    X  X X  X X   X XXX  X XX   X  XXX     X  XX   XX XX
FIG    XXX  X  XXXXXX        XXX  X X X XX  X    X    XXX   X XX   X XXX     X      X          X               XX             X X
FIN    XX X XX  XXX     X X X XX X  XX X  XXX    X   X XX X   XX     X XX  XX X  X XX  X X X   X XX  X  XXX       XX        XXX
FLN    X  X X X X X     X XX X  X   XXX  XXXXX XXX     XXXX XX XXX X XX  XX XX X XXX  XX       XXX X X X XX X X XXX XXX     XXXX
FMW    X    X   X XX XXX    X X  XX      X XX X  X     XXX    X    XX    XX         XX          X  X  X                  XXX XX
-----------------------------------------------------------------------------------------------------------
FNA    XXX  XXX XXXXXX XXX XX X X  XXXXX  XXX   XXX   X XX  X X  X  X       X X  X  XX  XX X  XX XX   X  XXX           XX  X XXX X
FORT   X   XXXXXXXXXXXXXXXXXXX  X X                            XXX X XXX XXX XX   X X
FOUF   XX   X      X X     X  X XXX   X  X XX           X       X       X    X X  X  XX  X       X  X   X   X        XXX      X  XXX
FRB        XXXXXXXXXXXXXX  X X XXXXX  XXX  XXX          X     X X    X      X X XXX XX  XXXX  XXX    X  XX X X XX            XXXX
FRF    XX X XX  X X XX X    X XXXX X XXX XXX     X X    XX   XXX  XXX XX  X      X XXXXXX  X  XXXXX X  X XX X     XX XX X   XXXXX
FRS           X X X    X     XX X     X  XXX     X X    XX  X  X  XXXX        XXXX   XXX          X  XX XXXX   X XX          X XX
FRU           XXXXXXXXXX  XX X   X    X XXXXXX X  X X  XXX  XX XX XX XXX  X X X XX X        X          XX X
FUR          X X X X   X    XX X      X XXXX X X        X    X X    X X    X X      X      X           XX          X         XXX
FVI           X  X X   X     X X      X  XX      X                         X X      X                     X                  X X
FVM    X      XXX XXXXXXX XXX X  XX   XX X XX X X  X X XX XX XX XX XXXX   X XXX X XX        XX X       X  XXXXXX            XXXXX
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DATE   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29 |30
       ------------------------------------------------------------------------------------------------------------------------
FYU                      XX         X    X          X            X          XX X                         X
GAC       X   XXX XXXXXXX XXX X  X   XXX XXX              X   X X     X    X    X   XX         XX       XX  X  XX        X XX
GAZ     X X   X   XX   X    X        XXX XXX  X XX       X   XX X X X  X X    X  X  X             X
GBA    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXX XXXXXXXXXX  XXX  XXX XXX XXXXXX XXXXXXX XXXXXXXXXXXX
GDH    XX XX  X XXXX  XX  XXXXX  X    XXXX    X          XX    X  X     X  X    X   X X                   XX   X         XXXXX
GEC2   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
GHO       X X  X      X XXX  X X    XX XXX     X    XX XX XX X  XX  X  XX   XX XXXX X        X   X  X  XXX  XX  XX        XX
GIB               X           X        X    X                              X        X                    X          X
GIBL   XX       X X X      XX X    X   XX   X          X       X    X X    X        X           XX                          X
GKN    XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXX XXXXXXXXXX XXX   XXX XXXX XXXX   XXXXXXXXXX XXXXXXXX
       ------------------------------------------------------------------------------------------------------------------------
GLA    X  XXX XXX XXX XX   XXXX XXX                                                    XX X  X             X  X       XXX  XXX
GLB    X    X X XX    X XXX  X      X  XXX     X   XX  XX XX X  XX  X  X    XX XXXX X        X      X  XXX   X    X
GLD    X      XXX XXXXXXX X X XXXX     X X XX X X   X   X X   XXX  XXXX    X     XX X           X       X  XX XXX   X   XXXXX
GLH     X X   X   XX  XXX XX      X         X             X   X XX         X        X             X        X              XXXX
GLM    X    X  X        XXX         X   XX     X   XX  X   X     X  X  XX   XX XXXX          X         XXX
GMB          X  X X    X    X X        X   XX                              X                             X      X         X X
GMTN   X      XXX X  XXXX XX          XX X         X X    X  X  X     X    X  XX X        X                    XX      X  X
GMW    X    X XXX XXXX XX XXX X XXX   XX XXXX X XX X      X     X   X X X  XXX  XX  XX  X       X   X   XX X X XX       XXX XX
GNI           X   XX   X    X            X                      X                                                         X X
GOGA                                                                                        X          X   X  XX XX         XXX
       ------------------------------------------------------------------------------------------------------------------------
GOL           XX XXXXXXX XXXXX XXX    XX XXXX X X  XXX X XXX  XXXX XXXX    X  XXXXXXX    X
GPA             X XX    XXX  X                      XX          X XXXX X    X XX  X XX        XX     XX    XX                X
GPD           XX XXXXX XX XX      X      X                X  X             X XX                         X      XX          XX
GQP    X X X   X  X  X X XXXX  XXXXX   XXX    XXX         XX XXXXX  X  XX XX X   XX X        X X    X X  X    X          X XXX
GRBF                 X               X    X   XXXX             X XX             X      X                            X        XXXX
GRF    X  XXXXXXXXXXXXXXX  XX XXXXX XXX XXXXXXXXXX X   XXXXX  X XXX X XX XXX XX XXX XX XX X   XXXXXX X  XX XX XXXX  X XX XXXXX
GRG    XXX   XXX XXXXXX XXXXXX X  XXXXXX XXXXX  XXXXX XXXX XXXX X   X  XXX X X XX XX XX X   XX XX X    XXXX   X XX XX   XXXXX X
GRI              X  X X    X    X X        X  X X     XX                       X X      X                   XX X    X       XXXX
GRM       X   XXX XX             X     X   X  X      X    X     X     X  XX X    X XX     X                    X      X            X
GRN    X        X X                                 X     X   X     X      X        X   X     X         X       XX        X X
       ------------------------------------------------------------------------------------------------------------------------
GRO           XX  XXXXXXX XXX     X      XXXX X XX X     XX XX XX   X X    X XX  XX X          X
GRP                   X      X               X       X     X     X   X                       XX       X         X    X  X
GRR    X  X X X X X    X XXX X       XXX  XXXXX X X     XXXX XX  X XX XX  XX X  X  XX  XX     XXX X X X XX X X XXX XXX   XXXX
GRT    X        X XXXXXXX XX  X  XX    X      X                 X   X         X     X          X                X        X
GRW    X X X  X X     X      XX X      X                X        X   XX       X       X     X X XX       X             X
GSC    XX XXX XXX XXXXXXX  XXXX XX X XX XXXXXXXXXX   X XXXXX X  XX  XXX  X XXX  XX XX  XXXXX XX X     X XX  XXXXX  XXXXXXX XXXX
GSM                               X               X         X    X     X     X        X              X                   X   X
GUA     X XXXXXX XXXXXXXXXXX XXXX     XXXXXXXX XX XX X X XXX XXXXX XXXX X  X XX  X     X  X X  X X XX   X X  XX X X  X X  X X
GUD    X        X X                  X XX XXX             X         X XX   X XX   X XX  X       XX
GULW                             XX              X         X          X     X   X    X              X                   X   X
       ------------------------------------------------------------------------------------------------------------------------
GUMO    X XXXXXXXXXXXXXXXXXXX XXXX    XXXXXXXXXXX XXXX X XXX XXXXX XXXX X  X XXXXX  X  XX XXXX X X XX X XXXX XX X XX X X  X X
GUN    XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXX X XXXXXX   XXX   XXX XXXX XXXX  XXXXX   XXX XXXXXXX
GVMR    X X      XXX XXX   XX     X    X   XX X X  X      X   X XX         X X   X  X  X   X      XX    XXXX              X XX
GZR     X X     X XX X X    X X   X    X X  X   X X                                 XX       X          XXX X
HAU    XX XXXXXXX X XX XX  XX XX X X XXX XXXXXXXX X X   X XX  X  XX XXXX  XX X     XX XXX X  XXXXXX     XX X  XXXX  X    XXXXX
HBF    X        X X           X     XX     X                    X   X X                 X
HBO             X                                X         X          X     X   X   X               X                   X   X
HBZ    X X    XX   X  X  X X      X      X           X X  X
HCY     XX   X  XXXXXX X   XXXX XXXX XXXX XX  X   X   XXX   XX     X    X       XXX XX       X      XXX XX  XXX     XX  X X XXX
HDA    X    X  X        XXX X       X XXX      X   XX  XX XX X   X X  X XX  XX XXXX          X         XXX        X
       ------------------------------------------------------------------------------------------------------------------------
HFS    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXX XXXX XXXXXXXXXXXX               XXXXXXXXXXX         XXXXXXXXXXXXXXXXXXXX
HHAI   X    X X X X XX X  XXX XX X    XX XX X X      X    X     X   X X       X     X           X   X    X X X XX   X X X XX
HIN    X X  X  X X    X XXX  X XX   X   X      X   XX  XX XX X  XX  X  X    XX XXXX X        X   X  X  XXX    XX  XX      XX
HKC        X  X   XX  XX      X        X X    X  X       XX   X X   X   XXXX X       X                            X     X XXX X
HLW           X    X   X    X          X X      X        X      XX         X X      X                  X                     X
HMDT   XX X    X XXXXXXXX XXX     X    X X XXXX X  X      X   XXXXX        X XX  X  X  X          XX    XXXX     X      XXXXX
HMR    X        X      X   XX X  X     X         X                  XXX     X   X       X  X         X      X  X
HNR        XXXX  XXXX  X         X    XX   X      X      XX  X  X  XXXX X  X XX  XXXXXXXXX XX    X X     X X XX XXXXX XX XXXXXX
HOF                  X      X X        X    X X X                  X                            X       X
HOFF   X               X      X        X XX    X          X   X       X    X                                               XX
       ------------------------------------------------------------------------------------------------------------------------
HOM       X    X        XXX  X XX   XX XXX     X    XX     XX X   X  X  XX   XX  XX  X        X   X  X  X X   XX X         X
HON           X X XXX XX    XX X      XX X    X           X   X XX  X      X     X  X                      X XX          XX
HOOJ   X  XX X    X XX      X XX  X    X XXXXXXXX XX X XXX X XX     X X         XX  X    X   X  XX  X   XX XX X X     XX XX X
HRI     X X   XX XXXXXXXX XXX     X    X X XXXX X  X      X   XXXX         X XX  X  X  X       X XX     XXXX             XXXX
HRSH    X X      XXX X X    X              XX X X         X     X          X     X  X             X     X                 X
HRT       X   XXXXXXXXXXX   X  X XXX     XXX XX XX XXX  X   XXXX X X X X   X XXXXX XX   X XXXX      XX XX XX X X   X X  X X X
HRV           X X XXXXXXX XXX X        X X X  X    X      X   X XX  X X    X  XX X  X           X          X  XX         XX X
HSHJ   X             X X    X                  X                X                  X X                X        X            X
HSO             X                                          X          X     X   X   X                                   X   X
HTW                               X               X         X    X     X     X        X              X                   X   X
       ------------------------------------------------------------------------------------------------------------------------
HUR    X    X  X        XXX  X      X  XX      X   XX  XX XX     X  X  X    XX XXXX X        X         XXX   X    X        X
HVAR    XXXXXX   XXXXX X X XX X X   XXXXXXXXXXXXX X   XX XXX  X    XX
HVD             X X              X     X           X X    X  X  X     X      X      X                                      XX
HVU    X  X X XXX XXXXXXX XXXXX XXX   XX XXX  X X  X X X X     XX   XXX    X X XX   X          XX   X   XX X X XX   X XX X XXX
HYA           XX                 X  X     X X           X   X       X
HYB     XXX XXXX XXXXXXX XXX X XXX X XX XXXXXX XX X XXX XXXXXXXXX XX XX    X XXX XX X       XX    X     X   X   X  X     XXXXX
HYF    X        X X    X  X X X        X XXXXX X          XX        X XX   X X      X          X         X      XX        XXX
IFR    XXXX XXXXXXXXX XX X XXXX XX XX  XX XXXX  XX XX XXXXXXXXXX XXXXXX   XX X      XX XX   X X  X  X X    X   XXXX XXXXXXXXXX
IGT    XXX  XXX X XXXX XXX XX X  XXX XXX XXXX   X X  X  X  X  X     X      X       XX  XX X  XX X    X XXX         X    XXXXXX
IHA     X                    XX        X                 X         X  X      X     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 |30
      --------------------------------------------------------------------------------------------------------------------------
IIA              X XX       XX     X  X    X      X          X      X         XX              X X          X       X X
IIDJ     XXXX        X   XXX XX XX    X X    XXXX      XXX   X X   X XXX  X XXXX           X  X   X  X XXXX X  X  XX  X X
III    X     XXX XXXXXX XXX  XX XX XXXX XX X XX    XXXXX      XXXXX X XX  X  X  XXX  XX  X  XX    X XX X  X  XXX       X  X
IISM   X     XXX X XXX   XX  XXX   XXXX XX X  X  X XX  X X     X     XXXX        XXX       X        X X                X  X
IIT             X XXXXXX  X   XX    XXXX    X     X                 X            XX                 X X
IL1   X  X X  X     X XXX  X  X   X    XX     X   X    XX XX X  XX  X          XX          X   X   XXXX   XX   X
ILB   X  X X  X     X XXX    XX   XX  XX     X   X    XX XX X  XX  X          XX          X   X   XXXX   XX  X
ILT   X  XXXXXXX XXXXXXX XXX XXXXX    X XXXXX XXXXXXX  XXX  XX XXXXXXX X  X XXXXX  X  XX    X XX     XXX XX XXXX     X XXXXX
IM3   X  X X  X     X XXX  X XX   X   XX     X   XX  XX XX X   X  X           XX X         X   X   XXXX   X    X
IMA   X  XXXXXXX XXXXXXXXX XXXXXXX X XXXXXXXXXXXXXXX XXXXX XXXXXX XXXXXX XXXXXXXX X  XX    X XX  X   XXX X  XXX XX   X XXXXX
      --------------------------------------------------------------------------------------------------------------------------
IMI                                                                                           XX   X  XXXX X  XXX        XXX
IMO                          XX       XX                                                  X  XX  X    X          X
INE       X    X        XXX  X XX   XX XXX    X   XX    X XX X   X  X          XX X        X   X  X X XX   XX  X       XX
INK       XXXXXXXXXXXXXXX X XXXXXXXXXXXXXXXXX           XXX XXXX    XX X XXXXX XXXXX   XXXX  XXXX    XXXXXXXXXXXXX  X     XXXX
IPM         X  XXXXXXXXXXXXXXXXX   X    XX XX  X XXXXXX  XXX XXXXXXXXXXX   XX XXX XX X      XXX  X    X X  XX XX  X X     X XX
IRK         X  XXXXXXXXXXX XXX X  XX    X XXXX X XX X X   XX  XX XX  X X    X  X  X  X       X         X     XXX        XXX
ISA   X   XX X X XXXXXX  XXXXX  X XX XX X   XX  XX  X X  XX  XXXX  XXX  X XXX  XX  X   X     XXX      X  X XX XXX  X XX XXX X
ISK   X   X   XX XXXXXXXX XX  XXXXX     XX  XX XX XXX  X X  XXXXXX X X  X   X XXX XX  X      XXX     XX X  XX XXX   X     XX XX
ISO    X   XX  X       X      XXX XX  X   XX        X    XXX  X      X XX     X XXX          XX XX   X  X         XXX    X X
ISR   X  X   XX  XXX  X     X X  X    XXXX X          X                          X              X      X  X
      --------------------------------------------------------------------------------------------------------------------------
ISSF        XX                X  XX     X             X       X X   X                 X                                      XX
ITR   X       XXXXX XXXXX XXXXXXXXXXX  X XXXX X    XXXX X  XXXXXXXX XX X     X XXXXX   X X X    X X XX X XXX XX XXXXX      XXX X
IVA     XX   X  XXXXXX X   XXXX XXXX  XXX XX  X   X   XXX   XX       X     X       X X XX       X       XXX XX  XXX       XX  X X XXX
IZI       X XXX XXXXXX X XX XX   XX XXX  XXXX XX XX XXX       XXXXXX XX  XX    XX XX XX  XX     XX       XXX X XXX XXX      X XX XXX
IZM   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  X  XXXXXXXXXXXXXXXXXXXXXXX XX X XXXXXX XX X XXXXXXXXXX XXX   X XX XXX XXX  XXX
JACH  XX X  XX X X X XXXX X X  X XX    XXX  X X  X       XXX X XX  X X  X XXXXXXXX XXX  X X X X    XX  XX X   XXXXXXX    XXXX XXX
JAQ      X X XXXXXXXXXXX XXX X  XX XXXX XXXX         XX    X X     X      X   XXXXX  XXX    XXX    XXXXX   X XX         XX X
JAU                          X    X     X             X        X   X           X   X                                         XX
JAY   X  XX  X    XX XX                        X          X XXX    X X       X       X  X  XX
JBO   X    X   X       X     X X  XX       X  X         XX        X     XX  X               X      X                   XX  XX
      --------------------------------------------------------------------------------------------------------------------------
JCW   X    X   X XX    X     X X  X       X XX X        XX    X     X    XX       X           X   X                  XXX  XX
JEGM          X    X  X   X         X  X          X         X                X      X            X     X          X X
JFWS                              X    X X              XX  X X   X X   X   XX  X   X       X          X     X       XX X
JIRN  XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  XXXXXXXXXX XXX   XXXXXXXXXXXXX   XXXXXX X X XXXXXXXX
JMB                         X   XX      X           X                     XX                   XXX       X
JSC   X         X XXXXXXXXXX  X  XX    XX  XXXX   X X X X  XX XX XX XX X  X   XXX       X            X   X   X            XX
JVI   XX X       XX XXX  XXX     X     X X X XX X              X          X          X   X    X     XXXX      X         XX XX
KAF   XXXXXXXXXXXXXXXXXXXXX XXXXXXXX  XX XXXXXXXXXXXX   XXXX  XXXXX X XXX  XXXXXXXXXXX XX  XXXX X X  XXXXXXXXXXXXXX XXXXXXXXXX
KAGJ  X X XXX XXXX XX    X X X XXX     X  XXXXX   XX   XX    XXX   X XXX   X      X     X          X X        X X  X X XX
KAKJ      XX XX X  XX     X XX  X    X XXXXXXXXXX    XXX   X X X X X    X  X X           X  X X     X  X XX X XX  XX  X X
      --------------------------------------------------------------------------------------------------------------------------
KAT           X             X     X    X XXX  X XX      XX    X    X XX   X XX   X X                    X                 XXX
KBA   XXXXXXXX X XX X X   XXXXXX XX XXXXXXXXXXXXX X   XXX     XXXXXXXXXXX XX X  X X XX XX X XX  X X XX  XX X     XXX X    XXXXXXX
KBN   X X   XX XXXX   X     X X                X X            X X        X X     XXX XX X  X   X       X             XX    X XX X
KCT   X X XXXXXXXXXXXXXXXXXX XX XXXXXXXXXXX XX XXXX XXXXXXXXXXX XXXXXX XXXXXXXXXXXX X    XXXX XXX X X XXX XXXX XXXXXXXXXXX
KDC   X XXXX  XXX XX X XXXX XXXX X  X  XXXXXX XXXX XX  XX XX  X XX  X   X  XXX  XXX X      X   X XX   XX   XX XX    X XXXXX
KDS   X       X X XX        X X       XX  XXX         X       X  X    X  X     X  X   X              X      XXX          X
KDZ   X     X    X          X   XX     X          X        X                XXX X        X       XXX   X      X          X
KEK   XXX     XX X X     X X        X    X      X    X X X X  X    X X    XX              XX  XX X  XX XXX  X            X      X XX X
KER    X  XX XXX XXXXXXXXXXX X X XX XX    XX X XX X XX XXX  XX     X XXXX X XX XX  XX XX  XX     XX  X XX X XXX X   X     XXXX
KEV          X X XX    X       X        X  X                                   X                                         X X
      --------------------------------------------------------------------------------------------------------------------------
KGM        X  XX  XXXXXXXXX X X X X    X X  X X XX X X   XX  XX XX  X X    X  XX XX X                    X   X XX  X       X XX
KGT         XX X XXX  X
KHC   XXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XX XXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXX XXXXX XXXXXXXXXX  XXXXX XX
KHKI  X  XX  XXX    X X    XXXXXX XXX XX   XX X       XXXXX    X  XXX XXXXX  XXXX      XXX   XX             XX XXX X  XXX   XX
KHL           X XXXXXXX XXXX X  X   X   XX XXX X  XX          XX X      XXXXX   XX   X    XX X    XX X XXX XXX     X XXXXXXX
KHZ                               X     XXX X X XX  XXX X  X    XX         X                            XXXX XXX X  X XXX X  XXX
KIC   X XX  XXXX XXXXXX    XX X  X    XXXXXXXX X XXX  X  X XX XX X  XXXX    X XX  X  X  XX     X XXX X  XXXXX XXXXX  XX XX XXXX
KIP          X X  X   X        X        X                X         X       X     X
KIS          XXX XX   X      X X   X    X XXXXXX X      XX   X             X       XX               X   X   X            XXX
KIV   X  XX  XX  XXXXXXX XXX X XXX     X XXXXXX                X  XX XX   X XX  XX X  XX        XX       XX XX  XXX  X XX  XXXX
      --------------------------------------------------------------------------------------------------------------------------
KIW   XXX  X X   XXX XX X XXX  X X      XX      X   XX  X  X     X   X XX                               X XX   X X     XX X  XXX
KKB         X    X          X    XX     X          X        X             X X   X XXX X             XX    X       X      X
KKM        X  XX  XXXXXXXX XX XXXXXX    X XXXX X XX X X  X X   XXXX  X        X     X X         X       X     XX            XXX
KKN      XX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXX  XXXXXXXX X XXX   XXXXXXXX XXXX   XXXXXXXXXX XXXXXXXX
KLB         X XXX XXXXXXXXXXXXX XXX         XXXX XX X X X  XXXXX XX  XXX    X  X  X  X
KLD        X X        X               X X        X        X                            X     X  X           X       X
KLM           X    X  XX   X           X X             X                                                              X X
KLU   X XXXX  XXXXXX XXXXX XXXX X  XXXXXXXXX XXXX XXX XXXXX XXXXX  X XXX X XX XXXXXX  X     X  X  XX XXXX    XXXX X      XXXXX
KMI      XXXXXXXXXXXXXXXXXXXXXXXXX X XXXXXX XX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXX  XX   XXXXXX X  X XXXXX XXX  X X  X XXXXX
KMPM  X       X X X    X   XX X      XX                X           X    X    X   X   X                X XXX    X    X   X
      --------------------------------------------------------------------------------------------------------------------------
KMR           X X    X X   X X         X    X               X          X        X                                         X
KMSA              XX   X X             X XX           X X  X          X      X  X                                      X X
KMY                          X  X   X X X         X       X        X                       X
KNA         XXX X    XXXXXXX XXXX          X    XX    XX X  X XXX   XX X XXX X  X  XX       X X                            X XXX
KNK   X  X X  X       X XXX  X XX   XX XXX    X   XX  XX XX X  XX  X  XX     XX XXXX X       X   X  X XXXX   XX  XX         XX
KNT   XXX  XXX XXXXXXXXXXX X X   XXX XX XXXX   XXXXXXXXXX  XXXX X  X  XXX X X  XX XX  XX X  XX XX X   XXXX   XX XX XX  XXX XXX
KOLN  XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXX  XXXXXXXXXX XXX   XXXXXXXXXXXXX   XX XXXXXXX XX XXXXX
KONO             XXXX  X      X X    X X X                                 X                                              X
KSHT   X     XX XXXXXXXX XXX     X     X XX X X  X     X   X XX         X  X  X    X   X     X       XXX             XXXX
KSL           X   XX XXX         X       X XX  X X                X              X XXX        X    X    XX  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 |30
     --------------------------------------------------------------------------------------------------------
KSR  X XXX XXXXXX XXXXXX X  XX  XX   X XXXXXX XX XXX XXXX XXX XXXXXXX  X X XX X XXXXXX XXXXX XXXXXXXXXXX XXXXXX XX  X XXXXXX
KTH  X  X X  X        XXX  X      X   XX          X          X    X   X   X     XX XXXX          X          XXX   X     X          X
KUG                   XXX                                                    X X     XXXX          XXX                                X
KUMJ X  XXXX XXXXXXX      XX X XXX    X X   XXXXX  XX  XXX    XXX    X XXX     X        X      X            X X X  X  X   XX X XX
KUSJ X  XXXX X  XXXXX     XX XXXXX XX XXX XXXXXX XX X XXXXXXXX X X X X X      XXX    X       X     XX  X    XXXX  X X     XXXX X X
KUZ  X X  X XX            X                X X    X XX X               X  XX                                  X  XXX        XX X X  XXX
KVG      X     XX XXX    X X       XXXX  X XX    X X   XXXX  X    XXXX    XXX      XX  XX X  X         X X XX     X      X X
KVN          XX XXXXXX   XXXXX XX X XX    X XXXXX      XX      XXX XXXX       X X    X    X  X     X X     XXX  XX XX    X  XXX XX
KVT   X     X    XX    X    X                          XX X                                       X    X                 X  X          X X
KZN  XXX    XX X XX  X                 X   X X   X X X X  X    X XX  XX            XX  XX X  XX X X  X                X      X XX X
     --------------------------------------------------------------------------------------------------------
LACI  XX   X  XXXX    X    X X       X     X     X     XX X    X   X X          X  X XXXX       X         X XX  XXX       XX   X  X
LANF X     X    X X  X X   X X        X XXXX   XX          XX  X   X  X X  X     X         X  X              XX                       X
LAT    XXXXX XXXXXXXXXX X X XXXXXXXXXXX  XXXXX XX    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX X XXXX XXXXXXX XXX   XXX X XXXXXXX XXX
LBF  XX XXXXX X X XX XXXXXX XX XXX XXX  XXXXX XXX X  XXXXX XX XXX XXXX  XX XXXXXX X XXX X  XXXXXXX  X XX X  XXX  XX   XXXXX
LBFM X  X     XX XX XXXX X X XX XX X XX XXX  X   X X X    X X     X     XXX    X XXX XX  X    XX      X  X   X  XX  XX XX  X   XXX  X
LBL   X        X X  X     X X X     X   X  XXXXX            X     X      X XX    X X        X     X        X                 XX         X
LBNH X       X X XXXXXXX XXX X       XX X XXXX     X X      X    X X  XX X      X  XXXXX X     X        X           X   X  XXX        X X
LBTB X  X    XX  XXXXXXX                 XXX X X                      X
LCCH XX X  XX X X X XXXX X X   X XX    XXX   X X            XXX X X    X X  XXXXXXXXXXXXXX  X X X X     XX    XX X  XXXXXXX X XXXX XXX
LCCM                                X            X                   X     XX X   X                              X                    X
     --------------------------------------------------------------------------------------------------------
LCI        X    X           X       X            X                                X          X                    X  X      X          XX X
LDF  X  X X X X X        XXX X  X    XXX  XXXXX XXX  X   XXXX XX X    X XX   XX XX X XXX  XX       XX XXX X XX X XXXXX XXX     XXXX
LDN  X        XXXXXXXXXX       X  X      X X  X    X   X             XX  X         X      X                          X  X                  X
LEM    X XXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XX XXXXXX XXXXX    XXXXXXX XXXXXXXXXXXX X  XX XX X   XXX   X XX XX XXX    X X  XXX X
LESF                X                    X   X XX                    X      X XX      X    X                                         X
LFA     XXX X  XXX  XX X          X X X X   XX          X           XXXX          X       X   X X XXX    X  X      X X    X X   X  XX        X
LFF  X  X X X X X X XX X  X X X        XXX  XXXXXXX X   X    XX XXXX XXX XX    X X XX X X  XX      XXXX  X XX XX X   XXX  X        XXXX
LFK        X X   XX XXX  X X        X X        X       X         XX  X  XX            X      X  XX     X
LHE         X                       X     X              X          X    X                   X    X                                         XX
LHS  X         X XXXXXX X X         X     X  X X     X    X    XX X  X  XXXX         X                      XX       XX    X                X
     --------------------------------------------------------------------------------------------------------
LIBD           X X  X X    X X         X     X                         X                        X                   X                 XXX
LIC  X  X  XX X XX XXX   XX XX X    XXX X XX XXXXX     X XX XX X XXXXXX    X XXX X  X  X X    XX XXX       XXXX XXXXX   X    XXXX
LIJA X X       X  XX         X  X   X     XX                                                    X               XX          X X
LIT  XXX  XXX XXXXXX XXXXXX X    XXXXXX XXXX     XXXXX XXX                       X X X   XX XX   XX X  XX XX X X XXXX    XX X   XX    XXXXXX
LJU  X    XXXXXX XX X       XX X    XXX  X XX  XXX  X X     X    X XX  XX        X X    XX XX X  X      X        XX X   X XX   X  XXXXXX X
LKO  X   X    XX                                             X   X               X                          XX  XXX X    XXX            XXXXX
LLS                                    XXXXX X    X          X   X   X X   XXX X    X X  XX X              XX          X    X       X X
LMEM X    X    X    X        X X  X    X                      X                 X    X   X    X  X     X             X  X          X   X
LMN     X   XXX XXXXXXXXXXX X          XX X XX               XX  X X      X       X  X  XX XX      X     XXX    X XXX  X  XX          X XX
LMR  X  X  X  X X      X    X XXXX     XX  XXXX        X     XX  XXX  XXX XX   XX        XXXXXX  X  XXXXX X  X XX          XX XX X   XXXXX
     --------------------------------------------------------------------------------------------------------
LNOR X     X      XX XXX     X      XX             XX X              X             X          X              X                                X  XX
LNV  XX X  XX X X X XXXX X X  X XX    XXX   X X  X    X    XXX X XX  X X  XXXXXXXXXXXXXXX  X X X X      XX    XX X  XXXXXXX X XXXX XXX
LOE     X   XXXXXXXXXXXXXX  X       XXXXX XXXXX XXXXXX XX XX XXXXXXX     X XXX X  XX         X          XX XX X       XXXX
LOMF X     XX  X X  X X     XXX        X  X X    X         XX  X   X  X XX X X X        X  X                 XX         X         XXXX
LON  X     X X X XX  XX  XXXXX  XX    XX XXXX X  X   X       X       X      XXX      XX X X    XX           X    X    XX XXX XX    X  XXXXXX
LOR  XX XXXXX X X XX X XXXX XX XXX XXX XXXXXXXXXXX XX XXXXX XXXXXX XXXX  XX XXXXXXXX XXX X  XXXXXXX  X XX X   XXX  XX    XXXXX
LPAZ XXXXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX       XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
LPB  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXX
LPF  X  X X    X X     X XXXX XX     XXX   XXXXX XXX  X   XXXX XX XXXXX XX   XX XX X XXX  XX      XXXX XXX X XX X XXXXX XXX    XXXXX
LPG  X  XXXXX X XXX   XXX XX XX XXX XXX XXXXXXXXXXX X X XXXX XXXXXX XXXXX    X X XXXXXXXXXX X   XXXXXXX   XXXX XX   XXX XX     XXXXX
     --------------------------------------------------------------------------------------------------------
LPL  X  XXXXX X XXX   XXX XX XX XXX XXX XXXXXXXXXXX X X XXXX XXXXXX XXXXX    X X XXXXXXXXXX X   XXXXXXX     XX  X  XXX XX      XXXX
LPO  XX X X X X X  X X  X X X  XX   XXX   XXXX  X X    X    X   XXXX XXX XX    X X  XXXXX  XX       XXXX     XX XX X  XXXX         XXXX
LPR  X     X    X      X          XX        XX      XX         XX X          X X               X    X    X  XX  X     X  X  X X
LRG  XX X XX  X X      X    X XXXX     XX  XXXX        X     XX  XXX  X X XX  XX        X XX     X  XXXXX X     XX          XX XX X   XXXXX
LRM  X  X X                      X          XXXXXXXX    X XX XX   XXXX XXXXXXX XXXX XXXXX    XX      XX   XX   XXX  XX XX  XX XXXXXXXX
LSA            X XX    X      X            X                      X   X X                 X                                             X X
LSCT X       XXX XXXXXXX XXX X         X X X  X     X     X X       X  XX X     X   X   X   X             X          X   X  XXX          X  X
LSCZ XX                             X                             X                                                XX      X X       X X X
LSD   X X XX  X X       X  X X X  XX XX XXX    X    X            X X    X  X   XXX X          X X X    X XX    X  XX         X          XXX
LSF  XX X X X X X X XX X  XXX X    X XXX  XXXXXXX X     XXXXX XXXX   XX XX   XX XXXXXXXX  XX        XXX  X X XX X     XXX            XXXX
     --------------------------------------------------------------------------------------------------------
LSK  XXX     X XXX     X     X X          X     XX   X X        X      X      X            X          XXX XX X  X  X
LSPF                X                     X     XX                     X      X         X       X                                         X
LST  X              XXX           X         X X X  X                   X   X                    X               X                  X
LTI     X            X XXX     X                     X    XX   XX XX
LTX  X  X X       XXXXXX  X     X XX     X  XX  XXXXX      XXXX  X       XXXX      X   X X XXX    XX           X XXX   XX  XX        XXXXXXX
LTZ  XXX XX    X X      X X XXX  X X     X X X    X    XX  X X       XX    X XX  X                             X X  X X    XXXXX X  X X
LVV          X   XX   X    X X          X                     X            X                                                     X X
LVVM         XXX XXX X       XX      XXXX     X        X          X            X X        XXX       X        X    X  X   XX       X
LVZ  X  XX  XXX XX       X X X  XX    XX XXXX X XX         XX    X XX  X   X    X  X XX  X  X        X          XXX X    X         XXXXX
LZH  XX XX XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXX  X   XX XX XXXX XX XXXXX XXXXXXX XXXXXXXXXXXX
     --------------------------------------------------------------------------------------------------------
MADF       XX                  X  XX    X              X        X X    X                X                                                XX
MAF  XX XXX X X X XX X  XXX XX   XX XXX   XXXXXXXXX     XXXX XXX X XX XX   XX X XX XXXX XX        XXXXXXX    XX X    XXX  X     XXXXX
MAIO   XXXX XXXXXXXXXXXXXXXXXX XXXX    XXXXXXXXX XX XXX XXXXXXXXXXX XXXXXX  X XXX XX XX X    XXX XXXXXXXX XXXXXXXXXX X XXXXXXXXXX
MAJO         X   XX  X     X X        X XX X                  X X   X X     X       X X                                   X                  X X
MAK         XX  XXXXXX                X XX      X         XX      X     X       X XX      X          X        X                        X X
MAMI  X X        XX XXX  XX       X          XX X X  X        X    X  X          X X        X  X                 X X                      X XX
MAP     XXX XX   XXXXXXXXXXXXXX XX X XXX     X XXX   XXX XX  XXXX                            X  X X X X  XX XX               XX X
MARC     X        X X    X X                        X            X     XX  X                  X                         X          X X
MAT  XXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXX
MAW      X    X     XX XXXXXXX XX XX    X X X X  XX X X XXXX X       X     X XX    XX X  XX   X X   X    X     X   X XXX X  XX  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 |30
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MBC      XX  X XXXXXXXX  XXXXXXXXXXXXXXXXXX            XXXXXXXX     XXXX  XXX  XXX XX XXXX  XXXX     XXXXX XXXXXXX       XXXX
MBH   X  X   XX XXXXXXXX XXX      X    X X XXXX X  X      X    XXXX          X XX  X  X       X    X XX  X X  X      X       XXXXX
MBL   X   XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXX       XXXXXXXXXXXXXXXXX XXXX X XXX XXX  X XXXXXXXXXX  XXX XX XX
MBO             XX   X     X        X                        X   X                 X                   X                  X
MCK   X    X  X        XXX  X     X   XX     X    XX  X  XX      X  X  X    XX XXXX X         X        XXX       X          X
MCMT       X                    X          X                 X      XX X   X                                   X            X
MCNL          X        XXX  X XX   X   XX         XX      XX X   X  X        X  XXX X         X   X    X XX   XX            X
MCQ          X   XX  XX    X X        X   X                  X   X                                                           X
MCW   X    X XXX XX  XX  X X X  XX   XX XXXX X            XX     X   XXX    XX   X   XX            X   X    XX      X      XX XX
MCWV  X      XXX XXXX X                                                                                     X  XX XXX      XX X
-----------------------------------------------------------------------------------------------------------------------------
MDG     X          XXX   X  X XXX  XXX    X     X X     X      X XXXXX  X        X   XX   XXX XX  X XX    X XXXXX         X
MDI         X  X X    X    X X        X    X                                 X         X                                 X X
MDJ          X X XX   X    X X          X                                                                                X X
MDM   X    X  X       XX  X       X   XX     X    XX  X  XX      X  X  X    XX XX X                     XXX       X
MDZ          X   XX         XX        X                            X  X                                        X       XXXX XXX
MEEK  X   XX XXXXXXXXXXXXXXXXXXXXXXXXXX XXXX XXXXXXXXX XXXXX XXXXXX
MEM                X        X X       XX XXXX XX X   X   X   X X XXX X    X     X X XX X      X       X    X X                XX
MEMM                                  X      X XX  X  X  X X  XX  XXX    XX     XX      X   X  X X                     X X X X
MEO   XX X X X X XXXXXXX X   X XXXXX XX  X X X   X  X XX  X X  X  XXXX    X     X   X  XX                      XXXXXX  X     X    X
MESC    X  X  X X     X          X   X    X      X          XX   X     X       X X XX              X X             X  X       X
-----------------------------------------------------------------------------------------------------------------------------
MEU             X          X        X    X       X                          X          X                                 X  X
MFF   X  X X X X X    X  XXX XX XX  XXX   XXXXXXXXX  X X XXX XXXXXXXX XX    XX X XXXXXX   XX      X XX    X X XX X XXXXX XX     XXXX
MFT   XXX X XXXXXXXXXX   X X X XX   X    XXXX    X XXX  XXX X X XXX XXX XX XX     XXX    X      XXXX    XX    X  XXXX  X X
MFTN  X       X XXX XXX X   X  XX    XX                          X     X
MGG   X X    XXX   X     X XX  X     XX          X         X       X X   XX  X XX      XX          X     XXX                   X X
MGP   X    X  X     X  X    XX       X       X          X X        X X              X    X     X  XX  X    X  X  X X
MGR         X    X    X    X X        X  XXX  X  XX                          X X       X                    XX     X    X     XXXX
MHC   X    X  X XX   X    XXX  X    XX         X          X    XX    XXX     X    X              X        X     XXX XX         XXXXXX
MIAR  X  X X XXXXXXXXXXXXXXX X  XX    XX XXXX X XX XXX X  XXXXXXXX XXXX      XX XXXXXXX    XX    XX X   XX   XX XX XXX        XXXXXX
MID             X      XXX   X     X   X      X   X       X  X  XX  X       XX   XX X          X      X    X                 X X
-----------------------------------------------------------------------------------------------------------------------------
MIN        X   X XX        XXX         X                X          X      X    XX  X      X   X  X     X  XX   X         XXXX X
MJMA            XX   X X              X XX X    X      X    X  X           X       X   X    X                 XX            X X
MKS          X  XXX XXXXXXX XX X      X     XX        XX     XXXXX  X    X X  X  X  X  X   XXX    X  X    XX  X          XXXX
MKT             XXX X     XX     X          XX   X          X     XX           X       X                 X    X               XX XX
MLR   XXXX  XXXXXXXXXXX    X X  XX  XXXXXXXXXX XXXX XX                                 XX XX X  XXXX XX X XXXXX  X
MLY   X    X  X       XXX  X      X   XX     X    XX  XX XX      X  X  X    XX XXX            X          XXX         X
MMB   X     X    X          X   XX    X             X                         X X   X XXX X         X       XXX   X     X         XX
MMK   X  X XX  X X  X       X X     XX  X  XXXXX X   X          X  XX X X   XX X    X X  XX             X
MML    X X   XX XXXXXXXX XXX      X     X X XXXX X  X       X   XXXX          X X   X  X  X         X      XXXX     X        XXXXX
MMPM  X    X     X  X  XX      X  X  X      X   X X         X     X   XX    X     X                   X      X   X      XXXX X
-----------------------------------------------------------------------------------------------------------------------------
MMR   XX X   XX XXXXXXXX XXX      X     X    XXXX X  X      X   X XX          X X   X  X  X   X      X       XX X               XX XX
MNG   XXX  X XX  XXX  X X XXX  X X      XXXX X        XX  X  X     XX   XX XX                               X XXX X X   X XX X XXXX
MNI                                                 X             XXXXXXX                X XXX  X                                XX
MNK        X  X X XX X XX X X X   X     X XXXX X         XX    X XX         X X   X  X  X                   XX X               XX
MNO                                   X    X                                X          X                         X            XX X
MNS         X  X X    X    X X        X  XXX     X                          X X        X                  XX      X    X      XXX
MOCB  X      XXXXXX  XXXXXXXXXXX XXXX XX       XXXX XXX XX X    X XXXXXXXX XXXXXXXX  XXXXXXX XXXXXX XXX   XXXX XXX X  XXXXXXXXX
MOE   XX   X   XXX          XXX  X X X XX XXX         XX        XXX  X XXX  X  X      XX  X         X  XX            XX  XX  XXX XXX
MOF   X    XX  X X  X X     XXX       X XXXX  X  X       XX  X  X  X XX X X X      X  X               XX          X           XXXX
MOMI  XX       X XXX        X    X X   X                         X     XXX X  X  X      X          X         X          X       X
-----------------------------------------------------------------------------------------------------------------------------
MOS        X  XXXXXXXXXXX XXX X  XX   X XX    XX  X    XX  XX XX  X XX   X  X  X  X  X                    XX
MOTA  X  XXXXX X X     X    X XX X      XXXXXXXX X X X    X      X X XX  XX X       X   X   X             XX  X     XX X   X XXXXX
MOW   XX   X          XX X  XX  X X    XX         XX  X  X       XX XX                                       X  X       X  X XXXX
MOX   X  XXXXX XXXXXXXX   XX XX  X X  X XXXXXXXXXX XX  XXX    XXXXXXX XXXX XXX   XXXXX XX X     X XXX XXXX XX XXXX   X   XXXXX
MOZ   XXX  X  X    XX  X X XX    X    X          XXX    X X  X   X
MPA                                                                X  XX    XX  XXX X          X   X   X  XXX   XX  XX          XX
MQZ   XXX          X     X XX    X        X       XX     X     X  X XX        X                            X X  XXX        X X X  XXX
MRCM              X    X             X XX        X         X     X   XXX   X     X                             X          XX   X
MRRJ  X  XXXX     XX XX     X XX XX    XXXXX XX XX X    XX   X   X  X                      X           XX XX X X      X    X
MRSJ  X           X  X X    X          X       X               X                      X X          X          X            XX
-----------------------------------------------------------------------------------------------------------------------------
MRW   XXX  X X   XXX XX X XXX  X X     XX         XX  X  X     X  XX XX                X                    X XXX XXX       XX X XXXX
MRWA       XX XX  XXXXXXXXXXXXXXXXXX      XX X XXXXXX XX XXXXX XXXXXXXXXX X XXXXX  X  X
MRX          X X XXXXXX       XXX    XXXX XX X XX X  XX          X     X X     X   XX  XX           X     X  XXX  X     X  X
MSU   X  XXX XXX XXXXXXX XXXXX XXX   XX X XX XXXXXX X XXXXX X XX   XXX    XXXXX XXXXX     XX X XXXX  X     XX XXXXXX    XX XXX XXX
MSZ     X       X XX  XX   XX X   X       X                 X    X   X                                   X   X          X X X  X
MTA          XX  X X XX XX XXX     X     X XXX  X XX     X X    X  X  X   X X      X                     XX                   X X
MTE   X X  X    XXX         XXXX X XXX XX XXX        XX     XX   XXX     X  X   X X      X       X             X X   XX      X XX
MTHF            X                   X   X XX              XX   X                X X                           XX              X
MTMJ      XXXX XXXX XXX     XX XXXXX   XX XXXXXXXXXX X   XXX  XX XXX X XXX  X XXXX            X  X   X    XX XXXX X  X   XX  X X
MTMW            X                                X        X          X     X   X    X                  X                    X   X
-----------------------------------------------------------------------------------------------------------------------------
MTN      X XXXX    XXXXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXXXX XX XXXXXXX
MTU        X    X      X XXX  X     X  X       X   X   X  XX
MTUM  X  XX    X XX   X       X  X  X      X X   X     X    XX   XX    X      X                      X     X  XX     X    X
MTUR     X       X  X X    X           X                                        XXX     X
MTW   XXX  X X    XX  X X  XX  X X     XX         XX  X  X                                             X      X X          X X XXXX
MUD   X      X X XX   X   XX X        X XXXX             X        X     X X      X                     X
MUN        X XXXXXXXXXXXXXXX X X X       X XX XXXX X XX XXXXX XX XXXX              X  X
MVIF     X      X XX      X XX X          X           X        X       X              XX        X       XX X X X   XXXX
MVM   XX        X      X  X   XX X     XXX  X                                                      X                      X X
MVO   X X  X    XXXXX      XXXX X XXX XX XXXX   X      XXXX  X XXX  XXXXX  X  X   X X      X        X   X          X      X    XX 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 |30

MWC       X          X   X          X                          X   X                      X  X        X           X
MYNC         X X XXXX X  X X X      X X    X          X   X X   X      X     X  X                         X  XX        XX
MZDA  X      X  XX XXX   X          X    X  X         X     XX         X        X          X     X  X X     X      X XX
NAI             XXX  XX XXX XXX     X X X  X       X   XX  X X   X     X XX  X  X      XX               X   X X      X X
NANU  XX  XX XXXXXX  XXXXXXXXXXXXXX XXXXXXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXX X XXXXX XXXXX XXXX XXXXX
NAQJ  X         X  X X              X       X               X                   X                     X                X
NAV   X      XXXXXXXXXXXXXXX X  XX    X XXX  X    X X XX XX X  XX  X X       XX                  X
NB2   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXX XXXXX XXX XXXX XXXX X XXXXXXXXX XX XXXXX X XXXXXXXXXXXXXXXXXXXXXXX XXXXX
NCG   X  X X  X      X XXX  X XX   X  XXX
NDI   XXXX  XXXXXXXXXXXX XXX XXX XX  XXXXXXXXX XX  XXXX XXXXXX X  XX X XX X XXX XX X  X    XXXX XXX  X XXXXXX  XX X X  X  XXXX

NEA   X    X  X        XXX  X      X  XXXX  . X    XX  X  XX     X  X  X    XX XXXX X        X         XXX   X
NEW   X  XXX XXX XXXXXXX XXX X XXX   XX XXXX X XXXXXX   XXXX   XXX   XXXX X XXXXX XX  X   X     XXX  X X XXX X XXXX      XXXXXXX
NGZ   X X    X   X           X X      X        X      X     XX  XX  X                            X  X X    X      X
NIIJ    XXXX XX X XXX    X XXXXX   XX XXXXXXXXXX X    XXX  XX X X X X       X             X  X      XX X XX X  X  XX  X X
NKA   X  X X  X        XXX  X XX   XX  XX    X    XX  XX XX X   X  X  X  XX    XX XXX  X         X   X      XXX   XX  XX      X
NKY    XX   X  XXXXXX X   XXXX XXXX XXXX XX  X   X   XXX   XX     X    X       XXX XX          X        XXX XX  XXX      XX  X X XXX
NNA     XX  XX   XX  XX   X X X   X       X      X    XXX  X  X  XXXX X  X        X X XXXX  X XXX X   X X   X XXXXX X   XXX X X
NNL      X X  X     X XXX  X XX   XX XXX    X    XX  X  XX X   X  X  XX    XX   XXX X        X   X  X XXXX   XX  XX      X
NNT          X XXXXXXXXXXXX X     X XX XXX  X    X X XXXX     XX         X XX  X XX                  X      X   XX
NOUC     X X     XXXXXX    XX X  X XXXXXX   XX XXXX X X XXX XXXX X XXX XXXXXX    XXXXX XX  XXX XX XXX X XXXXXXXXXXXXXXX  X XXX

NPS      X   X   XX XXX X        X       X XX  X X           X XX X  X        X X X        X XX   X  X XX                X  X X
NRAO   XX      XXX         X X       XX      X X           XX          X                X          X
NST   X  XX  XXXXXXXXXXXXXXX X     X XX XXXX X XXXX XXXXXXX XXXXXX X  XX   X  XX X  X         XXX  X     X  XX XX         X
NTYM  X         X XX  XX    XX X  X  X XX    X  X X          XX  XXX        X    X    X   X     X    X      X   X      X X
NUR   XXXX XXXXXXXXXXXX XX XXXXXXXX  XX XXXXXXXXX  X    XXX    X XXX X XXX  X X XXXXXX  XX  XXX  X X   XXXXXXX XXX      XXX XXXX
NWAO      XX XXX XXXXXXXXXXX X XX     X    XXX XX X        X XX  XX      X  XX X                                          X X
NWL     XX      XXX         X  X      X   X       XX   X   X  X  X X  X   X  X XX    XXX        XX       XXX      X          XX
OBN   XX XXX XXXXXXXXXXXXXXXXX XXX   XX XXXXXXXXXXXXX XXXX XXX XXXXXXXX    XXXXXXXX X  XX    X XXX X XXXXXX XXXXXXX  X      XXXX
OCO        X X X XXXXX        X  XX  XXX  X   X                X      X     X     X  XX                 X X     X  XX        X XX
ODAN  XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX X  XXXXXXXX X XXX    XXX XXXXXXXXX    XXXXXXXX   X  XXXXX

ODD1                          X  X   X X X          X       X                              X
ODZ   XX        X          X XX X   X      X         XX     X      X   X  X                                XXX  X X      X X X
OFUJ  X  XXXX X XXXXXX     XXXXX XXX  XX XXXXXX XX XX   XXX    X XX  XXXXX  X  X             X XX       XX XXXX X  X  XX XX X
OGA       X X  X X XX XX   X XX   X      X  XX      X          X        XXX       X     X      X   X         XX        X  X      XXX X
OHR                                                          XXXXX  XX   X X XXXXXXX XX X XXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXX
OKC   X  XXXXXXXXXXXXX     XX XXXXXX XXXXXXXXXX XXX XX    X XXXXXXXXX XX  XX X    X     X X  X  X XX XX XX X    XXX XX X XXXXX
OKTD      X   XX XX   X  X  X                               X      XX XX          XX X      XX  X  XX  X X
ONR   X                X     X X        X  X X         X     X     X     X        X            X                        X
OPT                                          X   XX      XX X   X  X        XX  XXX X         X   X  X XXXX   XX  XX      X
ORI         X  X X     X     X X        X    X  X   X                     X        X              XX X             XXX

ORO              X X     X    X X       X  XXX                            X        X                        X          X X
ORV   X   XX X X XX  XX    XXXXX XX X X XX X XXXXXXX       XXX    XXX XXXX    XXXX   XX  X    X  X  XX  X  XX XX XXX XX  X  XXXXXXXX
OSS   X  X XX  X X      X  X XX   X   X  X  XXXXX XX  X      X   XX XX X XX  XX X    X X     X           XX                X X
OUR   XXX  XXXXXXXX X XXXX X X XXXX   XX   XXXX   XXXXXXXXXX   XXXX X  X     X X    X XX  XX X  XX XX X X X X XX  XX XX XX  XXX XXX
OUZ   X    X   X  X                        X                    XX X                                 X   X            X X   X
OXX   XX     XXX XXXXXX       XX     XXXXXXXX X  X        X     XX    XX XX X     XXX       X     X X X  X  XX XXX        X
PAB   XXX      X X XXXX X    XX XXXX X   XXXXXXXXXX XX X  XX X  X XX X X XX   X XX XXX XX XXX      XX   X    X X XXXXX       XXXXX
PAE          X X           X  X       X X                         X X                X                                       XX
PAF          X    XXXXXX   X   X                                                                                  X X
PAG   X X      XXX   X        XX   X  X XXXXX   X X  X       X          X X    X  X XX    X          X     X X      X           X

PAIG  XXX  XXXXXXXX X XXXXXX X    XXX XX XXXXX   XXXXXXXXXX   XXXX X  X     X   X    X XX  X  X  X  XX X    XXXX     X     XX    XX X
PAND             X            X       X   XXX              X    X X       X        X X                        X
PAX   X    X  X        XX  X      X   XX      X    XX  XX XX X   X  X X  X    XX XXXX X          X          XXX     X    X
PCH   XX X   XX X X X XXXX X X   X XX   XXX     X   X   X       X XX  X X  XXXXXXXXXXXXXX  X X X X    XX  XX X   XXXXXXX X XXXX XXX
PCI   X        XXXX        X  X       X                 X    XXXX             XXXX X  X  X   X   X   XX  X     XXX               X
PCP   XX XXXXXXXXXX     X  X X XX X  XX XXXXXXXXXX  XX  X XXX XXXX X X X X XX X   XXX  XXX X  XXXXX  XXX XXX       XX          XXXX
PDB      X    X        XXX  X XX   XX XXX     X    XX  XX XX X  X  X  X   X  XX  XXX X          X   X  X XX X   XX  X          X
PEC   X   XX X X XXX XX   XXXX  XXXX XX    XXX  XX  X  XXX      XX XXXX  X XXX  XX  X  X  X  X  XX          X XX XXXXXX  X XX XX  XXX
PEL   XX X  XX XXXXX XXXX X XXXXXXX    XXX  X X XX    X   XXXXXXXX  X XX X XXXXXXXXXXXX XX X XXX X  XX  XX X   XXXXXXX X XXXX XXX
PERF  X         X X                   X   XXXX             X  X   X X                                 X                X           XXX

PET      XX  XX  XXXXXX  XXX X   X    X XXXXXXXXX      XXX   X X X X      X   X  X  X                 XX         X        X XX XX
PGD         X  X X    X    X X        X  XXX                              X        X                  XX X    X    X      XXX
PGF   X  X XX  X X X X  X   X XX      X  XXX       X    XX  XXXX   XX       X X    X X   X     XXXX   X XX         XX XX       XXXX
PGP    XX X  XX XXXXXXXXXXXX X XXXX   XX X    XXX    XX X XXXXXXXXX  XX  XX X XXX XX X    XX  XX XX X  X XXXXXXX       XX X
PGZ                                                       XX  XX XX                                  X X          X X X  XXX
PHAM           X XX  XX   XX X  X  X XX   X  X  X        X   XXX  XXX       X  XX                 X      XX XX      X X X
PHP            XXXX                 X     XX   X X   XX X   X  X X   X  X X  X  XXX  X   X   X  X XX  XXX    XXX  X XX X
PII         X  X X          X       X    X    X                         X         X                     X      X         XXX
PIP    XXXXXX     X XXX  X XXX X X XXXXXX X X X  X  XX  XX XXXXXXX X XXXXXX X X XXXX XX    XX  X XXXX XXXX X XX          X XXX
PJG    X XXXXXX XXXXXXXXXXXX XXXX X  XXXXXXXXXXX XX X X XXX XX XX XXXX X  X XXXXXX     XX XXXX X XXXX X XXXX XX X X XX X X  X X

PKEM  X   X     X XX   X   XX X  X  X  X          X X       X   XXX  XXX          XX  X   X        X       X        X    X
PKI   XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  XXXXXXXXXX XXX    XXXXXXXXXXXXXX    XXXXXXXXXX XXXXXXXX
PKM       X          X    X X                                XX               XX                      X         X  X
PLAT  XXX  X   X XXX      XX X  X X   XX                    X     XXX     X  X     X  X         X                          X
PLD              X            X   XX    X                X                          XX       X      XXX   X     X      X
PLDF   X         X X  X X  X X X      X  XXXXX          X    X     X XX   X X    X  X   X     X              XX         X
PLE    XX   X  XXXXXX X     XXX X XX XXXX XX  X   X   XXX   XX      X    X          X X XX         X     XXX XX XXXX     XX  X X XXX
PLM   X  XXX X X XXX X     XXXX  X XX XX    XXX XXX  X XX        X   XXX  X XXX   XX  X  XX X  XXX       X  X XXXX X  X XXXXX  X X
PLP     XXX XXXXXXXXXXXXXXXXXXXXXXX X XXX XXXX XXXXXX X  X XXXXXXX X X X XXXX XXXX XXXX X X X XXXXXXXXX XXXXX XX   XXX  XXXXXX
PLRM  X  X X  X       X  XX  X      X   XX    X   XX  XX XX X   X  X  X    XX XXXX X         X          XXX         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 |30
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PMG     XX XX XXXXXXXXXXX XXXXXXXXXXXXXXXX XX      X XX XXXXXXXXXXX  XXXX XXXXXX XXXXX XXX XXXXXX  XXXX    XX X XX XXXXXX    X XXX
PMO   X       X X           XX X         X X            X            X X  XX        X  X                                    XX
PMR   X  XXX XXX XXXXXXXXX XXX XX  XXXXXXXXXXXXXXXXXX XXXXX XX XX  X XXX  XXX XXXX X  X      X X       XXX X XXXX X    X XXXXX
PMS   X  X X  X     XX XXX XXXXX   X XXXX     X X XX  XX XX X   X  X  XX  XXX XXXX X  X      X  XX    XXXX X XXXXXX    XX XX
PNJ         X X  XXXXXXXXX  X   X    X
PNMC                 X    X                X   X   X     X         X                         X       X                    X
POB                  X    X                X       X         X                              X        X            X X
POF      X   X   X    X      XX  X    X    X     X X    X     X  XX X                X           X                              X
POO      XXX XXXXXXXXXXXXXX X X X XXXXXXXXX XXXX X X X XXXXXX X   X X    XXXXXXX  X          XX         X   X    XX  X XXX XXXX
PPCY              X   XX  X X          X X  X                   X   X                           X   X    X    X   X    X          X
--------------------------------------------------------------------------------------------------------------------------------
PPD                                                     X     X  XX X    X           X                       X               X X
PPM   XX      XXX XXXXXX  XX  XXXXX XXXX XX XXXX XX XXXXX XXX   XXXXX X XX X   X  XXX  XX  X  XX    X XX X  XX XXX       XX X X
PPN           X X X       XX X      XXX                          X X                                                          XX
PPR      XXX  XX  XXXXXXXXXXX XXXX    XXXX     X XXXX    X  XXXXX  X        XX XX  XX       XX      X       XX X        X X X
PPT   X       X X X       XX X      X X                          X X               X                                          XX
PRK     X   X     XX  XX         XX       X  X  X  X X        XX  X                XX       X  X    X    X    XX        X   X X
PRM   X     XX X XX XX    X X X   X     X   XX    X   X  X X    XX  XXX     X X X       X      X  X  XX   X           X
PRNI  XX X    XX XXX XXXX XXX     X     X X XXXX X  X       X   XXXX        X XX     X  X  X     X XX  X XX X               XXXXX
PRU   XXXXXXXXXXXXXXXXXX  XXXXXXXX XXXXXXXXXXXXXXX XX  XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXX  XX X XXXXX XXXXX XXXXX X XX  XX
PRY      XX  X XXXX          XX      X   X   X    XXX X X  XX      X X   X      XX      XX X     XXX  X XXXX      X         XX  XX
--------------------------------------------------------------------------------------------------------------------------------
PSO      X         XX         XXXX  X X  X   X    X X      XXX  XX XX  X    X     X       X  X          X      X           X  X
PTE            X                                   X        X X   X     X     XX XXXX X      X   X     XXXX   XX  XX         XX
PTI   X       XXX XXXX X    XXX XXX    XX    XX X       X    XX  XXXX   X     XX  X          X       XX X X XX        X  XX
PTJ   X  XXXXXXX XX X X X  XXXXXXX    XX XXXXXXX  X X  X XX X X X X XX  XX X X   X  XXXXXXX  X XX   XXXXXX X  XX X XXX  XXXXXXX
PTO           X X XX          X        X X              X     X   X X   X          X        X                              X X
PUL   X       X X XX  XX    X X   X    X XXXX X         X   X XX        X X   X  X                            X               XXXX
PUZ   XXXX X XX   XXX XX X XX      X   X XX        X  X      X  X X                                   X XXXXX X     X        XX
PV08  X  XX  XXX XXXX XX X XXX XXX     X X XXXXXXX  XX   X      X      XXX  X X X  XX XX   X      XX    X X XX  X  XX   X XXXX XXX
PV09  X  XXX XXX XXXXXXX XXXXX XXX     X X XXXX XX XXX  X    X XX      XXX     X XX XXXXX   X     XX    X XXXX XX  XX   X  XXX XXX
PV10  X  XXX XXX XXXXXXX  XXXXXXX     XX    XXXXXX XXXX   XX  X XX     XXX X    X  XXX X   XX    XXX  XX X XX XX  XX   X XXXX XXX
--------------------------------------------------------------------------------------------------------------------------------
PVC     X XXXX  X  X   X       XX
PVL                         X  X                        X                          XX          X        XX          X        X
PVY     XX   X  XXXXXX X   XX X XXXX  XXX XX  X   X   XXX          X    X        XXX XX       X     XXX XX  XXX      X       X XXX
PWA   X  X X  X     X XXX XXXX    X   XXX      XXX XX  XXXXX X   X  X  X    XX XXXX X  X      X    X X  XXXX X XX   X       XXX
PYA   X  X    XX XXXXXXXX XXX X  XX   X XXXX X XX X X   XX   X XX  X X    X XX  XX X                  X XX  X   X           XXX
PYM     X       X X  X X  X X X    X   X  XXXXX         X    X     X XX   X X   X  X   X      X                    XX         X
PYUN  XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXX  XXXXXXXXXX  XX   XXX XXXXXXXXX   XXXXXX XXX XXXXXXXX
PZZ   XX XXXX   XXXX      XX X XX X  XX XX XXX   X   X XX X X  XXX    X XX  XX X  X XX  X X X  XXXXX XXX XXXXX X  XXXX         XXX
QASM               XX     X            X XX X    X          X X              X        X   X    X                   XX     X    X X
QCP       X  XXX XX XXX X XX X X X    XX X    X          XX   XXX    X   X  X XX  X  X                             X           X X
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QIZ           X   XX   X                X                     X   X         X          X                                      X X
RAB     X     X   XX   XX    XXXX    X XXXXX X  X XX X   X XXXX  XX XXXX X  XXXX XXX   XX     XXXX     XX   XX   XX    X X X    XXXXX
RAMN  XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXX  XXXXXXXX X XXX   XXX XXXXXXXXX    XXXXX  X   X   XXXX
RAR           X X XX   X      X        X                X             X       X     X
RCWM                X       X       XX X                          X   X                                                  X    X  X
RDO      X   X    XX  XX        XX         X  X  X X        XX  X                  XX       X  X    X    X    XX     X         X X
RDP           X     X         X        X     X                                X      X                                X        XXX
RDT   X  X X  X     X XXX  X XX   XX XXX     X    XX  XX XX X   X  X            XX X        X   X    XXXX   XX  X            XX
RED   X  X     X       XXX  X XX  XX  XX     X    XX  XX XX X   X  X        XX  XXX X       X   X    X  X   XX  XX           XX
REF   X  X     X    X XXX  X XX   XX XXX     X    XX  XX XX X   X  X   X    XX XXXX X       X   X    XXXX   XX  XX           X
--------------------------------------------------------------------------------------------------------------------------------
RES      XXX XXXXXXXXXXXX X X XXXXX XXXX XX              XXXX XXX      X X  X  XXXXX X  XX X   XXX     X XXX X X XX   X     XXXX
REVF  X         X X          XX X      X     XX                        X    X          X          XX              XX X X X  XXX
RFI         X  X X     X      X        X  XXX  X  X                         X          X                   XX     X    X    XXX
RIV         X X    XX XXX X  X X   X    X X             X         X         X XX  X     XX                       X  X   X
RIY        X X     X  X   X X          X         X    X                     X      XX  X X           X          XX XX        X X
RJF   XX X X X X X X XX X  XXX X  XX  XXX  XXXXX X X   X  XXX XXXXX XX XX  X X XXXX XX XX    XXX    XXX XX    XXXX  X       XXXX
RKG                 X   XX X XX     XX  X XX      X      XXX X   XX     X  X       X        X  .       X  X              X X
RMN   X  X  XX  XX XXXX XXX    X    X   XX   X  X       X  X XX         X  X          X          X    X                  XXXXX
RMP         X    X            X        X                                           X                               X
RMW   X   XX XXX XXXXXXX XXXXX XXX    XX XXXX X XXXX X   XXX     X    XXX X XXX   XX  XX  X      XXX  X    XX XX  XX    XX XXXX X
--------------------------------------------------------------------------------------------------------------------------------
RND   X     X  X        XXX  X       X  XXX     X   XX  XX  X      X  X  X     XX XX X X        X         XXX   X     X         X
RNO             X X     X    X X          X X X         X               X     X     X                                    XX  XX
ROB   XX X XX   X X     X  X X XX X   X X  XXX   X   X    X    XX     X XX  XX X  X XX  X X X   X XX   X  XXXX     XX          XXX
ROCH  XX X  XX X X X XXXX X X  X XX    XXX  X X  X       XXX X XX  X X  X XXXXXXXXXXXX  X X X X    XX  XX X  XXXXXXX   XXXX XXX
RRL   XX XXXX  XXXX    X    X XX X  XX XX XXX   X    X XX       XXX    X XX XXX X     XX     X X   X XX XXX  XX       XXX       XXX
RS2   X  X X  X        XXX  X XX  XX XXX     X    XX  XX XX X   X  X   XX   XX XXXX X       X   X  X XXX    XX  XX           XX
RSL             X X           X        X                           X        X          X   X                X        X        X X
RSM         X          X      X        X                                    X          X               X X        X       XXX
RSNY                                   X XXXX X    XXX XX XXXXX XX XX X   X  XXXXXXX      XXXX   X         XX         XXXX
RSO   X  X     X       XXX  X XX  XX XXX     X    XX  XX XX X   X  X   X    XX XXXX X       X   X    XX X   XX  XX           XX
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RSP   XX X XX   XXXX   X    X XX X  XX XX XXX   X   X X       X X   X X  XXX X    XX  X X X   X XX X X  XX       XXX          XXX
RSSD  X  XXX       XXXXXXX XXXXXXXXX    XX XXXXXXXXXXXXX XXXXXX                                  XX   X XXXX XXX XX   X   XXXXXXX
RSTA  X   X XX XX     XXX     XX XX  X       X  X   X X        XXX  XX XXXXXX XX     XX    X XX XXXXX X  X  XX      XX  X       XXX
RUV   X      X X          XX X         XXX                  X          X X  XX       X  X                                        XX
RVW           X                                 X           X    X        X      X         X                 X                X  X
RYD                 XX   X X           X    X             X   X  X              X      X  X    X                                X X
RZN   X     X       X         X   XX       X             X        X             X   X XXX X        X        XXX    X      X       XX
SAGI  XX X    XX XXX XXXX XXX     X    X X XXXX X  X       X    XXXX            X X    X  X    X    X XX  X XX X                XXXXX
SAL         X  X X     X    X X        X                                        X X    X                                      X X
SALF  X         X                 X    X   XX 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 |30
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SAN    X X  X  X X     X  X XX X  X   X X  X X         X        X         XXX   XXX   X   X X     X     X  X X   X   XXX  XXX
SAO   X    X X X XXXXXX  XXX X  X  X XX     X  X    X   XX  XXX    XXX    X     XX  X   X        X     XXXXX    X XXXXX
SAOF  X  X     X X         X XX      X  XXXX             XX        X     X X  X   X          XX        XX      XX X X X  XXXX
SAP          X   X X  X    X         X X    X                     X            X                         X                 X
SAW   X          XX XXX    X X  XX      X XX X         XX          X     XX        XX                    X             X X
SBA          XX  XX   X    X X         X X              X    X X   X X        X XXXX     X    X          X X X XXX   X   X  X
SBF   X  X XX  X X    X X  X XXXX X XXX  XXXX  X X X    XX  XXX  XXXXXX  XX X  X XXXXXXX X  XXXXXXX  X XX     XX XX X  XXXXXX
SCCM                 X    X X                            X     XX                 X                    X        X  X
SCE       X X      X                X          X     X         X                            X          XX      X           X
SCM   X  X X  X X    X XXX  X X   X  XXX    X   XX  XX XX X  XX  X             XX X        X          XXX   XX   X        XX
-----------------------------------------------------------------------------------------------------------------------
SCX    X       XX X X X       XXXX  X  X XX   X  X    X X          X XX  X     X     XX       X       X        X X X       X
SDA     X   X  X XX   X        X        X         X   XX        X  X X    X        X XXXX       X   X    X XX  XXX     XX   X  X X
SDCA      X  X                       X   X   XX                   XX                   X   XX         X X   X X  X  XX      X
SDF   X  XX  X X X    X    X X  X    XX XX X X X        X   X            X    X  X  X           XX      X          XXXXX
SDG   X    X  X      X  XX  X      X   XX          XX  XX XX X   X  X  X    XX  XXX        X          XX         X       X
SDN     XXXX X X XXXXXX  X XXX  X  X  X X  X X XX X    XXX    X X   X       XXXX  X  X            X     X     XXX      XXX X
SDOM              XX X X            X            X  X               X            X X                   X  X X              XXX
SDV                    XXXXXXXX XX  XX                X     X XX X            XX           X     X X    X
SEK     XX  X XXXXX X      X  XXX   XXX  XX XXX   XXX X X  XXX    XXXXX  X   XXXX    XXXX XX X  XXXXXXXXXXX  XXXX          XX XX
SETA     XX           X                X       X            X      X      X             X   X              X                 X
-----------------------------------------------------------------------------------------------------------------------
SEW   X  X     X       X  XX  X XX   XX XXX     X   XX  XX XX X   X  X  XX   XX XXXX X             X  X XXXX   XX  X       X
SFG   X X                       X          X                                               XX          X      X              X X
SFI           X  X X     X     X X         X  X X                                  X X        X                 XX      X   X    XXX
SFS             X X XX         X           X                      X               X           X                                  X
SGO           X  X X     X     X X         X   XX  X                                X         X                 XX      X   X    XX X
SGS   X         X XXXXXXX XX  X  XX    XX                X      X    X X     X  X                               X        X
SHK            X   XX   X    X XXX     X X     X     X              X
SHL         X XXXX XXXXXX        XXXXX                                                                 X XX    XXX  X X
SHNJ  X  XX X     X XX     X  XXXX     X X  XXX X    XX  XXX    XXX    X  XX      X       X            X          X X    X  X    XX X X
SHW   X    X   X XX XXX    XX X  XX    X XXXX X  X          X     X     XX    XX   X    X                  X   XX X X XX    X  XXX X
-----------------------------------------------------------------------------------------------------------------------
SIM           XX  XXXXXX     X X         X X X              X      XX          X X   X XX                                     X X
SIO   X        XXX X X        XX         XX                       X    X X                XX                XX     X  XX
SIT   X   X  X X XX X X  X X X XX        X XX X X          X X    X  X  X X    XXX  XXX X                   X                 X X
SIV   X           XXXXXXXXX XXXXXXX       XXXXXX XX XX  XX     XXX XX XXX   XXXXXXXXXXXXXX                    XXX X   XXXXXXXX
SJG   X    X X X XX  X  X      XX     X  X X   XX        XX X     X    X X    X           X    X       XX  X     X   X  X X  X     X
SJI                        XXX XXXX                      XX X               XX XX X                XX                          X
SKO   XXXXXXXX XXX                            XXXXXXXX XXXXXX XXX XXXXX XXX  X X  XXXXXX X   X XXXXXXXXXXX XXXXXXXXXX X    XXXXXXX
SKR     X  X      XXX  X        X  X     X     X                   X     X                                 X  X                X
SKT                                                                          XX XXXX X        X    X  X XXXX    XX  XX        XX
SLB   X X       X               X        XX             X        X    X       X                            X
-----------------------------------------------------------------------------------------------------------------------
SLE   X  X  X     X        X XX      X  XXX X     X            X  X  X X  XXX X       X  X  X             XX        X        XXX
SLKI                         X                         X XX X                                                   X             XX  X
SLKM  X XXXX  XXXXXXXXXXXX XXXXXX  XXXXXXXXXX XX  XX  XXXXX XX XX  X XXX XXXX XXXX X  XX  X X X X  X XXXX X XXXXXX XX   XXXX
SLM          X   XX   X    X X         X X              X    X X             X       X  X                   X  XX             XX
SLR   XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX X XXXXXXXXX XXX XXXX XXX XXXXXXXX X X XXXX    XXXX X XXX XXXXXXXXXXX XXXXXX XX  X XXXXXX
SMF   XX XXXXX X X XX X XXXX XX XXX XXX  XXXXX XXX X  X XXX XXXXXX X XX   X X XXXXXX XXX X  XXXXXXX     XX XX  XXX X     XXXXX
SML   X  X X  XXX    X XXX  X XX   X  XX      X    XX  XX XX X  XX  X  XX   XX XXXX X          X   X     XXXX   XX  XX        XXXX
SMY     X XXX X XX XX   X X    X      X X XXXXXXX            X X X     XX     XX  X   X                 X      X            XX X
SNA   X      X XX XXXX    XX  XX       X                X     XX     X  XX X      XX XXXX  X          X       XX X   XXX        X X
SNF          X   X X  X X   X X        X    X    X                       X X    X X        X   X       X        X                XXX
-----------------------------------------------------------------------------------------------------------------------
SNG        X  XXX XXXXXXXXXXX X          X XX    XXXX X X XXXX     XXX XXX               XX     X                X  XXXXX      X     X
SNZO         X X   XX   X       X    X    X X     X                X  XX        XXX   XX X   XX       X                             XX
SOB1  XX XXX XXXXXX            XX     X X XXXXXXX          X   XX XX    X  X X  X        XX       XXXX X   XXX          XX        X  X
SOC        X  XX  X XXXXX XXX X          X XXX  X X        X     X X              X X       X   X         X        X    X          X X
SOH   XXX  XXX XXXXXX XXXXXX X X XXX XX XXXXX  XXXXXXXXXX  XXXX X  X  XXX X X   X XX  XX X  X  XX X   XXXX   XX XX XX   XXX X X
SOI           X    X    X    X X        X  XXX     XX                          X X        X                  XX X      X        XX X
SPA   XX XXXXXXXXXXXXXXX XXXXX X X  XXXXXXXX X    X X XXXXXXX  X XXX X  X XXXXXXXX      XXXX     XXX    X XX XXXXXXX XXX    XXXX X
SPC   X  XXXXXXXXXX XXX          XX   XXX XX XXXXX           X X XX                X                   X                            X
SPU   X  X X  X       X XXX  X XX   XX XXX      X    XX  XX XX X   X  X  X  XX   XX XXXX X          X    X  X XXXX   XX  XX        XX
SQTA  X  XXXXX X X  X X     XXXX X XX XXXXXXXXXXX X X      X    XX  X XXXX  XX X     XXX  X  X  X   X   X   X  XX  X     XX X   X XXXXX
-----------------------------------------------------------------------------------------------------------------------
SRBF                   X X     X X        X  XX                          X    X                                                X X
SRFA                     XX      XXX  X  X                      X                    X
SRN   XX     XX XXX    X        X        X     X     X X                                  X X  X  X                       X       X
SRO   X  XX XXXXXXX XXX     X X  XX    XX XXX XXXXXX       X XX  X XXX XXX       XX   XXXXX XX       XX  X     XXX X  XX      XX X XXXX
SRS   XXX  XXX XXXXXXXXXXX X X X       X          XXX X XXX  XXXX X  X  X X X X X   X XX  X       X  XX X    XXX    X   X XX  XXX X X
SRU   X  XXX XXX XXXXXXX XXXXXXXXX     XX XXXXXXXXXXXXX XXX X X XX  XXXXXX  XXXX XXXXX    XX X   XXX XXXX XX XXX XX   XXXXXX XXX
SSB              XX    X     X X       X                                 X          X                X        X             X X
SSE   X  XX  XXXXXXXXXXXXXXX XXXXXXX XXXXXXX XXXXXXXX XXXXXXXX XXXXX X X XX XXX X XXX X     XXXXXX  X XXXX XXXXXXX X    X  XXX X
SSF   XX XXX X X X X XX XXXXXX XX XXX XXX XXXXXXXXXX XX XXXXX XXXXXX X XX  XX XXXXXXXX XXX      XXXXXXX   XXXX X    XXX   XX    XXXXX
SSK        XX    X XX  X     X XX  X XX XX       X    XX  X       X      X X   XXX   X XXX   XX   X  X  X  X    X        X  X   X XXX   X XX X
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SSOR  X         X X     X    X X  X          XX X  X       X X          XX    XX   X                X   X                      XXX  XX
STAN         X   X XX           X        XX        X        X                 X    X                     X      XXX              X
STCO  X      XXX XXXXXXX XXX X         X X XX      X        X       X   X X           X            X        X   X                X
STKA  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXXXXXXX      XXXXXX  X XXX X X XX X    XXXX
STS             X               X        X                                     X X       X  XX       X              X            X
STV   XX XXXX   XXXX       XX X XX X  XX X  XXX       X XX   X  X      X XX   XX X  X XX   X X X  XXXXX   X XXXXX X  XXXX        XXX
STW   X    X   X X              X              X                 X     X     X        X                                           X
SUA   X                                                                      XX XXXX X        X    X  X XXXX    XX  XX        XX
SUE         XX                  X  X     X X          X    X       X
SUR      X    X X XXXX X        X   X    X   X X     X X    XX X   X  XX     XX                                  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 |30
      ------------------------------------------------------------------------------------------------------------------------
SURF  X          X                                 X     X   X     X      X        X   X    XX         X       XX         XX
SVA         X    X                                                      X X        XX  X                               X  XXX
SVB   X X X    X     X      XX        XX               X        X   X        X                   X     XX             X
SVE      XX  XXXXXXXXXXX XXX X XXX    X XXXXXX XXXXXX  XXX  XX XX   XXX   X XXX XX X  X     X XX    X XXX XX  XXX    XX  XXXX
SVV   X X X    X     X      XX        XX               X        X   XX       X                   X     XX             X
SVW   X XXXXXXXX XXXXXXXXX XXXX X  X XXXXXXXXXXXX XXX XXXXX XX XX  X XX   XXX XXXX X  XX    X XXX XX XXXX X XX XXX X XXXXXXXX
SWI                   XXXX        XX XXXXX X X    XXX                                       X XX    X   XX
SWZ     XX  X XX  X X         XXX   X X   X XXX   XXX X X  XXX X XXXXX  X   XXXX   XXXX XX X XXXXXXXXXXX   XX X        XXX XX
SYI      X    X        XXX  X XX   XX XXX     X   XX  X  XX     X  X   X   XX  XX  X        X   X  X    X   XX  X        X
SYO    X     XX  XXXXXXX XX  X        X     X       X                              X  X       X            X  X            X
      ------------------------------------------------------------------------------------------------------------------------
SZP   X XXXXXX     XX X XXXXX  XXXX X XXX X        XXX     X XXX      XX X  X X  XX   X   X X     X    X         X
TAB    X     X   XXXXXX  XX  X  XX   XX XXXX X XX        X   X XXX   XX XXX XX  X  XX            X    XX     XX      X   XXX
TACH  XX X       X X XXXX X X  X XX   XX   X X      X   XXX X XX  X X  XX    X         X X X X   XX   XX X  XXXXXXX  XXXX XXX
TAF   XXX XXXXXXXXX  X  X XXX   X X   XX    X         XXXX  X X   XXXXX   X  X     XX X X    X         X  X   XX   X       X X
TAIF             XX   X               X X  X                   X            X      X                                     X X
TAPN  X XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXX XXXXXXXXXXXXXXXXXX  XXXXXXXXXX XXX   XX XXXXXXX      XXXXXX X X XXXXXXX
TATO         X   XX   X               X X  X                 X X          X     X  X
TAU          X   XX  XX    X X   X    X                                   X
TBH   XXX    X X X   XX     XX X      X     X          X        X   XX       X       X     X   X X     XX             X
TBM                             XX                        X          X     X        X                  X               X   X
      ------------------------------------------------------------------------------------------------------------------------
TBR   X        X XXXX X      X   X    X           X X          XX         X   X                        X      XX           X
TCE   XXX X  X X X   XX    XXX X      X     X          X        X   XX    X  X       X     X   X X    XXX             X
TCF   XX X X X X X  X X  XXX X  XXX XXX XXXXXXXXXX    XXXXX XXXXXXXX XX  XX XXXXXXXXX XX   XXXXX XX  X XX X   XXX  X   XXXXX
TCW   XXX X      X X  X X XXX  X X     XX     X   XX     X     X   X XX                               XX XXX X X     XX X XXX
TDH            X                X               X         X          X     X   X    X              X                       X
TDS                          X        X  X X  X   X                       X X      X                      X              XXX
TEH          X   X X                 XX        X                            X X    X                                   X   X
TER    X         X   X       X       XX  X                              X                          X                    X
TGY       X  XX  XX  XX  X X XXX XX   X X    X X   X    XX    XX   X   X  X     X X X       X XX    XX    XX XXXXXX X    X
THE    XX  XXX XXXX X XXXXXX X   X   XX   XX     XXX XXXX  X X  X  X   X  X X   X XX  XX X  X   X X     X       XX XX  XXX XX
      ------------------------------------------------------------------------------------------------------------------------
THY        X            X          X              XX  X   X     X          XX  X                        X        X
THZ   XXX XX   X XXX XX X XXX  X X    X X X       XX     X    XX  XX XX                               XXX X X       XXX   XXX
TIC   X  X  XX X XXX  X   XXXX  X   XXX X XX  XXX     XX X  XX X XX X     X  X  X  X  X    X X XXX     XX X XXXXX X X XXXXXXX
TIO   XXX  X XXXXXXXXXX X XXXX  XXXXX XXX XXX  X       XXX XX XX XXXXX XXXXX X    XXXXXX   X   X  XXX X   X X   XX  XX XXXXX X
TIR   XXX      XXXX   X    X X             X     X    X X    X    X    X  X    X XXXX X  X  X           X         XXX
TJR               X  X    X                 X             X         X                        X       X            X
TKSJ  X  XX XXXXXXXXXX    XX XXXXX   XXXXXXXXXXXX XXX XXXX  XXXXXXXXXXXX  X XX  X           X  X       XX XXXXXX  X  XXX X X
TLC   XX                         X                 X           X                                      XX   X          X X
TLE       X XX                                      X    X                                       XXXX XX
TMA   X  X XX  X X  X     XX XX   X   X  XXXXX XX  X     X   XX XX X XX XXX X    X X  XX X             XX       X  X     XXX
      ------------------------------------------------------------------------------------------------------------------------
TMW   X    X            X          X    X         XX  X   X     X          XX  XX                     XXX
TNE        X  XXXXX   XX      X                   X         X                 X    X  XXX X                    X   X
TNP   X  XX  XXX XX  XX   XXXX  XX X XX   X  XXX X  X  XX X XXXXX XXXX   X  XX XX  X     XX    X     X XX XXX XX   XX XX X XX
TNS   X  XXX XXXXX  X                                       XX   X X X X  X X   X  X  XX X  X  XX  X    X X    X   X   XXXXXX
TOA   X  XXX XXX XX XXX XX XXX     X XXXXX XX  XX XXX XXXXX XX XX  X XX   XXX XXXX X  X     X X   XX  XXX X  XXX X    XXXXXXX
TOO   XX  XXXXXXXXXXXXXXXXXXXX XXXX  XXXX  XXXXX  XXX  XXX         XX X  XXXXX XXXXXX XX X  X X X    XXXX XX XXXX  XXX  XX XX
TOUF  X  X X   X XX        X XX X     X  XXXX            X  XX     X X    X X      X        X           X      XX X X X  XXX
TOV                     X XXXXX  X  XX                X       XX X         X            X      X      X
TOW       X          X    X X      X            X   X     X    X   XX                                          X
TPC                  X               X      X   X         X     X   X                    X           X                 X
      ------------------------------------------------------------------------------------------------------------------------
TPE   X X   XX XXX                         X
TPNV  X  XX  XXX XXXXXXX XXXXXXXXXXX XX XXXXXXXXXXXXXXXXXX  XXXXX  XXX XXXXXX  XX XX  XXXXX XXXX   X XXXX XXXXXX    XXXXX XXX
TPP   XXX    X X X   XX     XX X      X     X          X        X    X               X     X   X X    XXX             X
TPT   X      X X           X X        X X                X         X X  XX      X  X                                       XX
TPX    X      XX X X X       XXXX  X XX  X  X   X    X X       X   X X  X    X    XX      X        X        X           X
TRF   X  X X  X        XXX  X      X   XX          X            X  X  X    XX XXXX X        X        XXXX   X    X       XX
TRGS           X X                         XXX                XX   X X                                                   X X
TRI      XXXXXXXXXX X XX   X X XX  XXXXXX  XXX   X X  X XX  XXXXXX XXX XX X X  X   XXX X XX X   X  XX  X  X  XXXX  X     XXX X
TRN   XXX X  X X XXX XX    XXX X      X     X          X        X   XX    X  X       X     X   X X    XXX             X
TRT                       XX  XX X                    XX X                XXXXXXXX        X XX                            XXX
      ------------------------------------------------------------------------------------------------------------------------
TSM   XX  X  XXX XXXXXX X  X XXXXXX   X X XX X XX   X   XX  XXXX   XX    XX  X  X  X    X   X   X    XX X   XXXX   X     X X
TSRJ  X  XX X XXXX XXX    XX XXXXX   XX XXXXXXXXX XX   XXX   X X X X XXX  X XX X            X  X       X  X X  X  X  XXX X X
TTA   X XXXXXXXX XXXXXXXXX XXXXXXX X XXXXXXXXXXXX XXX XXXXX XXXXXX X  XX XXXX XXXX X  XX    X X   XX  XXX    XXX X XX XXXXXXX
TTG    XX   X  XXXXXX X   XXXX XXXX XXXX XX  X   X   XXX   XX     X    X       XX   X       X      XXX XX  XXX     XX  X X XXX
TTH   X X         X   X X  XX  X X      X         X   X  X    X   XX XX                                X XXX X X     X  X  XX
TUC   X  X X XXX XXXXXXX XXXXXX X    XX XXXX X X X  X   XX  XX    X XX                 XX    X     X X XX XX XXX    X  XXXXXX
TUL   X    X XXX XXXXXXX XXX XXXXX XXXX  XXX XX XXXXXXXX  XX  XXX XXXX X  XX X XX XX   XX     XX      XX X XX XX      X X XXX
TUZ               X                                            X   X  X                               XXX  X X XX   X X X
TVO          X X          XX X        X X                X         X X  X         X                                       XX
TYNO  X      XXX XXXXXXX XXX X        X X XX      X      X     X   X X       X  X              X           X   X           X
      ------------------------------------------------------------------------------------------------------------------------
TYS   X      XXX XXXXXXX  X  X  XX   XX           X      X     XX  X X       X  X  X                          XX           X
TZL   X       X      X  XX  X      X              XX  X   X X  XX     X    XX XXXX          X          XX        X
UCC          X X XX   X    X X        X   X                          X    X        X                X  X                 XXX
UFRS  XX  X    X XX   XX   XXX  X     X X XX       X     X   X    XX X    X            X       X              XX
ULC    XX   X  XXXXXX X   XX X XX    XXX XX  X   X   XXX          X    X       XXX XX       X      XXX XX  XXX     XX    X XXX
ULM      X X XXXXXXXXXXX XXX XXXXX XXXXX XXX            XXX  XXX    XX       X XXXXX  XXX    XXX       XX X X XX        XXXX
UNM          XXX XXXXXX   X   X    XXXX XX X  X    X           X       X         XXX  XX           X X     X XXX        X  X
UPA    X       X  X          X        X                         X   XX X     X    X X  XX  XX                           X
UPP    X XX  X XXXX XXX    X X XXX   XX XXXXXX X        XX   X XX  X  XX  X X X    X  X X   X   X         X          X  XXXXX
UQSK             XX   X 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 |30
     ------------------------------------------------------------------------------------------------------------------------
UZH   X  XX  X X XX   X     X X    X    X XXXX X X         X  XX XXX    X   X X   X XX  XX      X        XX      XX   X   XXXXX
VAH   X      X X            X X         X X                            X X  XX        X                                     XX
VAI         X  X X    X     X X            XXX                                   X        X                 X      X       X X
VAL          X  X     X        X        X                          X      XX              X                                XX XX
VAM      X   X   XX X X X        X         X XX  X X X             XX X  X          X X X          XXXX   X  X XX          X  X X
VAO   X  X     X XX  XXX   X            X X           X      X     X    X X      X                        X           X     X X X
VAY   XXXXXXXX XXX                         XXX XXXX XXXXXX XXX XXXXX XXXX X XX XXXXXX XXXX XXXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
VBEM  X    X    X X  XXX    X X  XX       X XX X  X          X            XX     XX    X    XX            X   X             XXX  XX
VBY      X X XX    X  X XX XX  XX XXX XXX  XXXXXXXXX XXXX  XX   XXX XXXX X X   XX   X XX XXX X
VDCF                                    X   XXX                    XX      XX          X
     ------------------------------------------------------------------------------------------------------------------------
VDL                       X    X XX    X    X   XXXX X   X         XX            X  X     X X    X X                    X        X X
VGB   X     X X X X    X    XX X  XX    XX X  X X    X      X X    X    XXX      XXX  X    XX               X   XX  X  XX      XX  X
VIPM  X     X   X XX  XX    X X  XX        X X  X          XXX           X       XX   X    X             X   X                XX  XX
VKA          X   XX X        XX         X X  X XX  X               X  XX         X         XX            X       XX                XXX
VLA     X  XXX XXXXXXX    X X  XX      X XXX  X      X   XXX    X X    X        X  X      X
VLI       X   X   XX XXX X          XX  X   X XXX X X X     XX    X XX X  X          X XXX   XX X  XXXXX    X  X XX        XX    X  X X
VLO   X     XX XXX    X                 X     X      X     X                     X         X     X  X
VLS    X      X X X    X           X  X     X X X   X X  XX    X     XXX               XX   XX X  XXXXXX  X              XX    X XX X
VLZ   X  X X  X X    X XXX         XX XXX     X    XX  XX XX X  XX   X  XX    XX XXXX X        X   X  X XXXX   XX    X        XX
VOY   X  XXXXXX X  X X  XXX X X  XX   XXXX   XXX  X X  X X    X  XX XX X   X X   XX XX XX XX X        X  XXX X    XX  X   X XXXXX
     ------------------------------------------------------------------------------------------------------------------------
VRAC  XXXXXXXX XXXXXXXX X XXXXXXXXXXXXXXXXXXXXXXXXX XX  XXX XXXXXXXXXXXXXXXXXX XXXX XXXXXXX XXX XXXXXXX XXXX   XXXXXXX XXX XXXX
VRI   XXXX X XXX XXXX XX  XX X  XX   XXXXXXX X XX    X                                XX X  X  XXXX  X X XXXXX  X
VTS   X          X                                                               X        XXX X       X       XXX   X     X      XX
VUN    X  XXXX  XXX XXXX  XXX     X XX   X X XX X X  XXXX     XXX X X XXXXXX  X  XX X X                                     X  X
VVI         X  X X    X     X X         X                                        X         X                                    X X
VVO   X      XXX XXX          XX XX                                X    X X         X  XX
VZW   X  X    X X     X XXX  X XX    X  XX       X    XX   XX XX
WAH2  X        X      X     X X  XX          X                            X     X                            X             X    X
WAHZ  XXX     X     XX  X X XXX  X X    X X         XX    X  X     XX   XX XX                                X XXXXX X      X  X  XXX
WAJH     X       X    X                 X    X          X       X              X                     X         X            X X
     ------------------------------------------------------------------------------------------------------------------------
WARB  XXX XXXXXXXXXXXXXXXXXXXXXXXXXX XXXX XXXXXXXXXXXX            XXXXXXXXXXXXXXXXXXX XX XXXXXX XXXXXXXXX XXXXXXX XXXXX XXXXXX
WATA  X  XXXXX X X  X X     XXXX X XX XXXXXXXXXX  X X     X   XX  X XXXX   X X    XXX  X  X  X   X   X  XX  X    XX X   X XXXXX
WB2   XXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX           XXXXXXXXXXXXXXXX   XXXXXXXXXXXX    XXXX
WCZ   X    X  XX  X   X      X    X     X X         X X      X    X X                               XXX         X X  XX
WDC   X    X X X XXXXXXX XXXXXX XX    XX X    X          XX   X X   X X   X    XXX X   X  X   XX X      XX XXXXXX  X   XXXXXX
WEL   XX                 X  XX  X                   XX     X          XX                                                          X
WET   X   X     X X  X X    X XX        X  X XXXXX            X     X  X    X X     X  X  X           XX X     X          XX
WHZ    X   X      X X      X XX   X               X            X  X                                XX             X  X X
WIN   X  X   X X X  XXX   X  XXX X    X  X X       X    X      X  X  XX    X  X     X                  X X   XX               X X
WIT   X         X X   X     X    X    X   XX               X   X        X    X X     X                 X                       X X
     ------------------------------------------------------------------------------------------------------------------------
WKYJ  X  XX XXXXXXXXXX    XX XXXXX    XX XXXXXXXXX XXX XXXX  XXXXXXXXXXXX  X XX  X          X  X        XX XXXXXX  X  XXX X X
WLF   X   XX XXX XX X X   XX XXX       X XXXXXXXX    X   XX  X      XXXX XXX X    XXXX X         X XXX     X            XXX
WLS   X    XX  X X  X X     XXX        X XXXX   X X      XX  X  X     XX X X X      X  X                X                   XXXX
WLVO  X      XXX XXXXXXX XXX X         X X XX     X       X     X   X X       X  X               X              X   X            X
WMOK  X  X XXXXX XXXXXXX XXX X  XX    XX XXXXXX XX X X XX XX XX XXXXXXXXXX XXXXXXXXXX   XX     XX    X XXXX XX XXX           XXXXXX
WOOL                                  XX XXXX X XXXXXX XXXXXXXXXXXXXXXXXX XXXXXXX XX X X X      X X X  X
WPW                          XX                   X        X    X     X     X       X                X  X                  X   X
WRA   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX    XXXXX
WRH   X    X  X         XXX  X      X  XXX      X   XX  X  XX X   X  X  X    XX XXXX           X          XXX   X    X
WSHM             X  X    X             X          X   X      X      X   X                              X          X
     ------------------------------------------------------------------------------------------------------------------------
WSI                      XXXXXXXX                          XXXX                       XXXX           XX                          X X
WTS   X         X XX   X     X       X     X  XXXX  X X  X   X    X    X    X    X X  X  X          X     X  X     X    X     XXXX
WTTA  X  XXXXX X X  X X     XXXXXX XX XXXXXXXXXXX X X     X    XXXXXXXXXX  XX X  X XXXX X  X  X   X   X  XX XX  XXXX X    XXXXXXX
WTV   X    X    X XX XXX    X X  XX       XX X       X            XX    XX       XX                  X       X                X X  XX
WWKK   XX X XXXXXXXX  X XX XX XXX  X X  X   XXXX XXXXXXX  X XXX XXXXXXX XXXX XXX XXXXXXX XXXXXXXXX XXX XXXXXX X X X X X     XXXX
XAN          X   XX   X                  X                X     X   X X    X        X                                        X X
XIN   X  X   XXXXXXXXXXXXXXXXXXX
XLV                       X      X    X   X      X        X        X        XX  XX  X          X          X   XX             X
XMS      X       X               X X       X       X      X    XX   X                          X       X           X    X
YAK      X  XXXXXXXXXXXX X   XX XX    X XXXXXXXXX X X  XXX  XX XXXXX X X    XXXXX  X   X    X  X       XX XX XXXX    XX  XXXX
     ------------------------------------------------------------------------------------------------------------------------
YAMJ     XXX X XX XXX    XXXXX XX   XX XXX XX XX X    XXX   X XX  XXX X      X               X  X       XX X XX X      X XX X
YBH   X    X X X X XX   X    XXXX XX   XX X    X           X      X    X X    X   X               X     X  XX XXX  X      XXXXXX
YEG   X            X                 X  X        X        X    XX   XX                                X     X
YKA   XXXXXXXXXXXXXXXXXXX XX XXXX XXXXXXXXXXXXXXXXXX  XXXXX XXXXXXXXXXXXX XXX  XXXXX   XXXXXX X X  XXX  XX XXX  XXX     XXXXXXXX
YLV   X X XXX XXXXXXXXXXX XX  XXXXX X  XXXXXX     XXX   XXXXXXXXXXX XX  XX  XXX XX XX  X    XXX      XXXXX XXX XXX  X XX XXXXXXX
YONJ  X  XX XXXXXXXXXX    XX XXXX    XXXXXXXXXXXX XXX XXXX   XXXXXXXXXXXX  X XX  X          X  X        XX XXXXXX  X  XXX X X
YSNY  X  X   XXXXXXXXXXX XXX X  XX    XX X  XXX    X X XX X XXX XX XX X    X  XXXX  X          X X        X  X  XXX          XX X
YSS      XXXXXX XXXXXXXX XXX XXX X     X XXXXXXXXX XX    XXX   XX XXX X X X   X XXX X  X  XX      X  X        XX XX X X     XXX XXXXX
YTIR  X  X       XXXX X  XXX       X    X   X              X       X          X         X                X       XX               XX XX
YYYY  X XXX   X               X XXX XX X X  XX X XX X  XXXX  XXX XXX X X XX XXX XXXXX XXX   X X   XXX      X  X X XXXX XX X X X
     ------------------------------------------------------------------------------------------------------------------------
ZAG         X  X XX X X    X X X       X X   X    X       X          X      X          XX                    X                  X X
ZAK      XXX XXXXXXXXX X XXX XXXXX     X XXXXXXXXXXXXX  XXX  XX XXXXX XXX  X XX XX  X  XX    X XX   X  XX  X XXXX    X    XXXX
ZLA            X X        X X          X  XXXXX X             XX   X  X X X        X  X             X                        XXX
ZNT     X X       XX  XX  XX           X    XXXX           X   XXXX           X X         X               X     X X             X XX
ZON   XXXXX XXXXXXXX     XXXXXXXXX XXX X X  XXXXXXXXX XX XXXX XXXXXXX  XXXXX XXXX XXXXXXX XXX  XXX XXX XXXXXXXX   X XXXX XXX
ZST   XX XXXXXXXXXXXXXX  XXXXXXXXX     XXXXXXXXXXXX  XXXXX XXXXXXXXXXXX XX XX XXXX     XXXXX XXXXXXXXXXXXXX XXXX   XXXXXXXXXXX
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The following stations each reported less than 10 readings:

AAM	AARM	AASM	ABH	ABJM	ABKT	ABRM	ACR	ADES	ADH	ADH0	ADR	ADWM	AFDM	AFHM	AFI	AFRM	AGC
AGRW	AHRM	AKSR	AKUR	ALAM	ALB	ALE	AMC	ANCC	ANGS	ANGW	ANMO	ANZ	AODM	AOHM	APM	APO	APR
APRM	AQBJ	ARJM	ARO	ARRM	ASMM	AVOW	AVRM	AYN	AZUC	BAPM	BAR	BATC	BAVM	BBJ	BBOR	BBR	BCGM
BCKR	BCWM	BCYI	BDID	BEAW	BENR	BER	BERF	BETC	BEW	BGC	BGH	BGM	BGY	BHPR	BHRM	BIB	BIR
BJO	BKC	BLE	BLH	BLKC	BLN	BLRM	BMSM	BNPN	BOCO	BOH	BOM	BON	BOQS	BORS	BPBC	BPO	BPOM
BPRM	BRD	BRGC	BRK	BRMM	BRVW	BSLM	BSRM	BTB	BTL	BTW	BUD	BUNI	BUS	BVW	BVYM	BZK	CALA
CALB	CALC	CALV	CANV	CAYA	CBB	CBC	CBKC	CBO	CBSW	CBTI	CCW	CCYM	CDAL	CDC	CDCB	CDFW	CDVM
CEI	CFA	CFT	CFTV	CGA	CGPM	CHAF	CHIC	CHIE	CIGS	CIS	CIW	CJV	CLC	CLKR	CLMC	CMBC	CMCM
CMMM	CMPM	CMW	CNCI	CNI	CNZ	COA	COI	COLF	COLW	COMI	COR	COSM	COTA	COY	CPE	CPI	CPIM
CPM	CPW	CPZ	CRBI	CRF	CRQ	CRU	CRUC	CSB	CSLM	CSPM	CSSM	CSTJ	CSTL	CSVM	CTFE	CTM	CTW
CUMC	CVAL	CVD	CVPM	CVR	CVT	CWCR	CYBM	CZM	DAWY	DBM	DHH	DHLJ	DHW2	DIAC	DIL	DOMF	DOMO
DOO	DPC	DPMT	DRA	DRZ	DSVT	DTMT	DUC	DWY	ECF	EDB	ELMC	ELS	ELYF	EMI	EMSC	ENH	EPH
ERK	ERPC	ERZ	ESD	ESK	ET3	ETB	ETW	EUC	EWC	EZAM	FAM	FAR	FBO	FCV	FFC	FG2	FG3
FIL	FLOC	FLSC	FNO	FOO	FOXC	FRA	FRGC	FRI	FRK	FRP	FTC	FTR	FUL	GACM	GANF	GARM	GAS
GAV	GAXM	GBDM	GBGM	GBI	GBL	GCBM	GCG	GCRM	GCVM	GCWM	GDCM	GDR	GDXM	GED9	GELF	GGC	GGP
GGPM	GGUM	GHC	GHCM	GHGM	GHLM	GHMM	GHOM	GHS	GHVM	GHW	GL2	GLK	GMCM	GMKM	GMO	GMOM	GNAM
GPMM	GRA2	GRA3	GRAI	GRDS	GRFO	GRTM	GSGM	GT2	GTRI	GTSM	GUAC	GUAN	GVR	GVRC	GWJ	GWRM	HAE
HAMO	HATO	HATZ	HAYW	HBMT	HCG	HCOM	HDW	HERM	HEX	HGH	HGWM	HIA	HITJ	HJGM	HJSM	HKL	HNB
HOBC	HOD	HOJ	HOLB	HOQC	HOR	HPE	HPI	HPO	HQL	HRY	HSA	HSFM	HSPM	HSR	HTCR	HTL	HTR
HWSI	HYS	HYT	IAS	ICI	ICR	IKP	ILIM	IMW	INGI	INMG	INS	IRCI	IXG	JAMA	JARJ	JBLM	JBMM
JBZM	JCHM	JCPM	JCR	JEHI	JELM	JFS	JGI	JHLM	JJRM	JLK	JMI	JNAM	JNE	JNW	JPRM	JRDJ	JRGM
JRRM	JRSJ	JSBM	JSMM	JSTM	JTGM	JUCM	JULC	KALI	KBBM	KBI	KBNM	KBR	KBRM	KBS	KBSM	KCPM	KCRM
KCTM	KEDI	KELI	KFNJ	KFPM	KGMM	KHBM	KHMM	KIPM	KJJM	KKH	KKPM	KLL	KMOR	KMTA	KOE	KPK	KRKM
KRMM	KSMM	KSPM	KTD	KTK1	KTRM	LAB	LAQC	LBKM	LBRS	LCBS	LCFM	LCMM	LCR2	LDBM	LEOC	LFRS	LFU
LGBM	LGOR	LHCM	LHKM	LHU	LIM	LIME	LIO	LIS	LISJ	LJB	LJI	LKC	LLAV	LLRI	LMPM	LMW	LMZ
LOC	LOCW	LOF	LOHW	LOK	LPC	LRC	LRCZ	LRDM	LRRC	LRS	LRV	LSP	LT15	LT3	LTC	LTR	LVP
LVRI	MA2	MAC	MAHZ	MASJ	MBET	MBW	MCP	MCSM	MCT	MCUM	MDA	MDN	MDRJ	MDW	MECC	MEMT	MENF
MENI	MEW	MGA	MGB	MGD	MGL	MGZ	MHA	MHR	MHZ	MIRC	MJ2	MKRJ	MLAC	MLL	MMCZ	MNB	MNR
MOL	MOOW	MOP	MOR8	MORO	MOY	MOYM	MPOR	MRFM	MSCZ	MSI	MSJ	MSTM	MSVF	MTC	MUDI	MUNC	MXC
MZX	NAB	NAC	NAO	NBO	NBPM	NCFM	NCOR	NDHM	NEZ	NFIM	NINI	NLHM	NLO	NLW	NMC	NMHM	NMMO
NMTM	NOLM	NPRI	NPRM	NRIL	NRZ	NSHM	NSS	NTBM	NVS	OBC	OBHM	OCR	OD2	OGE	OHCM	OHW	OJEN
OJOS	OLLA	OLYC	OOW	OPA	ORAM	ORC	OSD	OSP	OSR	OSUM	OT2	OTR	OWYM	OZB	PACI	PACW	PADM
PAGM	PAHZ	PANM	PAPM	PARM	PASI	PATW	PATZ	PCF	PCG	PCHF	PCJ	PCL	PCRM	PCRV	PDA	PDRM	PEM
PENI	PEV	PFB	PFO	PGB	PGC	PGO	PGW	PHBM	PHC	PHCM	PICO	PICS	PIED	PJLM	PKA	PLAV	PLEC
PLT	PMCM	PMGM	PMRM	PNP	PORP	PPE	PRAC	PRAF	PRCM	PRI	PRP	PRW	PSAM	PSD	PSMM	PSN	PSP
PSRM	PSTM	PT03	PT06	PT08	PT10	PTRM	PTS	PTT	PTV	PULI	PURC	PUYF	PVPS	PWMM	PYN	PYR	PYT
PZCI	PZI	QAL	QTFJ	QTRJ	QUND	QVP	QZA	RAMW	RANB	RANI	RAO	RATI	RAY	RBA	RCS	RDG	RDN
REDW	REMR	REMW	RHJ	RIA	RIB2	RMR	ROSA	RPN	RPW	RSW	RTCV	RTLL	RTPR	RUN	RUP	RUSC	RUWJ
RVC	RVCM	RVR	RYS	SAC	SADC	SALJ	SARO	SBB	SBCZ	SBKC	SBO	SCH	SEC	SEG	SEO	SEY	SFL
SFT	SGAM	SGL	SHB	SHG	SHH	SHMJ	SHWJ	SIL	SILC	SIMI	SINI	SIZ	SJAS	SJH	SJS	SKG	SKI
SLEB	SLW	SMBI	SME	SMTC	SMW	SNB	SNCC	SNDC	SNOW	SNT	SNX	SOE	SOLC	SOP	SOS	SOSW	SPA0
SPCI	SPJ	SPVI	SPW	SRDI	SRTC	SS2	SSN	SSR	STD	STDO	STEW	STGR	STH	STR	STTC	SUP	SWM
SXM	SYP	TANI	TARW	TAVF	TAZ	TBT	TCC	TCO	TCSI	TDL	TEJ	TGRV	THC	THRI	TIM	TKO	TLB
TLG	TLY	TMB	TME	TMI	TMP	TNR	TOD	TOLC	TPAW	TPI	TPMO	TPO	TPOR	TPRS	TREF	TRO	TRXW
TWL	TWW	UPI	USI	UTU	VCR	VDB	VFP	VGZ	VILF	VLL	VLMM	VPD	VPEM	VRC	VSM	VSS	VTHM
WALA	WASM	WBSM	WCC	WCHM	WES	WFB	WHFM	WHVM	WHY	WIW	WIZ	WJPM	WKR	WLHM	WLZ	WMQ	WOFM
WORM	WPB	WPI	WPM	WPO	WRAB	WRD	WSCM	WSP	WVOR	WVZ	WWPM	WWR	YAKW	YANA	YAQ	YKU	YLL
YMD	YOMI	YPE	YRE	YRH	YUH	YUP	ZOBO										