

Republic of Lebanon  
National Council for Scientific Research

# Provisional Seismological Bulletin

from the

## NATIONAL SEISMIC NETWORK

June

2006

Prepared by  
The National Centre for Geophysical Research  
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## GENERAL BULLETIN INFORMATION

The National Centre for Geophysical Research is a governmental agency established 1975 in Lebanon by the National Council for Scientific Research (CNRS). The mission of the Centre, among other assignments, is the monitoring of seismic activity within the national territory. Currently, the national seismic network is under deployment; it has been officially registered as GRAL, an acronym for Geophysical Research Arrays of Lebanon. Station coordinates and status are given below.

Since 1993, the Centre has been participating in a regional initiative by the UNESCO and the USGS known as RELEMR, i.e. Reducing Earthquake Losses in the Eastern Mediterranean Region.

Within this framework, the Centre routinely contributes to the database set up for this purpose and maintained by the Euro-Mediterranean Seismological Centre (EMSC). For coherence, the Centre has adopted the recommended seismic analysis system SEISAN developed by Jens Havskov and Lars Ottemoller from the University of Bergen, Norway.

The localization program currently used for locating earthquakes is Hypocenter (Lienert et al., 1986). Plane parallel layers are assumed for local and regional events, while the IASPEI travel time tables are used for distant events.

The velocity model used for all local and regional events is the one currently adopted by the RELEMR initiative.

| <b>P-wave velocity</b><br><b>(km/sec)</b> | <b>depth to top of layer</b><br><b>(km)</b> |
|-------------------------------------------|---------------------------------------------|
| <b>6.2</b>                                | <b>0.0</b>                                  |
| <b>6.8</b>                                | <b>14.0</b>                                 |
| <b>8.05</b>                               | <b>34.0</b>                                 |
| <b>8.25</b>                               | <b>50.0</b>                                 |
| <b>8.5</b>                                | <b>80.0</b>                                 |

Magnitudes are calculated from the coda duration. The coda wave magnitude is estimated via the formula:

$$M_c = 0.08 + 1.63 * \log_{10}(T) + 0.0009 * D.$$

where T is the coda duration (sec) and D is the epicentral distance (km). The coefficients above were adopted at the outset of our Centre in 1980 and thus are still in use for the sake of continuity.

All available coda values are used for magnitude calculations. No station corrections are used for either travel times or magnitudes calculations. The Vp/Vs velocity ratio used in both layered models above is 1.74.

As a general policy, neither depths, nor epicenters, are fixed unless stated otherwise since this might restrict later use of the data. Consequently, some event locations might be unrealistic such as zero depth earthquakes or teleseismic locations off by 1000 km. However, the locations are based on the available data and reflect the localization procedure and the models used.

## STATIONS USED

The stations listed below are operated by the National Centre for Geophysical Research. They constitute the basic setup of the National Seismic Network of Lebanon.

However, readings from other cooperating agencies are also used in locating the events and thus more stations may appear in the event lists than in the station list; it is worth mentioning the systematic use of arrival times from the Cypriot seismic network CSS in order to constrain events corresponding to an active zone off the Lebanese shorelines.

| STATION | LATITUDE | LONGITUDE | HEIGHT (m) | NAME    | COMMENTS        |
|---------|----------|-----------|------------|---------|-----------------|
| BHL     | 3354.25N | 3539.25E  | 1000       | BHANNES | Opened May 1980 |
| HWQ     | 3416.68N | 3556.78E  | 1161       | HAWQA   | Opened Jan 2001 |
| MATL    | 3329.32N | 3519.78E  | 5          | MATARIH | Opened Nov 2000 |
| FKH     | 3414.13N | 3624.11E  | 1170       | FAKEHEH | Opened Dec 2004 |
| RCY     | 3329.08N | 3549.13E  | 1360       | RACHAYA | Opened Jun 2006 |
| DWR     | 3323.13N | 3524.08E  | 420        | DWEIR   | Scheduled 2003  |

## MACROSEISMIC DATA

Macroseismic data, if available, are included in the bulletin.

## MONTHLY EPICENTER MAPS

Maps will be found on the last page.

## ELECTRONIC PUBLICATION

This provisional bulletin is available for download in pdf format on:  
<http://www.cnrs.edu.lb/grdownload.html>

## REFERENCES

- Havskov, J. and Ottemoller, L.(2001). SEISAN: The Earthquake Analysis Software.  
-version 7.2-  
Institute of Solid Earth Physics, University of Bergen.  
<http://www.ifjff.uib.no/seismo/software/seisan.html>
- Lienert, B.R., Berg, E. and Frazer, L.N.(1986). Hypocenter: An earthquake location method using centered, scaled, and adaptively least squares. Bull. Seism. Soc. Am., 76., pp 771-783.

## Abbreviations:

TIME: Origin time in UTC (hr. min. and sec.) or data file onset time if event is not located.

LAT: Latitude of epicenter

LON: Longitude of epicenter

DEPTH: Focal depth in kilometer (trailing F indicates fixed depth)

AGENCY: GRL throughout the bulletin, aka. Geophysical Research Lebanon

MAGNITUDES: Up to 3 different magnitudes can be given followed by type and reporting agency, e.g. 3.1 MC GRL - coda magnitude calculated according to GRL standard parameters.

RMS: Root mean square value of travel time residuals

STAT: Station code

CO: Component; S:short period, L:long period, B:broadband.

DIST: Epicenter distance (km)

AZI: Azimuth from source to station

PHAS: Phase; The first letter characterizes onset E(mergent) or I(mpulsive)

P: Polarity ( C for compression, D for dilatation )

HR: Hour

MN: Minute

SECON: Seconds

TRES: Residual (seconds)

CODA: Signal duration in seconds

AMPL: Ground Amplitude ( $0.5 \times (\text{peak to peak})$ ), (nm) at period PERI

PERI: Period where amplitude is measured

BAZ: Back azimuth (station to event)

ARES: Back azimuth residual

VELO: Apparent phase velocity (km/sec)

WT: Weight of phase in the location

\*: An asterisk before the phase arrival time implies a potential timing error. If an S phase is read, differential S-P times will be used in the hypocenter location.

**June 1 2006 Hour: 8:19 0.9** **Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SZ EPg 820 8.68  
 HWQ SE ESg 820 14.79  
 BHL SN ESg 820 12.29  
 HWQ SZ EPg 820 11.48

**June 1 2006 Hour: 13:24 46.4 Lat: 34.51N Lon: 36.84E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.7 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ 50 233 IPg 1324 53.63-0.95 1.0  
 FKH SE 50 233 ISg 1324 59.78-0.82 1.0  
 HWQ SZ 86 253 EPg 1325 0.73 0.43 52 1.0  
 HWQ SN 86 253 ESg 1325 11.48 0.93 1.0  
 BHL SZ 128 239 EPg 1325 6.91-0.21 1.0  
 BHL SE 128 239 ESg 1325 21.67-0.75 1.0

**June 1 2006 Hour: 13:40 52.9 Lat: 34.17N Lon: 35.59E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.4 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SZ 30 169 EPg 1340 57.14-0.69 55 1.0  
 BHL SN 30 169 ESg 1341 1.27-0.19 1.0  
 HWQ SZ 35 70 EPg 1340 58.09-0.42 1.0  
 HWQ SN 35 70 ESg 1341 3.04 0.40 1.0  
 MATL SZ 80 198 EPg 1341 6.18 0.39 1.0

**June 1 2006 Hour: 17:12 7.1 Lat: 33.33N Lon: 35.40E Depth: 20 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 1.0 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MATL SZ 19 340 IPg 1712 11.91 0.51 46 1.0  
 BHL BZ 68 20 IPg 1712 16.31-1.84 1.0  
 BHL BN 68 20 ISg 1712 25.39-0.97 1.0  
 HWQ SZ 117 26 IPg 1712 26.38 1.09 1.0  
 HWQ SN 117 26 ISg 1712 40.00 1.22 1.0

**June 1 2006 Hour: 22:51 2.7 Tonga Islands mb=5.3 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 2251 17.25

**June 2 2006 Hour: 1:47 57.5 Tonga Islands mb=5.3 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 148 17.45

**June 2 2006 Hour: 3:45 57.4 Tonga Islands mb=5.2 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 346 29.43

**June 2 2006 Hour: 3:55 1.3 Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SZ EPg 355 48.65  
 BHL SE ESg 355 52.81  
 HWQ SE ESg 355 55.78

**June 2 2006 Hour: 7:50 0.1 Fiji Islands mb=5.9 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 750 14.59

**June 2 2006 Hour: 14:54 1.0** **Agency: REL Local**

|      |    |      |     |       |   |      |       |      |      |      |      |     |      |      |    |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
| BHL  | SZ |      |     | EPg   |   | 1454 | 23.76 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPg   |   | 1454 | 25.08 |      |      |      |      |     |      |      |    |
| BHL  | SE |      |     | ESg   |   | 1454 | 27.62 |      |      |      |      |     |      |      |    |
| HWQ  | SE |      |     | ESg   |   | 1454 | 29.99 |      |      |      |      |     |      |      |    |

**June 2 2006 Hour: 17:18 31.7** **Lat: 33.32N Lon: 35.36E Depth: 25** **Agency: REL Local**  
**Magnitudes: 3.1MC REL** **Rms: 0.8 secs**

|      |    |      |     |       |   |      |       |       |      |      |      |     |      |      |     |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
| MATL | SZ | 19   | 352 | IPg   |   | 1718 | 37.56 | 0.91  | 73   |      |      |     |      |      | 1.0 |
| BHL  | BZ | 71   | 23  | IPg   |   | 1718 | 41.94 | -1.38 |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 71   | 23  | ISg   |   | 1718 | 51.27 | -0.65 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 120  | 27  | IPg   |   | 1718 | 51.54 | 1.13  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 120  | 27  | ISg   |   | 1719 | 3.69  | -0.57 |      |      |      |     |      |      | 1.0 |
| FKH  | SZ | 140  | 43  | IPg   |   | 1718 | 53.19 | -0.25 |      |      |      |     |      |      | 1.0 |
| FKH  | SE | 140  | 43  | ISg   |   | 1719 | 10.77 | 1.24  |      |      |      |     |      |      | 1.0 |

**June 3 2006 Hour: 7:19 11.8** **Southern Iran mb=5.4** **Agency: REL Regional**

|      |    |      |     |       |   |      |       |      |      |      |      |     |      |      |    |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
| BHL  | BZ |      |     | EPn   |   | 719  | 56.06 |      |      |      |      |     |      |      |    |

**June 3 2006 Hour: 8:44 50.4** **Fiji Islands mb=5.4** **Agency: REL Distant**

|      |    |      |     |       |   |      |       |      |      |      |      |     |      |      |    |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
| BHL  | BZ |      |     | EP    |   | 844  | 59.59 |      |      |      |      |     |      |      |    |

**June 3 2006 Hour: 9:48 17.0** **Lat: 34.21N Lon: 35.41E Depth: 0** **Agency: REL Local**  
**Magnitudes: 2.6MC REL** **Rms: 0.4 secs**

|      |    |      |     |       |   |      |       |       |      |      |      |     |      |      |     |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
| BHL  | SZ | 41   | 146 | EPg   |   | 948  | 22.60 | -0.92 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 41   | 146 | ESg   |   | 948  | 28.42 | 0.05  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 50   | 81  | EPg   |   | 948  | 25.25 | 0.21  | 32   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 50   | 81  | ESg   |   | 948  | 31.07 | 0.06  |      |      |      |     |      |      | 1.0 |

**June 3 2006 Hour: 10:22 38.4** **Lat: 33.70N Lon: 37.03E Depth: 33** **Agency: REL Local**  
**Magnitudes: 3.5MC REL** **Rms: 0.6 secs**

|      |    |      |     |       |   |      |       |       |      |      |      |     |      |      |     |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
| FKH  | SZ | 83   | 316 | IPg   |   | 1022 | 52.68 | 0.51  |      |      |      |     |      |      | 1.0 |
| FKH  | SE | 83   | 316 | ISg   |   | 1023 | 2.68  | 0.35  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 119  | 303 | IPg   |   | 1022 | 57.14 | -0.10 | 106  |      |      |     |      |      | 1.0 |
| HWQ  | SN | 119  | 303 | ISg   |   | 1023 | 10.61 | -0.53 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 129  | 281 | IPg   |   | 1022 | 57.72 | -1.00 |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 129  | 281 | ISg   |   | 1023 | 13.46 | -0.26 |      |      |      |     |      |      | 1.0 |
| MATL | SZ | 159  | 262 | IPg   |   | 1023 | 3.80  | 0.79  |      |      |      |     |      |      | 1.0 |

**June 3 2006 Hour: 13:25 8.2** **Lat: 34.39N Lon: 36.83E Depth: 0** **Agency: REL Local**  
**Magnitudes: 2.9MC REL** **Rms: 0.5 secs**

|      |    |      |     |       |   |      |       |       |      |      |      |     |      |      |     |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
| FKH  | SZ | 43   | 247 | EPg   |   | 1325 | 14.61 | -0.61 | 54   |      |      |     |      |      | 1.0 |
| FKH  | SN | 43   | 247 | ESg   |   | 1325 | 19.81 | -0.58 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 83   | 262 | EPg   |   | 1325 | 21.67 | 0.11  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 83   | 262 | ESg   |   | 1325 | 31.52 | 0.09  |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 121  | 244 | EPg   |   | 1325 | 28.29 | 0.48  |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 121  | 244 | ESg   |   | 1325 | 42.82 | 0.51  |      |      |      |     |      |      | 1.0 |

**June 3 2006 Hour: 14:41 1.5** **Turkey mb=4.5** **Agency: REL Regional**

|      |    |      |     |       |   |      |       |      |      |      |      |     |      |      |    |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
| BHL  | BZ |      |     | EPn   |   | 1442 | 1.89  |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPn   |   | 1441 | 57.11 |      |      |      |      |     |      |      |    |

**June 3 2006 Hour: 15:47 35.3 Tonga Islands mb=5.3 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 1547 41.73

**June 4 2006 Hour: 1:44 33.4 Lat: 35.01N Lon: 32.82E Depth: 34 Agency: REL Regional**  
**Magnitudes: 3.4MC REL Rms: 0.1 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 ALFC SZ 26 308 IPg 144 39.90-0.10 1.0  
 MAMC SZ 40 64 IPg 144 41.60 0.12 1.0  
 PPCY SZ 46 252 IPg 144 42.20 0.07 1.0  
 CSS SZ 47 97 IPg 144 42.10-0.21 1.0  
 PHNC SZ 111 90 IPg 144 50.30 0.12 1.0  
 MATL SZ 286 126 EPn 145 10.90  
 BHL BZ 288 115 EPn 145 11.14  
 BHL SE 288 115 Sn 145 38.46  
 HWQ SZ 298 105 EPn 145 12.44 73  
 HWQ SN 298 105 Sn 145 42.61

**June 4 2006 Hour: 11:24 24.0 Lat: 33.78N Lon: 35.93E Depth:116 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.3 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ 29 298 EPg 1124 39.60-0.15 1.0  
 BHL BN 29 298 ESg 1124 51.50 0.09 1.0  
 HWQ SZ 55 1 EPg 1124 41.32 0.43 53 1.0  
 HWQ SE 55 1 ESg 1124 53.15-0.25 1.0

**June 5 2006 Hour: 5:59 23.0 Lat: 33.35N Lon: 34.73E Depth: 33 Agency: REL Local**  
**Magnitudes: 2.5MC REL Rms: 0.0 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MATL SZ 58 74 IPg 559 33.14 0.01 29 1.0  
 BHL SE 105 54 ESg 559 52.28 0.00 1.0  
 HWQ SN 152 47 ESg 6 0 4.13 0.00 1.0

**June 5 2006 Hour: 6:37 27.0 Mid Atlantic Ridge Mw=6.0 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 638 5.89

**June 5 2006 Hour: 10:43 54.7 Lat: 33.60N Lon: 36.47E Depth: 82 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.2 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SZ 83 294 EPg 1044 10.15-0.25 46 1.0  
 BHL SE 83 294 ESg 1044 22.19 0.14 1.0  
 HWQ SZ 89 328 EPg 1044 11.46 0.39 1.0  
 HWQ SE 89 328 ESg 1044 22.98-0.23 1.0

**June 5 2006 Hour: 12:24 0.3 Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ EPg 1224 55.41  
 HWQ SZ EPg 1224 59.14  
 FKH SN ESg 1224 58.86  
 HWQ SN ESg 1225 5.23

**June 5 2006 Hour: 14:47 17.9 Lat: 34.20N Lon: 35.57E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.6 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SZ 34 167 EPg 1447 22.63-0.70 42 1.0  
 BHL SN 34 167 ESg 1447 26.55-0.79 1.0  
 HWQ SZ 36 76 EPg 1447 23.79 0.15 1.0  
 HWQ SE 36 76 ESg 1447 27.98 0.10 1.0

**June 5 2006 Hour: 14:48 27.4 Lat: 33.76N Lon: 36.93E Depth: 33 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 0.1 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 108  | 302 | EPg   |   | 1448 | 44.65 | 0.06  | 58   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 108  | 302 | ESg   |   | 1448 | 57.33 | 0.02  |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 119  | 278 | EPg   |   | 1448 | 46.13 | -0.16 |      |      |      |     |      |      | 1.0 |

**June 5 2006 Hour: 16:26 23.7 Lat: 33.38N Lon: 35.34E Depth: 34 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 0.5 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MATL | SZ | 12   | 356 | EPg   |   | 1626 | 29.11 | -0.05 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 65   | 27  | IPg   |   | 1626 | 34.28 | -0.63 |      |      |      |     |      |      | 1.0 |
| BHL  | BE | 65   | 27  | ISg   |   | 1626 | 43.75 | 0.52  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 114  | 29  | IPg   |   | 1626 | 42.50 | 0.70  | 63   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 114  | 29  | ISg   |   | 1626 | 54.68 | -0.54 |      |      |      |     |      |      | 1.0 |

**June 5 2006 Hour: 17:21 15.4 Lat: 34.19N Lon: 35.52E Depth: 25 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.6 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 34   | 159 | EPg   |   | 1721 | 21.69 | -0.25 | 57   |      |      |     |      |      | 1.0 |
| BHL  | SE | 34   | 159 | ESg   |   | 1721 | 26.23 | -0.59 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 40   | 75  | EPg   |   | 1721 | 23.15 | 0.35  |      |      |      |     |      |      | 1.0 |
| HWQ  | SN | 40   | 75  | ESg   |   | 1721 | 29.04 | 0.74  |      |      |      |     |      |      | 1.0 |
| FKH  | SZ | 81   | 86  | EPg   |   | 1721 | 28.14 | -0.33 |      |      |      |     |      |      | 1.0 |
| FKH  | SE | 81   | 86  | ESg   |   | 1721 | 37.68 | -0.49 |      |      |      |     |      |      | 1.0 |

**June 5 2006 Hour: 21:46 25.0 Lat: 33.88N Lon: 35.38E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.2 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 26   | 84  | IPg   |   | 2146 | 28.78 | -0.38 |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 26   | 84  | ISg   |   | 2146 | 32.27 | 0.03  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 69   | 50  | IPg   |   | 2146 | 36.00 | -0.08 | 51   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 69   | 50  | ISg   |   | 2146 | 44.51 | 0.24  |      |      |      |     |      |      | 1.0 |

**June 6 2006 Hour: 13:43 56.6 Lat: 34.45N Lon: 36.01E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.5 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 20   | 197 | EPg   |   | 1343 | 59.13 | -0.61 | 49   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 20   | 197 | ESg   |   | 1344 | 1.32  | -0.77 |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 69   | 209 | EPg   |   | 1344 | 7.98  | 0.35  |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 69   | 209 | ESg   |   | 1344 | 15.90 | 0.09  |      |      |      |     |      |      | 1.0 |

**June 6 2006 Hour: 14:51 37.3 Lat: 34.15N Lon: 35.57E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 29   | 165 | EPg   |   | 1451 | 41.52 | -0.47 | 44   |      |      |     |      |      | 1.0 |
| BHL  | SN | 29   | 165 | ESg   |   | 1451 | 45.19 | -0.25 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 37   | 68  | EPg   |   | 1451 | 43.48 | 0.17  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 37   | 68  | ESg   |   | 1451 | 47.74 | 0.01  |      |      |      |     |      |      | 1.0 |

**June 6 2006 Hour: 17: 4 30.4 Iran-Iraq Border mb=5.0 Agency: REL Regional**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| FKH  | SZ |      |     | EPn   |   | 17 5 | 2.79  |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPn   |   | 17 5 | 8.23  |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EPn   |   | 17 5 | 14.18 |      |      |      |      |     |      |      |    |

**June 7 2006 Hour: 1:39 1.3 Lat: 34.09N Lon: 35.57E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 22   | 158 | IPg   |   | 139  | 4.36  | -0.47 |      |      |      |     |      |      | 1.0 |
| BHL  | BE | 22   | 158 | ISg   |   | 139  | 7.21  | -0.21 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 41   | 58  | IPg   |   | 139  | 7.75  | -0.19 | 48   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 41   | 58  | ISg   |   | 139  | 13.08 | 0.26  |      |      |      |     |      |      | 1.0 |

**June 7 2006 Hour: 9:6 46.8 Lat: 33.76N Lon: 35.41E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.4 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 28   | 55  | IPg   |   | 9 6  | 51.31 | -0.05 | 44   |      |      |     |      |      | 1.0 |
| BHL  | BE | 28   | 55  | ISg   |   | 9 6  | 54.65 | -0.07 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 76   | 41  | EPg   |   | 9 6  | 59.69 | 0.56  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 76   | 41  | ESg   |   | 9 7  | 8.03  | -0.21 |      |      |      |     |      |      | 1.0 |

**June 7 2006 Hour: 9:53 16.4 Lat: 33.86N Lon: 35.54E Depth: 16 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 0.7 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 12   | 65  | IPg   |   | 953  | 19.06 | -0.70 |      |      |      |     |      |      | 1.0 |
| BHL  | BE | 12   | 65  | ISg   |   | 953  | 22.50 | 0.29  |      |      |      |     |      |      | 1.0 |
| MATL | SZ | 45   | 205 | IPg   |   | 953  | 24.87 | 0.80  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 60   | 39  | IPg   |   | 953  | 25.78 | -0.47 | 69   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 60   | 39  | ISg   |   | 953  | 34.22 | 0.71  |      |      |      |     |      |      | 1.0 |

**June 7 2006 Hour: 13:46 0.0 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| HWQ  | SZ |      |     | EPg   |   | 1347 | 15.70 |      |      |      |      |     |      |      |    |
| HWQ  | SN |      |     | ESg   |   | 1347 | 25.90 |      |      |      |      |     |      |      |    |
| BHL  | SZ |      |     | EPg   |   | 1347 | 20.97 |      |      |      |      |     |      |      |    |
| BHL  | SN |      |     | ESg   |   | 1347 | 37.64 |      |      |      |      |     |      |      |    |

**June 7 2006 Hour: 14:56 0.3 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | SZ |      |     | EPg   |   | 1456 | 37.99 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPg   |   | 1456 | 39.99 |      |      |      |      |     |      |      |    |
| BHL  | SN |      |     | ESg   |   | 1456 | 42.98 |      |      |      |      |     |      |      |    |
| HWQ  | SN |      |     | ESg   |   | 1456 | 46.20 |      |      |      |      |     |      |      |    |

**June 7 2006 Hour: 16:37 18.4 Lat: 33.63N Lon: 35.90E Depth: 13 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.7 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 38   | 322 | IPg   |   | 1637 | 23.25 | -1.70 |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 38   | 322 | ISg   |   | 1637 | 30.26 | 0.44  |      |      |      |     |      |      | 1.0 |
| MATL | SZ | 56   | 253 | EPg   |   | 1637 | 28.24 | 0.60  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 72   | 3   | EPg   |   | 1637 | 30.59 | 0.41  | 48   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 72   | 3   | ESg   |   | 1637 | 39.19 | 0.28  |      |      |      |     |      |      | 1.0 |

**June 7 2006 Hour: 17:29 54.0 Lat: 34.19N Lon: 35.50E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 34   | 155 | IPg   |   | 1729 | 59.34 | -0.22 | 34   |      |      |     |      |      | 1.0 |
| BHL  | SN | 34   | 155 | ISg   |   | 1730 | 3.30  | -0.36 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 43   | 76  | IPg   |   | 1730 | 0.80  | -0.11 |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 43   | 76  | ISg   |   | 1730 | 6.23  | 0.21  |      |      |      |     |      |      | 1.0 |

**June 8 2006 Hour: 13:28 48.6 Lat: 33.38N Lon: 35.35E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.7MC REL Rms: 0.7 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MATL | SZ | 12   | 349 | EPg   |   | 1328 | 50.47 | -0.03 | 39   |      |      |     |      |      | 1.0 |
| RCY  | SZ | 45   | 75  | EPg   |   | 1328 | 54.44 | -1.34 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 45   | 75  | ESg   |   | 1329 | 0.70  | -0.41 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 113  | 29  | EPg   |   | 1329 | 6.86  | -0.01 |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 113  | 29  | ESg   |   | 1329 | 21.34 | 0.94  |      |      |      |     |      |      | 1.0 |

**June 8 2006 Hour: 15:0 26.5** **Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ EP 15 0 55.66  
 RCY SN ES 15 0 58.90

**June 8 2006 Hour: 15:17 49.5** **Fiji Islands mb=5.0** **Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ EP 1518 18.22  
 BHL BZ EP 1518 17.62

**June 8 2006 Hour: 17:14 31.8** **Lat: 34.16N Lon: 35.56E Depth: 0** **Agency: REL Local**  
**Magnitudes: 2.7MC REL** **Rms: 0.6 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SZ 30 164 EPg 1714 35.80-0.88 1.0  
 BHL SN 30 164 ESg 1714 39.68-0.59 1.0  
 HWQ SZ 37 70 EPg 1714 38.00 0.13 36 1.0  
 HWQ SE 37 70 ESg 1714 42.48 0.15 1.0

**June 9 2006 Hour: 4:5 8.2** **Lat: 34.22N Lon: 35.41E Depth:104** **Agency: REL Local**  
**Magnitudes: 2.8MC REL** **Rms: 0.1 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SZ 42 147 IPg 4 5 22.88-0.19 38 1.0  
 HWQ SZ 50 83 IPg 4 5 23.63 0.11 1.0  
 MATL SZ 82 185 IPg 4 5 25.61 0.11 1.0  
 RCY SZ 90 155 IPg 4 5 26.32-0.06 1.0  
 RCY SN 90 155 ISg 4 5 39.86 0.03 1.0

**June 9 2006 Hour: 6:16 34.6** **Fiji Islands Mw=6.1** **Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ EP 617 3.31  
 BHL BZ EP 617 2.26

**June 9 2006 Hour: 9:31 52.1** **Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ EP 932 4.51  
 RCY SN ES 932 9.06

**June 9 2006 Hour: 15:5 34.7** **Lat: 34.12N Lon: 35.59E Depth: 0** **Agency: REL Local**  
**Magnitudes: 3.0MC REL** **Rms: 0.5 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ 25 166 EPg 15 5 37.88-0.89 1.0  
 BHL BN 25 166 ESg 15 5 41.78 0.04 1.0  
 HWQ SZ 37 62 EPg 15 5 41.25 0.51 56 1.0  
 HWQ SE 37 62 ESg 15 5 44.97-0.20 1.0

**June 9 2006 Hour: 18:0 4.8** **Turkey Mw=4.2** **Agency: REL Regional**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 HWQ SZ EPn 18 3 10.04  
 RCY SZ EPn 18 3 14.24  
 BHL BZ EPn 18 3 17.94

**June 9 2006 Hour: 23:28 57.2** **Prince Edward Islands Mw=5.9** **Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 2329 42.24

**June 9 2006 Hour: 23:33 43.0** **Lat: 34.12N Lon: 35.57E Depth: 0** **Agency: REL Local**  
**Magnitudes: 2.7MC REL** **Rms: 0.4 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SZ 25 161 EPg 2333 46.28-0.82 38 1.0  
 BHL SE 25 161 ESg 2333 50.08-0.02 1.0  
 HWQ SZ 39 63 EPg 2333 49.68 0.30 1.0  
 HWQ SN 39 63 ESg 2333 54.03-0.04 1.0

**June 10 2006 Hour: 9:23 50.4 Lat: 33.34N Lon: 35.33E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.5 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MATL | SZ | 17   | 1   | EPg   |   | 923  | 52.95 | -0.07 | 54   |      |      |     |      |      | 1.0 |
| RCY  | SZ | 49   | 71  | EPg   |   | 923  | 57.04 | -1.15 |      |      |      |     |      |      | 1.0 |
| RCY  | SE | 49   | 71  | ESg   |   | 924  | 3.70  | -0.29 |      |      |      |     |      |      | 1.0 |
| BHL  | SN | 70   | 26  | ESg   |   | 924  | 9.87  | -0.02 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 119  | 29  | EPg   |   | 924  | 9.81  | 0.28  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 119  | 29  | ESg   |   | 924  | 24.31 | 0.59  |      |      |      |     |      |      | 1.0 |

**June 10 2006 Hour: 9:54 45.9 Lat: 34.15N Lon: 35.54E Depth: 10 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.1 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 29   | 159 | EPg   |   | 954  | 50.96 | 0.09  |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 29   | 159 | ESg   |   | 954  | 54.52 | -0.05 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 40   | 68  | EPg   |   | 954  | 52.51 | -0.09 | 32   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 40   | 68  | ESg   |   | 954  | 57.62 | 0.05  |      |      |      |     |      |      | 1.0 |

**June 10 2006 Hour: 11:3 14.8 Lat: 33.57N Lon: 36.50E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.7 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 64   | 261 | EPg   |   | 11 3 | 23.85 | -1.24 | 46   |      |      |     |      |      | 1.0 |
| RCY  | SE | 64   | 261 | ESg   |   | 11 3 | 32.39 | -0.31 |      |      |      |     |      |      | 1.0 |
| BHL  | SN | 86   | 295 | ESg   |   | 11 3 | 38.54 | -0.49 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 93   | 327 | EPg   |   | 11 3 | 30.06 | 0.20  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 93   | 327 | ESg   |   | 11 3 | 41.62 | 0.62  |      |      |      |     |      |      | 1.0 |

**June 10 2006 Hour: 11:4 55.2 Lat: 33.61N Lon: 36.32E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.5MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 48   | 254 | EPg   |   | 11 5 | 3.00  | 0.00  | 30   |      |      |     |      |      | 1.0 |
| RCY  | SE | 48   | 254 | ESg   |   | 11 5 | 8.52  | -0.23 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 70   | 299 | ESg   |   | 11 5 | 15.18 | 0.38  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 82   | 335 | EPg   |   | 11 5 | 8.74  | 0.28  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 82   | 335 | ESg   |   | 11 5 | 17.83 | -0.43 |      |      |      |     |      |      | 1.0 |

**June 10 2006 Hour: 14:21 9.8 Lat: 33.80N Lon: 35.80E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 1.1 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 18   | 312 | IPg   |   | 1421 | 11.33 | -1.35 |      |      |      |     |      |      | 1.0 |
| BHL  | BE | 18   | 312 | ISg   |   | 1421 | 14.72 | -0.10 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 35   | 177 | IPg   |   | 1421 | 13.86 | -1.52 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 35   | 177 | ESg   |   | 1421 | 19.46 | -0.06 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 55   | 14  | IPg   |   | 1421 | 17.78 | -0.88 | 51   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 55   | 14  | ISg   |   | 1421 | 26.78 | 1.55  |      |      |      |     |      |      | 1.0 |
| MATL | SZ | 55   | 232 | EPg   |   | 1421 | 20.26 | 1.54  |      |      |      |     |      |      | 1.0 |

**June 10 2006 Hour: 20:59 51.7 Lat: 35.28N Lon: 37.20E Depth: 14 Agency: REL Local**  
**Magnitudes: 3.3MC REL Rms: 0.2 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| FKH  | SZ | 137  | 212 | EPg   |   | 21 0 | 13.01 | 0.17  | 81   |      |      |     |      |      | 1.0 |
| FKH  | SE | 137  | 212 | ESg   |   | 21 0 | 28.34 | -0.17 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 160  | 226 | EPg   |   | 21 0 | 16.05 | -0.12 |      |      |      |     |      |      | 1.0 |
| HWQ  | SN | 160  | 226 | ESg   |   | 21 0 | 34.11 | -0.20 |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 208  | 223 | EPg   |   | 21 0 | 23.25 | -0.05 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 208  | 223 | ESg   |   | 21 0 | 47.09 | 0.37  |      |      |      |     |      |      | 1.0 |

**June 11 2006 Hour: 6:4 0.9 Fiji Islands mb=5.2 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ EP 6 4 29.08  
 BHL BZ EP 6 4 30.70

**June 11 2006 Hour: 9:54 32.0 Lat: 34.50N Lon: 36.81E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 0.7 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ 48 232 EPg 954 38.66-1.06 1.0  
 FKH SN 48 232 ESg 954 44.13-1.27 1.0  
 HWQ SZ 83 253 EPg 954 45.91 0.47 65 1.0  
 HWQ SN 83 253 ESg 954 55.26-0.10 1.0  
 BHL SZ 125 238 EPg 954 52.88 0.63 1.0  
 BHL SN 125 238 ESg 955 7.84 0.64 1.0  
 RCY SZ 145 219 EPg 954 55.04-0.40 1.0  
 RCY SE 145 219 ESg 955 13.58 0.82 1.0

**June 11 2006 Hour: 9:59 9.4 Lat: 33.09N Lon: 35.94E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.6 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ 45 346 IPg 959 15.79-0.83 45 1.0  
 RCY SN 45 346 ISg 959 21.37-0.60 1.0  
 BHL SZ 94 344 EPg 959 25.76 1.25 1.0  
 BHL SN 94 344 ESg 959 35.59-0.10 1.0  
 HWQ SZ 131 0 EPg 959 30.39-0.19 1.0  
 HWQ SN 131 0 ESg 959 46.78 0.51 1.0

**June 11 2006 Hour: 12:40 1.3 Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 HWQ SZ EPg 1241 30.12  
 BHL BZ EPg 1241 39.21  
 HWQ SE ESg 1241 36.84  
 BHL SN ESg 1241 54.95

**June 11 2006 Hour: 20:0 21.3 Kyushu Japan Mw=6.3 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ EP 2012 57.23  
 BHL BZ EP 2013 0.48  
 RCY SZ EP 2013 1.66

**June 12 2006 Hour: 1:3 53.8 Lat: 35.30N Lon: 36.65E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 0.2 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ 120 191 EP 1 4 13.37 0.12 62 1.0  
 FKH SN 120 191 ES 1 4 27.56-0.05 1.0  
 HWQ SZ 130 210 EP 1 4 14.67-0.20 1.0  
 HWQ SN 130 210 ES 1 4 30.19-0.24 1.0  
 BHL SE 180 211 ES 1 4 43.53 0.36 1.0

**June 12 2006 Hour: 2:4 1.0 Central Med Sea ML=4.0 Agency: REL Regional**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 HWQ SZ EPn 2 4 37.21  
 RCY SZ EPn 2 4 35.60

**June 12 2006 Hour: 4:54 30.7 Lat: 34.25N Lon: 35.29E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.5MC REL Rms: 0.2 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SE 51 139 ESg 454 44.86-0.16 1.0  
 HWQ SZ 60 87 EPg 454 40.14-0.25 29 1.0  
 HWQ SN 60 87 ESg 454 47.75 0.18 1.0  
 RCY SZ 98 150 EPg 454 46.74 0.22 1.0  
 RCY SN 98 150 ESg 454 58.25 0.02 1.0

**June 12 2006 Hour: 10:14 25.5 Lat: 33.82N Lon: 36.73E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.5 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 88   | 305 | EPg   |   | 1014 | 39.25 | -0.41 | 56   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 88   | 305 | ESg   |   | 1014 | 50.94 | 0.77  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 92   | 246 | EPg   |   | 1014 | 40.29 | -0.02 |      |      |      |     |      |      | 1.0 |
| RCY  | SE | 92   | 246 | ESg   |   | 1014 | 51.02 | -0.29 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 100  | 276 | ESg   |   | 1014 | 52.74 | -0.69 |      |      |      |     |      |      | 1.0 |

**June 12 2006 Hour: 10:48 37.5 Lat: 33.42N Lon: 36.40E Depth: 40 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.2 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 55   | 278 | EPg   |   | 1048 | 48.10 | 0.39  |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 55   | 278 | ESg   |   | 1048 | 55.03 | -0.23 |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 88   | 308 | EPg   |   | 1048 | 51.37 | -0.24 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 88   | 308 | ESg   |   | 1049 | 2.19  | 0.14  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 104  | 336 | EPg   |   | 1048 | 53.48 | -0.15 | 44   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 104  | 336 | ESg   |   | 1049 | 5.64  | 0.09  |      |      |      |     |      |      | 1.0 |

**June 12 2006 Hour: 10:49 43.9 Lat: 33.52N Lon: 36.66E Depth: 15 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.2 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 78   | 268 | EPg   |   | 1049 | 56.54 | 0.10  | 34   |      |      |     |      |      | 1.0 |
| RCY  | SN | 78   | 268 | ESg   |   | 1050 | 5.47  | -0.24 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 103  | 295 | ESg   |   | 1050 | 12.24 | 0.33  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 107  | 322 | ESg   |   | 1050 | 12.89 | -0.19 |      |      |      |     |      |      | 1.0 |

**June 12 2006 Hour: 15:12 36.6 Lat: 34.18N Lon: 35.49E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 34   | 153 | EPg   |   | 1512 | 41.73 | -0.33 | 43   |      |      |     |      |      | 1.0 |
| BHL  | SE | 34   | 153 | ESg   |   | 1512 | 45.78 | -0.34 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 44   | 75  | EPg   |   | 1512 | 43.57 | -0.05 |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 44   | 75  | ESg   |   | 1512 | 49.02 | 0.20  |      |      |      |     |      |      | 1.0 |

**June 12 2006 Hour: 17:45 33.2 Lat: 34.18N Lon: 35.53E Depth: 11 Agency: REL Local**  
**Magnitudes: 2.7MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 33   | 160 | IPg   |   | 1745 | 39.06 | 0.17  |      |      |      |     |      |      | 1.0 |
| BHL  | SN | 33   | 160 | ESg   |   | 1745 | 42.97 | -0.09 |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 33   | 160 | ISg   |   | 1745 | 42.98 | -0.08 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 40   | 74  | IPg   |   | 1745 | 39.95 | 0.01  | 36   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 40   | 74  | ESg   |   | 1745 | 45.04 | 0.15  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 82   | 161 | IPg   |   | 1745 | 46.04 | -0.54 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 82   | 161 | ESg   |   | 1745 | 56.18 | -0.26 |      |      |      |     |      |      | 1.0 |

**June 13 2006 Hour: 6:57 1.5 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| RCY  | SZ |      |     | EP    |   | 657  | 37.93 |      |      |      |      |     |      |      |    |
| RCY  | SN |      |     | ES    |   | 657  | 41.02 |      |      |      |      |     |      |      |    |

**June 13 2006 Hour: 14:44 23.4 Lat: 34.17N Lon: 35.48E Depth: 13 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 34   | 151 | IPg   |   | 1444 | 30.01 | 0.60  | 56   |      |      |     |      |      | 1.0 |
| BHL  | BN | 34   | 151 | ISg   |   | 1444 | 33.79 | -0.03 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 45   | 75  | IPg   |   | 1444 | 30.85 | -0.20 |      |      |      |     |      |      | 1.0 |
| HWQ  | SN | 45   | 75  | ISg   |   | 1444 | 36.78 | 0.10  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 83   | 157 | IPg   |   | 1444 | 36.54 | -0.44 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 83   | 157 | ISg   |   | 1444 | 46.88 | -0.13 |      |      |      |     |      |      | 1.0 |

**June 14 2006 Hour: 0:24 41.1 Sumatra mb=5.2 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 024 44.45

**June 14 2006 Hour: 4:30 36.9 Rat Islands Mw=6.3 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 431 40.25

**June 14 2006 Hour: 5:42 58.5 Lat: 33.71N Lon: 35.57E Depth: 21 Agency: REL Local**  
**Magnitudes: 2.5MC REL Rms: 1.0 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ 33 137 EPg 543 6.16 1.39 29 1.0  
 RCY SN 33 137 ESg 543 9.48 0.04 1.0  
 HWQ SZ 72 28 EPg 543 10.57 0.39 1.0  
 HWQ SE 72 28 ESg 543 17.91-0.94 1.0

**June 14 2006 Hour: 7:19 18.6 Lat: 33.26N Lon: 35.49E Depth: 22 Agency: REL Local**  
**Magnitudes: 2.5MC REL Rms: 0.5 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MATL SZ 30 330 EPg 719 24.21-0.20 1.0  
 RCY SZ 40 51 EPg 719 25.68-0.19 27 1.0  
 RCY SN 40 51 ESg 719 30.57-0.67 1.0  
 HWQ SE 121 21 ESg 719 52.11 0.69 1.0

**June 14 2006 Hour: 11:13 14.5 Lat: 33.50N Lon: 36.52E Depth: 14 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.1 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ 66 269 EPg 1113 25.24 0.04 31 1.0  
 RCY SE 66 269 ESg 1113 33.02-0.08 1.0  
 BHL SE 92 299 ESg 1113 39.99 0.10 1.0  
 HWQ SE 102 328 ESg 1113 42.21-0.06 1.0

**June 14 2006 Hour: 14:57 10.8 Lat: 34.19N Lon: 35.54E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.1 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ 33 161 EPg 1457 16.02-0.13 1.0  
 BHL BN 33 161 ESg 1457 19.99-0.09 1.0  
 BHL SN 33 161 ESg 1457 19.99-0.09 1.0  
 HWQ SZ 39 75 EPg 1457 17.12-0.02 44 1.0  
 HWQ SE 39 75 ESg 1457 21.88 0.07 1.0

**June 15 2006 Hour: 6:58 0.8 Mongolia mb=5.7 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ EP 658 28.56  
 BHL BZ EP 658 27.34

**June 15 2006 Hour: 7:50 16.9 Lat: 33.23N Lon: 35.59E Depth: 29 Agency: REL Local**  
**Magnitudes: 2.3MC REL Rms: 0.0 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ 35 38 EPg 750 24.06 0.00 22 1.0  
 RCY SE 35 38 ESg 750 29.38 0.00 1.0  
 MATL SZ 37 320 EPg 750 24.14 0.00 1.0

**June 15 2006 Hour: 10: 4 23.2 Lat: 33.51N Lon: 36.53E Depth: 14 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.1 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ 66 268 EPg 10 4 34.00 0.07 32 1.0  
 RCY SE 66 268 ESg 10 4 41.71-0.14 1.0  
 BHL SE 92 299 ESg 10 4 48.74 0.19 1.0  
 HWQ SN 101 328 ESg 10 4 50.74-0.11 1.0

**June 15 2006 Hour: 10:22 36.8 Lat: 33.81N Lon: 35.76E Depth: 10 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 0.5 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 14   | 315 | IPg   |   | 1022 | 39.67 | -0.17 | 67   |      |      |     |      |      | 1.0 |
| RCY  | SZ | 37   | 172 | IPg   |   | 1022 | 42.27 | -0.83 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 37   | 172 | ISg   |   | 1022 | 48.20 | 0.48  |      |      |      |     |      |      | 1.0 |
| MATL | SZ | 54   | 228 | IPg   |   | 1022 | 45.97 | 0.24  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 54   | 18  | IPg   |   | 1022 | 46.09 | 0.28  |      |      |      |     |      |      | 1.0 |

**June 15 2006 Hour: 10:23 45.8 Lat: 33.63N Lon: 36.47E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.5MC REL Rms: 0.7 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 63   | 255 | EPg   |   | 1023 | 57.15 | 1.16  | 30   |      |      |     |      |      | 1.0 |
| RCY  | SE | 63   | 255 | ESg   |   | 1024 | 2.79  | -0.72 |      |      |      |     |      |      | 1.0 |
| BHL  | SN | 82   | 292 | ESg   |   | 1024 | 9.41  | 0.65  |      |      |      |     |      |      | 1.0 |
| HWQ  | SN | 87   | 326 | ESg   |   | 1024 | 9.63  | -0.51 |      |      |      |     |      |      | 1.0 |

**June 15 2006 Hour: 10:38 59.6 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | SZ |      |     | EPg   |   | 1039 | 59.62 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPg   |   | 1040 | 0.60  |      |      |      |      |     |      |      |    |
| BHL  | SE |      |     | ESg   |   | 1040 | 4.00  |      |      |      |      |     |      |      |    |
| HWQ  | SN |      |     | ESg   |   | 1040 | 5.60  |      |      |      |      |     |      |      |    |

**June 15 2006 Hour: 10:54 29.0 Lat: 33.59N Lon: 36.60E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.5 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 74   | 261 | EPg   |   | 1054 | 40.56 | -0.31 | 32   |      |      |     |      |      | 1.0 |
| RCY  | SE | 74   | 261 | ESg   |   | 1054 | 48.81 | -0.84 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 94   | 292 | ESg   |   | 1054 | 55.77 | 0.25  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 98   | 322 | ESg   |   | 1054 | 56.51 | 0.12  |      |      |      |     |      |      | 1.0 |

**June 15 2006 Hour: 10:55 23.7 Lat: 33.55N Lon: 36.53E Depth: 15 Agency: REL Local**  
**Magnitudes: 2.7MC REL Rms: 0.5 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 66   | 264 | EPg   |   | 1055 | 34.67 | 0.25  | 39   |      |      |     |      |      | 1.0 |
| RCY  | SE | 66   | 264 | ESg   |   | 1055 | 41.85 | -0.51 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 90   | 296 | ESg   |   | 1055 | 49.03 | 0.63  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 97   | 327 | ESg   |   | 1055 | 49.86 | -0.38 |      |      |      |     |      |      | 1.0 |

**June 15 2006 Hour: 11:30 12.9 Lat: 33.63N Lon: 36.59E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 1.2 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 73   | 258 | EPg   |   | 1130 | 23.42 | -1.28 | 66   |      |      |     |      |      | 1.0 |
| RCY  | SN | 73   | 258 | ESg   |   | 1130 | 31.78 | -1.63 |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 92   | 290 | EPg   |   | 1130 | 26.96 | -0.78 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 92   | 290 | ESg   |   | 1130 | 38.98 | 0.30  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 94   | 321 | EPg   |   | 1130 | 29.01 | 0.98  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 94   | 321 | ESg   |   | 1130 | 39.43 | 0.24  |      |      |      |     |      |      | 1.0 |

**June 15 2006 Hour: 11:53 38.3 Lat: 34.72N Lon: 35.70E Depth: 33 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.0 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 54   | 155 | EPg   |   | 1153 | 48.21 | 0.00  | 49   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 54   | 155 | ESg   |   | 1153 | 55.53 | 0.00  |      |      |      |     |      |      | 1.0 |
| BHL  | SN | 91   | 183 | ESg   |   | 1154 | 4.14  | -0.02 |      |      |      |     |      |      | 1.0 |

**June 15 2006 Hour: 16:18 45.2 Lat: 34.18N Lon: 35.58E Depth: 28 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.1 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 31   | 167 | IPg   |   | 1618 | 51.73 | 0.00  | 62   |      |      |     |      |      | 1.0 |
| BHL  | SE | 31   | 167 | ISg   |   | 1618 | 56.58 | 0.00  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 36   | 71  | IPg   |   | 1618 | 52.20 | -0.11 |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 36   | 71  | ISg   |   | 1618 | 57.66 | 0.07  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 80   | 164 | IPg   |   | 1618 | 58.34 | 0.11  |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 80   | 164 | ISg   |   | 1619 | 7.82  | -0.07 |      |      |      |     |      |      | 1.0 |

**June 16 2006 Hour: 3: 8 32.6 Minahassa Peninsula Mw=5.6 Agency: REL Distant**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EP    |   | 3 8  | 57.28 |      |      |      |      |     |      |      |    |

**June 16 2006 Hour: 14:47 33.8 Lat: 34.12N Lon: 35.63E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.6 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 24   | 175 | IPg   |   | 1447 | 37.68 | -0.06 | 46   |      |      |     |      |      | 1.0 |
| BHL  | SN | 24   | 175 | ISg   |   | 1447 | 40.44 | -0.20 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 34   | 59  | IPg   |   | 1447 | 38.32 | -0.97 |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 34   | 59  | ISg   |   | 1447 | 43.88 | 0.54  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 73   | 166 | IPg   |   | 1447 | 46.53 | 0.96  |      |      |      |     |      |      | 1.0 |
| RCY  | SE | 73   | 166 | ISg   |   | 1447 | 53.87 | -0.40 |      |      |      |     |      |      | 1.0 |

**June 16 2006 Hour: 18:40 15.9 Sea of Okhotsk mb=5.5 Agency: REL Distant**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| FKH  | SZ |      |     | EP    |   | 1840 | 42.95 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 1840 | 45.54 |      |      |      |      |     |      |      |    |

**June 17 2006 Hour: 2:15 22.3 Lat: 32.98N Lon: 35.60E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 1.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 60   | 20  | IPg   |   | 215  | 31.15 | -0.84 | 61   |      |      |     |      |      | 1.0 |
| RCY  | SN | 60   | 20  | ISg   |   | 215  | 38.20 | -0.95 |      |      |      |     |      |      | 1.0 |
| MATL | SZ | 62   | 336 | IPg   |   | 215  | 31.48 | -0.88 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 103  | 3   | ISg   |   | 215  | 51.93 | 0.69  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 148  | 12  | IPg   |   | 215  | 49.14 | 2.96  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 148  | 12  | ISg   |   | 216  | 4.50  | 0.67  |      |      |      |     |      |      | 1.0 |

**June 17 2006 Hour: 2:29 56.4 Lat: 34.65N Lon: 35.92E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 1.0 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 42   | 177 | EPg   |   | 230  | 1.77  | -1.34 | 52   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 42   | 177 | ESg   |   | 230  | 7.05  | -1.04 |      |      |      |     |      |      | 1.0 |
| FKH  | SZ | 64   | 136 | EPg   |   | 230  | 7.45  | 0.76  |      |      |      |     |      |      | 1.0 |
| FKH  | SE | 64   | 136 | ESg   |   | 230  | 14.60 | 0.27  |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 87   | 197 | ESg   |   | 230  | 22.07 | 1.35  |      |      |      |     |      |      | 1.0 |

**June 17 2006 Hour: 9:46 46.3 Lat: 33.22N Lon: 35.64E Depth: 28 Agency: REL Local**  
**Magnitudes: 2.4MC REL Rms: 0.1 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 34   | 30  | EPg   |   | 946  | 53.47 | 0.18  | 24   |      |      |     |      |      | 1.0 |
| RCY  | SE | 34   | 30  | ESg   |   | 946  | 58.39 | -0.10 |      |      |      |     |      |      | 1.0 |
| MATL | SZ | 42   | 316 | EPg   |   | 946  | 54.04 | 0.00  |      |      |      |     |      |      | 1.0 |

**June 17 2006 Hour: 9:48 13.7 Lat: 34.25N Lon: 35.47E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 42   | 156 | EPg   |   | 948  | 20.11 | -0.31 | 35   |      |      |     |      |      | 1.0 |
| BHL  | SE | 42   | 156 | ESg   |   | 948  | 25.16 | -0.25 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 44   | 86  | EPg   |   | 948  | 20.82 | 0.10  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 44   | 86  | ESg   |   | 948  | 25.99 | 0.06  |      |      |      |     |      |      | 1.0 |

**June 17 2006 Hour: 10:44 15.4 Lat: 34.67N Lon: 36.77E Depth: 22 Agency: REL Local**  
**Magnitudes: 3.3MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 87   | 240 | EPg   |   | 1044 | 29.76 | 0.42  | 88   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 87   | 240 | ESg   |   | 1044 | 39.49 | -0.15 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 133  | 231 | EPg   |   | 1044 | 36.00 | -0.06 |      |      |      |     |      |      | 1.0 |
| BHL  | BE | 133  | 231 | ESg   |   | 1044 | 51.25 | -0.07 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 158  | 214 | EPg   |   | 1044 | 39.18 | -0.54 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 158  | 214 | ESg   |   | 1044 | 57.63 | -0.08 |      |      |      |     |      |      | 1.0 |

**June 17 2006 Hour: 11:14 29.1 Lat: 33.58N Lon: 36.56E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.7 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 70   | 261 | EPg   |   | 1114 | 40.16 | -0.19 | 54   |      |      |     |      |      | 1.0 |
| RCY  | SN | 70   | 261 | ESg   |   | 1114 | 48.07 | -0.59 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 91   | 293 | EPg   |   | 1114 | 42.79 | -1.04 |      |      |      |     |      |      | 1.0 |
| BHL  | BE | 91   | 293 | ESg   |   | 1114 | 54.19 | -0.53 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 96   | 324 | EPg   |   | 1114 | 44.53 | -0.05 |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 96   | 324 | ESg   |   | 1114 | 57.15 | 1.13  |      |      |      |     |      |      | 1.0 |

**June 17 2006 Hour: 12:14 22.8 Crete mb=4.5 Agency: REL Regional**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| RCY  | SZ |      |     | EPn   |   | 1216 | 5.76  |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPn   |   | 1216 | 7.33  |      |      |      |      |     |      |      |    |

**June 17 2006 Hour: 13: 1 1.6 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| RCY  | SZ |      |     | EPg   |   | 13 2 | 13.32 |      |      |      |      |     |      |      |    |
| RCY  | SN |      |     | ESg   |   | 13 2 | 29.46 |      |      |      |      |     |      |      |    |

**June 17 2006 Hour: 15: 1 29.7 Lat: 33.38N Lon: 36.02E Depth: 17 Agency: REL Local**  
**Magnitudes: 2.4MC REL Rms: 0.0 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 23   | 303 | EPg   |   | 15 1 | 34.39 | -0.02 | 25   |      |      |     |      |      | 1.0 |
| RCY  | SN | 23   | 303 | ESg   |   | 15 1 | 37.90 | 0.01  |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 68   | 330 | ESg   |   | 15 1 | 48.89 | 0.00  |      |      |      |     |      |      | 1.0 |

**June 17 2006 Hour: 20:57 49.4 Lat: 33.86N Lon: 35.32E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.3MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 32   | 82  | IPg   |   | 2057 | 54.65 | 0.11  | 23   |      |      |     |      |      | 1.0 |
| BHL  | BE | 32   | 82  | ISg   |   | 2057 | 58.00 | -0.30 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 74   | 52  | EPg   |   | 2058 | 1.29  | -0.10 |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 74   | 52  | ESg   |   | 2058 | 10.53 | 0.29  |      |      |      |     |      |      | 1.0 |

**June 18 2006 Hour: 1:22 59.3 Lat: 33.69N Lon: 35.56E Depth: 65 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.2 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 25   | 21  | EPg   |   | 123  | 9.53  | 0.37  |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 25   | 21  | ESg   |   | 123  | 16.25 | -0.21 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 75   | 29  | EPg   |   | 123  | 12.80 | -0.25 | 55   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 75   | 29  | ESg   |   | 123  | 23.39 | 0.15  |      |      |      |     |      |      | 1.0 |

**June 18 2006 Hour: 6:34 13.8 Lat: 33.80N Lon: 35.86E Depth: 14 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.2 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 22   | 300 | EPg   |   | 634  | 17.77 | -0.36 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 22   | 300 | ESg   |   | 634  | 21.57 | 0.21  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 53   | 9   | EPg   |   | 634  | 22.91 | 0.32  | 31   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 53   | 9   | ESg   |   | 634  | 28.92 | -0.20 |      |      |      |     |      |      | 1.0 |

**June 18 2006 Hour: 8:51 15.3 Lat: 33.29N Lon: 35.57E Depth: 27 Agency: REL Local**  
**Magnitudes: 2.3MC REL Rms: 0.7 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MATL | SZ | 31   | 315 | EPg   |   | 851  | 22.52 | 0.81  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 32   | 47  | EPg   |   | 851  | 22.20 | 0.27  | 23   |      |      |     |      |      | 1.0 |
| RCY  | SN | 32   | 47  | ESg   |   | 851  | 27.71 | 0.85  |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 69   | 7   | ESg   |   | 851  | 34.04 | -1.09 |      |      |      |     |      |      | 1.0 |

**June 18 2006 Hour: 13:45 22.3 Lat: 32.63N Lon: 35.18E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 1.4 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MATL | SZ | 96   | 8   | EPg   |   | 1345 | 35.32 | -2.46 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 148  | 17  | EPg   |   | 1345 | 48.06 | 1.92  | 63   |      |      |     |      |      | 1.0 |
| BHL  | BN | 148  | 17  | ESg   |   | 1346 | 4.27  | 0.49  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 196  | 21  | EPg   |   | 1345 | 53.33 | -0.57 |      |      |      |     |      |      | 1.0 |
| HWQ  | SN | 196  | 21  | ESg   |   | 1346 | 17.28 | -0.01 |      |      |      |     |      |      | 1.0 |

**June 18 2006 Hour: 14:59 22.8 Lat: 33.47N Lon: 35.82E Depth: 25 Agency: REL Local**  
**Magnitudes: 2.1MC REL Rms: 0.0 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 2    | 351 | EPg   |   | 1459 | 26.99 | 0.00 | 16   |      |      |     |      |      | 1.0 |
| RCY  | SE | 2    | 351 | ESg   |   | 1459 | 30.13 | 0.00 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 51   | 342 | ESg   |   | 1459 | 38.13 | 0.00 |      |      |      |     |      |      | 1.0 |

**June 18 2006 Hour: 17:46 22.7 Lat: 33.40N Lon: 35.59E Depth: 13 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.4 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 23   | 66  | IPg   |   | 1746 | 26.64 | -0.55 | 64   |      |      |     |      |      | 1.0 |
| RCY  | SE | 23   | 66  | ISg   |   | 1746 | 30.74 | 0.25  |      |      |      |     |      |      | 1.0 |
| MATL | SZ | 26   | 292 | IPg   |   | 1746 | 27.54 | 0.08  |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 56   | 6   | IPg   |   | 1746 | 31.68 | -0.43 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 103  | 19  | IPg   |   | 1746 | 40.05 | 0.54  |      |      |      |     |      |      | 1.0 |

**June 18 2006 Hour: 18:37 58.3 Mid Atlantic Ridge Mw=5.8 Agency: REL Distant**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EP    |   | 1838 | 19.10 |      |      |      |      |     |      |      |    |

**June 19 2006 Hour: 6:52 48.3 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| RCY  | SZ |      |     | EP    |   | 652  | 54.67 |      |      |      |      |     |      |      |    |
| RCY  | SN |      |     | ES    |   | 652  | 57.88 |      |      |      |      |     |      |      |    |

**June 19 2006 Hour: 9: 5 0.5 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | SZ |      |     | EPg   |   | 9 5  | 27.34 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPg   |   | 9 5  | 28.87 |      |      |      |      |     |      |      |    |
| BHL  | SE |      |     | ESg   |   | 9 5  | 32.56 |      |      |      |      |     |      |      |    |
| HWQ  | SN |      |     | ESg   |   | 9 5  | 35.06 |      |      |      |      |     |      |      |    |

**June 19 2006 Hour: 10:34 38.1 Lat: 34.31N Lon: 36.21E Depth: 14 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.6 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| FKH  | SZ | 20   | 116 | IPg   |   | 1034 | 42.67 | 0.57  |      |      |      |     |      |      | 1.0 |
| FKH  | SE | 20   | 116 | ISg   |   | 1034 | 44.97 | -0.11 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 25   | 260 | IPg   |   | 1034 | 42.75 | 0.03  | 61   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 25   | 260 | ISg   |   | 1034 | 45.79 | -0.37 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 69   | 228 | IPg   |   | 1034 | 49.45 | 0.06  |      |      |      |     |      |      | 1.0 |
| BHL  | BE | 69   | 228 | ISg   |   | 1034 | 58.82 | 1.06  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 99   | 201 | IPg   |   | 1034 | 53.08 | -1.14 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 99   | 201 | ISg   |   | 1035 | 5.81  | -0.36 |      |      |      |     |      |      | 1.0 |

**June 19 2006 Hour: 10:48 33.6 Lat: 33.88N Lon: 35.35E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.1 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 28   | 85  | IPg   |   | 1048 | 38.31 | 0.14  |      |      |      |     |      |      | 1.0 |
| BHL  | BE | 28   | 85  | ISg   |   | 1048 | 41.43 | -0.09 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 70   | 51  | IPg   |   | 1048 | 44.83 | -0.15 | 48   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 70   | 51  | ISg   |   | 1048 | 53.48 | 0.10  |      |      |      |     |      |      | 1.0 |

**June 19 2006 Hour: 13:51 57.5 Lat: 34.56N Lon: 36.03E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.5 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 32   | 194 | IPg   |   | 1352 | 2.28  | -0.39 | 63   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 32   | 194 | ISg   |   | 1352 | 6.00  | -0.49 |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 80   | 206 | EPg   |   | 1352 | 9.83  | -0.64 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 80   | 206 | ESg   |   | 1352 | 20.57 | 0.51  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 121  | 189 | EPg   |   | 1352 | 18.04 | 1.07  |      |      |      |     |      |      | 1.0 |
| RCY  | SE | 121  | 189 | ESg   |   | 1352 | 31.11 | -0.26 |      |      |      |     |      |      | 1.0 |

**June 19 2006 Hour: 16:19 44.2 Lat: 33.63N Lon: 35.89E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.5MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 18   | 202 | IPg   |   | 1619 | 46.54 | -0.58 | 30   |      |      |     |      |      | 1.0 |
| RCY  | SN | 18   | 202 | ISg   |   | 1619 | 49.53 | 0.28  |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 37   | 324 | IPg   |   | 1619 | 50.36 | 0.13  |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 37   | 324 | ISg   |   | 1619 | 54.56 | -0.10 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 72   | 4   | IPg   |   | 1619 | 55.91 | 0.10  |      |      |      |     |      |      | 1.0 |

**June 19 2006 Hour: 17:24 34.9 Lat: 34.15N Lon: 35.61E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.5 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 27   | 172 | EPg   |   | 1724 | 38.36 | -0.94 | 32   |      |      |     |      |      | 1.0 |
| BHL  | SE | 27   | 172 | ESg   |   | 1724 | 42.69 | 0.15  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 34   | 65  | EPg   |   | 1724 | 40.97 | 0.57  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 34   | 65  | ESg   |   | 1724 | 44.17 | -0.29 |      |      |      |     |      |      | 1.0 |

**June 20 2006 Hour: 7:14 1.6 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| RCY  | SZ |      |     | EP    |   | 715  | 16.64 |      |      |      |      |     |      |      |    |
| RCY  | SN |      |     | ES    |   | 715  | 21.04 |      |      |      |      |     |      |      |    |

**June 20 2006 Hour: 9:3 35.9 Lat: 33.61N Lon: 35.66E Depth: 19 Agency: REL Local**  
**Magnitudes: 2.4MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 20   | 134 | IPg   |   | 9 3  | 39.91 | -0.49 | 27   |      |      |     |      |      | 1.0 |
| RCY  | SE | 20   | 134 | ISg   |   | 9 3  | 43.98 | 0.23  |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 33   | 359 | IPg   |   | 9 3  | 41.86 | -0.01 |      |      |      |     |      |      | 1.0 |
| HWQ  | SN | 79   | 20  | ESg   |   | 9 3  | 57.85 | 0.08  |      |      |      |     |      |      | 1.0 |

**June 20 2006 Hour: 9:7 24.6 Lat: 34.19N Lon: 35.39E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.6 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 40   | 142 | IPg   |   | 9 7  | 31.35 | 0.22  |      |      |      |     |      |      | 1.0 |
| BHL  | BE | 40   | 142 | ISg   |   | 9 7  | 35.24 | -0.72 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 53   | 79  | IPg   |   | 9 7  | 32.23 | -0.84 | 44   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 53   | 79  | ISg   |   | 9 7  | 40.06 | 0.73  |      |      |      |     |      |      | 1.0 |

**June 20 2006 Hour: 9:32 39.0 Lat: 34.10N Lon: 37.11E Depth: 13 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 1.0 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| FKH  | SZ | 67   | 283 | EPg   |   | 932  | 51.49 | 1.45  | 55   |      |      |     |      |      | 1.0 |
| FKH  | SN | 67   | 283 | ESg   |   | 932  | 57.81 | -0.41 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 109  | 280 | EPg   |   | 932  | 54.57 | -2.15 |      |      |      |     |      |      | 1.0 |
| HWQ  | SN | 109  | 280 | ESg   |   | 933  | 10.30 | 0.45  |      |      |      |     |      |      | 1.0 |

|     |    |     |     |     |  |     |       |       |  |  |  |  |  |  |  |     |
|-----|----|-----|-----|-----|--|-----|-------|-------|--|--|--|--|--|--|--|-----|
| BHL | SN | 136 | 261 | ESg |  | 933 | 18.11 | 0.65  |  |  |  |  |  |  |  | 1.0 |
| RCY | SZ | 138 | 240 | EPg |  | 933 | 1.99  | 0.63  |  |  |  |  |  |  |  | 1.0 |
| RCY | SN | 138 | 240 | ESg |  | 933 | 17.16 | -0.76 |  |  |  |  |  |  |  | 1.0 |

**June 20 2006 Hour: 10:49 0.1**

**Agency: REL Local**

|      |    |      |     |       |   |      |       |      |      |      |      |     |      |      |    |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
| RCY  | SZ |      |     | EP    |   | 1050 | 17.92 |      |      |      |      |     |      |      |    |
| RCY  | SN |      |     | ES    |   | 1050 | 25.66 |      |      |      |      |     |      |      |    |

**June 20 2006 Hour: 11: 8 59.5**

**Lat: 33.37N Lon: 36.03E Depth: 14 Agency: REL Local**

**Magnitudes: 2.5MC REL**

**Rms: 0.1 secs**

|      |    |      |     |       |   |      |       |       |      |      |      |     |      |      |     |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
| RCY  | SZ | 24   | 302 | EPg   |   | 11 9 | 4.18  | 0.12  | 28   |      |      |     |      |      | 1.0 |
| RCY  | SE | 24   | 302 | ESg   |   | 11 9 | 7.27  | -0.15 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 69   | 329 | ESg   |   | 11 9 | 18.88 | 0.07  |      |      |      |     |      |      | 1.0 |

**June 20 2006 Hour: 12:40 1.5**

**Agency: REL Local**

|      |    |      |     |       |   |      |       |      |      |      |      |     |      |      |    |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
| HWQ  | SZ |      |     | EPg   |   | 1240 | 36.43 |      |      |      |      |     |      |      |    |
| BHL  | SZ |      |     | EPg   |   | 1240 | 45.36 |      |      |      |      |     |      |      |    |
| HWQ  | SE |      |     | ESg   |   | 1240 | 42.92 |      |      |      |      |     |      |      |    |
| BHL  | SN |      |     | ESg   |   | 1240 | 59.60 |      |      |      |      |     |      |      |    |

**June 20 2006 Hour: 16:39 28.0**

**Lat: 33.43N Lon: 35.59E Depth: 15 Agency: REL Local**

**Magnitudes: 3.1MC REL**

**Rms: 0.0 secs**

|      |    |      |     |       |   |      |       |       |      |      |      |     |      |      |     |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
| RCY  | SZ | 22   | 75  | IPg   |   | 1639 | 32.36 | -0.01 | 71   |      |      |     |      |      | 1.0 |
| MATL | SZ | 25   | 284 | IPg   |   | 1639 | 32.68 | -0.01 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 53   | 6   | IPg   |   | 1639 | 36.72 | 0.00  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 99   | 19  | IPg   |   | 1639 | 43.61 | 0.01  |      |      |      |     |      |      | 1.0 |

**June 20 2006 Hour: 17:28 20.7**

**Lat: 34.16N Lon: 35.64E Depth: 0 Agency: REL Local**

**Magnitudes: 2.9MC REL**

**Rms: 0.9 secs**

|      |    |      |     |       |   |      |       |       |      |      |      |     |      |      |     |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
| BHL  | BZ | 29   | 177 | EPg   |   | 1728 | 23.95 | -1.39 |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 29   | 177 | ESg   |   | 1728 | 28.02 | -0.73 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 31   | 66  | EPg   |   | 1728 | 24.90 | -0.90 | 54   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 31   | 66  | ESg   |   | 1728 | 30.08 | 0.53  |      |      |      |     |      |      | 1.0 |
| FKH  | SZ | 71   | 83  | EPg   |   | 1728 | 32.92 | 0.73  |      |      |      |     |      |      | 1.0 |
| FKH  | SE | 71   | 83  | ESg   |   | 1728 | 40.30 | -0.38 |      |      |      |     |      |      | 1.0 |

**June 21 2006 Hour: 0:26 18.3**

**Lat: 34.08N Lon: 35.61E Depth: 0 Agency: REL Local**

**Magnitudes: 2.7MC REL**

**Rms: 0.3 secs**

|      |    |      |     |       |   |      |       |       |      |      |      |     |      |      |     |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
| BHL  | SZ | 20   | 168 | EPg   |   | 026  | 21.32 | -0.23 | 39   |      |      |     |      |      | 1.0 |
| BHL  | SE | 20   | 168 | ESg   |   | 026  | 23.84 | -0.08 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 38   | 55  | EPg   |   | 026  | 24.18 | -0.32 |      |      |      |     |      |      | 1.0 |
| HWQ  | SN | 38   | 55  | ESg   |   | 026  | 29.28 | 0.23  |      |      |      |     |      |      | 1.0 |

**June 21 2006 Hour: 2:30 0.9**

**Lat: 34.59N Lon: 35.83E Depth: 0 Agency: REL Local**

**Magnitudes: 2.8MC REL**

**Rms: 0.9 secs**

|      |    |      |     |       |   |      |       |       |      |      |      |     |      |      |     |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
| HWQ  | SZ | 36   | 163 | IPg   |   | 230  | 5.52  | -1.14 | 43   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 36   | 163 | ISg   |   | 230  | 9.94  | -1.01 |      |      |      |     |      |      | 1.0 |
| FKH  | SZ | 65   | 127 | EPg   |   | 230  | 11.80 | 0.40  |      |      |      |     |      |      | 1.0 |
| FKH  | SE | 65   | 127 | ESg   |   | 230  | 19.85 | 0.66  |      |      |      |     |      |      | 1.0 |
| BHL  | SN | 78   | 192 | ESg   |   | 230  | 23.74 | 1.09  |      |      |      |     |      |      | 1.0 |

**June 21 2006 Hour: 9:14 43.7 Lat: 34.16N Lon: 35.58E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 30   | 166 | EPg   |   | 914  | 48.05 | -0.46 |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 30   | 166 | ESg   |   | 914  | 52.00 | -0.06 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 36   | 70  | EPg   |   | 914  | 49.82 | 0.24  | 50   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 36   | 70  | ESg   |   | 914  | 53.85 | -0.07 |      |      |      |     |      |      | 1.0 |

**June 21 2006 Hour: 10:19 6.4 Lat: 33.58N Lon: 36.36E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 52   | 258 | EPg   |   | 1019 | 14.27 | -0.46 | 47   |      |      |     |      |      | 1.0 |
| RCY  | SE | 52   | 258 | ESg   |   | 1019 | 21.09 | 0.19  |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 75   | 299 | EPg   |   | 1019 | 18.44 | 0.02  |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 75   | 299 | ESg   |   | 1019 | 27.45 | 0.11  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 86   | 334 | EPg   |   | 1019 | 20.78 | 0.52  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 86   | 334 | ESg   |   | 1019 | 30.16 | -0.38 |      |      |      |     |      |      | 1.0 |

**June 21 2006 Hour: 11: 0 36.2 Lat: 33.61N Lon: 36.35E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.9 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 52   | 255 | EPg   |   | 11 0 | 42.43 | -2.10 | 43   |      |      |     |      |      | 1.0 |
| RCY  | SE | 52   | 255 | ESg   |   | 11 0 | 50.34 | -0.35 |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 73   | 297 | EPg   |   | 11 0 | 48.10 | 0.18  |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 73   | 297 | ESg   |   | 11 0 | 56.90 | 0.30  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 83   | 333 | EPg   |   | 11 0 | 49.38 | -0.25 |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 83   | 333 | ESg   |   | 11 0 | 59.88 | 0.32  |      |      |      |     |      |      | 1.0 |

**June 21 2006 Hour: 11: 1 57.6 Lat: 33.75N Lon: 36.36E Depth: 19 Agency: REL Local**  
**Magnitudes: 2.4MC REL Rms: 0.0 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 59   | 240 | EPg   |   | 11 2 | 7.35  | 0.00  | 26   |      |      |     |      |      | 1.0 |
| RCY  | SE | 59   | 240 | ESg   |   | 11 2 | 14.54 | 0.00  |      |      |      |     |      |      | 1.0 |
| BHL  | SN | 68   | 285 | ESg   |   | 11 2 | 16.81 | -0.01 |      |      |      |     |      |      | 1.0 |
| HWQ  | SN | 70   | 327 | ESg   |   | 11 2 | 17.38 | 0.01  |      |      |      |     |      |      | 1.0 |

**June 21 2006 Hour: 12:44 36.1 Agency: REL Distant**  
**Nicobar Islands mb=5.8**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EP    |   | 1244 | 51.94 |      |      |      |      |     |      |      |    |

**June 21 2006 Hour: 12:46 37.3 Lat: 34.65N Lon: 36.52E Depth: 20 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.1 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 67   | 232 | EPg   |   | 1246 | 48.35 | 0.05  | 33   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 67   | 232 | ESg   |   | 1246 | 56.41 | -0.03 |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 115  | 224 | EPg   |   | 1246 | 55.20 | -0.10 |      |      |      |     |      |      | 1.0 |
| BHL  | SN | 115  | 224 | ESg   |   | 1247 | 8.67  | 0.05  |      |      |      |     |      |      | 1.0 |

**June 21 2006 Hour: 15:27 49.2 Lat: 33.75N Lon: 36.85E Depth: 81 Agency: REL Local**  
**Magnitudes: 2.7MC REL Rms: 0.2 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 100  | 253 | EPg   |   | 1528 | 6.38  | -0.22 | 34   |      |      |     |      |      | 1.0 |
| RCY  | SN | 100  | 253 | ESg   |   | 1528 | 19.59 | 0.13  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 102  | 305 | EPg   |   | 1528 | 7.00  | 0.22  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 102  | 305 | ESg   |   | 1528 | 19.64 | -0.13 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 112  | 279 | ESg   |   | 1528 | 21.52 | 0.00  |      |      |      |     |      |      | 1.0 |

**June 21 2006 Hour: 17:358.7 Lat: 34.15N Lon: 35.52E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.6 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 30   | 155 | EPg   |   | 17 4 | 2.73  | -0.81 |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 30   | 155 | ESg   |   | 17 4 | 7.55  | 0.41  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 42   | 70  | EPg   |   | 17 4 | 6.21  | 0.77  | 53   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 42   | 70  | ESg   |   | 17 4 | 10.01 | -0.43 |      |      |      |     |      |      | 1.0 |

**June 21 2006 Hour: 18:49 7.6 Lat: 33.83N Lon: 37.11E Depth: 34 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 0.4 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| FKH  | SZ | 80   | 305 | EPg   |   | 1849 | 20.53 | -0.40 | 60   |      |      |     |      |      | 1.0 |
| FKH  | SE | 80   | 305 | ESg   |   | 1849 | 31.23 | 0.47  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 119  | 295 | EPg   |   | 1849 | 26.85 | 0.41  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 119  | 295 | ESg   |   | 1849 | 40.09 | -0.27 |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 135  | 274 | EPg   |   | 1849 | 28.44 | -0.38 |      |      |      |     |      |      | 1.0 |
| BHL  | SN | 135  | 274 | ESg   |   | 1849 | 44.08 | -0.41 |      |      |      |     |      |      | 1.0 |

**June 22 2006 Hour: 9:17 47.1 Lat: 33.99N Lon: 36.69E Depth: 34 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 76   | 295 | EPg   |   | 917  | 59.34 | -0.45 | 63   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 76   | 295 | ESg   |   | 918  | 9.52  | 0.32  |      |      |      |     |      |      | 1.0 |
| BHL  | SZ | 96   | 264 | EPg   |   | 918  | 2.54  | -0.13 |      |      |      |     |      |      | 1.0 |
| BHL  | SN | 96   | 264 | ESg   |   | 918  | 14.21 | 0.01  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 99   | 235 | EPg   |   | 918  | 3.32  | 0.31  |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 99   | 235 | ESg   |   | 918  | 14.51 | -0.28 |      |      |      |     |      |      | 1.0 |

**June 22 2006 Hour: 10:18 40.4 Lat: 34.13N Lon: 35.44E Depth: 14 Agency: REL Local**  
**Magnitudes: 2.5MC REL Rms: 0.5 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SN | 32   | 142 | ESg   |   | 1018 | 50.27 | -0.07 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 49   | 70  | EPg   |   | 1018 | 49.38 | 0.68  | 27   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 49   | 70  | ESg   |   | 1018 | 54.43 | -0.38 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 80   | 154 | EPg   |   | 1018 | 52.48 | -0.70 |      |      |      |     |      |      | 1.0 |
| RCY  | SE | 80   | 154 | ESg   |   | 1019 | 3.07  | 0.46  |      |      |      |     |      |      | 1.0 |

**June 22 2006 Hour: 10:53 38.7 Kuril Islands mb=6.1 Agency: REL Distant**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| FKH  | SZ |      |     | EP    |   | 11 5 | 13.43 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 11 5 | 15.66 |      |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EP    |   | 11 5 | 18.07 |      |      |      |      |     |      |      |    |

**June 22 2006 Hour: 14:55 45.2 Lat: 34.17N Lon: 35.58E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | SZ | 30   | 166 | EPg   |   | 1455 | 49.54 | -0.55 | 48   |      |      |     |      |      | 1.0 |
| BHL  | SN | 30   | 166 | ESg   |   | 1455 | 53.76 | 0.08  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 36   | 70  | EPg   |   | 1455 | 51.33 | 0.23  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 36   | 70  | ESg   |   | 1455 | 55.36 | -0.09 |      |      |      |     |      |      | 1.0 |

**June 22 2006 Hour: 15:47 1.0 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| RCY  | SZ |      |     | EP    |   | 1547 | 15.93 |      |      |      |      |     |      |      |    |
| RCY  | SE |      |     | ES    |   | 1547 | 18.49 |      |      |      |      |     |      |      |    |

**June 23 2006 Hour: 0:48 11.5 Fiji Islands mb=4.9 Agency: REL Distant**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EP    |   | 048  | 18.44 |      |      |      |      |     |      |      |    |

**June 23 2006 Hour: 6:26 49.2 Southern Iran mb=5.0 Agency: REL Regional**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 628 26.54

**June 23 2006 Hour: 13:53 0.2 Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ EPg 1353 47.27  
 FKH SN ESg 1353 53.38  
 HWQ SZ EPg 1353 50.55  
 HWQ SN ESg 1353 55.80

**June 23 2006 Hour: 15:52 5.7 Lat: 34.08N Lon: 35.61E Depth: 31 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.2 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ 20 169 EPg 1552 11.69 0.25 45 1.0  
 BHL BN 20 169 ESg 1552 15.58-0.14 1.0  
 HWQ SZ 38 54 EPg 1552 13.06-0.25 1.0  
 HWQ SE 38 54 ESg 1552 19.11 0.14 1.0  
 FKH SN 75 76 ESg 1552 27.33 0.00 1.0

**June 24 2006 Hour: 9:35 17.6 Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ EP 935 37.64  
 RCY SE ES 935 45.14

**June 24 2006 Hour: 10:18 59.4 Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ EP 1021 50.12  
 FKH SE ES 1021 55.93

**June 24 2006 Hour: 10:25 28.9 Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EPg 1025 39.89  
 FKH SZ EPg 1025 46.65  
 BHL BE ESg 1025 43.88  
 FKH SE ESg 1025 55.11

**June 24 2006 Hour: 16:56 20.2 Arabian Sea mb=5.1 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ EP 1657 59.30  
 BHL BZ EP 1658 5.47

**June 24 2006 Hour: 21:24 56.0 Minahassa Peninsula mb=5.8 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 2127 49.00

**June 24 2006 Hour: 21:46 1.2 Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SZ EPg 2146 25.32  
 RCY SN ESg 2146 40.16  
 BHL SE ESg 2146 35.45  
 RCY SZ EPg 2146 28.11

**June 26 2006 Hour: 7:45 36.3 Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ EP 745 55.00  
 FKH SN ES 746 2.43

**June 26 2006 Hour: 9:41 52.2 Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ EP 942 8.14  
 FKH SN ES 942 20.19

**June 26 2006 Hour: 9:49 55.2 Agency: REL Regional**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ EP 951 42.58  
 FKH SN ES 951 57.84

**June 26 2006 Hour: 14:12 16.0 Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ EP 1413 41.61  
 RCY SN ES 1413 53.82

**June 26 2006 Hour: 16:10 20.5 Lat: 33.60N Lon: 36.10E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.5 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ 29 244 IPg 1610 24.73-0.48 35 1.0  
 RCY SN 29 244 ISg 1610 28.22-0.46 1.0  
 BHL BZ 53 309 IPg 1610 28.48-0.65 1.0  
 BHL SE 53 309 ISg 1610 35.79 0.29 1.0  
 BHL BE 53 309 ISg 1610 35.85 0.35 1.0

**June 27 2006 Hour: 3:1 56.3 Rat Islands mb=6.0 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 3 2 46.41

**June 27 2006 Hour: 2:59 13.6 Fiji Islands mb=5.0 Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ EP 317 51.70  
 BHL BZ EP 317 51.74  
 RCY SZ EP 317 52.70

**June 27 2006 Hour: 9:50 17.3 Lat: 33.80N Lon: 35.79E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.2MC REL Rms: 0.3 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ 17 311 IPg 950 19.78-0.27 1.0  
 RCY SZ 36 176 IPg 950 22.42-0.63 82 1.0  
 RCY SE 36 176 ISg 950 27.54 0.24 1.0  
 HWQ SZ 54 15 IPg 950 26.35 0.25 1.0  
 MATL SZ 55 231 EPg 950 26.55 0.30 1.0

**June 27 2006 Hour: 10:22 20.1 Lat: 33.65N Lon: 36.92E Depth: 29 Agency: REL Local**  
**Magnitudes: 3.2MC REL Rms: 0.3 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ 104 260 EPg 1022 36.25-0.38 73 1.0  
 RCY SN 104 260 ESg 1022 49.25 0.36 1.0  
 HWQ SZ 114 308 EPg 1022 38.37 0.36 1.0  
 HWQ SE 114 308 ESg 1022 51.21-0.07 1.0  
 BHL BZ 121 284 EPg 1022 38.96-0.04 1.0  
 BHL BE 121 284 ESg 1022 52.77-0.23 1.0

**June 27 2006 Hour: 10:29 48.6 Lat: 33.20N Lon: 36.97E Depth: 33 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.1 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ 111 287 EPg 1030 6.36 0.01 51 1.0  
 RCY SE 111 287 ESg 1030 19.56 0.06 1.0  
 BHL SE 145 303 ESg 1030 27.66-0.16 1.0  
 HWQ SN 153 322 ESg 1030 29.87 0.09 1.0

**June 27 2006 Hour: 11: 2 0.3** **Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 HWQ SZ EPg 11 2 43.28  
 BHL SZ EPg 11 2 44.48  
 HWQ SN ESg 11 2 57.15  
 BHL SN ESg 11 3 0.17

**June 27 2006 Hour: 13: 1 58.8 Lat: 34.52N Lon: 36.83E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 0.4 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 HWQ SZ 86 252 EPg 13 2 12.79 0.11 60 1.0  
 HWQ SN 86 252 ESg 13 2 22.81-0.15 1.0  
 BHL SZ 129 238 EPg 13 2 20.23 0.69 1.0  
 BHL SN 129 238 ESg 13 2 35.03 0.14 1.0  
 RCY SZ 148 220 EPg 13 2 22.11-0.64 1.0  
 RCY SE 148 220 ESg 13 2 40.31-0.16 1.0

**June 27 2006 Hour: 15: 7 0.5** **Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SZ EPg 15 8 10.44  
 BHL SE ESg 15 8 15.08  
 HWQ SE ESg 15 8 15.38

**June 27 2006 Hour: 18:15 50.5 Nicobar Islands mb=5.7** **Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 1817 24.71

**June 28 2006 Hour: 9:17 1.0** **Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL SZ EPg 917 28.05  
 HWQ SZ EPg 917 37.87  
 BHL SE ESg 917 31.18  
 HWQ SE ESg 917 44.16

**June 28 2006 Hour: 11:38 23.5 Lat: 34.50N Lon: 36.93E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.1MC REL Rms: 0.6 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 HWQ SZ 94 255 EPg 1138 39.31 0.70 64 1.0  
 HWQ SZ 94 255 ESg 1138 48.98-0.82 1.0  
 BHL SE 135 241 ESg 1139 2.23 0.86 1.0  
 RCY SZ 153 223 EPg 1138 47.89-0.20 1.0  
 RCY SN 153 223 ESg 1139 6.20-0.10 1.0  
 MATL SZ 186 233 EPg 1138 52.99-0.44 1.0

**June 28 2006 Hour: 14: 2 1.6** **Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 FKH SZ EPg 14 2 45.98  
 HWQ SZ EPg 14 2 50.20  
 FKH SE ESg 14 2 49.46  
 HWQ SN ESg 14 2 56.38

**June 28 2006 Hour: 15:58 0.7** **Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EPg 1558 53.26  
 HWQ SZ EPg 1558 53.86  
 BHL BN ESg 1558 57.15  
 HWQ SN ESg 1559 0.37

**June 28 2006 Hour: 16: 9 26.8 Lat: 34.35N Lon: 36.87E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.9MC REL Rms: 0.5 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| FKH  | SZ | 45   | 254 | EPg   |   | 16 9 | 33.49 | -0.55 | 50   |      |      |     |      |      | 1.0 |
| FKH  | SE | 45   | 254 | ESg   |   | 16 9 | 38.69 | -0.67 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 85   | 265 | EPg   |   | 16 9 | 41.09 | 0.52  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 85   | 265 | ESg   |   | 16 9 | 50.84 | 0.11  |      |      |      |     |      |      | 1.0 |
| BHL  | SN | 122  | 247 | ESg   |   | 1610 | 1.72  | 0.59  |      |      |      |     |      |      | 1.0 |

**June 28 2006 Hour: 17:36 9.6 Lat: 34.57N Lon: 36.44E Depth: 0 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.9 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| FKH  | SZ | 37   | 186 | IPg   |   | 1736 | 14.66 | -0.86 | 46   |      |      |     |      |      | 1.0 |
| FKH  | SE | 37   | 186 | ISg   |   | 1736 | 20.13 | 0.21  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 56   | 235 | IPg   |   | 1736 | 17.72 | -0.84 |      |      |      |     |      |      | 1.0 |
| HWQ  | SN | 56   | 235 | ISg   |   | 1736 | 24.70 | -0.52 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 103  | 225 | EPg   |   | 1736 | 28.12 | 1.88  |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 103  | 225 | ESg   |   | 1736 | 38.70 | 0.13  |      |      |      |     |      |      | 1.0 |

**June 28 2006 Hour: 21: 5 0.7 Southern Iran mb=5.7 Agency: REL Regional**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EPn   |   | 21 6 | 30.18 |      |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EPn   |   | 21 6 | 26.75 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPn   |   | 21 6 | 28.17 |      |      |      |      |     |      |      |    |
| FKH  | SZ |      |     | EPn   |   | 21 6 | 22.82 |      |      |      |      |     |      |      |    |
| FKH  | SZ |      |     | EP    |   | 21 6 | 22.82 |      |      |      |      |     |      |      |    |
| MATL | SZ |      |     | EPn   |   | 21 6 | 32.74 |      |      |      |      |     |      |      |    |

**June 29 2006 Hour: 10:11 0.1 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| FKH  | SZ |      |     | EPg   |   | 1013 | 5.29  |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPg   |   | 1013 | 14.21 |      |      |      |      |     |      |      |    |
| FKH  | SN |      |     | ESg   |   | 1013 | 10.18 |      |      |      |      |     |      |      |    |
| HWQ  | SN |      |     | ESg   |   | 1013 | 22.10 |      |      |      |      |     |      |      |    |

**June 29 2006 Hour: 10:46 1.1 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| FKH  | SZ |      |     | IPg   |   | 1047 | 7.46  |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPg   |   | 1047 | 16.56 |      |      |      |      |     |      |      |    |
| FKH  | SN |      |     | ISg   |   | 1047 | 13.49 |      |      |      |      |     |      |      |    |
| HWQ  | SN |      |     | ESg   |   | 1047 | 23.58 |      |      |      |      |     |      |      |    |

**June 29 2006 Hour: 11:17 32.8 Lat: 33.51N Lon: 36.42E Depth: 51 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.3 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 56   | 267 | EPg   |   | 1117 | 43.60 | -0.15 | 42   |      |      |     |      |      | 1.0 |
| RCY  | SE | 56   | 267 | ESg   |   | 1117 | 51.73 | -0.11 |      |      |      |     |      |      | 1.0 |
| FKH  | SZ | 80   | 359 | EPg   |   | 1117 | 46.60 | 0.18  |      |      |      |     |      |      | 1.0 |
| FKH  | SN | 80   | 359 | ESg   |   | 1117 | 56.62 | 0.14  |      |      |      |     |      |      | 1.0 |
| BHL  | SE | 83   | 302 | ESg   |   | 1117 | 57.49 | 0.51  |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 96   | 333 | ESg   |   | 1117 | 58.97 | -0.57 |      |      |      |     |      |      | 1.0 |

**June 29 2006 Hour: 11:26 1.1 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| FKH  | SZ |      |     | EPg   |   | 1126 | 51.25 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPg   |   | 1127 | 0.11  |      |      |      |      |     |      |      |    |
| FKH  | SN |      |     | ESg   |   | 1126 | 56.21 |      |      |      |      |     |      |      |    |
| HWQ  | SN |      |     | ESg   |   | 1127 | 6.75  |      |      |      |      |     |      |      |    |

**June 29 2006 Hour: 12:41 1.3**

**Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| HWQ  | SZ |      |     | EPg   |   | 1242 | 23.85 |      |      |      |      |     |      |      |    |
| BHL  | SN |      |     | ESg   |   | 1242 | 46.77 |      |      |      |      |     |      |      |    |
| HWQ  | SN |      |     | ESg   |   | 1242 | 32.84 |      |      |      |      |     |      |      |    |
| BHL  | SZ |      |     | EPg   |   | 1242 | 30.76 |      |      |      |      |     |      |      |    |

**June 29 2006 Hour: 14:12 0.9**

**Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| FKH  | SZ |      |     | EPg   |   | 1412 | 59.21 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPg   |   | 1413 | 7.04  |      |      |      |      |     |      |      |    |
| HWQ  | SE |      |     | ESg   |   | 1413 | 17.38 |      |      |      |      |     |      |      |    |
| FKH  | SE |      |     | ESg   |   | 1413 | 7.26  |      |      |      |      |     |      |      |    |

**June 29 2006 Hour: 14:58 1.3**

**Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EPg   |   | 1459 | 39.44 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPg   |   | 1459 | 41.01 |      |      |      |      |     |      |      |    |
| BHL  | BN |      |     | ESg   |   | 1459 | 43.59 |      |      |      |      |     |      |      |    |
| HWQ  | SN |      |     | ESg   |   | 1459 | 45.00 |      |      |      |      |     |      |      |    |

**June 29 2006 Hour: 15:52 0.6**

**Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | SZ |      |     | EPg   |   | 1553 | 22.63 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EPg   |   | 1553 | 23.21 |      |      |      |      |     |      |      |    |
| BHL  | SN |      |     | ESg   |   | 1553 | 26.35 |      |      |      |      |     |      |      |    |
| HWQ  | SE |      |     | ESg   |   | 1553 | 27.36 |      |      |      |      |     |      |      |    |

**June 29 2006 Hour: 20: 8 29.4**

**Lat: 33.14N Lon: 35.37E Depth: 0 Agency: REL Local**

**Magnitudes: 2.4MC REL Rms: 0.2 secs**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MATL | SZ | 39   | 355 | IPg   |   | 20 8 | 35.44 | -0.19 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 57   | 48  | IPg   |   | 20 8 | 38.79 | 0.25  | 23   |      |      |     |      |      | 1.0 |
| RCY  | SE | 57   | 48  | ISg   |   | 20 8 | 45.07 | -0.27 |      |      |      |     |      |      | 1.0 |
| HWQ  | SE | 137  | 23  | ESg   |   | 20 9 | 8.09  | 0.21  |      |      |      |     |      |      | 1.0 |

**June 30 2006 Hour: 5: 2 29.2**

**Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| RCY  | SZ |      |     | EP    |   | 5 2  | 52.24 |      |      |      |      |     |      |      |    |
| RCY  | SN |      |     | ES    |   | 5 2  | 58.05 |      |      |      |      |     |      |      |    |

**June 30 2006 Hour: 16:19 18.8**

**Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EP    |   | 1619 | 19.97 |      |      |      |      |     |      |      |    |
| BHL  | BE |      |     | ES    |   | 1619 | 23.98 |      |      |      |      |     |      |      |    |



# Epicentral Map of Lebanon

## June 2006

### Magnitudes

- Ml = 2
- Ml = 3
- Ml = 4
- Ml = 5
- ★ Felt

