

Republic of Lebanon  
National Council for Scientific Research

# Provisional Seismological Bulletin

from the

## NATIONAL SEISMIC NETWORK

May

2014

Prepared by  
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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.

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

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  $V_p/V_s$  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    | Nov2000-Sep2012 |
| FKH     | 3414.69N | 3624.61E  | 1152       | FAKEHEH    | Opened Dec 2004 |
| RCY     | 3329.79N | 3550.14E  | 1370       | RACHAYA    | Opened Jun 2006 |
| DWR     | 3323.13N | 3524.08E  | 420        | DWEIR      |                 |
| BEYL    | 3352.30N | 3529.59E  | 49         | BEIRUT     | Opened Jul 2006 |
| NAQL    | 3307.02N | 3508.46E  | 83         | NAQOURA    | Jul2008-Jan2012 |
| DQRL    | 3342.34N | 3534.21E  | 963        | DEIR QAMAR | Opened Mar 2010 |
| QRWL    | 3332.86N | 3540.93E  | 875        | QARAOUN    | Opened Oct 2011 |
| SHBL    | 3320.90N | 3544.63E  | 1422       | CHEBAA     | Opened Oct 2011 |

## REGIONAL AND DISTANT EARTHQUAKES

Because regional events and teleseisms are not localized, but simply identified, EMSC determination data are given along with phase arrivals (in general first arrival) at the stations of our network.

## 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.ifjf.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: REL throughout the bulletin, aka. REsearch Lebanon

MAGNITUDES: Up to 3 different magnitudes can be given followed by type and reporting agency, e.g. 3.1 MC REL - coda magnitude calculated according to above mentioned formula.

EMSC: Euro-Mediterranean Seismological Centre.

OT: Origin Time

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 ( $0.5 * (\text{peak to peak})$ ), (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.

**May 1 2014 Hour: 6:36 37.0** Agency: REL Distant  
**EMSC OT=06:36:37.0 21.46S 170.37E 123Km M=6.6 LOYALTY ISLANDS**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 655 48.90  
 SHBL BZ EP 655 49.12

**May 1 2014 Hour: 8:42 15.4** Lat: 33.47N Lon: 35.74E Depth: 21 Agency: REL Local  
**Magnitudes: 2.3MC REL** Rms: 0.0 secs  
**MOUNT HERMON REGION**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 RCY SZ 9 69 EP 842 19.23 0.03 23 1.0  
 RCY SN 9 69 ES 842 22.02-0.02 1.0  
 SHBL BZ 13 179 EP 842 19.43-0.03 1.0  
 SHBL BN 13 179 ES 842 22.52 0.02 1.0  
 DQRL SZ 31 329 EP 842 21.31-0.00 1.0

**May 1 2014 Hour: 11:14 53.1** Lat: 33.41N Lon: 35.67E Depth: 26 Agency: REL Local  
**Magnitudes: 2.5MC REL** Rms: 0.0 secs  
**MOUNT HERMON REGION**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 SHBL BZ 10 133 EP 1114 57.63 0.01 1.0  
 SHBL BN 10 133 ES 1115 0.97-0.01 1.0  
 RCY SZ 18 58 EP 1114 58.21-0.01 31 1.0  
 RCY SN 18 58 ES 1115 2.01 0.00 1.0  
 DQRL SZ 34 345 EP 1114 59.82 0.00 1.0

**May 1 2014 Hour: 15:35 49.1** Lat: 34.07N Lon: 35.97E Depth: 52 Agency: REL Local  
**Magnitudes: 2.9MC REL** Rms: 0.0 secs  
**KESROUANE**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 HWQ SZ 24 355 EP 1535 57.50-0.00 49 1.0  
 HWQ SE 24 355 ES 1536 3.72-0.01 1.0  
 BHL BZ 34 238 EP 1535 58.23 0.05 1.0  
 DQRL SZ 54 223 EP 1535 59.91-0.05 1.0  
 RCY SZ 64 191 EP 1536 1.05 0.01 1.0  
 RCY SN 64 191 ES 1536 9.87-0.00 1.0

**May 1 2014 Hour: 17:33 42.0** Agency: REL Regional  
**EMSC OT=17:33:42.0 37.04N 27.47E 11Km M=4.0 WESTERN TURKEY**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 SHBL BZ EP 1735 33.65  
 HWQ SZ EP 1735 29.80

**May 2 2014 Hour: 1: 8 5.0** Agency: REL Distant  
**EMSC OT=01:08:05.0 21.28S 177.93W 353Km M=4.9 FIJI REGION**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 127 7.52  
 QRWL SZ EP 127 8.08  
 DQRL SZ EP 127 8.21

**May 2 2014 Hour: 9:15 19.0** Agency: REL Distant  
**EMSC OT=09:15:19.0 37.89N 144.26E 2Km M=5.6 COAST OF HONSHU**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 927 43.68  
 RCY SZ EP 927 44.79  
 SHBL BZ EP 927 45.48

May 2 2014 Hour: 13: 7 52.7 Lat: 33.78N Lon: 35.76E Depth: 3 Agency: REL Local  
Magnitudes: 2.5MC REL Rms: 0.0 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA  | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| BHL  | BZ | 16   | 324 | EP    |   | 13   | 7     | 55.38 | -0.02 | 30   |      |     |      |      | 1.0 |
| BHL  | BN | 16   | 324 | ES    |   | 13   | 7     | 57.45 | 0.03  |      |      |     |      |      | 1.0 |
| DQRL | SZ | 19   | 244 | EP    |   | 13   | 7     | 55.94 | 0.07  |      |      |     |      |      | 1.0 |
| DQRL | SN | 19   | 244 | ES    |   | 13   | 7     | 58.18 | -0.06 |      |      |     |      |      | 1.0 |
| RCY  | SZ | 33   | 167 | EP    |   | 13   | 7     | 57.99 | 0.01  |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 58   | 18  | EP    |   | 13   | 8     | 1.94  | -0.03 |      |      |     |      |      | 1.0 |

May 2 2014 Hour: 14:30 40.2 Lat: 33.83N Lon: 35.68E Depth: 33 Agency: REL Local  
Magnitudes: 2.4MC REL Rms: 0.1 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA  | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| BHL  | BZ | 8    | 342 | EP    |   | 1430 |       | 45.68 | -0.01 | 25   |      |     |      |      | 1.0 |
| DQRL | SZ | 18   | 216 | EP    |   | 1430 |       | 46.28 | 0.11  |      |      |     |      |      | 1.0 |
| DQRL | SN | 18   | 216 | ES    |   | 1430 |       | 50.53 | -0.04 |      |      |     |      |      | 1.0 |
| QRWL | SZ | 32   | 180 | EP    |   | 1430 |       | 47.33 | -0.07 |      |      |     |      |      | 1.0 |
| RCY  | SZ | 40   | 159 | EP    |   | 1430 |       | 48.35 | -0.02 |      |      |     |      |      | 1.0 |
| RCY  | SE | 40   | 159 | ES    |   | 1430 |       | 54.42 | 0.03  |      |      |     |      |      | 1.0 |

May 2 2014 Hour: 15: 4 19.3 Lat: 33.97N Lon: 36.21E Depth: 5 Agency: REL Local  
Magnitudes: 2.8MC REL Rms: 0.1 secs

CENTRAL BEKAA

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA  | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| HWQ  | SZ | 41   | 325 | EP    |   | 15   | 4     | 26.11 | 0.02  |      |      |     |      |      | 1.0 |
| BHL  | BZ | 52   | 262 | EP    |   | 15   | 4     | 27.61 | -0.10 | 41   |      |     |      |      | 1.0 |
| RCY  | SZ | 63   | 213 | EP    |   | 15   | 4     | 29.56 | 0.01  |      |      |     |      |      | 1.0 |
| DQRL | SZ | 66   | 243 | EP    |   | 15   | 4     | 30.09 | 0.08  |      |      |     |      |      | 1.0 |
| DQRL | SN | 66   | 243 | ES    |   | 15   | 4     | 37.95 | 0.03  |      |      |     |      |      | 1.0 |
| QRWL | SZ | 68   | 226 | EP    |   | 15   | 4     | 30.27 | -0.02 |      |      |     |      |      | 1.0 |
| QRWL | SN | 68   | 226 | ES    |   | 15   | 4     | 38.41 | -0.01 |      |      |     |      |      | 1.0 |

May 2 2014 Hour: 16:20 25.0 Lat: 34.04N Lon: 35.93E Depth: 8 Agency: REL Local  
Magnitudes: 2.8MC REL Rms: 0.1 secs

KESROUANE

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA  | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| HWQ  | SZ | 26   | 3   | EP    |   | 1620 |       | 29.47 | 0.02  | 43   |      |     |      |      | 1.0 |
| BHL  | BZ | 30   | 239 | EP    |   | 1620 |       | 29.94 | -0.07 |      |      |     |      |      | 1.0 |
| DQRL | SZ | 50   | 222 | EP    |   | 1620 |       | 33.30 | 0.10  |      |      |     |      |      | 1.0 |
| DQRL | SE | 50   | 222 | ES    |   | 1620 |       | 39.27 | -0.00 |      |      |     |      |      | 1.0 |
| RCY  | SZ | 61   | 188 | EP    |   | 1620 |       | 34.91 | -0.08 |      |      |     |      |      | 1.0 |
| RCY  | SE | 61   | 188 | ES    |   | 1620 |       | 42.43 | 0.04  |      |      |     |      |      | 1.0 |

May 3 2014 Hour: 4:46 42.0 Agency: REL Regional  
EMSC OT=04:46:42.0 36.26N 28.90E 20Km M=3.7 DODECANESE

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|----|
| HWQ  | SZ |      |     | EP    |   | 448  |       | 10.03 |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EP    |   | 448  |       | 12.52 |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 448  |       | 12.90 |      |      |      |     |      |      |    |

May 3 2014 Hour: 14:12 22.4 Lat: 33.81N Lon: 35.78E Depth: 13 Agency: REL Local  
Magnitudes: 2.4MC REL Rms: 0.2 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA  | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| BHL  | BZ | 16   | 313 | EP    |   | 1412 |       | 25.80 | -0.03 | 27   |      |     |      |      | 1.0 |
| BHL  | BN | 16   | 313 | ES    |   | 1412 |       | 28.41 | 0.01  |      |      |     |      |      | 1.0 |
| DQRL | SZ | 22   | 240 | EP    |   | 1412 |       | 26.62 | -0.05 |      |      |     |      |      | 1.0 |
| DQRL | SN | 22   | 240 | ES    |   | 1412 |       | 29.90 | 0.05  |      |      |     |      |      | 1.0 |
| RCY  | SZ | 35   | 171 | EP    |   | 1412 |       | 28.40 | -0.09 |      |      |     |      |      | 1.0 |
| RCY  | SN | 35   | 171 | ES    |   | 1412 |       | 33.08 | 0.06  |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 55   | 16  | EP    |   | 1412 |       | 32.16 | 0.75  |      |      |     |      |      | 0.2 |

May 3 2014 Hour: 14:33 51.7 Lat: 33.42N Lon: 35.67E Depth: 15 Agency: REL Local  
 Magnitudes: 2.4MC REL Rms: 0.0 secs

**MOUNT HERMON REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| SHBL | BZ | 11   | 140 | EP    |   | 1433 | 54.84 | -0.01 | 26   |      |      |     |      |      | 1.0 |
| SHBL | BN | 11   | 140 | ES    |   | 1433 | 57.19 | 0.00  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 18   | 63  | EP    |   | 1433 | 55.55 | 0.02  |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 18   | 63  | ES    |   | 1433 | 58.37 | -0.01 |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 33   | 344 | EP    |   | 1433 | 57.49 | -0.00 |      |      |      |     |      |      | 1.0 |

May 4 2014 Hour: 9:15 53.0 Agency: REL Distant  
 EMSC OT=09:15:53.0 24.81S 179.12E 539Km M=6.6 SOUTH OF FIJI ISLS

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| RCY  | SZ |      |     | EP    |   | 934  | 33.53 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 934  | 33.59 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 934  | 34.04 |      |      |      |      |     |      |      |    |
| DQRL | SZ |      |     | EP    |   | 934  | 34.74 |      |      |      |      |     |      |      |    |

May 4 2014 Hour: 9:25 14.0 Agency: REL Distant  
 EMSC OT=09:25:14.0 25.86S 178.23E 616Km M=6.3 SOUTH OF FIJI ISLS

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| HWQ  | SZ |      |     | EP    |   | 943  | 45.38 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 943  | 46.06 |      |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EP    |   | 943  | 46.06 |      |      |      |      |     |      |      |    |
| DQRL | SZ |      |     | EP    |   | 943  | 46.57 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 943  | 46.65 |      |      |      |      |     |      |      |    |

May 4 2014 Hour: 12:30 23.2 Lat: 33.47N Lon: 35.69E Depth: 3 Agency: REL Local  
 Magnitudes: 2.7MC REL Rms: 0.0 secs

**MOUNT HERMON REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| QRWL | SZ | 9    | 358 | EP    |   | 1230 | 24.62 | -0.08 | 40   |      |      |     |      |      | 1.0 |
| RCY  | SZ | 14   | 79  | EP    |   | 1230 | 25.57 | -0.02 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 14   | 79  | ES    |   | 1230 | 27.40 | 0.03  |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 15   | 158 | EP    |   | 1230 | 25.61 | -0.04 |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 15   | 158 | ES    |   | 1230 | 27.53 | 0.04  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 28   | 338 | EP    |   | 1230 | 27.80 | 0.03  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 28   | 338 | ES    |   | 1230 | 31.20 | 0.04  |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 48   | 357 | EP    |   | 1230 | 30.93 | -0.04 |      |      |      |     |      |      | 0.2 |

May 4 2014 Hour: 20:18 24.0 Agency: REL Distant  
 EMSC OT=20:18:24.0 34.84N 139.36E 152Km M=6.0 COAST OF HONSHU

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EP    |   | 2030 | 23.38 |      |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EP    |   | 2030 | 24.38 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 2030 | 25.30 |      |      |      |      |     |      |      |    |

May 4 2014 Hour: 22:14 34.4 Lat: 33.75N Lon: 35.06E Depth: 50 Agency: REL Local  
 Magnitudes: 2.7MC REL Rms: 0.1 secs

**OFFSHORE CENTRAL LEBANON**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| DQRL | SZ | 47   | 96  | EP    |   | 2214 | 44.52 | 0.07  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 47   | 96  | ES    |   | 2214 | 51.84 | -0.02 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 57   | 72  | EP    |   | 2214 | 45.42 | -0.04 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 77   | 111 | EP    |   | 2214 | 47.70 | 0.06  | 37   |      |      |     |      |      | 1.0 |
| SHBL | BZ | 77   | 125 | EP    |   | 2214 | 47.60 | -0.08 |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 77   | 125 | ES    |   | 2214 | 57.51 | 0.02  |      |      |      |     |      |      | 1.0 |

May 4 2014 Hour: 23:11 20.5 Lat: 33.78N Lon: 35.77E Depth: 5 Agency: REL Local  
Magnitudes: 2.7MC REL Rms: 0.1 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 18   | 322 | EP    |   | 2311 | 23.53 | -0.02 | 39   |      |      |     |      |      | 1.0 |
| BHL  | BE | 18   | 322 | ES    |   | 2311 | 25.81 | 0.02  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 21   | 247 | EP    |   | 2311 | 23.91 | -0.06 |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 21   | 247 | ES    |   | 2311 | 26.55 | 0.03  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 32   | 170 | EP    |   | 2311 | 25.73 | -0.02 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 58   | 16  | EP    |   | 2311 | 29.88 | 0.01  |      |      |      |     |      |      | 1.0 |

May 4 2014 Hour: 23:58 28.6 Lat: 33.12N Lon: 35.74E Depth: 1 Agency: REL Local  
Magnitudes: 2.8MC REL Rms: 0.1 secs

MOUNT HERMON REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| SHBL | BZ | 25   | 1   | EP    |   | 2358 | 32.70 | 0.05  | 44   |      |      |     |      |      | 1.0 |
| SHBL | BN | 25   | 1   | ES    |   | 2358 | 35.67 | 0.02  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 42   | 12  | EP    |   | 2358 | 35.40 | -0.04 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 42   | 12  | ES    |   | 2358 | 40.50 | -0.02 |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 67   | 346 | EP    |   | 2358 | 39.23 | -0.09 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 87   | 355 | EP    |   | 2358 | 42.70 | 0.07  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 130  | 9   | EP    |   | 2358 | 49.49 | 0.01  |      |      |      |     |      |      | 1.0 |

May 5 2014 Hour: 5:5 41.0 Agency: REL Regional  
EMSC OT=05:05:41.0 36.04N 31.06E 80Km M=4.5 WESTERN TURKEY

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EP    |   | 5 6  | 44.03 |      |      |      |      |     |      |      |    |
| DQRL | SZ |      |     | EP    |   | 5 6  | 44.86 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EP    |   | 5 6  | 45.48 |      |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EP    |   | 5 6  | 49.43 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 5 6  | 49.79 |      |      |      |      |     |      |      |    |

May 5 2014 Hour: 11:1 45.0 Agency: RE Distant  
EMSC OT=11:08:45.0 19.68N 99.78E 10Km M=6.2 THAILAND

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EP    |   | 1118 | 40.01 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 1118 | 39.47 |      |      |      |      |     |      |      |    |

May 5 2014 Hour: 11:32 16.9 Lat: 34.62N Lon: 36.85E Depth: 6 Agency: REL Local  
Magnitudes: 3.1MC REL Rms: 0.1 secs

NEBEK REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 92   | 246 | EP    |   | 1132 | 31.85 | 0.10  | 61   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 92   | 246 | ES    |   | 1132 | 42.69 | -0.05 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 136  | 235 | EP    |   | 1132 | 38.40 | -0.02 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 156  | 217 | EP    |   | 1132 | 41.22 | -0.18 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 156  | 217 | ES    |   | 1132 | 59.58 | 0.05  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 156  | 230 | EP    |   | 1132 | 41.33 | -0.00 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 175  | 216 | EP    |   | 1132 | 44.19 | 0.10  |      |      |      |     |      |      | 1.0 |

May 5 2014 Hour: 15:16 51.6 Lat: 35.58N Lon: 36.91E Depth: 4 Agency: REL Regional  
Magnitudes: 3.3MC REL Rms: 0.1 secs

SYRIA

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | BZ | 170  | 212 | EP    |   | 1517 | 18.26 | 0.09  | 71   |      |      |     |      |      | 1.0 |
| HWQ  | BN | 170  | 212 | ES    |   | 1517 | 37.78 | -0.05 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 219  | 212 | EP    |   | 1517 | 24.45 | -0.00 |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 219  | 212 | ES    |   | 1517 | 48.82 | 0.05  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 242  | 211 | EP    |   | 1517 | 27.19 | -0.10 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 270  | 204 | EP    |   | 1517 | 30.85 | 0.01  |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 270  | 204 | ES    |   | 1517 | 59.90 | 0.00  |      |      |      |     |      |      | 1.0 |



May 5 2014 Hour: 15:23 52.2 Lat: 33.79N Lon: 35.78E Depth: 5 Agency: REL Local  
Magnitudes: 2.7MC REL Rms: 0.0 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 18   | 316 | EP    |   | 1523 | 55.22 | 0.00  | 38   |      |      |     |      |      | 1.0 |
| DQRL | SZ | 22   | 245 | EP    |   | 1523 | 55.90 | -0.01 |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 22   | 245 | ES    |   | 1523 | 58.64 | 0.00  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 33   | 172 | EP    |   | 1523 | 57.60 | -0.04 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 33   | 172 | ES    |   | 1524 | 1.66  | 0.01  |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 49   | 184 | EP    |   | 1524 | 0.25  | 0.03  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 56   | 15  | EP    |   | 1524 | 1.33  | 0.00  |      |      |      |     |      |      | 1.0 |

May 5 2014 Hour: 15:53 19.5 Lat: 34.21N Lon: 36.52E Depth: 9 Agency: REL Local  
Magnitudes: 2.9MC REL Rms: 0.0 secs

HERMEL BAALBEK REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 53   | 278 | EP    |   | 1553 | 28.24 | -0.01 | 50   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 53   | 278 | ES    |   | 1553 | 34.72 | 0.01  |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 87   | 247 | EP    |   | 1553 | 33.58 | 0.00  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 101  | 219 | EP    |   | 1553 | 35.70 | -0.04 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 101  | 219 | ES    |   | 1553 | 47.73 | -0.01 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 119  | 217 | EP    |   | 1553 | 38.48 | 0.05  |      |      |      |     |      |      | 1.0 |

May 5 2014 Hour: 16:31 25.0 Lat: 34.66N Lon: 36.25E Depth: 3 Agency: REL Local  
Magnitudes: 3.0MC REL Rms: 0.0 secs

NORTH LEBANON

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 51   | 214 | EP    |   | 1631 | 33.09 | -0.07 | 55   |      |      |     |      |      | 1.0 |
| HWQ  | SE | 51   | 214 | ES    |   | 1631 | 39.25 | 0.03  |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 100  | 213 | EP    |   | 1631 | 41.13 | 0.01  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 123  | 211 | EP    |   | 1631 | 44.81 | 0.06  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 123  | 211 | ES    |   | 1631 | 59.35 | -0.03 |      |      |      |     |      |      | 1.0 |

May 6 2014 Hour: 4:32 6.6 Agency: REL Distant  
EMSC OT=04:32:06.6 20.13S 177.69W 553Km M=5.3 FIJI REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| HWQ  | SZ |      |     | EP    |   | 450  | 48.76 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 450  | 49.79 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 450  | 50.40 |      |      |      |      |     |      |      |    |
| DQRL | SZ |      |     | EP    |   | 450  | 50.54 |      |      |      |      |     |      |      |    |

May 6 2014 Hour: 6:36 16.5 Lat: 33.76N Lon: 35.93E Depth: 6 Agency: REL Local  
Magnitudes: 2.6MC REL Rms: 0.0 secs

CENTRAL BEKAA

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 30   | 303 | EP    |   | 636  | 21.50 | 0.01  |      |      |      |     |      |      | 1.0 |
| BHL  | BE | 30   | 303 | ES    |   | 636  | 25.20 | 0.00  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 30   | 197 | EP    |   | 636  | 21.43 | -0.09 | 34   |      |      |     |      |      | 1.0 |
| RCY  | SN | 30   | 197 | ES    |   | 636  | 25.29 | 0.03  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 34   | 260 | EP    |   | 636  | 22.03 | -0.02 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 49   | 201 | EP    |   | 636  | 24.50 | 0.08  |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 49   | 201 | ES    |   | 636  | 30.27 | -0.02 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 58   | 2   | EP    |   | 636  | 25.89 | 0.03  |      |      |      |     |      |      | 0.2 |

May 6 2014 Hour: 9:53 23.8 Lat: 33.88N Lon: 35.84E Depth: 3 Agency: REL Local  
Magnitudes: 2.7MC REL Rms: 0.0 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 18   | 279 | EP    |   | 953  | 26.68 | -0.06 | 39   |      |      |     |      |      | 1.0 |
| BHL  | BN | 18   | 279 | ES    |   | 953  | 28.92 | 0.02  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 32   | 233 | EP    |   | 953  | 29.03 | 0.07  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 32   | 233 | ES    |   | 953  | 32.76 | -0.02 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 42   | 181 | EP    |   | 953  | 30.63 | -0.06 |      |      |      |     |      |      | 1.0 |

|     |    |    |     |    |  |     |       |      |  |  |  |  |  |  |  |  |  |     |
|-----|----|----|-----|----|--|-----|-------|------|--|--|--|--|--|--|--|--|--|-----|
| RCY | SN | 42 | 181 | ES |  | 953 | 35.81 | 0.03 |  |  |  |  |  |  |  |  |  | 1.0 |
| HWQ | SZ | 45 | 12  | EP |  | 953 | 31.18 | 0.02 |  |  |  |  |  |  |  |  |  | 1.0 |

May 9 2014 Hour: 10:32 21.1 Agency: REL Distant

EMSC OT=10:32:21.1 18.96S 175.58W 169Km M=5.9 TONGA

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| SHBL | BZ |      |     | EP    |   | 1051 | 46.53 |      |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EP    |   | 1051 | 47.90 |      |      |      |      |     |      |      |    |
| DQRL | SZ |      |     | EP    |   | 1051 | 48.53 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 1051 | 47.67 |      |      |      |      |     |      |      |    |

May 9 2014 Hour: 13:11 1.9 Lat: 33.45N Lon: 35.73E Depth: 15 Agency: REL Local  
Magnitudes: 2.7MC REL Rms: 0.0 secs

MOUNT HERMON REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 11   | 62  | EP    |   | 1311 | 5.08  | -0.00 | 37   |      |      |     |      |      | 1.0 |
| SHBL | BZ | 11   | 173 | EP    |   | 1311 | 5.06  | -0.03 |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 11   | 173 | ES    |   | 1311 | 7.47  | 0.02  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 32   | 333 | EP    |   | 1311 | 7.67  | 0.03  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 32   | 333 | ES    |   | 1311 | 11.88 | -0.02 |      |      |      |     |      |      | 1.0 |

May 10 2014 Hour: 14:56 30.2 Lat: 33.84N Lon: 35.73E Depth: 35 Agency: REL Local  
Magnitudes: 2.7MC REL Rms: 0.0 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 10   | 317 | EP    |   | 1456 | 35.91 | -0.05 | 38   |      |      |     |      |      | 1.0 |
| BHL  | BN | 10   | 317 | ES    |   | 1456 | 40.21 | 0.00  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 21   | 224 | EP    |   | 1456 | 36.58 | -0.02 |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 21   | 224 | ES    |   | 1456 | 41.35 | 0.04  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 39   | 165 | EP    |   | 1456 | 38.41 | -0.00 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 53   | 23  | EP    |   | 1456 | 39.96 | 0.03  |      |      |      |     |      |      | 1.0 |

May 11 2014 Hour: 12:14 5.3 Lat: 33.81N Lon: 35.76E Depth: 17 Agency: REL Local  
Magnitudes: 2.7MC REL Rms: 0.0 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 15   | 317 | EP    |   | 1214 | 8.97  | -0.03 | 40   |      |      |     |      |      | 1.0 |
| BHL  | BN | 15   | 317 | ES    |   | 1214 | 11.75 | 0.01  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 21   | 238 | EP    |   | 1214 | 9.70  | 0.01  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 21   | 238 | ES    |   | 1214 | 12.96 | 0.01  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 35   | 169 | EP    |   | 1214 | 11.56 | -0.01 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 35   | 169 | ES    |   | 1214 | 16.22 | 0.00  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 55   | 18  | EP    |   | 1214 | 14.61 | 0.20  |      |      |      |     |      |      | 0.2 |

May 11 2014 Hour: 12:41 10.6 Lat: 33.47N Lon: 35.69E Depth: 5 Agency: REL Local  
Magnitudes: 2.7MC REL Rms: 0.0 secs

MOUNT HERMON REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 14   | 77  | EP    |   | 1241 | 13.07 | -0.01 | 42   |      |      |     |      |      | 1.0 |
| SHBL | BZ | 14   | 160 | EP    |   | 1241 | 13.15 | -0.01 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 14   | 160 | ES    |   | 1241 | 15.03 | 0.01  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 29   | 337 | EP    |   | 1241 | 15.34 | -0.02 |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 29   | 337 | ES    |   | 1241 | 18.87 | 0.00  |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 49   | 356 | EP    |   | 1241 | 18.54 | 0.03  |      |      |      |     |      |      | 1.0 |

May 11 2014 Hour: 14:0 14.7 Lat: 33.79N Lon: 35.77E Depth: 12 Agency: REL Local  
Magnitudes: 2.7MC REL Rms: 0.0 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA  | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| BHL  | BZ | 17   | 318 | EP    |   | 14   | 0     | 18.12 | -0.00 | 39   |      |     |      |      | 1.0 |
| BHL  | BN | 17   | 318 | ES    |   | 14   | 0     | 20.73 | 0.04  |      |      |     |      |      | 1.0 |
| DQRL | SZ | 21   | 243 | EP    |   | 14   | 0     | 18.71 | -0.04 |      |      |     |      |      | 1.0 |
| DQRL | SN | 21   | 243 | ES    |   | 14   | 0     | 21.77 | -0.01 |      |      |     |      |      | 1.0 |
| BEYL | SZ | 27   | 288 | EP    |   | 14   | 0     | 19.53 | -0.01 |      |      |     |      |      | 1.0 |

|     |    |    |     |    |  |    |   |       |       |  |  |  |  |  |  |  |  |     |
|-----|----|----|-----|----|--|----|---|-------|-------|--|--|--|--|--|--|--|--|-----|
| RCY | SZ | 34 | 170 | EP |  | 14 | 0 | 20.58 | 0.05  |  |  |  |  |  |  |  |  | 1.0 |
| RCY | SN | 34 | 170 | ES |  | 14 | 0 | 24.85 | -0.02 |  |  |  |  |  |  |  |  | 1.0 |
| HWQ | SZ | 56 | 16  | EP |  | 14 | 0 | 23.92 | -0.03 |  |  |  |  |  |  |  |  | 1.0 |

**May 11 2014 Hour: 15:36 26.2 Lat: 34.06N Lon: 35.92E Depth: 14 Agency: REL Local**  
**Magnitudes: 2.8MC REL Rms: 0.1 secs**

**KESROUANE**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 25   | 7   | EP    |   | 1536 | 30.80 | -0.02 | 46   |      |      |     |      |      | 1.0 |
| BHL  | BZ | 30   | 235 | EP    |   | 1536 | 31.43 | -0.08 |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 30   | 235 | ES    |   | 1536 | 35.51 | 0.05  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 51   | 219 | EP    |   | 1536 | 34.74 | 0.16  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 51   | 219 | ES    |   | 1536 | 40.71 | -0.10 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 63   | 187 | EP    |   | 1536 | 36.38 | -0.03 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 63   | 187 | ES    |   | 1536 | 44.00 | 0.01  |      |      |      |     |      |      | 1.0 |

**May 12 2014 Hour: 0:54 33.1 Agency: REL Distant**

**EMSC OT=00:54:33.1 39.76N 20.27E 4Km M=5.0 ALBANIA**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| HWQ  | SZ |      |     | EP    |   | 057  | 46.89 |      |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EP    |   | 057  | 49.99 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 057  | 49.91 |      |      |      |      |     |      |      |    |

**May 12 2014 Hour: 14:54 56.5 Lat: 33.44N Lon: 35.63E Depth: 5 Agency: REL Local**  
**Magnitudes: 2.4MC REL Rms: 0.0 secs**

**MOUNT HERMON REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| QRWL | SZ | 13   | 23  | EP    |   | 1454 | 58.66 | -0.09 | 27   |      |      |     |      |      | 1.0 |
| QRWL | SN | 13   | 23  | ES    |   | 1455 | 0.43  | 0.02  |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 15   | 134 | EP    |   | 1454 | 59.10 | -0.04 |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 15   | 134 | ES    |   | 1455 | 1.13  | 0.03  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 20   | 73  | EP    |   | 1454 | 59.93 | 0.02  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 30   | 349 | EP    |   | 1455 | 1.43  | 0.06  |      |      |      |     |      |      | 1.0 |

**May 13 2014 Hour: 1:11 50.0 Agency: RE Distant**

**EMSC OT=01:11:50.0 34.57N 32.66E 5Km M=3.4 CYPRUS REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| QRWL | SZ |      |     | EP    |   | 112  | 33.86 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EP    |   | 112  | 33.93 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 112  | 36.02 |      |      |      |      |     |      |      |    |

**May 13 2014 Hour: 1:12 7.3 Agency: REL Regional**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| QRWL | SZ |      |     | EP    |   | 112  | 33.86 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EP    |   | 112  | 33.93 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 112  | 36.02 |      |      |      |      |     |      |      |    |

**May 13 2014 Hour: 3:31 0.0 Agency: REL Regional**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| RCY  | SZ |      |     | EP    |   | 331  | 42.06 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 331  | 41.90 |      |      |      |      |     |      |      |    |

**May 13 2014 Hour: 10:33 0.0 Agency: REL Local**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| HWQ  | SZ |      |     | EP    |   | 1033 | 42.47 |      |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EP    |   | 1033 | 50.11 |      |      |      |      |     |      |      |    |

**May 13 2014 Hour: 16:10 53.8 Lat: 33.78N Lon: 35.78E Depth: 0 Agency: REL Local**  
**Magnitudes: 3.0MC REL Rms: 0.1 secs**

**BEIRUT REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 18   | 320 | EP    |   | 1610 | 56.64 | -0.08 | 63   |      |      |     |      |      | 1.0 |
| BHL  | BN | 18   | 320 | ES    |   | 1610 | 58.89 | 0.02  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 21   | 247 | EP    |   | 1610 | 57.29 | 0.08  |      |      |      |     |      |      | 1.0 |

|      |    |    |     |    |  |      |       |       |  |  |  |  |  |  |  |  |     |
|------|----|----|-----|----|--|------|-------|-------|--|--|--|--|--|--|--|--|-----|
| DQRL | SN | 21 | 247 | ES |  | 1610 | 59.70 | -0.03 |  |  |  |  |  |  |  |  | 1.0 |
| QRWL | SZ | 27 | 199 | EP |  | 1610 | 58.13 | -0.09 |  |  |  |  |  |  |  |  | 1.0 |
| QRWL | SN | 27 | 199 | ES |  | 1611 | 1.52  | 0.04  |  |  |  |  |  |  |  |  | 1.0 |
| BEYL | SZ | 28 | 291 | EP |  | 1610 | 58.25 | -0.14 |  |  |  |  |  |  |  |  | 0.2 |
| RCY  | SZ | 32 | 171 | EP |  | 1610 | 58.92 | -0.04 |  |  |  |  |  |  |  |  | 1.0 |
| RCY  | SN | 32 | 171 | ES |  | 1611 | 2.71  | -0.06 |  |  |  |  |  |  |  |  | 1.0 |
| SHBL | BZ | 48 | 184 | EP |  | 1611 | 1.65  | 0.09  |  |  |  |  |  |  |  |  | 1.0 |
| HWQ  | SZ | 57 | 16  | EP |  | 1611 | 3.57  | 0.51  |  |  |  |  |  |  |  |  | 0.2 |

May 14 2014 Hour: 1:51<del>56</del> Agency: REN Distant  
**EMSC OT=01:51:34.3 27.61S 178.73W 384Km M=5.2 KERMADEC REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| RCY  | SZ |      |     | EP    |   | 210  | 40.80 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 210  | 40.77 |      |      |      |      |     |      |      |    |
| QRWL | SZ |      |     | EP    |   | 210  | 40.82 |      |      |      |      |     |      |      |    |
| DQRL | SZ |      |     | EP    |   | 210  | 41.14 |      |      |      |      |     |      |      |    |

May 14 2014 Hour: 7:50 6.9 Lat: 33.56N Lon: 35.74E Depth: 7 Agency: REL Local  
**Magnitudes: 2.7MC REL Rms: 0.0 secs**

**CENTRAL BEKAA**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| RCY  | SZ | 11   | 129 | EP    |   | 750  | 9.18  | -0.02 | 42   |      |      |     |      |      | 1.0 |
| RCY  | SN | 11   | 129 | ES    |   | 750  | 10.87 | 0.01  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 23   | 315 | EP    |   | 750  | 10.91 | 0.04  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 23   | 315 | ES    |   | 750  | 13.74 | -0.03 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 23   | 180 | EP    |   | 750  | 10.90 | -0.06 |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 23   | 180 | ES    |   | 750  | 13.98 | 0.04  |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 39   | 348 | EP    |   | 750  | 13.42 | 0.02  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 82   | 13  | EP    |   | 750  | 20.20 | -0.02 |      |      |      |     |      |      | 0.2 |

May 14 2014 Hour: 15:58 47.8 Lat: 35.93N Lon: 36.66E Depth: 15 Agency: REL Regional  
**Magnitudes: 3.4MC REL Rms: 0.1 secs**

**SYRIA**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | BZ | 194  | 200 | EP    |   | 1559 | 16.57 | 0.06  | 86   |      |      |     |      |      | 1.0 |
| HWQ  | BN | 194  | 200 | ES    |   | 1559 | 37.76 | -0.03 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 243  | 203 | EP    |   | 1559 | 22.53 | 0.03  |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 243  | 203 | ES    |   | 1559 | 48.24 | 0.03  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 266  | 202 | EP    |   | 1559 | 25.30 | -0.09 |      |      |      |     |      |      | 1.0 |

May 15 2014 Hour: 9:53 43.4 Lat: 33.80N Lon: 35.78E Depth: 18 Agency: REL Local  
**Magnitudes: 2.6MC REL Rms: 0.0 secs**

**BEIRUT REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 17   | 314 | EP    |   | 953  | 47.43 | -0.01 | 36   |      |      |     |      |      | 1.0 |
| BHL  | BE | 17   | 314 | ES    |   | 953  | 50.42 | -0.00 |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 22   | 242 | EP    |   | 953  | 48.05 | -0.04 |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 22   | 242 | ES    |   | 953  | 51.58 | 0.03  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 34   | 172 | EP    |   | 953  | 49.67 | 0.03  |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 34   | 172 | ES    |   | 953  | 54.23 | -0.02 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 55   | 16  | EP    |   | 953  | 52.58 | 0.01  |      |      |      |     |      |      | 1.0 |

May 15 2014 Hour: 10:16 43.3 Agency: REL Distant  
**EMSC OT=10:16:43.3 09.41N 122.14E 20Km M=6.2 NEGROS,PHILIPPINES**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| HWQ  | SZ |      |     | EP    |   | 1029 | 0.55  |      |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EP    |   | 1029 | 2.05  |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 1029 | 2.25  |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 1029 | 2.32  |      |      |      |      |     |      |      |    |

May 15 2014 Hour: 15:12 47.6 Lat: 33.46N Lon: 35.58E Depth: 15 Agency: REL Local  
Magnitudes: 2.4MC REL Rms: 0.1 secs

SAIDA REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| SHBL | BZ | 20   | 129 | EP    |   | 1512 | 51.78 | 0.02  |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 20   | 129 | ES    |   | 1512 | 54.78 | -0.03 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 24   | 80  | EP    |   | 1512 | 52.38 | 0.04  | 25   |      |      |     |      |      | 1.0 |
| RCY  | SN | 24   | 80  | ES    |   | 1512 | 55.81 | -0.01 |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 27   | 359 | EP    |   | 1512 | 52.70 | -0.00 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 50   | 8   | EP    |   | 1512 | 55.58 | -0.38 |      |      |      |     |      |      | 0.2 |

May 15 2014 Hour: 15:57 27.6 Lat: 33.78N Lon: 35.77E Depth: 3 Agency: REL Local  
Magnitudes: 2.8MC REL Rms: 0.0 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 18   | 321 | EP    |   | 1557 | 30.49 | -0.02 | 46   |      |      |     |      |      | 1.0 |
| BHL  | BE | 18   | 321 | ES    |   | 1557 | 32.69 | 0.02  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 21   | 246 | EP    |   | 1557 | 31.00 | -0.00 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 32   | 170 | EP    |   | 1557 | 32.87 | 0.04  |      |      |      |     |      |      | 1.0 |
| RCY  | SE | 32   | 170 | ES    |   | 1557 | 36.69 | -0.02 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 57   | 16  | EP    |   | 1557 | 36.86 | -0.00 |      |      |      |     |      |      | 1.0 |

May 15 2014 Hour: 16:17 55.8 Lat: 33.78N Lon: 35.78E Depth: 0 Agency: REL Local  
Magnitudes: 2.6MC REL Rms: 0.0 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 18   | 319 | EP    |   | 1617 | 58.57 | -0.04 | 36   |      |      |     |      |      | 1.0 |
| DQRL | SZ | 21   | 246 | EP    |   | 1617 | 59.18 | -0.03 |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 21   | 246 | ES    |   | 1618 | 1.80  | 0.04  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 32   | 171 | EP    |   | 1618 | 1.03  | 0.04  |      |      |      |     |      |      | 1.0 |
| RCY  | SE | 32   | 171 | ES    |   | 1618 | 4.82  | -0.04 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 57   | 16  | EP    |   | 1618 | 4.95  | 0.03  |      |      |      |     |      |      | 1.0 |

May 15 2014 Hour: 23: 7 9.4 Lat: 33.79N Lon: 35.81E Depth: 0 Agency: REL Local  
Magnitudes: 2.9MC REL Rms: 0.1 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 19   | 311 | EP    |   | 23 7 | 12.36 | -0.06 | 53   |      |      |     |      |      | 1.0 |
| BHL  | BE | 19   | 311 | ES    |   | 23 7 | 14.70 | 0.04  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 24   | 246 | EP    |   | 23 7 | 13.16 | -0.12 |      |      |      |     |      |      | 1.0 |
| BEYL | SZ | 30   | 287 | EP    |   | 23 7 | 14.36 | 0.07  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 33   | 175 | EP    |   | 23 7 | 14.65 | -0.08 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 33   | 175 | ES    |   | 23 7 | 18.72 | 0.03  |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 50   | 187 | EP    |   | 23 7 | 17.41 | -0.01 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 55   | 13  | EP    |   | 23 7 | 18.30 | 0.00  |      |      |      |     |      |      | 1.0 |

May 16 2014 Hour: 6:59 44.3 Lat: 33.87N Lon: 35.83E Depth: 0 Agency: REL Local  
Magnitudes: 2.8MC REL Rms: 0.1 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 16   | 282 | EP    |   | 659  | 46.82 | -0.11 | 45   |      |      |     |      |      | 1.0 |
| BHL  | BE | 16   | 282 | ES    |   | 659  | 48.92 | 0.03  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 30   | 232 | EP    |   | 659  | 49.21 | 0.06  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 42   | 179 | EP    |   | 659  | 50.98 | -0.03 |      |      |      |     |      |      | 1.0 |
| RCY  | SE | 42   | 179 | ES    |   | 659  | 56.00 | 0.01  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 46   | 14  | EP    |   | 659  | 51.79 | 0.04  |      |      |      |     |      |      | 1.0 |

May 16 2014 Hour: 11:141.2 Agency: REL Distant  
**EMSC OT=11:01:41.2 17.07N 60.36W 10Km M=5.9 ANTIGUA REGION**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 1114 18.74

May 16 2014 Hour: 13:47 4.9 Lat: 33.48N Lon: 35.68E Depth: 4 Agency: REL Local  
**Magnitudes: 2.4MC REL Rms: 0.0 secs**  
**MOUNT HERMON REGION**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 QRWL SZ 8 359 EP 1347 6.40-0.06 26 1.0  
 QRWL SN 8 359 ES 1347 7.63 0.02 1.0  
 RCY SZ 14 81 EP 1347 7.42 0.01 1.0  
 SHBL BZ 15 158 EP 1347 7.55-0.01 1.0  
 SHBL BN 15 158 ES 1347 9.53 0.01 1.0  
 DQRL SZ 28 338 EP 1347 9.47 0.03 1.0

May 16 2014 Hour: 15:34 9.1 Lat: 33.79N Lon: 35.79E Depth: 1 Agency: REL Local  
**Magnitudes: 2.1MC REL Rms: 0.1 secs**  
**BEIRUT REGION**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ 18 316 EP 1534 11.95-0.06 18 1.0  
 DQRL SZ 22 246 EP 1534 12.62-0.08 1.0  
 DQRL SN 22 246 ES 1534 15.43 0.08 1.0  
 RCY SZ 33 172 EP 1534 14.41 0.01 1.0  
 RCY SN 33 172 ES 1534 18.29-0.02 1.0  
 HWQ SZ 56 15 EP 1534 18.26 0.06 1.0

May 16 2014 Hour: 18:12 19.7 Lat: 34.83N Lon: 34.26E Depth: 0 Agency: REL Regional  
**Magnitudes: 3.5MC REL Rms: 0.0 secs**  
**CYPRUS REGION**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ 164 128 EP 1812 45.68-0.08 1.0  
 HWQ BZ 166 111 EP 1812 46.09 0.01 100 1.0  
 HWQ BN 166 111 ES 1813 5.62 0.01 1.0  
 DQRL SZ 174 136 EP 1812 47.18 0.06 1.0  
 RCY SZ 207 135 EP 1812 51.58-0.02 1.0  
 RCY SN 207 135 ES 1813 15.21-0.00 1.0  
 SHBL BZ 214 140 EP 1812 52.45 0.03 1.0  
 SHBL BN 214 140 ES 1813 16.64-0.01 1.0

May 17 2014 Hour: 14:1 9.5 Lat: 33.47N Lon: 35.70E Depth: 2 Agency: REL Local  
**Magnitudes: 2.6MC REL Rms: 0.1 secs**  
**MOUNT HERMON REGION**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 QRWL SZ 9 348 EP 14 1 10.94-0.09 1.0  
 QRWL SN 9 348 ES 14 1 12.16 0.01 1.0  
 RCY SZ 13 77 EP 14 1 11.69 0.02 33 1.0  
 SHBL BZ 14 164 EP 14 1 11.77-0.12 1.0  
 SHBL BE 14 164 ES 14 1 13.72 0.08 1.0  
 DQRL SZ 29 335 EP 14 1 14.29 0.09 1.0

May 18 2014 Hour: 1:2 28.3 Agency: REL Distant  
**EMSC OT=01:02:28.3 04.31N 92.73E 2Km M=6.0 NORTHERN SUMATRA**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 SHBL BZ EP 112 39.71  
 QRWL SZ EP 112 40.51  
 BHL BZ EP 112 41.26  
 DQRL SZ EP 112 41.80

May 19 2014 Hour: 14:17 59.2 Lat: 33.47N Lon: 35.69E Depth: 1 Agency: REL Local  
Magnitudes: 2.6MC REL Rms: 0.1 secs

**MOUNT HERMON REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| QRWL | SZ | 8    | 353 | EP    |   | 1418 | 0.55  | -0.11 |      |      |      |     |      |      | 1.0 |
| QRWL | SE | 8    | 353 | ES    |   | 1418 | 1.76  | 0.03  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 14   | 78  | EP    |   | 1418 | 1.49  | 0.02  | 34   |      |      |     |      |      | 1.0 |
| SHBL | BZ | 15   | 161 | EP    |   | 1418 | 1.55  | -0.07 |      |      |      |     |      |      | 1.0 |
| SHBL | BE | 15   | 161 | ES    |   | 1418 | 3.44  | 0.05  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 28   | 336 | EP    |   | 1418 | 3.90  | 0.08  |      |      |      |     |      |      | 1.0 |

May 19 2014 Hour: 16:26 2.6 Lat: 33.83N Lon: 35.77E Depth: 30 Agency: REL Local  
Magnitudes: 2.6MC REL Rms: 0.0 secs

**BEIRUT REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 14   | 307 | EP    |   | 1626 | 7.90  | 0.01  | 35   |      |      |     |      |      | 1.0 |
| DQRL | SZ | 23   | 233 | EP    |   | 1626 | 8.60  | -0.01 |      |      |      |     |      |      | 1.0 |
| DQRL | SE | 23   | 233 | ES    |   | 1626 | 13.09 | 0.00  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 38   | 171 | EP    |   | 1626 | 10.18 | 0.01  |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 38   | 171 | ES    |   | 1626 | 15.79 | -0.01 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 52   | 18  | EP    |   | 1626 | 11.96 | -0.01 |      |      |      |     |      |      | 1.0 |

May 21 2014 Hour: 0:21 13.3 Agency: RE Distant

**EMSC OT=00:21:13.3 23.71N 121.56E 10Km M=5.5 TAIWAN**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| SHBL | BZ |      |     | EP    |   | 032  | 48.99 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 032  | 48.04 |      |      |      |      |     |      |      |    |

May 21 2014 Hour: 15:23 17.3 Lat: 33.83N Lon: 35.78E Depth: 23 Agency: REL Local  
Magnitudes: 2.7MC REL Rms: 0.1 secs

**BEIRUT REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 14   | 305 | EP    |   | 1523 | 21.77 | 0.10  | 39   |      |      |     |      |      | 1.0 |
| BHL  | BE | 14   | 305 | ES    |   | 1523 | 24.85 | -0.08 |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 24   | 234 | EP    |   | 1523 | 22.45 | -0.15 |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 24   | 234 | ES    |   | 1523 | 26.66 | 0.11  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 38   | 172 | EP    |   | 1523 | 24.29 | -0.01 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 52   | 17  | EP    |   | 1523 | 26.20 | 0.03  |      |      |      |     |      |      | 1.0 |

May 22 2014 Hour: 7:19 3.3 Lat: 33.42N Lon: 35.53E Depth: 10 Agency: REL Local  
Magnitudes: 2.4MC REL Rms: 0.0 secs

**SAIDA REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| QRWL | SZ | 20   | 44  | EP    |   | 719  | 7.04  | -0.00 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 21   | 111 | EP    |   | 719  | 7.29  | 0.04  |      |      |      |     |      |      | 1.0 |
| SHBL | BE | 21   | 111 | ES    |   | 719  | 10.15 | -0.02 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 30   | 73  | EP    |   | 719  | 8.42  | -0.04 | 25   |      |      |     |      |      | 1.0 |
| RCY  | SE | 30   | 73  | ES    |   | 719  | 12.31 | 0.02  |      |      |      |     |      |      | 1.0 |

May 22 2014 Hour: 13:7 49.4 Lat: 33.78N Lon: 35.75E Depth: 11 Agency: REL Local  
Magnitudes: 2.7MC REL Rms: 0.0 secs

**BEIRUT REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 16   | 326 | EP    |   | 13 7 | 52.61 | -0.09 | 41   |      |      |     |      |      | 1.0 |
| BHL  | BN | 16   | 326 | ES    |   | 13 7 | 55.16 | 0.03  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 19   | 242 | EP    |   | 13 7 | 53.12 | 0.04  |      |      |      |     |      |      | 1.0 |
| QRWL | SZ | 27   | 193 | EP    |   | 13 7 | 54.25 | 0.01  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 33   | 166 | EP    |   | 13 7 | 55.13 | -0.03 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 33   | 166 | ES    |   | 13 7 | 59.41 | 0.01  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 58   | 18  | EP    |   | 13 7 | 58.98 | 0.04  |      |      |      |     |      |      | 1.0 |



May 22 2014 Hour: 15:121.2 Lat: 33.45N Lon: 35.64E Depth: 1 Agency: REL Local  
Magnitudes: 2.7MC REL Rms: 0.0 secs

**MOUNT HERMON REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA  | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| QRWL | SZ | 12   | 19  | EP    |   | 15   | 1     | 23.10 | -0.05 |      | 40   |     |      |      | 1.0 |
| QRWL | SN | 12   | 19  | ES    |   | 15   | 1     | 24.59 | 0.01  |      |      |     |      |      | 1.0 |
| SHBL | BZ | 15   | 139 | EP    |   | 15   | 1     | 23.64 | -0.01 |      |      |     |      |      | 1.0 |
| SHBL | BN | 15   | 139 | ES    |   | 15   | 1     | 25.46 | 0.01  |      |      |     |      |      | 1.0 |
| RCY  | SZ | 19   | 74  | EP    |   | 15   | 1     | 24.32 | 0.01  |      |      |     |      |      | 1.0 |
| DQRL | SZ | 29   | 347 | EP    |   | 15   | 1     | 25.99 | 0.03  |      |      |     |      |      | 1.0 |

May 22 2014 Hour: 15:23 37.0 Lat: 34.03N Lon: 36.21E Depth: 42 Agency: REL Local  
Magnitudes: 2.8MC REL Rms: 0.1 secs

**HERMEL BAALBEK REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 37   | 318 | EP    |   | 1523 | 45.38 | 0.01  |      | 42   |      |     |      |      | 1.0 |
| HWQ  | SN | 37   | 318 | ES    |   | 1523 | 51.60 | 0.01  |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 53   | 255 | EP    |   | 1523 | 46.96 | -0.10 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 69   | 210 | EP    |   | 1523 | 48.85 | -0.02 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 69   | 210 | ES    |   | 1523 | 57.69 | 0.01  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 69   | 239 | EP    |   | 1523 | 48.98 | 0.09  |      |      |      |     |      |      | 1.0 |

May 23 2014 Hour: 1:52 0.0 Agency: REL Regional

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| SHBL | BZ |      |     | EP    |   | 152  | 32.40 |      |      |      |      |     |      |      |    |
| DQRL | SZ |      |     | EP    |   | 152  | 38.13 |      |      |      |      |     |      |      |    |

May 23 2014 Hour: 19:42 28.0 Agency: REL Distant  
**EMSC OT=19:42:28.0 56.10N 114.08E 10Km M=5.4 BURYATIYA, RUSSIA**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| HWQ  | BZ |      |     | EP    |   | 1952 | 5.91  |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 1952 | 8.79  |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 1952 | 11.86 |      |      |      |      |     |      |      |    |

May 23 2014 Hour: 20:49 23.8 Agency: REL Distant  
**EMSC OT=20:49:23.8 25.01N 97.93E 10Km M=5.8 MYANMAR REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| HWQ  | BZ |      |     | EP    |   | 2058 | 47.65 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 2058 | 49.27 |      |      |      |      |     |      |      |    |

May 24 2014 Hour: 3:2 27.5 Lat: 33.52N Lon: 35.29E Depth: 2 Agency: REL Local  
Magnitudes: 2.2MC REL Rms: 0.0 secs

**OFFSHORE SOUTH LEBANON**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA  | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| DQRL | SZ | 34   | 52  | EP    |   | 3    | 2     | 32.95 | -0.00 |      |      |     |      |      | 1.0 |
| DQRL | SN | 34   | 52  | ES    |   | 3    | 2     | 36.98 | -0.00 |      |      |     |      |      | 1.0 |
| QRWL | SZ | 37   | 85  | EP    |   | 3    | 2     | 33.49 | 0.01  |      | 19   |     |      |      | 1.0 |
| QRWL | SN | 37   | 85  | ES    |   | 3    | 2     | 37.90 | -0.01 |      |      |     |      |      | 1.0 |
| SHBL | BZ | 47   | 114 | EP    |   | 3    | 2     | 35.03 | 0.00  |      |      |     |      |      | 1.0 |

May 24 2014 Hour: 4:13 46.3 Lat: 33.82N Lon: 35.80E Depth: 0 Agency: REL Local  
Magnitudes: 2.8MC REL Rms: 0.1 secs

**BEIRUT REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 16   | 306 | EP    |   | 413  | 48.80 | -0.09 |      | 48   |      |     |      |      | 1.0 |
| BHL  | BN | 16   | 306 | ES    |   | 413  | 50.85 | 0.03  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 24   | 239 | EP    |   | 413  | 50.29 | 0.06  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 24   | 239 | ES    |   | 413  | 53.14 | -0.01 |      |      |      |     |      |      | 1.0 |
| QRWL | SZ | 32   | 199 | EP    |   | 413  | 51.43 | -0.01 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 36   | 174 | EP    |   | 413  | 52.04 | -0.06 |      | 43   |      |     |      |      | 1.0 |
| RCY  | SN | 36   | 174 | ES    |   | 413  | 56.40 | -0.00 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 53   | 185 | EP    |   | 413  | 54.77 | 0.01  |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 53   | 185 | ES    |   | 414  | 1.02  | -0.00 |      |      |      |     |      |      | 1.0 |



HWQ SZ 53 15 EP 413 54.82 0.03 1.0

May 24 2014 Hour: 7:27 29.9 Lat: 30.49N Lon: 35.46E Depth: 3 Agency: REL Regional  
Magnitudes: 4.3MC REL Rms: 0.3 secs

DEAD SEA REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| SHBL | BZ | 318  | 5   | EP    |   | 728  | 15.27 | 0.09  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 335  | 6   | EP    |   | 728  | 17.37 | 0.06  |      |      |      |     |      |      | 1.0 |
| QRWL | SZ | 340  | 3   | EP    |   | 728  | 17.85 | 0.04  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 357  | 2   | EP    |   | 728  | 20.14 | 0.20  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 357  | 2   | ES    |   | 728  | 56.03 | -0.93 |      |      |      |     |      |      | 1.0 |
| BEYL | SZ | 375  | 0   | EP    |   | 728  | 21.88 | -0.23 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 379  | 3   | EP    |   | 728  | 22.76 | 0.05  | 224  |      |      |     |      |      | 1.0 |
| BHL  | BN | 379  | 3   | ES    |   | 729  | 2.67  | 0.88  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 422  | 6   | EP    |   | 728  | 28.06 | 0.06  |      |      |      |     |      |      | 1.0 |

May 24 2014 Hour: 9:25 2.9 Agency: REL Regional

EMSC OT=09:25:02.9 40.29N 25.40E 27Km M=6.9 AEGEAN SEA

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EP    |   | 927  | 29.16 |      |      |      |      |     |      |      |    |
| HWQ  | SZ |      |     | EP    |   | 927  | 32.87 |      |      |      |      |     |      |      |    |
| QRWL | SZ |      |     | EP    |   | 927  | 33.42 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 927  | 35.08 |      |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EP    |   | 927  | 34.95 |      |      |      |      |     |      |      |    |

May 24 2014 Hour: 12:19 23.9 Lat: 33.78N Lon: 35.77E Depth: 0 Agency: REL Local  
Magnitudes: 2.8MC REL Rms: 0.2 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 17   | 322 | EP    |   | 1219 | 26.58 | -0.11 | 46   |      |      |     |      |      | 1.0 |
| DQRL | SZ | 20   | 246 | EP    |   | 1219 | 27.15 | 0.01  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 20   | 246 | ES    |   | 1219 | 29.64 | 0.09  |      |      |      |     |      |      | 1.0 |
| BEYL | SZ | 27   | 292 | EP    |   | 1219 | 27.38 | -0.93 |      |      |      |     |      |      | 0.2 |
| RCY  | SZ | 32   | 169 | EP    |   | 1219 | 29.01 | -0.06 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 32   | 169 | ES    |   | 1219 | 32.88 | -0.02 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 58   | 17  | EP    |   | 1219 | 33.30 | 0.12  |      |      |      |     |      |      | 1.0 |

May 24 2014 Hour: 14:38 32.4 Lat: 33.80N Lon: 35.78E Depth: 13 Agency: REL Local  
Magnitudes: 2.9MC REL Rms: 0.0 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 17   | 315 | EP    |   | 1438 | 35.97 | -0.00 | 49   |      |      |     |      |      | 1.0 |
| BHL  | BE | 17   | 315 | ES    |   | 1438 | 38.65 | 0.00  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 22   | 243 | EP    |   | 1438 | 36.64 | -0.01 |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 22   | 243 | ES    |   | 1438 | 39.82 | 0.00  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 34   | 172 | EP    |   | 1438 | 38.30 | 0.00  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 56   | 16  | EP    |   | 1438 | 41.55 | 0.00  |      |      |      |     |      |      | 1.0 |

May 25 2014 Hour: 10:22 39.7 Lat: 33.79N Lon: 35.78E Depth: 4 Agency: REL Local  
Magnitudes: 2.6MC REL Rms: 0.0 secs

BEIRUT REGION

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 17   | 316 | EP    |   | 1022 | 42.65 | -0.01 | 35   |      |      |     |      |      | 1.0 |
| DQRL | SZ | 22   | 244 | EP    |   | 1022 | 43.39 | -0.00 |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 22   | 244 | ES    |   | 1022 | 46.12 | 0.01  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 33   | 172 | EP    |   | 1022 | 45.16 | -0.00 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 33   | 172 | ES    |   | 1022 | 49.19 | -0.00 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 56   | 16  | EP    |   | 1022 | 48.80 | 0.01  |      |      |      |     |      |      | 1.0 |

May 25 2014 Hour: 12:22 55.9 Lat: 34.20N Lon: 35.59E Depth: 15 Agency: REL Local  
Magnitudes: 4.2MC REL Rms: 0.3 secs

**KESROUANE**

**Earthquake was felt**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 33   | 170 | EP    |   | 1223 | 1.84  | 0.04  | 316  |      |      |     |      |      | 1.0 |
| BHL  | BN | 33   | 170 | ES    |   | 1223 | 6.30  | 0.16  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 34   | 74  | EP    |   | 1223 | 2.15  | 0.17  |      |      |      |     |      |      | 1.0 |
| BEYL | SZ | 37   | 194 | EP    |   | 1223 | 2.70  | 0.37  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 54   | 182 | EP    |   | 1223 | 4.89  | -0.05 |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 54   | 182 | ES    |   | 1223 | 11.73 | 0.13  |      |      |      |     |      |      | 1.0 |
| QRWL | SZ | 72   | 173 | EP    |   | 1223 | 7.44  | -0.14 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 81   | 164 | EP    |   | 1223 | 8.63  | -0.22 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 81   | 164 | ES    |   | 1223 | 18.38 | -0.03 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 95   | 171 | EP    |   | 1223 | 10.70 | -0.25 |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 95   | 171 | ES    |   | 1223 | 22.05 | -0.01 |      |      |      |     |      |      | 1.0 |

May 25 2014 Hour: 12:57 0.9 Lat: 33.47N Lon: 35.69E Depth: 6 Agency: REL Local  
Magnitudes: 2.5MC REL Rms: 0.1 secs

**MOUNT HERMON REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| QRWL | SZ | 9    | 355 | EP    |   | 1257 | 2.54  | -0.18 | 29   |      |      |     |      |      | 1.0 |
| QRWL | SN | 9    | 355 | ES    |   | 1257 | 4.13  | 0.07  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 14   | 77  | EP    |   | 1257 | 3.48  | 0.02  |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 14   | 159 | EP    |   | 1257 | 3.56  | 0.03  |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 14   | 159 | ES    |   | 1257 | 5.46  | -0.00 |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 29   | 337 | EP    |   | 1257 | 5.72  | 0.07  |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 48   | 356 | EP    |   | 1257 | 8.84  | 0.04  |      |      |      |     |      |      | 0.2 |

May 25 2014 Hour: 15:55 20.3 Lat: 33.97N Lon: 36.20E Depth: 0 Agency: REL Local  
Magnitudes: 2.5MC REL Rms: 0.1 secs

**CENTRAL BEKAA**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 42   | 326 | EP    |   | 1555 | 27.12 | 0.08  | 31   |      |      |     |      |      | 1.0 |
| HWQ  | SN | 42   | 326 | ES    |   | 1555 | 31.93 | -0.08 |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 51   | 262 | EP    |   | 1555 | 28.59 | 0.05  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 62   | 213 | EP    |   | 1555 | 30.27 | -0.08 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 62   | 213 | ES    |   | 1555 | 37.77 | -0.01 |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 65   | 244 | EP    |   | 1555 | 30.87 | 0.04  |      |      |      |     |      |      | 1.0 |

May 26 2014 Hour: 10:33 0.0 Agency: REL Local

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| RCY  | SZ |      |     | EP    |   | 1034 | 19.42 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 1034 | 16.89 |      |      |      |      |     |      |      |    |

May 26 2014 Hour: 11:27 27.5 Lat: 33.58N Lon: 35.71E Depth: 3 Agency: REL Local  
Magnitudes: 2.5MC REL Rms: 0.0 secs

**CENTRAL BEKAA**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| QRWL | SZ | 4    | 216 | EP    |   | 1127 | 28.51 | 0.01  | 32   |      |      |     |      |      | 1.0 |
| QRWL | SN | 4    | 216 | ES    |   | 1127 | 29.21 | -0.01 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 15   | 127 | EP    |   | 1127 | 30.04 | -0.01 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 15   | 127 | ES    |   | 1127 | 31.93 | 0.01  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 19   | 318 | EP    |   | 1127 | 30.70 | 0.00  |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 26   | 173 | EP    |   | 1127 | 31.75 | 0.01  |      |      |      |     |      |      | 1.0 |

May 26 2014 Hour: 11:57 17.3 Lat: 33.47N Lon: 35.66E Depth: 5 Agency: REL Local  
Magnitudes: 2.5MC REL Rms: 0.1 secs

**MOUNT HERMON REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| QRWL | SZ | 8    | 13  | EP    |   | 1157 | 19.00 | -0.02 | 30   |      |      |     |      |      | 1.0 |
| QRWL | SN | 8    | 13  | ES    |   | 1157 | 20.24 | -0.01 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 16   | 151 | EP    |   | 1157 | 20.14 | 0.02  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 16   | 81  | EP    |   | 1157 | 20.09 | -0.10 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 16   | 81  | ES    |   | 1157 | 22.36 | 0.07  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 27   | 342 | EP    |   | 1157 | 21.87 | 0.05  |      |      |      |     |      |      | 1.0 |

May 26 2014 Hour: 13:13 41.6 Lat: 33.38N Lon: 35.42E Depth: 5 Agency: REL Local  
Magnitudes: 2.3MC REL Rms: 0.0 secs

**SOUTH LEBANON**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| QRWL | SZ | 31   | 52  | EP    |   | 1313 | 46.65 | 0.01  | 22   |      |      |     |      |      | 1.0 |
| QRWL | SN | 31   | 52  | ES    |   | 1313 | 50.36 | -0.01 |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 39   | 21  | EP    |   | 1313 | 47.92 | -0.01 |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 39   | 21  | ES    |   | 1313 | 52.63 | 0.01  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 41   | 71  | EP    |   | 1313 | 48.25 | 0.00  |      |      |      |     |      |      | 1.0 |

May 26 2014 Hour: 15:16 13.9 Lat: 33.44N Lon: 35.58E Depth: 14 Agency: REL Local  
Magnitudes: 2.4MC REL Rms: 0.0 secs

**SAIDA REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| QRWL | SZ | 15   | 40  | EP    |   | 1516 | 17.26 | -0.06 | 27   |      |      |     |      |      | 1.0 |
| QRWL | SN | 15   | 40  | ES    |   | 1516 | 19.89 | 0.02  |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 19   | 124 | EP    |   | 1516 | 17.84 | 0.02  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 25   | 76  | EP    |   | 1516 | 18.59 | -0.01 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 25   | 76  | ES    |   | 1516 | 22.09 | 0.00  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 29   | 359 | EP    |   | 1516 | 19.19 | 0.03  |      |      |      |     |      |      | 1.0 |

May 26 2014 Hour: 19:44 37.5 Lat: 33.78N Lon: 35.77E Depth: 3 Agency: REL Local  
Magnitudes: 2.9MC REL Rms: 0.0 secs

**BEIRUT REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 17   | 321 | EP    |   | 1944 | 40.27 | -0.06 | 54   |      |      |     |      |      | 1.0 |
| BHL  | BN | 17   | 321 | ES    |   | 1944 | 42.47 | 0.00  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 20   | 245 | EP    |   | 1944 | 40.88 | 0.04  |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 20   | 245 | ES    |   | 1944 | 43.35 | 0.01  |      |      |      |     |      |      | 1.0 |
| QRWL | SZ | 27   | 197 | EP    |   | 1944 | 41.92 | -0.00 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 32   | 169 | EP    |   | 1944 | 42.80 | 0.07  |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 32   | 169 | ES    |   | 1944 | 46.59 | -0.05 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 48   | 183 | EP    |   | 1944 | 45.26 | -0.02 |      |      |      |     |      |      | 1.0 |
| SHBL | BN | 48   | 183 | ES    |   | 1944 | 51.11 | 0.04  |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 57   | 16  | EP    |   | 1944 | 46.76 | 0.04  |      |      |      |     |      |      | 1.0 |

May 27 2014 Hour: 5:44 32.0 Agency: REL Distant  
EMSC OT=05:44:32.0 26.62N 55.86E 10Km M=5.1 SOUTHERN IRAN

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| SHBL | BZ |      |     | EP    |   | 548  | 49.54 |      |      |      |      |     |      |      |    |
| HWQ  | BZ |      |     | EP    |   | 548  | 50.79 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 548  | 52.57 |      |      |      |      |     |      |      |    |

May 27 2014 Hour: 8:23 48.9 Lat: 33.27N Lon: 35.73E Depth: 6 Agency: REL Local  
Magnitudes: 2.9MC REL Rms: 0.1 secs

**MOUNT HERMON REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| SHBL | BZ | 9    | 10  | EP    |   | 823  | 50.87 | 0.05  | 49   |      |      |     |      |      | 1.0 |
| SHBL | BN | 9    | 10  | ES    |   | 823  | 52.24 | 0.00  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 27   | 22  | EP    |   | 823  | 53.29 | -0.13 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 27   | 22  | ES    |   | 823  | 56.73 | -0.03 |      |      |      |     |      |      | 1.0 |
| QRWL | SZ | 31   | 352 | EP    |   | 823  | 54.13 | 0.11  |      |      |      |     |      |      | 1.0 |

|      |    |     |     |    |  |     |            |    |  |  |  |  |  |  |  |     |
|------|----|-----|-----|----|--|-----|------------|----|--|--|--|--|--|--|--|-----|
| DQRL | SZ | 50  | 343 | EP |  | 823 | 56.82-0.28 | 60 |  |  |  |  |  |  |  | 1.0 |
| DQRL | SN | 50  | 343 | ES |  | 824 | 3.10-0.07  |    |  |  |  |  |  |  |  | 1.0 |
| BHL  | BZ | 70  | 354 | EP |  | 824 | 0.48 0.16  |    |  |  |  |  |  |  |  | 1.0 |
| BHL  | BN | 70  | 354 | ES |  | 824 | 8.94 0.16  |    |  |  |  |  |  |  |  | 1.0 |
| HWQ  | SZ | 113 | 10  | EP |  | 824 | 6.88-0.16  |    |  |  |  |  |  |  |  | 0.2 |

**May 27 2014 Hour: 14:152.5 Lat: 33.48N Lon: 35.67E Depth: 10 Agency: REL Local**  
**Magnitudes: 2.4MC REL Rms: 0.0 secs**

**MOUNT HERMON REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES       | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|------------|------|------|------|-----|------|------|-----|
| QRWL | SZ | 7    | 10  | EP    |   | 14   | 1     | 54.69-0.04 | 26   |      |      |     |      |      | 1.0 |
| QRWL | SN | 7    | 10  | ES    |   | 14   | 1     | 56.37 0.02 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 16   | 84  | EP    |   | 14   | 1     | 55.72 0.02 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 16   | 84  | ES    |   | 14   | 1     | 58.03-0.01 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 16   | 155 | EP    |   | 14   | 1     | 55.80 0.00 |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 27   | 340 | EP    |   | 14   | 1     | 57.20 0.01 |      |      |      |     |      |      | 1.0 |

**May 27 2014 Hour: 23:19 12.9 Lat: 33.80N Lon: 35.80E Depth: 12 Agency: REL Local**  
**Magnitudes: 2.7MC REL Rms: 0.0 secs**

**BEIRUT REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON      | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|------------|------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 18   | 311 | EP    |   | 2319 | 16.46-0.03 | 38   |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 24   | 245 | EP    |   | 2319 | 17.23-0.03 |      |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 24   | 245 | ES    |   | 2319 | 20.57 0.05 |      |      |      |      |     |      |      | 1.0 |
| QRWL | SZ | 30   | 202 | EP    |   | 2319 | 18.04-0.07 |      |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 33   | 175 | EP    |   | 2319 | 18.74 0.07 |      |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 33   | 175 | ES    |   | 2319 | 22.95-0.03 |      |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 50   | 186 | EP    |   | 2319 | 21.24 0.02 |      |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 55   | 14  | EP    |   | 2319 | 22.00 0.02 |      |      |      |      |     |      |      | 1.0 |

**May 28 2014 Hour: 10:45 49.9 Lat: 33.81N Lon: 35.76E Depth: 24 Agency: REL Local**  
**Magnitudes: 2.7MC REL Rms: 0.0 secs**

**BEIRUT REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON      | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|------------|------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 15   | 318 | EP    |   | 1045 | 54.44-0.03 |      |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 21   | 238 | EP    |   | 1045 | 54.98-0.05 | 41   |      |      |      |     |      |      | 1.0 |
| DQRL | SN | 21   | 238 | ES    |   | 1045 | 58.83 0.05 |      |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 35   | 169 | EP    |   | 1045 | 56.72 0.03 |      |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 35   | 169 | ES    |   | 1046 | 1.65-0.02  |      |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 55   | 18  | EP    |   | 1045 | 59.35 0.02 |      |      |      |      |     |      |      | 1.0 |

**May 28 2014 Hour: 20:6 31.0 Lat: 33.99N Lon: 35.11E Depth: 32 Agency: REL Local**  
**Magnitudes: 2.6MC REL Rms: 0.1 secs**

**OFFSHORE CENTRAL LEBANON**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES       | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|------------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 51   | 100 | EP    |   | 20   | 6     | 40.25-0.08 | 32   |      |      |     |      |      | 1.0 |
| DQRL | SZ | 52   | 126 | EP    |   | 20   | 6     | 40.72 0.19 |      |      |      |     |      |      | 1.0 |
| QRWL | SZ | 72   | 132 | EP    |   | 20   | 6     | 43.08-0.01 |      |      |      |     |      |      | 1.0 |
| QRWL | SN | 72   | 132 | ES    |   | 20   | 6     | 51.93-0.07 |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 86   | 129 | EP    |   | 20   | 6     | 45.04-0.00 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 86   | 129 | ES    |   | 20   | 6     | 55.47 0.07 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 92   | 140 | EP    |   | 20   | 6     | 45.64-0.10 |      |      |      |     |      |      | 1.0 |

**May 30 2014 Hour: 1:20 16.2 Agency: REL Distant**  
**EMSC OT=01:20:16.2 25.07N 97.84E 9Km M=5.9 MYANMAR REGION**

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| HWQ  | BZ |      |     | EP    |   | 129  | 39.64 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 129  | 41.68 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 129  | 42.11 |      |      |      |      |     |      |      |    |

May 30 2014 Hour: 2:16 33.0 Lat: 34.20N Lon: 35.56E Depth: 20 Agency: REL Local  
 Magnitudes: 2.6MC REL Rms: 0.1 secs

OFFSHORE CENTRAL LEBANON

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| BHL  | BZ | 34   | 165 | EP    |   | 216  | 39.31 | 0.02  | 34   |      |      |     |      |      | 1.0 |
| BHL  | BN | 34   | 165 | ES    |   | 216  | 43.92 | -0.03 |      |      |      |     |      |      | 1.0 |
| HWQ  | SZ | 36   | 76  | EP    |   | 216  | 39.54 | -0.08 |      |      |      |     |      |      | 1.0 |
| HWQ  | SN | 36   | 76  | ES    |   | 216  | 44.58 | 0.05  |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 55   | 179 | EP    |   | 216  | 42.27 | 0.08  |      |      |      |     |      |      | 1.0 |
| QRWL | SZ | 73   | 171 | EP    |   | 216  | 44.85 | 0.02  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 82   | 162 | EP    |   | 216  | 46.15 | -0.00 |      |      |      |     |      |      | 1.0 |
| RCY  | SN | 82   | 162 | ES    |   | 216  | 55.87 | -0.02 |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 96   | 170 | EP    |   | 216  | 48.26 | 0.07  |      |      |      |     |      |      | 1.0 |

May 30 2014 Hour: 21:38 25.4 Lat: 35.47N Lon: 35.77E Depth: 0 Agency: REL Regional  
 Magnitudes: 3.5MC REL Rms: 0.1 secs

SYRIA

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES  | CODA | AMPL | PERI | BAZ | ARES | VELO | WT  |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| HWQ  | SZ | 133  | 173 | EP    |   | 2138 | 46.50 | -0.28 | 101  |      |      |     |      |      | 1.0 |
| HWQ  | SE | 133  | 173 | ES    |   | 2139 | 2.73  | 0.10  |      |      |      |     |      |      | 1.0 |
| BHL  | BZ | 174  | 184 | EP    |   | 2138 | 52.80 | -0.01 |      |      |      |     |      |      | 1.0 |
| BHL  | BN | 174  | 184 | ES    |   | 2139 | 13.10 | -0.03 |      |      |      |     |      |      | 1.0 |
| BEYL | SZ | 179  | 188 | EP    |   | 2138 | 53.44 | -0.06 |      |      |      |     |      |      | 1.0 |
| DQRL | SZ | 196  | 185 | EP    |   | 2138 | 55.81 | -0.05 |      |      |      |     |      |      | 1.0 |
| QRWL | SZ | 213  | 182 | EP    |   | 2138 | 58.11 | 0.17  |      |      |      |     |      |      | 1.0 |
| RCY  | SZ | 219  | 178 | EP    |   | 2138 | 58.76 | 0.08  |      |      |      |     |      |      | 1.0 |
| SHBL | BZ | 235  | 181 | EP    |   | 2139 | 0.88  | 0.16  |      |      |      |     |      |      | 1.0 |

May 30 2014 Hour: 22:48 14.1 Agency: REL Distant  
 EMSC OT=22:48:14.1 30.61S 177.42W 30Km M=5.0 KERMADEC ISLANDS

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| BHL  | BZ |      |     | EP    |   | 23 8 | 5.63  |      |      |      |      |     |      |      |    |
| QRWL | SZ |      |     | EP    |   | 23 8 | 5.84  |      |      |      |      |     |      |      |    |
| DQRL | SZ |      |     | EP    |   | 23 8 | 6.22  |      |      |      |      |     |      |      |    |

May 30 2014 Hour: 23:47 21.9 Agency: REL Regional  
 EMSC OT=23:47:21.9 37.31N 30.73E 132Km M=3.3 WESTERN TURKEY

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|----|
| HWQ  | SZ |      |     | EP    |   | 2348 | 37.08 |      |      |      |      |     |      |      |    |
| BHL  | BZ |      |     | EP    |   | 2348 | 37.01 |      |      |      |      |     |      |      |    |
| DQRL | SZ |      |     | EP    |   | 2348 | 37.80 |      |      |      |      |     |      |      |    |
| QRWL | SZ |      |     | EP    |   | 2348 | 40.86 |      |      |      |      |     |      |      |    |
| RCY  | SZ |      |     | EP    |   | 2348 | 42.93 |      |      |      |      |     |      |      |    |
| SHBL | BZ |      |     | EP    |   | 2348 | 43.38 |      |      |      |      |     |      |      |    |



# Epicentral Map of Lebanon

## MAY 2014

