

Republic of Lebanon
National Council for Scientific Research

Provisional Seismological Bulletin

from the

NATIONAL SEISMIC NETWORK

April

2014

Prepared by
The National Centre for Geophysical Research
Bhannes

*P.o.b. : 165432
Ashrafyeh Beirut 1100-2040*

*Tel : +9614-981885
Fax : +9614-981886
Email : geophys@cnrs.edu.lb*

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 (km/sec)	depth to top of layer (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.

April 1 2014 Hour: 8:38 3.1 Lat: 33.87N Lon: 35.83E Depth: 8 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	16	284	EP		838	6.05	-0.07	49						1.0
DQRL	SZ	30	233	EP		838	8.22	0.10							1.0
DQRL	SN	30	233	ES		838	11.87	0.02							1.0
QRWL	SZ	38	200	EP		838	9.34	-0.07							1.0
RCY	SZ	41	179	EP		838	9.88	-0.06							1.0
RCY	SN	41	179	ES		838	15.07	0.05							1.0
HWQ	SZ	47	14	EP		838	10.82	0.05							1.0
SHBL	BZ	58	187	EP		838	12.61	-0.01							1.0

April 1 2014 Hour: 11:28 53.3 Lat: 34.04N Lon: 36.18E Depth: 43 Agency: REL Local
Magnitudes: 2.9MC 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	34	320	EP		1129	1.58	0.08	47						1.0
HWQ	SN	34	320	ES		1129	7.51	-0.04							1.0
BHL	BZ	51	252	EP		1129	2.92	-0.29							0.2
RCY	SZ	69	208	EP		1129	5.22	-0.02							1.0
QRWL	SZ	72	220	EP		1129	5.51	-0.05							1.0
QRWL	SN	72	220	ES		1129	14.68	0.05							1.0

April 1 2014 Hour: 13:15 29.9 Lat: 33.49N Lon: 35.65E Depth: 16 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	23	EP		1315	32.96	0.00	25						1.0
QRWL	SN	7	23	ES		1315	35.20	-0.01							1.0
RCY	SZ	17	86	EP		1315	33.89	0.00							1.0
RCY	SN	17	86	ES		1315	36.82	-0.01							1.0
SHBL	BZ	18	151	EP		1315	33.95	0.01							1.0

April 1 2014 Hour: 13:50 7.0 Lat: 33.81N Lon: 35.74E Depth: 21 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	13	319	EP		1350	11.05	0.00	42						1.0
DQRL	SZ	20	233	EP		1350	11.73	0.01							1.0
DQRL	SN	20	233	ES		1350	15.20	-0.01							1.0
RCY	SZ	36	167	EP		1350	13.70	-0.01							1.0
RCY	SE	36	167	ES		1350	18.66	0.00							1.0
HWQ	SZ	55	20	EP		1350	16.20	-0.00							1.0

April 1 2014 Hour: 13:57 28.5 Lat: 33.45N Lon: 35.63E Depth: 0 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
QRWL	SZ	12	26	EP		1357	30.40	-0.01							1.0
QRWL	SE	12	26	ES		1357	31.85	0.00							1.0
SHBL	BZ	16	136	EP		1357	31.02	-0.01							1.0
SHBL	BE	16	136	ES		1357	32.92	0.00							1.0
RCY	SZ	20	75	EP		1357	31.73	0.00	24						1.0
DQRL	SZ	29	350	EP		1357	33.23	0.11							0.2

April 1 2014 Hour: 16: 2 25.9 Lat: 33.79N Lon: 35.78E 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	18	317	EP		16 2	28.79	-0.00	47						1.0
BHL	BN	18	317	ES		16 2	30.84	-0.06							1.0
DQRL	SZ	22	245	EP		16 2	29.39	-0.06							1.0

DQRL	SN	22	245	ES		16	2	32.18	0.13							1.0
QRWL	SZ	28	200	EP		16	2	30.33	-0.16							1.0
RCY	SZ	33	171	EP		16	2	31.17	-0.03							1.0
RCY	SN	33	171	ES		16	2	35.14	0.04							1.0
HWQ	SZ	57	15	EP		16	2	35.15	0.10							1.0

April 2 2014 Hour: 10:35 24.2 Lat: 33.78N Lon: 35.78E Depth: 5 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	318	EP		1035	27.27	-0.04	36						1.0
DQRL	SZ	22	246	EP		1035	27.89	0.01							1.0
DQRL	SN	22	246	ES		1035	30.61	0.03							1.0
QRWL	SZ	28	200	EP		1035	28.78	-0.06							1.0
RCY	SZ	32	172	EP		1035	29.57	0.04							1.0
RCY	SN	32	172	ES		1035	33.46	-0.01							1.0
HWQ	SZ	57	15	EP		1035	33.46	0.02							1.0

April 2 2014 Hour: 10:49 35.7 Lat: 34.45N Lon: 36.80E Depth: 15 Agency: REL Local
Magnitudes: 3.2MC REL Rms: 0.2 secs

NEBEK REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ	81	256	EP		1049	48.43	-0.13	73						1.0
HWQ	SN	81	256	ES		1049	58.03	-0.04							1.0
BHL	BZ	122	240	EP		1049	54.88	0.29							1.0
RCY	SZ	138	220	EP		1049	56.86	-0.21							1.0
RCY	SN	138	220	ES		1050	12.90	0.02							1.0
DQRL	SZ	140	234	EP		1049	57.40	0.07							1.0

April 2 2014 Hour: 14:43 43.0 Lat: 33.79N Lon: 35.79E 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	315	EP		1443	45.93	-0.03	44						1.0
BHL	BN	18	315	ES		1443	48.19	0.02							1.0
DQRL	SZ	22	246	EP		1443	46.64	-0.00							1.0
RCY	SZ	33	173	EP		1443	48.30	0.03							1.0
RCY	SE	33	173	ES		1443	52.18	-0.02							1.0
HWQ	SZ	56	15	EP		1443	52.05	-0.00							1.0

April 3 2014 Hour: 12:4 42.5 Lat: 33.78N Lon: 35.77E Depth: 8 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	17	322	EP		12	4	45.54	-0.08	41					1.0
DQRL	SZ	20	245	EP		12	4	46.10	0.02						1.0
DQRL	SN	20	245	ES		12	4	48.77	0.06						1.0
QRWL	SZ	27	197	EP		12	4	47.03	-0.13						1.0
RCY	SZ	33	168	EP		12	4	48.08	0.10						1.0
RCY	SN	33	168	ES		12	4	52.01	-0.02						1.0
HWQ	SZ	57	17	EP		12	4	51.93	0.05						1.0

April 3 2014 Hour: 14:19 55.9 Lat: 33.79N Lon: 35.77E Depth: 16 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	319	EP		1419	59.66	0.02	40						1.0
DQRL	SZ	21	242	EP		1420	0.18	0.00							1.0
DQRL	SN	21	242	ES		1420	3.32	-0.02							1.0
RCY	SZ	34	169	EP		1420	1.97	0.03							1.0
RCY	SE	34	169	ES		1420	6.38	-0.02							1.0
HWQ	SZ	56	17	EP		1420	5.16	-0.02							1.0

April 3 2014 Hour: 15:22 0.9 Lat: 33.79N Lon: 35.76E 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	16	321	EP		1522	4.22	-0.03	38						1.0
DQRL	SZ	20	243	EP		1522	4.74	-0.04							1.0
DQRL	SN	20	243	ES		1522	7.71	0.04							1.0
RCY	SZ	33	169	EP		1522	6.67	0.02							1.0
RCY	SE	33	169	ES		1522	10.92	-0.01							1.0
HWQ	SZ	57	17	EP		1522	10.29	0.03							1.0

April 3 2014 Hour: 15:32 39.9 Lat: 33.78N Lon: 35.78E Depth: 9 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	318	EP		1532	43.13	-0.09	41						1.0
DQRL	SZ	22	246	EP		1532	43.77	0.02							1.0
DQRL	SN	22	246	ES		1532	46.67	0.06							1.0
QRWL	SZ	28	200	EP		1532	44.56	-0.11							1.0
RCY	SZ	32	172	EP		1532	45.43	0.07							1.0
RCY	SE	32	172	ES		1532	49.39	-0.01							1.0
HWQ	SZ	57	15	EP		1532	49.25	0.06							1.0

April 3 2014 Hour: 22:54 22.0 Agency: REL Distant

EMSC OT=22:54:22.0 19.72S 178.00W 592Km M=4.9 FIJI REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		2313	0.70								
QRWL	SZ			EP		2313	1.57								
DQRL	SZ			EP		2313	1.64								

April 4 2014 Hour: 12:30 29.3 Lat: 34.68N Lon: 36.11E Depth: 1 Agency: REL Local
 Magnitudes: 3.2MC REL Rms: 0.0 secs

NORTH LEBANON

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ	47	198	EP		1230	36.95	0.01	74						1.0
HWQ	BN	47	198	ES		1230	42.59	-0.01							1.0
BHL	BZ	96	206	EP		1230	44.76	-0.02							1.0
DQRL	SZ	119	205	EP		1230	48.53	0.01							1.0
DQRL	SN	119	205	ES		1231	2.77	0.01							1.0
RCY	SZ	134	191	EP		1230	50.83	-0.00							1.0

April 4 2014 Hour: 13:12 6.7 Lat: 33.47N Lon: 35.69E 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	9	354	EP		1312	8.07	-0.06							1.0
QRWL	SE	9	354	ES		1312	9.22	0.03							1.0
RCY	SZ	14	78	EP		1312	8.96	0.00	40						1.0
SHBL	BZ	15	160	EP		1312	9.12	0.04							1.0
SHBL	BN	15	160	ES		1312	10.83	-0.02							1.0
DQRL	SZ	28	337	EP		1312	11.29	0.01							1.0
HWQ	SZ	93	15	EP		1312	21.62	-0.00							1.0

April 4 2014 Hour: 20: 8 7.0 Agency: REL Regional

EMSC OT=20:08:07.0 37.19N 23.74E 111Km M=5.6 SOUTHERN GREECE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		2010	27.00								
DQRL	SZ			EP		2010	27.65								
HWQ	BZ			EP		2010	29.74								
QRWL	SZ			EP		2010	30.87								
RCY	SZ			EP		2010	32.46								
SHBL	BZ			EP		2010	32.02								

April 4 2014 Hour: 22:40 33.0 Agency: REL Distant
EMSC OT=22:40:33.0 28.23N 103.78E 10Km M=5.4 EASTERN SICHUAN
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 2250 23.64
 SHBL BZ EP 2250 24.24
 QRWL SZ EP 2250 24.52
 DQRL SZ EP 2250 25.87

April 5 2014 Hour: 11:10 31.5 Lat: 33.82N Lon: 35.78E Depth: 18 Agency: REL Local
 Magnitudes: 2.4MC 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 15 309 EP 1110 35.44-0.03 25 1.0
 DQRL SZ 23 238 EP 1110 36.28-0.06 1.0
 DQRL SN 23 238 ES 1110 39.95 0.05 1.0
 RCY SZ 36 172 EP 1110 38.05 0.03 1.0
 RCY SE 36 172 ES 1110 42.81-0.02 1.0
 HWQ SZ 53 16 EP 1110 40.46 0.02 1.0

April 5 2014 Hour: 12:27 31.2 Lat: 33.49N Lon: 35.65E Depth: 16 Agency: REL Local
 Magnitudes: 2.6MC 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 21 EP 1227 34.15 0.00 33 1.0
 QRWL SN 7 21 ES 1227 36.31-0.00 1.0
 RCY SZ 17 87 EP 1227 35.09 0.00 1.0
 SHBL BZ 18 152 EP 1227 35.17-0.00 1.0
 SHBL BN 18 152 ES 1227 38.10 0.00 1.0

April 5 2014 Hour: 22:0 39.0 Lat: 33.28N Lon: 34.62E Depth: 33 Agency: REL Local
 Magnitudes: 3.0MC 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 100 62 EP 22 0 54.50-0.05 51 1.0
 DQRL SN 100 62 ES 22 1 6.08 0.01 1.0
 QRWL SZ 103 73 EP 22 0 54.98 0.05 1.0
 SHBL BZ 105 86 EP 22 0 55.19-0.03 1.0
 SHBL BN 105 86 ES 22 1 7.24-0.01 1.0
 RCY SZ 116 78 EP 22 0 56.56 0.03 1.0

April 6 2014 Hour: 22:4 36.4 Agency: REL Regional
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 DQRL SZ EP 22 7 47.88
 QRWL SZ EP 22 7 50.57
 SHBL BZ EP 22 7 53.34

April 7 2014 Hour: 1:1 45.0 Agency: REL Regional
EMSC OT=01:01:45.0 35.96N 31.66E 60Km M=4.1 CYPRUS REGION
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 1 2 43.52
 HWQ BZ EP 1 2 44.24
 DQRL SZ EP 1 2 44.54
 QRWL SZ EP 1 2 46.35
 RCY SZ EP 1 2 48.11
 SHBL BZ EP 1 2 48.72

April 7 2014 Hour: 9:2 46.4 Lat: 33.55N Lon: 35.71E Depth: 0 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
 QRWL SZ 3 269 EP 9 2 46.84-0.06 33 1.0
 RCY SZ 13 116 EP 9 2 48.47-0.04 1.0
 DQRL SZ 22 323 EP 9 2 50.01 0.05 1.0

DQRL	SN	22	323	ES	9	2	52.58	0.00											1.0
SHBL	BZ	22	172	EP	9	2	50.07	0.03											1.0
SHBL	BN	22	172	ES	9	2	52.72	0.01											1.0

April 7 2014 Hour: 11:35 56.0 Lat: 33.47N Lon: 35.68E Depth: 5 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
QRWL	SZ	9	1	EP		1135	57.63	-0.10	30						1.0
QRWL	SN	9	1	ES		1135	59.07	0.03							1.0
RCY	SZ	15	78	EP		1135	58.61	0.01							1.0
SHBL	BZ	15	157	EP		1135	58.58	-0.02							1.0
SHBL	BN	15	157	ES		1136	0.58	0.02							1.0
DQRL	SZ	28	339	EP		1136	0.68	0.05							1.0

April 7 2014 Hour: 11:36 31.3 Lat: 33.47N Lon: 35.69E Depth: 0 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
QRWL	SZ	9	355	EP		1136	32.66	-0.04							1.0
QRWL	SE	9	355	ES		1136	33.74	0.01							1.0
RCY	SZ	14	78	EP		1136	33.54	0.00	30						1.0
SHBL	BZ	14	160	EP		1136	33.65	0.00							1.0
SHBL	BN	14	160	ES		1136	35.38	0.00							1.0
DQRL	SZ	28	337	EP		1136	35.90	0.02							1.0

April 7 2014 Hour: 14:24 10.0 Lat: 33.44N Lon: 35.61E Depth: 10 Agency: REL Local
Magnitudes: 2.6MC REL Rms: 0.1 secs

SAIDA REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QRWL	SZ	14	31	EP		1424	12.87	-0.08	33						1.0
QRWL	SN	14	31	ES		1424	15.17	0.05							1.0
SHBL	BZ	16	128	EP		1424	13.39	0.08							1.0
SHBL	BN	16	128	ES		1424	15.70	-0.05							1.0
RCY	SZ	22	73	EP		1424	14.11	-0.00							1.0
DQRL	SZ	30	354	EP		1424	15.17	-0.00							1.0

April 7 2014 Hour: 14:51 44.8 Lat: 33.83N Lon: 35.74E Depth: 32 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	11	315	EP		1451	50.21	0.07	37						1.0
DQRL	SZ	21	227	EP		1451	50.90	0.09							1.0
DQRL	SN	21	227	ES		1451	55.21	-0.07							1.0
QRWL	SZ	32	189	EP		1451	51.79	-0.07							1.0
RCY	SZ	39	166	EP		1451	52.63	-0.00							1.0
RCY	SE	39	166	ES		1451	58.48	0.03							1.0
HWQ	SZ	53	21	EP		1451	54.29	-0.05							1.0

April 7 2014 Hour: 19:26 59.0 Agency: REL Distant

EMSC OT=19:26:59.0 44.47N 06.69E 5Km M=4.9 FRANCE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ			EP		1932	26.55								
BHL	BZ			EP		1932	21.82								

April 8 2014 Hour: 0:59 31.0 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EP		059	45.77								
BHL	BZ			EP		059	53.23								
DQRL	SZ			EP		059	56.09								
QRWL	SZ			EP		059	58.43								
RCY	SZ			EP		059	59.06								
SHBL	BZ			EP		1	0	1.25							

April 8 2014 Hour: 1:24 3.3 Agency: REL Regional
EMSC OT=01:24:03.3 35.72N 35.63E 15Km M=2.5 COAST OF SYRIA
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EP 124 26.56
 BHL BZ EP 124 32.89
 QRWL SZ EP 124 36.49

April 8 2014 Hour: 16:12 57.0 Lat: 34.60N Lon: 36.34E Depth: 3 Agency: REL Local
Magnitudes: 3.0MC 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	50	226	EP		1613	5.15-0.07		56						1.0
HWQ	SE	50	226	ES		1613	11.23-0.04								1.0
BHL	BZ	99	220	EP		1613	13.18 0.09								1.0
BHL	BE	99	220	ES		1613	24.99 0.03								1.0
DQRL	SZ	122	216	EP		1613	16.69 0.09								1.0
QRWL	SZ	131	208	EP		1613	17.89-0.11								1.0

April 9 2014 Hour: 9:19 34.7 Lat: 33.50N Lon: 35.67E Depth: 0 Agency: REL Local
Magnitudes: 2.2MC 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	6	9	EP		919	35.58-0.06		21						1.0
QRWL	SN	6	9	ES		919	36.37 0.02								1.0
RCY	SZ	15	90	EP		919	37.16 0.01								1.0
RCY	SN	15	90	ES		919	38.98 0.00								1.0
DQRL	SZ	25	338	EP		919	38.78 0.03								1.0

April 9 2014 Hour: 13:2 34.5 Lat: 33.85N Lon: 35.83E Depth: 0 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	17	289	EP		13 2	37.21-0.08		43						1.0
BHL	BE	17	289	ES		13 2	39.34-0.01								1.0
DQRL	SZ	29	236	EP		13 2	39.27 0.05								1.0
DQRL	SE	29	236	ES		13 2	42.75 0.04								1.0
RCY	SZ	40	179	EP		13 2	40.92 0.01								1.0
RCY	SE	40	179	ES		13 2	45.61-0.04								1.0
HWQ	SZ	48	13	EP		13 2	42.30 0.03								1.0

April 9 2014 Hour: 13:22 28.2 Lat: 33.45N Lon: 35.75E Depth: 20 Agency: REL Local
Magnitudes: 2.6MC 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	10	59	EP		1322	31.98-0.00		35						1.0
SHBL	BZ	11	181	EP		1322	32.11 0.00								1.0
SHBL	BN	11	181	ES		1322	35.00-0.00								1.0
DQRL	SZ	33	330	EP		1322	34.33-0.00								1.0
DQRL	SN	33	330	ES		1322	38.85-0.02								0.0

April 10 2014 Hour: 13:15 2.0 Lat: 33.47N Lon: 35.69E Depth: 0 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
QRWL	SZ	9	356	EP		1315	3.34-0.06		29						1.0
RCY	SZ	14	78	EP		1315	4.29 0.01								1.0
RCY	SN	14	78	ES		1315	5.96 0.01								1.0
SHBL	BZ	15	159	EP		1315	4.33-0.04								1.0
SHBL	BN	15	159	ES		1315	6.15 0.03								1.0
DQRL	SZ	28	337	EP		1315	6.61 0.04								1.0
DQRL	SE	28	337	ES		1315	9.96 0.01								1.0

April 10 2014 Hour: 15:15 12.7 Lat: 33.80N Lon: 35.75E Depth: 19 Agency: REL Local
Magnitudes: 2.5MC 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	15	323	EP		1515	16.56	-0.08	30						1.0
DQRL	SZ	19	239	EP		1515	17.19	0.09							1.0
DQRL	SN	19	239	ES		1515	20.39	-0.00							1.0
QRWL	SZ	28	193	EP		1515	18.00	-0.15							1.0
QRWL	SN	28	193	ES		1515	22.28	0.07							1.0
HWQ	SZ	56	19	EP		1515	22.11	0.07							1.0

April 10 2014 Hour: 15:54 22.8 Lat: 33.29N Lon: 35.34E Depth: 3 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.1 secs

SOUTH LEBANON

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ	38	80	EP		1554	28.93	-0.02							1.0
SHBL	BE	38	80	ES		1554	33.60	0.07							1.0
DQRL	SZ	51	25	EP		1554	31.12	0.13							1.0
DQRL	SN	51	25	ES		1554	37.03	-0.05							1.0
RCY	SZ	51	63	EP		1554	30.96	-0.13	36						1.0
RCY	SE	51	63	ES		1554	37.26	0.00							1.0
HWQ	SZ	123	27	EP		1554	42.61	0.01							1.0

April 11 2014 Hour: 7: 7 23.0 Agency: REL Distant

EMSC OT=07:07:23.0 06.62S 155.11E 60Km M=7.2 BOUGAINVILLE REG

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		726	4.12								
SHBL	BZ			EP		726	4.45								

April 11 2014 Hour: 10:29 57.0 Lat: 33.51N Lon: 35.65E Depth: 14 Agency: REL Local
Magnitudes: 2.3MC REL Rms: 0.1 secs

SAIDA REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QRWL	SZ	5	37	EP		1029	59.57	-0.08	24						1.0
QRWL	SN	5	37	ES		1030	1.61	0.01							1.0
RCY	SZ	18	94	EP		1030	0.85	0.02							1.0
SHBL	BZ	20	153	EP		1030	1.05	-0.07							1.0
SHBL	BN	20	153	ES		1030	4.22	0.06							1.0
DQRL	SZ	23	342	EP		1030	1.54	0.06							1.0

April 11 2014 Hour: 11:17 3.5 Lat: 33.97N Lon: 36.33E Depth: 0 Agency: REL Local
Magnitudes: 3.0MC 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	49	314	EP		1117	11.50	0.01	55						1.0
HWQ	SN	49	314	ES		1117	17.34	-0.03							1.0
RCY	SZ	70	221	EP		1117	14.76	-0.06							1.0
RCY	SE	70	221	ES		1117	23.15	-0.01							1.0
DQRL	SZ	76	248	EP		1117	15.95	0.08							1.0

April 12 2014 Hour: 20:14 37.0 Agency: REL Distant

EMSC OT=20:14:37.0 11.26S 162.26E 10Km M=7.6 SOLOMON ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		2033	41.55								
SHBL	BZ			EP		2033	41.62								
BHL	BZ			EP		2033	42.28								

April 13 2014 Hour: 8:21 26.8 Lat: 33.46N Lon: 35.65E Depth: 0 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	10	16	EP		821	28.40	-0.01	25						1.0
QRWL	SN	10	16	ES		821	29.58	-0.02							1.0
SHBL	BZ	15	146	EP		821	29.25	-0.04							1.0
SHBL	BN	15	146	ES		821	31.14	0.02							1.0
RCY	SZ	18	77	EP		821	29.66	0.02							1.0
DQRL	SZ	28	344	EP		821	31.37	0.03							1.0

April 13 2014 Hour: 11:43 47.8 Lat: 33.44N Lon: 35.72E Depth: 18 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
SHBL	BZ	11	170	EP		1143	51.42	0.06							1.0
SHBL	BN	11	170	ES		1143	53.93	-0.03							1.0
RCY	SZ	12	61	EP		1143	51.45	-0.00	39						1.0
DQRL	SZ	32	334	EP		1143	53.71	-0.06							1.0
DQRL	SE	32	334	ES		1143	58.18	0.03							1.0

April 13 2014 Hour: 12:36 18.0 Agency: REL Distant
 EMSC OT=12:36:18.0 11.41S 162.01E 30Km M=7.4 SOLOMON ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		1255	18.26								
BHL	BZ			EP		1255	18.69								
SHBL	BZ			EP		1255	19.46								

April 13 2014 Hour: 13:57 0.6 Lat: 33.78N Lon: 35.79E Depth: 4 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	18	317	EP		1357	3.58	-0.06							1.0
DQRL	SZ	22	246	EP		1357	4.31	0.07	51						1.0
DQRL	SN	22	246	ES		1357	6.94	0.00							1.0
QRWL	SZ	28	200	EP		1357	5.13	-0.08							1.0
QRWL	SN	28	200	ES		1357	8.66	0.05							1.0
BEYL	SZ	29	290	EP		1357	5.30	-0.01							1.0
RCY	SZ	32	172	EP		1357	5.88	-0.02							1.0
HWQ	SZ	57	15	EP		1357	9.84	0.05							1.0
HWQ	SE	57	15	ES		1357	16.58	0.00							1.0

April 13 2014 Hour: 15:27 9.1 Lat: 33.79N Lon: 35.79E Depth: 9 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	315	EP		1527	12.33	-0.07	41						1.0
BHL	BN	17	315	ES		1527	14.85	0.02							1.0
DQRL	SZ	22	244	EP		1527	13.12	0.03							1.0
QRWL	SZ	29	200	EP		1527	14.05	-0.02							1.0
RCY	SZ	33	172	EP		1527	14.78	0.02							1.0
RCY	SN	33	172	ES		1527	18.93	-0.01							1.0
HWQ	SZ	56	15	EP		1527	18.29	0.02							1.0

April 13 2014 Hour: 16:35 29.5 Lat: 34.03N Lon: 35.74E Depth: 0 Agency: REL Local
 Magnitudes: 2.7MC REL Rms: 0.1 secs

KESROUANE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	16	211	EP		1635	32.07	-0.04	39						1.0
BHL	BN	16	211	ES		1635	34.00	-0.02							1.0
HWQ	SZ	34	34	EP		1635	35.02	0.08							1.0
HWQ	SN	34	34	ES		1635	38.88	-0.06							1.0
DQRL	SZ	39	204	EP		1635	35.93	0.09							1.0

QRWL SZ 54 186 EP 1635 38.09-0.07 1.0
 RCY SZ 60 172 EP 1635 39.16 0.03 1.0

April 14 2014 Hour: 15:28 18.8 Lat: 33.79N Lon: 35.79E Depth: 5 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	18	317	EP		1528	21.86	-0.05	26						1.0
BHL	BN	18	317	ES		1528	24.16	-0.03							1.0
DQRL	SZ	22	246	EP		1528	22.54	0.02							1.0
DQRL	SN	22	246	ES		1528	25.33	0.08							1.0
QRWL	SZ	28	200	EP		1528	23.35	-0.14							1.0
RCY	SZ	32	172	EP		1528	24.21	0.03							1.0
RCY	SN	32	172	ES		1528	28.16	0.02							1.0
HWQ	SZ	57	15	EP		1528	28.10	0.08							1.0

April 14 2014 Hour: 20:41 24.0 Agency: REL Regional
EMSC OT=20:41:24.0 34.01N 25.83E 20Km M=5.0 CRETE, GREECE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		2043	20.06								
QRWL	SZ			EP		2043	19.14								
SHBL	BZ			EP		2043	21.15								
RCY	SZ			EP		2043	21.27								
HWQ	BZ			EP		2043	22.42								

April 14 2014 Hour: 21: 4 27.0 Agency: REL Regional
EMSC OT=21:04:27.0 34.02N 25.92E 10Km M=4.2 CRETE, GREECE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EP		21 6	26.76								
SHBL	BZ			EP		21 6	25.68								

April 15 2014 Hour: 1:45 29.7 Lat: 33.67N Lon: 35.74E Depth: 0 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
QRWL	SZ	15	199	EP		145	31.99	-0.07	33						1.0
QRWL	SN	15	199	ES		145	33.86	0.03							1.0
DQRL	SZ	16	283	EP		145	32.25	0.05							1.0
DQRL	SN	16	283	ES		145	34.05	-0.03							1.0
RCY	SZ	22	154	EP		145	33.19	-0.00							1.0
BHL	BZ	27	344	EP		145	33.98	0.01							1.0
SHBL	BZ	36	179	EP		145	35.52	0.02							1.0

April 15 2014 Hour: 3:57 2.0 Agency: REL Distant
EMSC OT=03:57:02.0 53.72S 08.68E 10Km M=6.8 BOUVET ISLAND REG

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ			EP		410	0.44								
BHL	BZ			EP		410	2.16								
HWQ	BZ			EP		410	2.95								

April 15 2014 Hour: 16: 1 18.3 Lat: 33.79N Lon: 35.77E Depth: 12 Agency: REL Local
Magnitudes: 2.6MC 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	319	EP		16 1	21.66	-0.07	32						1.0
DQRL	SZ	21	242	EP		16 1	22.28	-0.05							1.0
DQRL	SN	21	242	ES		16 1	25.40	0.07							1.0
RCY	SZ	34	170	EP		16 1	24.14	0.00							1.0
RCY	SE	34	170	ES		16 1	28.47	-0.01							1.0
HWQ	SZ	56	17	EP		16 1	27.67	0.06							1.0

April 16 2014 Hour: 12:52 56.4 Lat: 33.47N Lon: 35.69E Depth: 0 Agency: REL Local
Magnitudes: 3.1MC 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	354	EP		1252	57.63	-0.13							1.0
RCY	SZ	14	78	EP		1252	58.59	0.01	72						1.0
SHBL	BZ	14	160	EP		1252	58.68	-0.01							1.0
SHBL	BN	14	160	ES		1253	0.41	0.00							1.0
DQRL	SZ	28	337	EP		1253	0.99	0.04							1.0
DQRL	SE	28	337	ES		1253	4.36	0.01							1.0
BHL	BZ	48	356	EP		1253	4.21	0.07							1.0
HWQ	SZ	93	15	EP		1253	11.40	0.10							0.2

April 16 2014 Hour: 14:29 48.3 Lat: 33.45N Lon: 35.85E 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
RCY	SZ	5	349	EP		1429	49.42	-0.03	42						1.0
RCY	SN	5	349	ES		1429	50.36	0.02							1.0
SHBL	BZ	15	221	EP		1429	50.77	0.01							1.0
QRWL	SZ	19	306	EP		1429	51.33	-0.06							1.0
QRWL	SN	19	306	ES		1429	53.70	-0.00							1.0
DQRL	SZ	38	318	EP		1429	54.55	0.05							1.0

April 16 2014 Hour: 16:1 13.5 Lat: 34.10N Lon: 35.58E Depth: 9 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.0 secs

OFFSHORE CENTRAL LEBANON

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	23	163	EP		16 1	17.45	-0.09	53						1.0
BHL	BN	23	163	ES		16 1	20.60	0.04							1.0
HWQ	SZ	39	60	EP		16 1	19.99	0.01							1.0
DQRL	SZ	44	182	EP		16 1	20.78	0.02							1.0
QRWL	SZ	62	171	EP		16 1	23.69	0.06							1.0
QRWL	SN	62	171	ES		16 1	31.13	-0.02							1.0
RCY	SZ	71	161	EP		16 1	25.04	-0.03							1.0

April 16 2014 Hour: 23:49 51.0 Agency: REL Regional
EMSC OT=23:49:51.0 36.27N 31.39E 80Km M=4.4 WESTERN TURKEY

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		2350	53.61								
HWQ	SZ			EP		2350	54.42								
DQRL	SZ			EP		2350	54.54								
QRWL	SZ			EP		2350	57.01								
RCY	SZ			EP		2350	58.54								
SHBL	BZ			EP		2350	59.13								

April 17 2014 Hour: 4:38 18.0 Agency: REL Distant
EMSC OT=04:38:18.0 04.55N 122.99E 576Km M=5.8 CELEBES SEA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		449	54.11								
BHL	BZ			EP		449	55.20								
SHBL	BZ			EP		449	55.53								

April 17 2014 Hour: 7:12 54.4 Lat: 33.56N Lon: 35.72E Depth: 0 Agency: REL Local
Magnitudes: 2.3MC REL Rms: 0.1 secs

CENTRAL BEKAA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QRWL	SZ	4	246	EP		712	54.96	-0.05	22						1.0
RCY	SZ	13	124	EP		712	56.59	0.09							1.0
RCY	SN	13	124	ES		712	57.98	-0.08							1.0
SHBL	BZ	24	174	EP		712	58.25	0.03							1.0
SHBL	BN	24	174	ES		713	1.08	0.01							1.0

April 17 2014 Hour: 12:37 8.4 Lat: 33.82N Lon: 35.74E 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	12	317	EP		1237	10.56	-0.07	41						1.0
BHL	BN	12	317	ES		1237	12.28	0.03							1.0
DQRL	SZ	21	230	EP		1237	11.95	0.02							1.0
RCY	SZ	37	167	EP		1237	14.57	-0.00							1.0
RCY	SN	37	167	ES		1237	19.10	-0.00							1.0
HWQ	SZ	54	20	EP		1237	17.20	0.02							1.0

April 17 2014 Hour: 13:13 9.6 Lat: 33.46N Lon: 35.67E Depth: 0 Agency: REL Local
Magnitudes: 2.6MC 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	10	6	EP		1313	11.07	-0.08	37						1.0
QRWL	SE	10	6	ES		1313	12.30	0.01							1.0
SHBL	BZ	14	152	EP		1313	11.92	-0.01							1.0
SHBL	BE	14	152	ES		1313	13.65	-0.00							1.0
RCY	SZ	16	76	EP		1313	12.19	0.03							1.0
DQRL	SZ	29	341	EP		1313	14.27	0.05							1.0

April 17 2014 Hour: 14:25 54.7 Lat: 33.45N Lon: 35.63E Depth: 0 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
QRWL	SZ	12	22	EP		1425	56.52	-0.07	29						1.0
SHBL	BZ	15	138	EP		1425	57.15	-0.02							1.0
SHBL	BE	15	138	ES		1425	59.00	0.01							1.0
RCY	SZ	19	75	EP		1425	57.87	0.03							1.0
RCY	SE	19	75	ES		1426	0.18	0.01							1.0
DQRL	SZ	29	348	EP		1425	59.42	0.05							1.0

April 17 2014 Hour: 14:31 51.7 Lat: 33.78N Lon: 35.79E Depth: 6 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	317	EP		1431	54.88	-0.03	43						1.0
DQRL	SZ	22	247	EP		1431	55.53	0.03							1.0
DQRL	SN	22	247	ES		1431	58.30	0.01							1.0
QRWL	SZ	28	201	EP		1431	56.38	-0.05							1.0
RCY	SZ	32	172	EP		1431	57.11	0.01							1.0
RCY	SN	32	172	ES		1432	1.07	0.01							1.0
HWQ	SZ	57	15	EP		1432	0.97	0.02							1.0

April 18 2014 Hour: 4:13 12.0 Agency: REL Distant
EMSC OT=04:13:12.0 11.13S 164.80E 10Km M=6.1 SANTA CRUZ ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		432	19.86								
SHBL	BZ			EP		432	20.35								

April 18 2014 Hour: 14:13 20.0 Lat: 33.79N Lon: 35.76E Depth: 9 Agency: REL Local
Magnitudes: 2.5MC 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	322	EP		1413	22.98	-0.05	30						1.0
DQRL	SZ	20	241	EP		1413	23.69	0.06							1.0
DQRL	SN	20	241	ES		1413	26.34	-0.01							1.0
RCY	SZ	34	168	EP		1413	25.61	-0.10							1.0
RCY	SE	34	168	ES		1413	30.01	0.05							1.0
HWQ	SZ	56	18	EP		1413	29.28	0.04							1.0

April 19 2014 Hour: 8:13 21.1 Lat: 33.53N Lon: 35.71E Depth: 0 Agency: REL Local
Magnitudes: 2.6MC REL Rms: 0.1 secs

CENTRAL BEKAA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QRWL	SZ	3	302	EP		813	21.50	-0.09	33						1.0
RCY	SZ	13	109	EP		813	23.19	0.02							1.0
RCY	SN	13	109	ES		813	24.71	0.02							1.0
DQRL	SZ	23	326	EP		813	24.94	0.13							1.0
DQRL	SN	23	326	ES		813	27.60	0.06							1.0
BHL	BZ	41	353	EP		813	27.69	-0.09							1.0
HWQ	SZ	85	15	EP		813	34.86	-0.03							1.0

April 19 2014 Hour: 9:54 2.3 Lat: 33.82N Lon: 35.71E Depth: 15 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	11	332	EP		954	5.52	-0.02	25						1.0
BHL	BE	11	332	ES		954	7.92	0.02							1.0
DQRL	SZ	18	227	EP		954	6.20	-0.03							1.0
RCY	SZ	37	162	EP		954	9.00	0.12							1.0
RCY	SN	37	162	ES		954	13.65	-0.07							1.0
HWQ	SZ	56	23	EP		954	11.52	-0.03							1.0

April 19 2014 Hour: 10:59 45.3 Lat: 33.82N Lon: 35.72E Depth: 11 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	12	326	EP		1059	48.13	0.06	25						1.0
DQRL	SZ	19	229	EP		1059	48.93	-0.04							1.0
DQRL	SN	19	229	ES		1059	51.68	-0.02							1.0
RCY	SZ	37	164	EP		1059	51.75	0.11							1.0
RCY	SN	37	164	ES		1059	56.29	-0.05							1.0
HWQ	SZ	55	22	EP		1059	54.34	-0.06							1.0

April 19 2014 Hour: 13:16 10.5 Lat: 33.49N Lon: 35.64E Depth: 14 Agency: REL Local
Magnitudes: 2.2MC 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	29	EP		1316	13.26	0.01	19						1.0
QRWL	SN	8	29	ES		1316	15.25	-0.00							1.0
RCY	SZ	18	87	EP		1316	14.37	-0.00							1.0
SHBL	BZ	18	149	EP		1316	14.39	-0.00							1.0
SHBL	BN	18	149	ES		1316	17.24	-0.00							1.0

April 19 2014 Hour: 13:16 32.7 Lat: 33.47N Lon: 35.69E Depth: 0 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	9	356	EP		1316	34.09	-0.03	25						1.0
QRWL	SE	9	356	ES		1316	35.19	0.02							1.0
RCY	SZ	14	78	EP		1316	35.00	0.00							1.0
SHBL	BZ	15	159	EP		1316	35.09	0.02							1.0
SHBL	BN	15	159	ES		1316	36.81	-0.01							1.0
DQRL	SZ	28	337	EP		1316	37.29	0.01							1.0

April 19 2014 Hour: 13:28 0.0 Agency: REL Distant
EMSC OT=13:28:00.0 06.77S 154.96E 30Km M=7.5 BOUGAINVILLE REG

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QRWL	SZ			EP		1346	43.72								
DQRL	SZ			EP		1346	43.92								
BHL	BZ			EP		1346	44.84								

April 19 2014 Hour: 23:39 59.0 Agency: REL Regional

EMSC OT=23:39:59.0 37.04N 28.87E 13Km M=4.0 WESTERN TURKEY

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		2341	32.75								
DQRL	SZ			EP		2341	33.56								
QRWL	SZ			EP		2341	35.42								
RCY	SZ			EP		2341	37.37								

April 20 2014 Hour: 12:41 34.3 Lat: 33.78N Lon: 35.77E Depth: 3 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	321	EP		1241	37.03-0.06		36						1.0
DQRL	SZ	21	245	EP		1241	37.67 0.03								1.0
DQRL	SN	21	245	ES		1241	40.18 0.03								1.0
BEYL	SZ	27	291	EP		1241	38.67-0.04								1.0
RCY	SZ	33	169	EP		1241	39.54-0.03								1.0
RCY	SN	33	169	ES		1241	43.50-0.00								1.0
HWQ	SZ	57	17	EP		1241	43.54 0.06								1.0

April 21 2014 Hour: 13: 5 57.0 Agency: REL Regional

EMSC OT=13:05:57.0 35.48N 31.57E 40Km M=4.0 CYPRUS REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		13 6	53.09								
DQRL	SZ			EP		13 6	52.34								
HWQ	SZ			EP		13 6	52.90								
RCY	SZ			EP		13 6	56.14								

April 21 2014 Hour: 13:29 59.7 Lat: 33.46N Lon: 35.55E Depth: 11 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	16	50	EP		1330	2.91 0.04		26						1.0
QRWL	SN	16	50	ES		1330	5.23 0.00								1.0
SHBL	BZ	22	124	EP		1330	3.72 0.03								1.0
SHBL	BE	22	124	ES		1330	6.62-0.03								1.0
RCY	SZ	27	80	EP		1330	4.42-0.02								1.0
DQRL	SZ	28	3	EP		1330	4.52-0.03								1.0

April 21 2014 Hour: 15: 6 3.9 Lat: 34.08N Lon: 36.54E Depth: 11 Agency: REL Local
Magnitudes: 2.6MC 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	59	292	EP		15 6	13.71-0.00								1.0
BHL	BZ	85	257	EP		15 6	17.51-0.00		30						1.0
BHL	BE	85	257	ES		15 6	27.55-0.03								1.0
DQRL	SZ	99	246	EP		15 6	19.77 0.10								1.0
QRWL	SZ	99	234	EP		15 6	19.58-0.09								1.0
QRWL	SN	99	234	ES		15 6	31.36 0.02								1.0

April 21 2014 Hour: 20:45 23.0 Agency: REL Distant

EMSC OT=20:45:23.0 17.42N 120.07E 20Km M=5.5 LUZON, PHILIPPINES

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EP		2057	9.18								
BHL	BZ			EP		2057	9.37								
SHBL	BZ			EP		2057	9.88								
DQRL	SZ			EP		2057	10.32								

April 22 2014 Hour: 14:11 40.1 Lat: 33.45N Lon: 35.66E Depth: 2 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
QRWL	SZ	11	12	EP		1411	41.86	-0.05	23						1.0
QRWL	SN	11	12	ES		1411	43.29	0.01							1.0
SHBL	BZ	14	145	EP		1411	42.38	-0.03							1.0
SHBL	BN	14	145	ES		1411	44.17	0.02							1.0
RCY	SZ	17	73	EP		1411	42.94	0.01							1.0
DQRL	SZ	29	344	EP		1411	44.87	0.04							1.0

April 22 2014 Hour: 15:15 11.2 Lat: 33.79N Lon: 35.76E Depth: 8 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	16	323	EP		1515	14.04	-0.11	41						1.0
BHL	BE	16	323	ES		1515	16.41	0.04							1.0
DQRL	SZ	20	242	EP		1515	14.72	0.04							1.0
RCY	SZ	33	168	EP		1515	16.72	-0.01							1.0
RCY	SN	33	168	ES		1515	20.86	0.00							1.0
HWQ	SZ	57	18	EP		1515	20.51	0.04							1.0

April 22 2014 Hour: 21:41 52.3 Lat: 33.00N Lon: 34.95E Depth: 6 Agency: REL Regional
Magnitudes: 2.7MC REL Rms: 0.1 secs

NORTH GALILEE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ	83	62	EP		2142	5.74	-0.08							1.0
SHBL	BE	83	62	ES		2142	15.89	0.08							1.0
QRWL	SZ	91	48	EP		2142	7.03	-0.03	35						1.0
QRWL	SE	91	48	ES		2142	17.90	-0.08							1.0
DQRL	SZ	97	36	EP		2142	8.10	0.09							1.0
RCY	SZ	99	56	EP		2142	8.36	0.02							1.0
BHL	BZ	120	33	EP		2142	11.37	0.00							1.0

April 23 2014 Hour: 17:48 1.6 Lat: 34.74N Lon: 32.96E Depth: 23 Agency: REL Regional
Magnitudes: 3.6MC REL Rms: 0.3 secs

CYPRUS REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	265	110	EP		1748	38.12	-0.34	106						1.0
DQRL	SZ	267	115	EP		1748	38.28	-0.40							1.0
DQRL	SN	267	115	ES		1749	5.87	-0.26							1.0
HWQ	SZ	279	100	EP		1748	40.09	-0.15							1.0
HWQ	SN	279	100	ES		1749	9.13	0.29							1.0
RCY	SZ	299	117	EP		1748	42.93	0.16							1.0
SHBL	BZ	300	120	EP		1748	43.58	0.70							1.0

April 24 2014 Hour: 3:10 12.0 Agency: REL Distant
EMSC OT=03:10:12.0 49.78N 127.49W 10Km M=6.5 VANCOUVER ISLAND

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		323	36.53								
BHL	BZ			EP		323	40.30								
SHBL	BZ			EP		323	43.37								

April 24 2014 Hour: 13:25 29.2 Lat: 33.47N Lon: 35.69E Depth: 9 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	356	EP		1325	31.18	-0.19	28						1.0
QRWL	SN	9	356	ES		1325	33.01	0.07							1.0
RCY	SZ	14	78	EP		1325	32.08	0.02							1.0
SHBL	BZ	15	159	EP		1325	32.18	0.05							1.0
SHBL	BN	15	159	ES		1325	34.24	-0.02							1.0
DQRL	SZ	28	337	EP		1325	34.15	0.06							1.0

April 24 2014 Hour: 19:51 58.0 Agency: REL Distant
EMSC OT=19:51:58.0 24.13S 176.59W 60Km M=5.9 FIJI ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 SHBL BZ EP 2011 36.91
 QRWL SZ EP 2011 38.38
 BHL BZ EP 2011 37.32
 RCY SZ EP 2011 38.09

April 25 2014 Hour: 3:20 28.9 Lat: 33.49N Lon: 35.22E Depth: 4 Agency: REL Local
Magnitudes: 3.0MC REL
OFFSHORE SOUTH LEBANON
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 DQRL SZ 40 54 EP 320 35.51 0.02 58 1.0
 DQRL SE 40 54 ES 320 40.38 0.03 1.0
 QRWL SZ 44 82 EP 320 36.06 0.04 1.0
 QRWL SE 44 82 ES 320 41.25-0.03 1.0
 BHL BZ 61 42 EP 320 38.68-0.11 1.0
 HWQ SZ 110 38 EP 320 46.76 0.06 1.0

April 25 2014 Hour: 12:30 41.0 Lat: 33.47N Lon: 35.68E Depth: 2 Agency: REL Local
Magnitudes: 2.4MC REL
MOUNT HERMON REGION
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 QRWL SZ 8 359 EP 1230 42.49-0.03 25 1.0
 QRWL SE 8 359 ES 1230 43.64 0.01 1.0
 RCY SZ 15 79 EP 1230 43.46 0.00 1.0
 SHBL BZ 15 157 EP 1230 43.51 0.00 1.0
 SHBL BN 15 157 ES 1230 45.34-0.00 1.0
 DQRL SZ 28 338 EP 1230 45.60 0.01 1.0

April 25 2014 Hour: 16:16 13.6 Lat: 33.61N Lon: 35.77E Depth: 15 Agency: REL Local
Magnitudes: 2.3MC REL
CENTRAL BEKAA
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 QRWL SZ 11 229 EP 1616 16.76 0.05 22 1.0
 QRWL SE 11 229 ES 1616 19.00-0.02 1.0
 DQRL SZ 21 300 EP 1616 17.89 0.01 1.0
 DQRL SN 21 300 ES 1616 21.06-0.00 1.0
 SHBL BZ 29 185 EP 1616 18.95-0.02 1.0
 SHBL BE 29 185 ES 1616 22.97 0.00 1.0
 BHL BZ 34 342 EP 1616 19.64-0.01 1.0

April 25 2014 Hour: 20:59 51.0 Agency: REL Distant
EMSC OT=20:59:51.0 26.68N 54.03E 30Km M=4.9 SOUTHERN IRAN
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 21 3 51.85
 SHBL BZ EP 21 3 49.15

April 26 2014 Hour: 4: 4 32.0 Agency: REL Regional
EMSC OT=04:04:32.0 36.07N 32.12E 96Km M=3.8 CENTRAL TURKEY
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EP 4 5 25.75
 BHL BZ EP 4 5 25.45
 DQRL SZ EP 4 5 26.37
 QRWL SZ EP 4 5 29.24
 RCY SZ EP 4 5 31.06
 SHBL BZ EP 4 5 31.88

April 26 2014 Hour: 6:2 15.0 Agency: REL Distant

EMSC OT=06:02:15.0 20.84S 174.56W 2Km M=6.4 TONGA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		622	2.62								
QRWL	SZ			EP		622	3.12								
SHBL	BZ			EP		622	2.62								
RCY	SZ			EP		622	3.33								

April 26 2014 Hour: 9:26 45.0 Lat: 33.78N Lon: 35.79E Depth: 2 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	19	318	EP		926	48.03	-0.03	42						1.0
BHL	BN	19	318	ES		926	50.34	0.01							1.0
DQRL	SZ	22	248	EP		926	48.62	0.04							1.0
DQRL	SN	22	248	ES		926	51.22	-0.00							1.0
QRWL	SZ	28	201	EP		926	49.43	-0.05							1.0
RCY	SZ	32	172	EP		926	50.19	0.04							1.0
RCY	SN	32	172	ES		926	53.96	-0.01							1.0
HWQ	SZ	57	15	EP		926	54.25	0.01							1.0

April 26 2014 Hour: 13:1 23.6 Lat: 33.54N Lon: 35.71E Depth: 0 Agency: REL Local
Magnitudes: 2.8MC 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	3	291	EP		13	1	24.01	-0.07						1.0
RCY	SZ	13	112	EP		13	1	25.58	-0.04	46					1.0
RCY	SN	13	112	ES		13	1	27.13	0.01						1.0
SHBL	BZ	21	172	EP		13	1	27.09	0.05						1.0
DQRL	SZ	23	325	EP		13	1	27.26	-0.00						1.0
DQRL	SN	23	325	ES		13	1	30.03	0.06						1.0
BHL	BZ	41	353	EP		13	1	30.19	-0.01						1.0

April 26 2014 Hour: 17:52 33.0 Lat: 34.31N Lon: 36.56E Depth: 7 Agency: REL Local
Magnitudes: 3.1MC 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	57	266	EP		1752	42.37	0.02	67						1.0
HWQ	SE	57	266	ES		1752	49.18	-0.06							1.0
BHL	BZ	96	242	EP		1752	48.63	0.11							1.0
BHL	BN	96	242	ES		1753	0.03	0.06							1.0
RCY	SZ	113	217	EP		1752	51.08	-0.04							1.0
DQRL	SZ	114	234	EP		1752	51.20	-0.03							1.0
SHBL	BZ	131	216	EP		1752	53.75	-0.07							1.0

April 27 2014 Hour: 7:1 39.2 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EP		7	1	56.12							
DQRL	SZ			EP		7	2	0.84							
BHL	BZ			EP		7	2	3.82							

April 28 2014 Hour: 0:43 51.0 Agency: REL Distant

EMSC OT=00:43:51.0 19.71N 120.12E 10Km M=5.5 BABUYAN ISL REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		055	31.26								
RCY	SZ			EP		055	33.08								
BHL	BZ			EP		055	32.92								
QRWL	SZ			EP		055	33.67								
SHBL	BZ			EP		055	33.35								

April 28 2014 Hour: 12:54 0.0

Agency: REL Distant

EMSC OT=12:43:52.0 32.09S 56.99E 10Km M=5.3 INDIAN RIDGE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1254	56.99								
SHBL	BZ			EP		1254	53.32								

April 28 2014 Hour: 16:45 21.1

Lat: 33.83N Lon: 35.75E Depth: 28 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	12	313	EP		1645	26.09	0.10	49						1.0
BHL	BE	12	313	ES		1645	29.59	-0.01							1.0
DQRL	SZ	22	230	EP		1645	26.78	0.07							1.0
DQRL	SN	22	230	ES		1645	30.79	-0.07							1.0
RCY	SZ	38	168	EP		1645	28.58	0.04							1.0
HWQ	SZ	53	20	EP		1645	30.36	-0.07							1.0

April 29 2014 Hour: 15:13 39.1

Lat: 33.79N Lon: 35.79E Depth: 0 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	18	316	EP		1513	42.00	-0.01	32						1.0
DQRL	SZ	22	246	EP		1513	42.70	0.01							1.0
DQRL	SN	22	246	ES		1513	45.35	-0.00							1.0
RCY	SZ	33	173	EP		1513	44.32	-0.01							1.0
RCY	SE	33	173	ES		1513	48.22	0.00							1.0
HWQ	SZ	56	15	EP		1513	48.19	0.01							1.0

Epicentral Map of Lebanon

2014

