

Republic of Lebanon
National Council for Scientific Research

Provisional Seismological Bulletin

from the

NATIONAL SEISMIC NETWORK

June

2014

Prepared by
The National Centre for Geophysical Research
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GENERAL BULLETIN INFORMATION

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

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

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

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

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

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
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.

June 1 2014 Hour: 9:30 2.1 Lat: 33.54N Lon: 35.73E Depth: 2 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
RCY	SZ	11	116	EP		930	3.93	-0.03	33						1.0
RCY	SN	11	116	ES		930	5.36	0.01							1.0
SHBL	BZ	21	176	EP		930	5.57	0.01							1.0
DQRL	SZ	24	322	EP		930	5.89	-0.01							1.0
DQRL	SN	24	322	ES		930	8.72	-0.00							1.0
BHL	BZ	41	350	EP		930	8.72	0.01							1.0

June 1 2014 Hour: 10:46 7.4 Lat: 33.79N Lon: 35.77E 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	16	319	EP		1046	10.31	-0.01							1.0
DQRL	SZ	21	242	EP		1046	11.01	-0.01	43						1.0
DQRL	SN	21	242	ES		1046	13.68	0.01							1.0
RCY	SZ	34	170	EP		1046	12.98	-0.00							1.0
RCY	SN	34	170	ES		1046	17.08	-0.00							1.0
HWQ	SZ	56	17	EP		1046	16.59	0.01							1.0

June 1 2014 Hour: 12:5 48.4 Agency: REL Regional

EMSC OT=12:05:48.4 34.52N 24.54E 10Km M=4.6 CRETE, GREECE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DQRL	SZ			EP		12 7	59.59								
BHL	BZ			EP		12 8	0.68								
RCY	SZ			EP		12 8	1.92								
HWQ	SZ			EP		12 8	2.71								

June 1 2014 Hour: 14:36 6.9 Lat: 33.79N Lon: 35.79E Depth: 0 Agency: REL Local
Magnitudes: 2.3MC 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		1436	9.75	-0.02	22						1.0
BHL	BE	18	315	ES		1436	11.85	-0.04							1.0
DQRL	SZ	23	245	EP		1436	10.53	-0.01							1.0
DQRL	SN	23	245	ES		1436	13.29	0.05							1.0
RCY	SZ	33	173	EP		1436	12.18	-0.04							1.0
HWQ	SZ	56	15	EP		1436	15.96	0.06							1.0

June 1 2014 Hour: 15:48 10.1 Lat: 33.48N Lon: 35.67E Depth: 10 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	7	11	EP		1548	12.23	-0.04							1.0
QRWL	SN	7	11	ES		1548	13.87	-0.02							1.0
RCY	SZ	16	85	EP		1548	13.30	0.03	33						1.0
SHBL	BZ	17	155	EP		1548	13.26	-0.15							1.0
SHBL	BN	17	155	ES		1548	15.97	0.11							1.0
DQRL	SZ	26	340	EP		1548	14.78	0.08							1.0

June 1 2014 Hour: 20:17 57.7 Lat: 33.43N Lon: 35.58E Depth: 0 Agency: REL Local
Magnitudes: 2.7MC 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	38	EP		2018	0.38	0.08	39						1.0
QRWL	SN	16	38	ES		2018	2.18	-0.04							1.0
SHBL	BZ	18	121	EP		2018	0.63	-0.02							1.0
RCY	SZ	25	74	EP		2018	1.75	-0.01							1.0
RCY	SN	25	74	ES		2018	4.77	0.01							1.0
DQRL	SZ	30	359	EP		2018	2.54	-0.05							1.0
BHL	BZ	53	8	EP		2018	6.25	0.03							1.0

June 1 2014 Hour: 23:9 1.2 Lat: 33.78N Lon: 35.78E 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	18	319	EP		23	9	4.12	0.04	45					1.0
BHL	BE	18	319	ES		23	9	6.18	-0.02						1.0
DQRL	SZ	21	246	EP		23	9	4.76	0.10						1.0
DQRL	SE	21	246	ES		23	9	7.16	-0.04						1.0
QRWL	SZ	28	199	EP		23	9	5.61	-0.09						1.0
QRWL	SE	28	199	ES		23	9	8.98	-0.03						1.0
RCY	SZ	32	171	EP		23	9	6.43	-0.01						1.0
SHBL	BZ	48	184	EP		23	9	9.04	-0.00						1.0
SHBL	BN	48	184	ES		23	9	14.90	0.08						1.0
HWQ	SZ	57	16	EP		23	9	10.39	-0.02						1.0

June 2 2014 Hour: 11:54 7.2 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EP		1154	11.39								
BHL	BZ			EP		1154	12.49								
RCY	SZ			EP		1154	18.74								

June 2 2014 Hour: 12:6 30.2 Lat: 33.86N Lon: 35.81E 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	16	288	EP		12	6	32.84	-0.02	45					1.0
BHL	BE	16	288	ES		12	6	34.81	0.01						1.0
DQRL	SZ	28	233	EP		12	6	34.94	0.05						1.0
DQRL	SE	28	233	ES		12	6	38.30	-0.02						1.0
RCY	SZ	40	177	EP		12	6	36.76	-0.05						1.0
RCY	SN	40	177	ES		12	6	41.70	0.03						1.0
HWQ	SZ	48	15	EP		12	6	38.01	0.01						1.0

June 2 2014 Hour: 12:14 17.6 Lat: 33.87N Lon: 35.82E Depth: 4 Agency: REL Local
Magnitudes: 2.3MC 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	282	EP		1214	20.31	-0.04	22						1.0
BHL	BE	16	282	ES		1214	22.38	0.02							1.0
DQRL	SZ	30	232	EP		1214	22.55	0.01							1.0
RCY	SZ	42	178	EP		1214	24.46	0.01							1.0
RCY	SN	42	178	ES		1214	29.49	-0.01							1.0
HWQ	SZ	46	14	EP		1214	25.13	0.01							1.0

June 2 2014 Hour: 15:6 2.5 Lat: 33.45N Lon: 35.63E Depth: 5 Agency: REL Local
Magnitudes: 2.4MC 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	12	21	EP		15	6	4.57	-0.21						1.0
QRWL	SE	12	21	ES		15	6	6.49	0.06						1.0
SHBL	BZ	15	137	EP		15	6	5.20	-0.00						1.0
SHBL	BE	15	137	ES		15	6	7.19	0.02						1.0
RCY	SZ	20	73	EP		15	6	5.93	0.03	25					1.0
DQRL	SZ	29	348	EP		15	6	7.51	0.09						1.0

June 2 2014 Hour: 23:18 30.4 Agency: REL Regional

EMSC OT=23:17:45.0 34.35N 32.18E 10Km M=3.5 CYPRUS REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QRWL	SZ			EP		2318	33.10								
RCY	SZ			EP		2318	35.14								
DQRL	SZ			EP		2318	35.69								

June 3 2014 Hour: 11:55 43.9 Lat: 33.47N Lon: 35.68E 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	8	0	EP		1155	45.16	-0.06							1.0
QRWL	SE	8	0	ES		1155	46.22	0.02							1.0
RCY	SZ	15	80	EP		1155	46.27	0.01	30						1.0
SHBL	BZ	15	158	EP		1155	46.35	-0.02							1.0
SHBL	BN	15	158	ES		1155	48.21	0.02							1.0
DQRL	SZ	28	338	EP		1155	48.40	0.03							1.0

June 3 2014 Hour: 13: 9 13.8 Lat: 33.80N Lon: 35.78E Depth: 9 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	313	EP		13 9	17.02	-0.00	32						1.0
BHL	BE	17	313	ES		13 9	19.38	-0.01							1.0
DQRL	SZ	23	242	EP		13 9	17.90	0.04							1.0
QRWL	SZ	30	199	EP		13 9	18.86	-0.07							1.0
RCY	SZ	34	172	EP		13 9	19.66	0.03							1.0
RCY	SE	34	172	ES		13 9	23.93	0.01							1.0
HWQ	SZ	55	16	EP		13 9	22.87	0.00							1.0

June 4 2014 Hour: 12: 7 32.1 Agency: REL Distant
EMSC OT=11:58:58.3 59.12N 136.78W 10Km M=5.7 ALASKA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1211	43.48								
QRWL	SZ			EP		1211	45.84								
SHBL	BZ			EP		1211	46.79								

June 4 2014 Hour: 12:36 50.3 Lat: 33.55N Lon: 35.71E Depth: 0 Agency: REL Local
Magnitudes: 2.3MC 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	267	EP		1236	50.78	-0.06	23						1.0
QRWL	SN	3	267	ES		1236	51.23	0.02							1.0
RCY	SZ	13	117	EP		1236	52.36	-0.04							1.0
RCY	SE	13	117	ES		1236	53.95	0.02							1.0
DQRL	SZ	22	322	EP		1236	53.90	0.03							1.0
SHBL	BZ	22	173	EP	D	1236	53.99	0.02							1.0

June 5 2014 Hour: 11:17 38.2 Lat: 34.86N Lon: 33.93E Depth: 20 Agency: REL Regional
Magnitudes: 3.7MC REL Rms: 0.2 secs

CYPRUS REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	191	123	EP		1118	5.98	-0.10							1.0
BHL	BE	191	123	ES		1118	26.55	-0.18							1.0
HWQ	SZ	196	109	EP		1118	6.60	-0.15	129						1.0
HWQ	SE	196	109	ES		1118	28.05	0.16							1.0
DQRL	SZ	198	130	EP		1118	6.85	-0.13							1.0
RCY	SZ	232	130	EP		1118	11.63	0.41							1.0

June 5 2014 Hour: 15:16 32.8 Lat: 33.82N Lon: 35.74E Depth: 33 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	13	320	EP		1516	38.32	-0.13	40						1.0
DQRL	SZ	20	232	EP		1516	38.95	0.02							1.0
DQRL	SN	20	232	ES		1516	43.51	0.05							1.0
RCY	SZ	37	166	EP		1516	40.53	-0.02							1.0
RCY	SN	37	166	ES		1516	46.28	-0.00							1.0
HWQ	SZ	55	20	EP		1516	42.77	0.07							1.0

June 6 2014 Hour: 14: 9 18.0 Lat: 33.98N Lon: 36.11E Depth: 3 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.2 secs

CENTRAL BEKAA

Earthquake was felt

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	36	335	EP		14	9	23.97	0.07	44					1.0
HWQ	SE	36	335	ES		14	9	28.19	-0.06						1.0
BHL	BZ	43	259	EP		14	9	25.07	0.06						1.0
BHL	BE	43	259	ES		14	9	30.06	-0.11						1.0
DQRL	SZ	59	239	EP		14	9	27.76	0.25						1.0
RCY	SZ	60	205	EP		14	9	27.40	-0.26						1.0
RCY	SN	60	205	ES		14	9	34.87	0.07						1.0

June 7 2014 Hour: 12:52 9.3 Lat: 33.78N Lon: 35.76E Depth: 6 Agency: REL Local
Magnitudes: 3.0MC 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	324	EP		1252	12.02	-0.09	64						1.0
DQRL	SZ	20	243	EP		1252	12.63	0.04							1.0
DQRL	SN	20	243	ES		1252	15.16	0.10							1.0
BEYL	SZ	26	291	EP		1252	13.53	-0.07							1.0
QRWL	SZ	27	195	EP		1252	13.59	-0.20							1.0
QRWL	SN	27	195	ES		1252	17.17	0.02							1.0
RCY	SZ	33	167	EP		1252	14.69	0.01							1.0
HWQ	SZ	57	18	EP		1252	18.70	0.12							1.0

June 7 2014 Hour: 13:20 12.3 Lat: 33.49N Lon: 35.65E Depth: 14 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	7	22	EP		1320	15.02	0.01	31						1.0
QRWL	SN	7	22	ES		1320	17.04	-0.00							1.0
RCY	SZ	17	86	EP		1320	16.02	0.00							1.0
SHBL	BZ	17	151	EP		1320	16.05	-0.01							1.0
SHBL	BN	17	151	ES		1320	18.87	0.00							1.0
DQRL	SZ	26	343	EP		1320	17.08	0.00							1.0

June 7 2014 Hour: 17:40 36.5 Lat: 33.78N Lon: 35.78E Depth: 4 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	321	EP		1740	39.40	-0.02	31						1.0
DQRL	SZ	21	246	EP		1740	39.90	-0.02							1.0
DQRL	SN	21	246	ES		1740	42.50	0.02							1.0
QRWL	SZ	27	198	EP		1740	40.96	0.00							1.0
QRWL	SE	27	198	ES		1740	44.28	-0.01							1.0
HWQ	SZ	57	16	EP		1740	45.76	0.02							1.0

June 8 2014 Hour: 12:42 34.9 Lat: 33.48N Lon: 35.68E Depth: 6 Agency: REL Local
Magnitudes: 2.7MC 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	359	EP		1242	36.64	-0.05							1.0
QRWL	SN	8	359	ES		1242	37.97	-0.03							1.0
RCY	SZ	14	81	EP		1242	37.67	0.10	41						1.0
SHBL	BZ	15	159	EP		1242	37.70	-0.03							1.0
DQRL	SZ	27	337	EP		1242	39.56	0.05							1.0
DQRL	SN	27	337	ES		1242	42.97	0.05							1.0
BHL	BZ	47	357	EP		1242	42.67	0.00							1.0
HWQ	SZ	92	15	EP		1242	49.72	-0.10							1.0

June 9 2014 Hour: 3:38 44.4 Lat: 36.28N Lon: 35.46E Depth: 9 Agency: REL Regional
Magnitudes: 4.7MC REL Rms: 0.1 secs

TURKEY REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	227	169	EP		339	17.65	-0.07							1.0
HWQ	SN	227	169	ES		339	42.46	0.07							1.0
BHL	BZ	264	176	EP		339	22.39	0.01	520						1.0
BHL	BN	264	176	ES		339	50.43	-0.07							1.0
BEYL	SZ	267	179	EP		339	23.00	0.34							0.2
DQRL	SZ	286	178	EP		339	25.18	0.12							1.0
QRWL	SZ	304	176	EP		339	27.37	0.08							1.0
RCY	SZ	311	173	EP		339	28.16	-0.04							1.0
SHBL	BZ	327	175	EP		339	30.17	0.03							1.0

June 9 2014 Hour: 9:52 12.7 Lat: 33.47N Lon: 35.58E Depth: 12 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	13	48	EP		952	15.67	-0.00							1.0
QRWL	SN	13	48	ES		952	17.86	0.00							1.0
SHBL	BZ	20	131	EP		952	16.66	0.00							1.0
SHBL	BN	20	131	ES		952	19.58	-0.00							1.0
RCY	SZ	24	83	EP		952	17.15	0.00	27						1.0

June 9 2014 Hour: 12:23 51.6 Lat: 33.41N Lon: 35.63E Depth: 0 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	16	17	EP		1223	54.14	-0.10							1.0
QRWL	SN	16	17	ES		1223	56.18	-0.00							1.0
RCY	SZ	21	63	EP		1223	55.13	0.05	33						1.0
DQRL	SZ	34	350	EP		1223	57.05	0.02							1.0
DQRL	SE	34	350	ES		1224	1.06	0.03							1.0

June 9 2014 Hour: 14:33 33.0 Lat: 33.77N Lon: 35.76E 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	18	326	EP		1433	35.79	-0.02	55						1.0
DQRL	SZ	19	247	EP		1433	36.05	-0.01							1.0
DQRL	SN	19	247	ES		1433	38.36	0.00							1.0
QRWL	SZ	26	196	EP		1433	37.13	-0.02							1.0
BEYL	SZ	27	294	EP		1433	37.81	0.47							0.2
RCY	SZ	31	167	EP		1433	38.07	0.05							1.0
RCY	SN	31	167	ES		1433	41.75	-0.02							1.0
HWQ	SZ	59	17	EP		1433	42.28	-0.13							0.2

June 9 2014 Hour: 16:1 26.9 Lat: 33.78N Lon: 35.80E Depth: 4 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	19	315	EP		16 1	30.06	-0.05	44						1.0
DQRL	SZ	23	248	EP		16 1	30.67	-0.03							1.0
DQRL	SN	23	248	ES		16 1	33.57	0.06							1.0
QRWL	SZ	28	203	EP		16 1	31.48	-0.05							1.0
BEYL	SZ	30	289	EP		16 1	31.56	-0.24							0.2
RCY	SZ	32	174	EP		16 1	32.17	0.03							1.0
RCY	SN	32	174	ES		16 1	35.99	-0.02							1.0
SHBL	BZ	48	186	EP		16 1	34.79	0.02							1.0
HWQ	SZ	57	14	EP		16 1	36.80	0.71							0.2

June 9 2014 Hour: 17:534.8 Lat: 33.78N Lon: 35.78E Depth: 0 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	319	EP		17	5	37.66	-0.01		38				1.0
BHL	BE	18	319	ES		17	5	39.79	-0.03						1.0
DQRL	SZ	21	247	EP		17	5	38.27	0.04						1.0
RCY	SZ	32	171	EP		17	5	39.99	0.04						1.0
RCY	SN	32	171	ES		17	5	43.73	-0.05						1.0
HWQ	SZ	57	15	EP		17	5	44.16	0.20						0.2

June 9 2014 Hour: 23:1850.4 Lat: 33.76N Lon: 35.84E Depth: 8 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
BHL	BZ	23	314	EP		2318	54.51	0.05		37					1.0
BHL	BE	23	314	ES		2318	57.44	-0.04							1.0
DQRL	SZ	25	257	EP		2318	54.72	-0.02							1.0
DQRL	SE	25	257	ES		2318	58.00	0.04							1.0
QRWL	SZ	27	212	EP		2318	54.99	-0.05							1.0
RCY	SZ	29	180	EP		2318	55.35	0.03							1.0
BEYL	SZ	34	292	EP		2318	56.07	0.00							1.0
SHBL	BZ	46	191	EP		2318	57.93	-0.07							1.0
HWQ	SZ	59	10	EP		2318	59.98	0.01							1.0

June 9 2014 Hour: 23:2142.3 Lat: 33.75N Lon: 35.83E Depth: 9 Agency: REL Local
Magnitudes: 2.2MC 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	24	316	EP		2321	46.42	-0.01		19					1.0
BHL	BE	24	316	ES		2321	49.50	0.00							1.0
DQRL	SZ	25	258	EP		2321	46.61	0.01							1.0
DQRL	SN	25	258	ES		2321	49.80	-0.00							1.0
QRWL	SZ	27	212	EP		2321	46.86	-0.00							1.0
SHBL	BZ	46	190	EP		2321	49.82	0.00							1.0

June 9 2014 Hour: 23:4232.8 Lat: 34.67N Lon: 34.66E Depth: 0 Agency: REL Regional
Magnitudes: 3.3MC REL Rms: 0.1 secs

CYPRUS REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	125	132	EP		2342	53.06	0.08		77					1.0
BHL	BN	125	132	ES		2343	7.83	-0.06							1.0
HWQ	SZ	126	110	EP		2342	53.07	-0.09							1.0
HWQ	SN	126	110	ES		2343	8.27	0.06							1.0
DQRL	SZ	136	142	EP		2342	54.95	0.21							1.0
QRWL	SZ	156	142	EP		2342	57.70	-0.01							1.0
RCY	SZ	169	140	EP		2342	59.59	-0.10							1.0
SHBL	BZ	178	145	EP		2343	0.79	-0.09							1.0
SHBL	BN	178	145	ES		2343	21.65	0.01							1.0

June 9 2014 Hour: 23:5415.2 Agency: REL Distant
EMSC OT=23:54:15.2 32.58N 105.17E 10Km M=5.0 SICHUAN-GANSU REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		0	4	1.59							
SHBL	BZ			EP		0	4	3.06							

June 10 2014 Hour: 14:3758.6 Lat: 33.77N Lon: 35.63E 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
DQRL	SZ	9	218	EP		1438	1.83	0.00							1.0
BHL	BZ	15	8	EP		1438	2.31	-0.00		40					1.0
BHL	BE	15	8	ES		1438	5.06	0.00							1.0

RCY	SZ	36	148	EP		1438	5.01	0.00											1.0
RCY	SN	36	148	ES		1438	9.73	-0.01											1.0
HWQ	SZ	63	27	EP		1438	8.94	0.01											1.0

June 11 2014 Hour: 3:53 39.5 Lat: 34.72N Lon: 28.75E Depth: 0 Agency: REL Regional
Magnitudes: 4.2MC REL Rms: 0.2 secs

EASTERN MEDITERRANEAN SEA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BEYL	SZ	628	97	EP		355	2.87	0.05	146						1.0
DQRL	SZ	638	98	EP		355	4.26	0.06							1.0
BHL	BZ	642	96	EP		355	4.07	-0.55							1.0
BHL	BN	642	96	ES		356	7.33	-0.24							1.0
QRWL	SZ	652	100	EP		355	6.00	0.12							1.0
SHBL	BZ	663	101	EP		355	7.34	0.06							1.0
HWQ	BZ	663	92	EP		355	7.17	0.01							1.0
HWQ	BN	663	92	ES		356	12.24	0.24							1.0
RCY	SZ	668	100	EP		355	8.01	0.23							1.0

June 12 2014 Hour: 12:17 20.0 Lat: 33.48N Lon: 35.68E Depth: 8 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	7	360	EP		1217	21.86	-0.09							1.0
QRWL	SE	7	360	ES		1217	23.41	0.02							1.0
RCY	SZ	14	83	EP		1217	22.83	0.02	32						1.0
SHBL	BZ	16	159	EP		1217	22.94	-0.06							1.0
SHBL	BN	16	159	ES		1217	25.28	0.05							1.0
DQRL	SZ	27	337	EP		1217	24.69	0.06							1.0

June 12 2014 Hour: 13:9 27.2 Lat: 33.50N Lon: 35.67E 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	5	8	EP		13 9	28.09	-0.03	23						1.0
QRWL	SN	5	8	ES		13 9	28.78	0.01							1.0
RCY	SZ	15	91	EP		13 9	29.69	0.01							1.0
DQRL	SZ	25	337	EP		13 9	31.25	0.00							1.0
DQRL	SN	25	337	ES		13 9	34.22	0.01							1.0

June 13 2014 Hour: 0:34 51.8 Lat: 35.31N Lon: 27.42E Depth: 0 Agency: REL Regional
Magnitudes: 4.5MC REL Rms: 0.2 secs

EMSC OT=00:34:52.0 35.33N 27.04E 80Km M=4.7 DODECANESE ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BEYL	SZ	757	100	EP		036	30.66	0.11							1.0
DQRL	SZ	769	101	EP		036	31.60	-0.42							1.0
BHL	BZ	771	99	EP		036	32.01	-0.23	200						1.0
BHL	BN	771	99	ES		037	46.61	0.02							1.0
QRWL	SZ	784	102	EP		036	33.90	0.14							1.0
HWQ	BZ	788	96	EP		036	34.48	0.17							1.0
HWQ	BN	788	96	ES		037	50.17	-0.02							1.0
SHBL	BZ	796	104	EP		036	35.30	0.05							1.0
RCY	SZ	799	102	EP		036	35.79	0.18							1.0

June 13 2014 Hour: 17:30 53.0 Lat: 33.79N Lon: 35.74E Depth: 10 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	15	328	EP		1730	56.14	-0.01	33						1.0
DQRL	SZ	18	240	EP		1730	56.60	0.05							1.0
DQRL	SE	18	240	ES		1730	59.12	-0.02							1.0
QRWL	SZ	27	192	EP		1730	57.79	-0.02							1.0
RCY	SZ	33	165	EP		1730	58.74	-0.03							1.0
RCY	SN	33	165	ES		1731	3.04	0.02							1.0
HWQ	SZ	58	19	EP		1731	2.59	0.06							0.2

June 14 2014 Hour: 11:11 1.4 Agency: REL Distant
EMSC OT=11:11:01.4 10.02S 91.02E 10Km M=6.5 SOUTH INDIAN OCEAN
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ BZ EP 1121 59.23
 SHBL BZ EP 1122 1.97
 BHL BZ EP 1122 3.79

June 14 2014 Hour: 11:40 30.6 Lat: 33.49N Lon: 35.65E Depth: 14 Agency: REL Local
Magnitudes: 2.7MC REL
MOUNT HERMON REGION
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 QRWL SZ 7 26 EP 1140 33.25-0.02 39 1.0
 RCY SZ 18 87 EP 1140 34.35 0.01 1.0
 SHBL BZ 18 150 EP 1140 34.37-0.02 1.0
 SHBL BN 18 150 ES 1140 37.22 0.01 1.0
 DQRL SZ 25 344 EP 1140 35.33 0.01 1.0
 DQRL SN 25 344 ES 1140 38.83 0.00 1.0

June 14 2014 Hour: 13:0 36.0 Lat: 33.78N Lon: 35.79E Depth: 1 Agency: REL Local
Magnitudes: 2.7MC REL
BEIRUT REGION
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ 18 316 EP 13 0 38.95-0.01 41 1.0
 DQRL SZ 22 247 EP 13 0 39.62 0.03 1.0
 DQRL SN 22 247 ES 13 0 42.28-0.01 1.0
 QRWL SZ 28 201 EP 13 0 40.50-0.03 1.0
 RCY SZ 32 173 EP 13 0 41.18 0.01 1.0
 RCY SE 32 173 ES 13 0 45.03 0.00 1.0
 HWQ SZ 57 14 EP 13 0 45.08-0.00 1.0

June 14 2014 Hour: 17:31 42.1 Agency: REL Distant
EMSC OT=17:31:42.1 39.47N 141.04E 95Km M=5.6 EASTERN HONSHU
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ BZ EP 1743 36.45
 BHL BZ EP 1743 38.95
 SHBL BZ EP 1743 40.85

June 15 2014 Hour: 13:0 21.5 Lat: 33.43N Lon: 35.72E Depth: 26 Agency: REL Local
Magnitudes: 2.6MC REL
MOUNT HERMON REGION
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 SHBL BZ 10 164 EP 13 0 26.25 0.10 1.0
 SHBL BE 10 164 ES 13 0 29.49-0.06 1.0
 RCY SZ 13 57 EP 13 0 26.36 0.00 36 1.0
 DQRL SZ 33 336 EP 13 0 28.13-0.10 1.0
 DQRL SE 33 336 ES 13 0 33.24 0.06 1.0
 BHL BZ 53 354 EP 13 0 30.70-0.03 0.2

June 15 2014 Hour: 13:13 3.9 Lat: 33.81N Lon: 35.79E Depth: 17 Agency: REL Local
Magnitudes: 2.5MC REL
BEIRUT REGION
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ 16 309 EP 1313 7.74 0.01 30 1.0
 DQRL SZ 24 240 EP 1313 8.58-0.01 1.0
 DQRL SE 24 240 ES 1313 12.08-0.00 1.0
 RCY SZ 35 173 EP 1313 10.17 0.00 1.0
 RCY SN 35 173 ES 1313 14.82-0.01 1.0
 HWQ SZ 54 15 EP 1313 12.81 0.01 1.0

June 15 2014 Hour: 18:19 13.8 Agency: REL Distant
EMSC OT=18:19:13.8 36.65N 141.72E 10Km 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 1831 32.20
 SHBL BZ EP 1831 34.30

June 15 2014 Hour: 20:22 41.7 Lat: 33.57N Lon: 35.56E Depth: 7 Agency: REL Local
 Magnitudes: 2.3MC 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 12 102 EP 2022 44.08 0.02 24 1.0
 QRWL SN 12 102 ES 2022 45.79-0.01 1.0
 DQRL SZ 15 3 EP 2022 44.52-0.02 1.0
 DQRL SN 15 3 ES 2022 46.63 0.01 1.0
 BHL BZ 38 13 EP 2022 48.02 0.00 1.0

June 15 2014 Hour: 20:14 51.6 Agency: REL Distant
EMSC OT=20:14:51.6 37.17N 141.01E 50Km 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 2027 0.53
 RCY SZ EP 2027 1.77
 QRWL SZ EP 2027 1.98
 SHBL BZ EP 2027 2.43

June 15 2014 Hour: 23: 6 45.9 Lat: 33.79N Lon: 35.81E Depth: 2 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 19 311 EP 23 6 49.07 0.00 25 1.0
 BHL BE 19 311 ES 23 6 51.43 0.01 1.0
 DQRL SZ 24 248 EP 23 6 49.84 0.00 1.0
 QRWL SZ 29 204 EP 23 6 50.58-0.07 1.0
 QRWL SN 29 204 ES 23 6 54.17-0.01 1.0
 SHBL BZ 49 187 EP 23 6 53.94 0.08 1.0
 HWQ SZ 56 13 EP 23 6 54.86-0.02 1.0

June 16 2014 Hour: 9:37 12.2 Lat: 33.55N Lon: 35.72E Depth: 0 Agency: REL Local
 Magnitudes: 2.7MC REL Rms: 0.1 secs
CENTRAL BEKAA
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 RCY SZ 12 118 EP 937 14.02-0.07 1.0
 SHBL BZ 22 175 EP 937 15.81 0.07 1.0
 SHBL BE 22 175 ES 937 18.36-0.01 1.0
 DQRL SZ 23 321 EP 937 15.80-0.06 1.0
 DQRL SN 23 321 ES 937 18.61 0.03 1.0
 BHL BZ 40 351 EP 937 18.59-0.09 37 1.0
 HWQ SZ 84 14 EP 937 25.83 0.13 1.0

June 16 2014 Hour: 13:27 57.3 Lat: 33.50N Lon: 35.69E Depth: 0 Agency: REL Local
 Magnitudes: 2.4MC 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 5 357 EP 1327 58.03-0.09 25 1.0
 QRWL SE 5 357 ES 1327 58.77 0.03 1.0
 RCY SZ 14 92 EP 1327 59.57 0.02 1.0
 DQRL SZ 25 335 EP 1328 1.37 0.05 1.0
 DQRL SN 25 335 ES 1328 4.30-0.01 1.0

June 16 2014 Hour: 17:42 24.1 Agency: REL Distant
EMSC OT=17:42:24.1 33.91N 139.64E 139Km M=5.3 IZU ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 1754 28.40
 QRWL SZ EP 1754 29.49

June 16 2014 Hour: 19:34 44.4 Lat: 33.31N Lon: 35.87E Depth: 0 Agency: REL Local
Magnitudes: 2.8MC 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 12 288 EP 1934 46.40 0.00 49 1.0
 SHBL BN 12 288 ES 1934 47.85-0.01 1.0
 RCY SZ 20 352 EP 1934 47.70-0.03 1.0
 RCY SN 20 352 ES 1934 50.17 0.00 1.0
 QRWL SZ 31 326 EP 1934 49.46 0.02 1.0
 DQRL SZ 51 328 EP 1934 52.71-0.02 1.0
 DQRL SN 51 328 ES 1934 58.86-0.01 1.0
 BHL BZ 68 343 EP 1934 55.50 0.05 1.0
 HWQ SZ 107 4 EP 1935 1.50-0.20 0.2

June 17 2014 Hour: 14:20 57.4 Lat: 33.47N Lon: 35.69E Depth: 2 Agency: REL Local
Magnitudes: 2.8MC 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 8 356 EP 1420 58.79-0.02 1.0
 RCY SZ 14 80 EP 1420 59.73 0.01 1.0
 SHBL BZ 15 160 EP 1420 59.86-0.03 1.0
 SHBL BN 15 160 ES 1421 1.77 0.02 1.0
 DQRL SZ 28 337 EP 1421 1.92 0.01 44 1.0
 DQRL SN 28 337 ES 1421 5.26 0.01 1.0

June 17 2014 Hour: 15:47 47.8 Lat: 33.78N Lon: 35.79E Depth: 4 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 19 317 EP 1547 50.79-0.17 37 1.0
 BHL BN 19 317 ES 1547 53.26-0.00 1.0
 DQRL SZ 22 248 EP 1547 51.40-0.10 1.0
 DQRL SN 22 248 ES 1547 54.36 0.15 1.0
 RCY SZ 32 173 EP 1547 53.02-0.02 1.0
 RCY SN 32 173 ES 1547 56.89-0.00 1.0
 HWQ SZ 57 15 EP 1547 57.22 0.15 1.0

June 17 2014 Hour: 16:11 2.1 Lat: 34.07N Lon: 35.60E Depth: 0 Agency: REL Local
Magnitudes: 2.3MC REL Rms: 0.0 secs
KESROUANE
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ 19 165 EP 1611 5.10-0.02 24 1.0
 BHL BN 19 165 ES 1611 7.38 0.01 1.0
 HWQ SZ 39 54 EP 1611 8.43 0.00 1.0
 DQRL SZ 40 184 EP 1611 8.59 0.01 1.0
 RCY SZ 67 161 EP 1611 12.90 0.01 1.0
 RCY SE 67 161 ES 1611 20.89-0.00 1.0

June 19 2014 Hour: 6:19 54.0 Lat: 33.55N 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 3 260 EP 619 54.46-0.05 36 1.0
 RCY SZ 13 119 EP 619 56.07-0.03 1.0
 RCY SN 13 119 ES 619 57.65 0.01 1.0
 DQRL SZ 22 322 EP 619 57.56 0.07 1.0
 SHBL BZ 23 173 EP 619 57.60-0.09 1.0

SHBL BN 23 173 ES 620 0.50 0.09 1.0

June 19 2014 Hour: 10:41 16.2 Lat: 33.79N Lon: 35.77E Depth: 0 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	320	EP		1041	18.85	-0.06	41						1.0
DQRL	SZ	21	244	EP		1041	19.51	-0.06							1.0
DQRL	SE	21	244	ES		1041	22.14	0.07							1.0
RCY	SZ	33	170	EP		1041	21.53	-0.01							1.0
RCY	SE	33	170	ES		1041	25.49	-0.00							1.0
HWQ	SZ	57	17	EP		1041	25.39	0.06							1.0

June 19 2014 Hour: 11:31 21.6 Lat: 34.78N Lon: 36.01E Depth: 3 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.1 secs

HOMS REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	56	186	EP		1131	30.60	-0.09	61						1.0
HWQ	SN	56	186	ES		1131	37.45	0.05							1.0
BHL	BZ	103	199	EP		1131	38.19	0.00							1.0
DQRL	SZ	126	199	EP		1131	41.93	0.09							1.0
DQRL	SN	126	199	ES		1131	56.73	-0.05							1.0
RCY	SZ	143	187	EP		1131	44.42	0.00							1.0

June 19 2014 Hour: 20:30 48.8 Lat: 35.90N Lon: 32.26E Depth: 21 Agency: REL Regional
Magnitudes: 4.5MC REL Rms: 0.5 secs

CYPRUS REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BEYL	SZ	371	126	EP		2031	38.04	-0.79							0.2
HWQ	SZ	381	117	EP		2031	40.45	0.32							1.0
BHL	BZ	381	125	EP		2031	39.12	-0.98	296						1.0
BHL	BE	381	125	ES		2032	18.52	0.43							1.0
HWQ	SE	381	117	ES		2032	18.71	0.56							1.0
DQRL	SZ	388	128	EP		2031	39.65	-1.35							1.0
QRWL	SZ	407	129	EP		2031	43.48	0.16							1.0
QRWL	SN	407	129	ES		2032	23.48	-0.22							1.0
RCY	SZ	422	128	EP		2031	45.12	-0.02							1.0
RCY	SE	422	128	ES		2032	26.95	0.09							1.0
SHBL	BZ	426	131	EP		2031	45.92	0.24							1.0
SHBL	BN	426	131	ES		2032	27.78	-0.03							1.0

June 20 2014 Hour: 1:36 41.6 Lat: 34.85N Lon: 36.34E Depth: 5 Agency: REL Local
Magnitudes: 3.6MC REL Rms: 0.2 secs

HOMS REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	73	210	EP		136	53.11	-0.22							1.0
HWQ	SN	73	210	ES		137	2.09	0.07							1.0
BHL	BZ	122	211	EP		137	1.00	-0.06	127						1.0
BHL	BN	122	211	ES		137	15.60	0.13							1.0
BEYL	SZ	133	216	EP		137	2.96	0.32							1.0
DQRL	SZ	145	209	EP		137	4.63	0.20							1.0
DQRL	SE	145	209	ES		137	21.38	0.04							1.0
QRWL	SZ	156	203	EP		137	6.14	0.06							1.0
RCY	SZ	157	197	EP		137	5.95	-0.24							1.0
RCY	SN	157	197	ES		137	24.41	0.01							1.0
SHBL	BZ	175	198	EP		137	8.76	-0.12							1.0
SHBL	BN	175	198	ES		137	29.05	-0.02							1.0

June 20 2014 Hour: 13:59 43.5 Agency: REL Regional

EMSC OT=13:59:43.5 36.32N 28.57E 60Km M=4.3 DODECANESE ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	121	114	EP		14	1	10.51	-0.08						1.0
DQRL	SZ	125	125	EP		14	1	11.16	-0.09						1.0
HWQ	SZ	137	93	EP		14	1	12.95	0.02						1.0
QRWL	SZ	144	128	EP		14	1	14.17	0.15						1.0
RCY	SZ	159	127	EP		14	1	16.01	0.11						1.0
SHBL	BZ	163	133	EP		14	1	16.32	-0.12						1.0

June 20 2014 Hour: 16: 2 52.1 Lat: 33.80N Lon: 35.77E Depth: 13 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	318	EP		16	2	55.59	-0.00	41					1.0
DQRL	SZ	21	241	EP		16	2	56.22	-0.02						1.0
DQRL	SN	21	241	ES		16	2	59.34	0.02						1.0
RCY	SZ	34	170	EP		16	2	58.05	-0.01						1.0
RCY	SN	34	170	ES		16	3	2.50	0.01						1.0
HWQ	SZ	56	17	EP		16	3	1.31	0.01						1.0

June 20 2014 Hour: 22:54 18.6 Agency: REL Distant

EMSC OT=22:54:18.6 29.73N 50.91E 3Km M=5.1 SOUTHERN IRAN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EP		2257	29.11								
SHBL	BZ			EP		2257	30.41								
BHL	BZ			EP		2257	33.36								

June 21 2014 Hour: 14: 7 23.2 Lat: 33.79N Lon: 35.79E Depth: 8 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	317	EP		14	7	26.41	-0.06	35					1.0
DQRL	SZ	22	246	EP		14	7	27.10	0.03						1.0
DQRL	SE	22	246	ES		14	7	29.97	0.03						1.0
QRWL	SZ	28	200	EP		14	7	27.92	-0.09						1.0
RCY	SZ	33	172	EP		14	7	28.73	0.04						1.0
RCY	SN	33	172	ES		14	7	32.75	-0.00						1.0
HWQ	SZ	56	15	EP		14	7	32.46	0.03						1.0

June 21 2014 Hour: 17:16 29.2 Lat: 33.59N Lon: 35.62E Depth: 10 Agency: REL Local
Magnitudes: 2.5MC 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	8	131	EP		1716	31.39	0.00							1.0
QRWL	SN	8	131	ES		1716	32.97	-0.00							1.0
DQRL	SZ	13	339	EP		1716	32.04	-0.00	31						1.0
DQRL	SN	13	339	ES		1716	34.11	0.00							1.0
BHL	BZ	35	5	EP		1716	35.12	0.00							1.0

June 22 2014 Hour: 14:56 45.1 Lat: 33.80N Lon: 35.77E Depth: 13 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	318	EP		1456	48.55	0.00	26						1.0
BHL	BE	15	318	ES		1456	51.08	-0.00							1.0
DQRL	SZ	21	240	EP		1456	49.26	-0.00							1.0
DQRL	SN	21	240	ES		1456	52.33	0.00							1.0
RCY	SZ	35	169	EP		1456	51.20	0.00							1.0
HWQ	SZ	55	17	EP		1456	54.29	0.00							1.0

June 22 2014 Hour: 15:15.2 Lat: 35.58N Lon: 37.36E Depth: 33 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	SZ	193	222	EP		15	2	18.52	0.06		91				1.0
HWQ	SE	193	222	ES		15	2	38.56	-0.05						1.0
BHL	BZ	243	221	EP		15	2	24.45	-0.08						1.0
BHL	BE	243	221	ES		15	2	49.13	-0.04						1.0
DQRL	SZ	265	219	EP		15	2	27.34	0.07						1.0
DQRL	SN	265	219	ES		15	2	54.02	0.09						1.0
RCY	SZ	270	212	EP		15	2	27.91	-0.05						1.0

June 23 2014 Hour: 11:57 3.3 Lat: 33.49N Lon: 35.65E Depth: 16 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	7	27	EP		1157		6.24	0.06						1.0
QRWL	SN	7	27	ES		1157		8.30	-0.03						1.0
RCY	SZ	17	89	EP		1157		7.19	-0.00		42				1.0
SHBL	BZ	19	152	EP		1157		7.31	-0.03						1.0
SHBL	BN	19	152	ES		1157		10.35	0.01						1.0
DQRL	SZ	25	342	EP		1157		8.02	-0.02						1.0

June 23 2014 Hour: 19:21 50.4 Agency: REL Distant
EMSC OT=19:21:50.4 30.00S 177.33W 30Km M=6.3 KERMADEC ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EP		1941		39.99							
BHL	BZ			EP		1941		40.62							
DQRL	SZ			EP		1941		41.37							
QRWL	SZ			EP		1941		41.30							

June 23 2014 Hour: 20:06 20.1 Agency: REL Distant
EMSC OT=20:06:20.1 30.03S 177.48W 20Km M=6.5 KERMADEC ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EP		2026		6.47							
QRWL	SZ			EP		2026		6.56							
SHBL	BZ			EP		2026		7.08							
BHL	BZ			EP		2026		7.34							

June 23 2014 Hour: 20:23 31.8 Agency: REL Distant
EMSC OT=20:23:31.8 30.21S 177.22W 2Km M=5.4 KERMADEC ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EP		2043		27.64							
QRWL	SZ			EP		2043		28.97							
BHL	BZ			EP		2043		29.11							
DQRL	SZ			EP		2043		29.67							

June 23 2014 Hour: 20:28 2.2 Agency: REL Distant
EMSC OT=20:28:02.2 30.05S 177.64W 26Km M=5.4 KERMADEC ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ			EP		2047		55.34							
QRWL	SZ			EP		2047		55.30							
DQRL	SZ			EP		2047		55.61							

June 23 2014 Hour: 20:53 9.6 Agency: REL Distant
EMSC OT=20:53:09.6 51.85N 178.76E 106Km M=7.9 RAT ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		21	5	50.92							
DQRL	SZ			EP		21	5	51.62							
QRWL	SZ			EP		21	5	52.02							
RCY	SZ			EP		21	5	52.46							
SHBL	BZ			EP		21	5	53.26							

June 23 2014 Hour: 21: 8 53.0 Agency: REL Distant
EMSC OT=21:08:53.0 30.48S 176.93W 10Km M=5.6 KERMADEC ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 RCY SZ EP 2128 50.40
 QRWL SZ EP 2128 50.40
 DQRL SZ EP 2128 51.00
 BHL BZ EP 2128 50.72

June 23 2014 Hour: 22:15 49.4 Agency: REL Distant
EMSC OT=22:15:49.4 30.26S 177.55W 2Km M=5.5 KERMADEC ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 2235 43.75
 QRWL SZ EP 2235 44.24
 DQRL SZ EP 2235 44.85

June 23 2014 Hour: 22:25 32.3 Agency: REL Distant
EMSC OT=22:20:13.1 29.96S 177.20W 60Km M=5.9 KERMADEC ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 SHBL BZ EP 2239 58.12
 RCY SZ EP 2239 58.85
 QRWL SZ EP 2239 58.92
 DQRL SZ EP 2239 59.98
 BHL BZ EP 2239 59.65

June 23 2014 Hour: 22:33 47.4 Agency: REL Distant
EMSC OT=22:33:47.4 30.36S 177.60W 10Km M=5.1 KERMADEC ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 2253 43.00
 QRWL SZ EP 2253 43.19
 DQRL SZ EP 2253 43.56

June 23 2014 Hour: 23:53 28.0 Agency: REL Distant
EMSC OT=23:53:28.0 30.03S 177.22W 10Km M=5.1 KERMADEC ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 2413 22.68
 QRWL SZ EP 2413 22.79
 DQRL SZ EP 2413 22.90

June 24 2014 Hour: 2:47 49.6 Agency: REL Distant
EMSC OT=02:47:49.6 29.96S 177.06W 10Km M=5.1 KERMADEC ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 3 7 44.85
 SHBL BZ EP 3 7 45.22
 DQRL SZ EP 3 7 45.69

June 24 2014 Hour: 3:15 40.8 Agency: REL Distant
EMSC OT=03:15:40.8 52.26N 176.87E 30Km M=6.6 RAT ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 328 26.92
 HWQ BZ EP 328 24.26

June 24 2014 Hour: 4:20 3.2 Agency: REL Distant
EMSC OT=04:20:03.2 26.14N 155.93E 10Km M=5.5 N PACIFIC OCEAN
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 432 59.98
 SHBL BZ EP 433 0.20

June 24 2014 Hour: 4:25 40.8 Agency: REL Distant
EMSC OT=04:25:40.8 30.28S 177.24W 32Km M=5.2 KERMADEC ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 SHBL BZ EP 445 32.97
 BHL BZ EP 445 32.65

June 24 2014 Hour: 10:52 55.4 Lat: 33.67N Lon: 34.84E Depth: 12 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.1 secs
OFFSHORE SOUTH LEBANON
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 DQRL SZ 68 87 EP 1053 6.45-0.02 1.0
 DQRL SN 68 87 ES 1053 14.68 0.03 1.0
 QRWL SZ 79 100 EP 1053 8.50 0.33 1.0
 QRWL SN 79 100 ES 1053 17.56-0.04 1.0
 BHL BZ 80 71 EP 1053 8.23 0.02 1.0
 SHBL BZ 91 113 EP 1053 9.76-0.21 1.0
 RCY SZ 95 102 EP 1053 10.39-0.03 57 1.0
 HWQ SZ 122 56 EP 1053 14.38-0.11 1.0

June 24 2014 Hour: 14:42 51.9 Lat: 33.78N Lon: 35.77E Depth: 2 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 17 324 EP 1442 54.73-0.00 33 1.0
 BHL BN 17 324 ES 1442 56.85 0.01 1.0
 DQRL SZ 20 246 EP 1442 55.15 0.02 1.0
 DQRL SN 20 246 ES 1442 57.50-0.02 1.0
 RCY SZ 32 168 EP 1442 57.07 0.00 1.0
 HWQ SZ 58 17 EP 1443 1.23-0.01 1.0

June 24 2014 Hour: 16:53 42.0 Agency: REL Distant
EMSC OT=16:53:42.0 30.27S 177.38W 10Km M=5.1 KERMADEC ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 1713 37.46
 SHBL BZ EP 1713 37.58

June 25 2014 Hour: 13:18 12.2 Lat: 34.63N Lon: 36.19E Depth: 4 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 45 210 EP 1318 19.52-0.01 61 1.0
 HWQ SN 45 210 ES 1318 24.92-0.01 1.0
 BHL BZ 94 212 EP 1318 27.48 0.02 1.0
 DQRL SZ 117 209 EP 1318 31.08 0.00 1.0
 DQRL SN 117 209 ES 1318 45.04 0.01 1.0
 RCY SZ 130 195 EP 1318 32.94-0.01 1.0

June 25 2014 Hour: 15: 8 53.6 Lat: 33.80N Lon: 35.78E Depth: 13 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 16 313 EP 15 8 57.01-0.01 38 1.0
 DQRL SZ 23 241 EP 15 8 57.80-0.03 1.0
 DQRL SN 23 241 ES 15 9 1.02 0.03 1.0
 RCY SZ 35 172 EP 15 8 59.56-0.03 1.0
 RCY SN 35 172 ES 15 9 4.08 0.02 1.0
 HWQ SZ 55 16 EP 15 9 2.70 0.03 1.0

June 25 2014 Hour: 22:46 40.0 Agency: REL Distant
EMSC OT=22:46:40.0 30.46S 177.28W 2Km M=5.5 KERMADEC ISLANDS
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 23 6 36.66
 RCY SZ EP 23 6 36.88
 QRWL SZ EP 23 6 36.81
 DQRL SZ EP 23 6 37.22

June 26 2014 Hour: 2:30 6.0 Agency: REL Distant
EMSC OT=02:30:06.0 30.04S 176.93W 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 249 58.43
 SHBL BZ EP 249 58.83

June 26 2014 Hour: 10:19 34.3 Lat: 33.79N Lon: 35.74E 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 15 328 EP 1019 37.25-0.12 40 1.0
 BHL BN 15 328 ES 1019 39.62 0.02 1.0
 DQRL SZ 18 241 EP 1019 37.85 0.08 1.0
 RCY SZ 33 165 EP 1019 39.88-0.13 1.0
 RCY SN 33 165 ES 1019 44.26 0.06 1.0
 HWQ SZ 58 19 EP 1019 43.89 0.08 1.0

June 27 2014 Hour: 14:58 41.0 Lat: 33.79N Lon: 35.78E Depth: 13 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 17 316 EP 1458 44.66 0.01 41 1.0
 DQRL SZ 22 244 EP 1458 45.23-0.02 1.0
 DQRL SN 22 244 ES 1458 48.40 0.01 1.0
 RCY SZ 33 172 EP 1458 46.86-0.01 1.0
 RCY SE 33 172 ES 1458 51.21 0.01 1.0
 SHBL BZ 49 184 EP 1458 49.33 0.01 1.0

June 27 2014 Hour: 16: 6 33.6 Lat: 33.79N Lon: 35.78E Depth: 4 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 16 6 36.47-0.01 40 1.0
 BHL BN 17 318 ES 16 6 38.64 0.01 1.0
 DQRL SZ 21 244 EP 16 6 37.15 0.01 1.0
 RCY SZ 33 171 EP 16 6 38.98 0.00 1.0
 RCY SN 33 171 ES 16 6 42.96-0.01 1.0
 HWQ SZ 56 16 EP 16 6 42.72 0.01 1.0

June 28 2014 Hour: 11:11 57.7 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 8 353 EP 1111 58.91-0.09 31 1.0
 QRWL SN 8 353 ES 1112 0.02 0.03 1.0
 RCY SZ 14 80 EP 1111 59.88 0.01 1.0
 SHBL BZ 15 161 EP 1112 0.07-0.01 1.0
 SHBL BN 15 161 ES 1112 1.88 0.01 1.0
 DQRL SZ 28 336 EP 1112 2.22 0.04 1.0

June 28 2014 Hour: 16:25 52.3 Lat: 33.53N Lon: 35.70E Depth: 0 Agency: REL Local
Magnitudes: 2.7MC 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	311	EP		1625	52.66	-0.08							1.0
RCY	SZ	13	108	EP		1625	54.27	-0.09	40						1.0
RCY	SN	13	108	ES		1625	55.92	0.02							1.0
SHBL	BZ	21	170	EP		1625	55.67	0.04							1.0
SHBL	BN	21	170	ES		1625	58.11	0.01							1.0
DQRL	SZ	23	327	EP		1625	56.00	0.01							1.0
BHL	BZ	42	354	EP		1625	59.08	0.09							1.0

June 29 2014 Hour: 15:52 25.7 Agency: REL Distant

EMSC OT=15:52:25.7 14.97S 175.41W 10Km M=6.4 SAMOA ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1612	7.25								
SHBL	BZ			EP		1612	10.17								

June 29 2014 Hour: 17:15 10.1 Agency: REL Distant

EMSC OT=17:15:10.1 15.05S 175.50W 10Km M=6.6 TONGA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1734	52.36								
SHBL	BZ			EP		1734	53.74								

June 30 2014 Hour: 1:46 23.6 Agency: REL Distant

EMSC OT=01:46:23.6 00.08N 17.34W 10Km M=5.7 ASCENSION ISLAND

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ			EP		156	29.65								
BHL	BZ			EP		156	30.29								
HWQ	BZ			EP		156	32.85								

June 30 2014 Hour: 9: 8 6.5 Lat: 32.52N Lon: 35.45E Depth: 0 Agency: REL Regional

Magnitudes: 3.2MC REL Rms: 0.1 secs

DEAD SEA REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ	96	17	EP		9 8	21.92	-0.07							1.0
SHBL	BN	96	17	ES		9 8	33.46	0.04							1.0
RCY	SZ	114	18	EP		9 8	24.81	-0.13							1.0
RCY	SN	114	18	ES		9 8	38.53	-0.01							1.0
QRWL	SZ	116	11	EP		9 8	25.02	-0.22							1.0
DQRL	SZ	132	5	EP		9 8	27.68	-0.14							1.0
DQRL	SN	132	5	ES		9 8	43.63	0.08							1.0
BEYL	SZ	150	1	EP		9 8	30.39	-0.05							1.0
BHL	BZ	155	7	EP		9 8	31.27	0.07	65						1.0
BHL	BN	155	7	ES		9 8	49.51	0.07							1.0
HWQ	SZ	200	13	EP		9 8	37.58	0.01							1.0

June 30 2014 Hour: 16:35 25.4 Lat: 34.72N Lon: 34.07E Depth: 0 Agency: REL Regional

Magnitudes: 3.7MC 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	172	121	EP		1635	52.10	-0.52							1.0
DQRL	SZ	178	129	EP		1635	53.46	-0.14							1.0
DQRL	SN	178	129	ES		1636	14.05	-0.39							1.0
HWQ	SZ	179	105	EP		1635	53.55	-0.18	140						1.0
HWQ	SN	179	105	ES		1636	14.98	0.32							1.0
QRWL	SZ	198	131	EP		1635	56.16	0.03							1.0
RCY	SZ	212	129	EP		1635	58.08	0.10							1.0
SHBL	BZ	217	134	EP		1635	59.01	0.42							1.0
SHBL	BN	217	134	ES		1636	23.47	0.36							1.0

June 30 2014 Hour: 17:56 18.7 Lat: 32.98N Lon: 35.69E Depth: 13 Agency: REL Regional
Magnitudes: 2.3MC REL Rms: 0.0 secs

NORTH GALILEE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ	42	7	EP		1756	25.81	-0.02	21						1.0
SHBL	BN	42	7	ES		1756	31.11	0.01							1.0
RCY	SZ	59	14	EP		1756	28.50	0.05							1.0
RCY	SN	59	14	ES		1756	35.66	-0.01							1.0
QRWL	SZ	63	360	EP		1756	28.93	-0.08							1.0
DQRL	SZ	82	352	EP		1756	31.76	0.06							1.0

Epicentral Map of Lebanon

JUNE 2014

