

Republic of Lebanon
National Council for Scientific Research

Provisional Seismological Bulletin

from the

NATIONAL SEISMIC NETWORK

April

2012

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	Opened Nov 2000
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	Scheduled 2003
BEYL	3352.30N	3529.59E	49	BEIRUT	Opened Jul 2006
NAQL	3307.02N	3508.46E	83	NAQOURA	Opened Jul 2008
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 2012 Hour: 10:16 18.0 Lat: 33.38N Lon: 35.62E Depth: 9 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	12	106	EP		1016	20.53	-0.03							1.0
SHBL	BN	12	106	ES		1016	22.51	0.03							1.0
QRWL	SZ	20	17	EP		1016	21.55	0.01							1.0
QRWL	SN	20	17	ES		1016	24.16	-0.02							1.0
AZOL	BZ	22	339	EP		1016	21.81	-0.05							1.0
RCY	SZ	24	57	EP		1016	22.21	0.02	40						1.0
RCY	SN	24	57	ES		1016	25.30	-0.01							1.0
DQRL	SZ	37	352	EP		1016	24.15	0.04							1.0
DQRL	SN	37	352	ES		1016	28.67	0.02							1.0
BHL	BZ	58	3	EP		1016	27.60	0.06							1.0
TZHL	BZ	59	25	EP		1016	27.50	-0.06							1.0

April 1 2012 Hour: 13:47 16.3 Lat: 33.78N Lon: 35.78E Depth: 7 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
TZHL	BZ	13	50	EP		1347	18.77	0.01							1.0
BHL	BZ	18	319	EP		1347	19.40	-0.04	37						1.0
BHL	BE	18	319	ES		1347	21.80	0.01							1.0
DQRL	SZ	21	246	EP		1347	19.96	-0.03							1.0
DQRL	SN	21	246	ES		1347	22.75	0.01							1.0
BEYL	BZ	28	290	EP		1347	21.00	0.00							1.0
RCY	SZ	32	171	EP		1347	21.67	-0.04							1.0
RCY	SN	32	171	ES		1347	25.74	0.02							1.0
AZOL	BZ	33	222	EP		1347	21.85	0.01							1.0
QRTL	BZ	35	11	EP		1347	22.04	0.00							1.0
MATL	BZ	53	232	EP		1347	24.97	0.03							1.0
HWQ	SZ	57	16	EP		1347	25.57	0.02							1.0

April 1 2012 Hour: 23:9 57.7 Lat: 33.79N Lon: 35.79E Depth: 7 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
TZHL	BZ	12	46	EP		2310	0.01	0.02							1.0
BHL	BZ	18	315	EP		2310	0.93	-0.02	40						1.0
DQRL	SZ	23	247	EP		2310	1.56	-0.01							1.0
DQRL	SN	23	247	ES		2310	4.49	0.02							1.0
RCY	SZ	32	173	EP		2310	3.07	-0.01							1.0
RCY	SN	32	173	ES		2310	7.04	-0.05							1.0
QRTL	BZ	34	8	EP		2310	3.37	0.01							1.0
AZOL	BZ	35	224	EP		2310	3.36	-0.03							1.0
SHBL	BZ	49	186	EP		2310	5.73	0.06							1.0
SHBL	BN	49	186	ES		2310	11.63	0.03							1.0
HWQ	SZ	56	14	EP		2310	6.84	-0.01							1.0

April 2 2012 Hour: 9:37 34.3 Lat: 33.85N Lon: 35.84E 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
TZHL	BZ	4	86	EP		937	35.01	-0.00							1.0
BHL	BZ	18	287	EP		937	37.18	-0.08	43						1.0
QRTL	BZ	26	2	EP		937	38.53	-0.03							1.0
QRTL	BN	26	2	ES		937	41.77	0.07							1.0
DQRL	SZ	30	237	EP		937	39.28	0.09							1.0
DQRL	SN	30	237	ES		937	42.79	0.01							1.0
QRWL	SZ	37	203	EP		937	40.41	0.09							1.0
QRWL	SN	37	203	ES		937	44.73	-0.03							1.0
RCY	SZ	40	181	EP		937	40.75	0.00							1.0
RCY	SN	40	181	ES		937	45.49	-0.01							1.0

AZOL BZ 43 221 EP 937 41.22-0.05 1.0
 HWQ SZ 48 12 EP 937 42.00-0.05 1.0

April 2 2012 Hour: 11:11 54.5 Lat: 33.76N Lon: 36.76E Depth: 20 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.0 secs

DAMASCUS REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TZHL	BZ	82	278	EP		1112	7.67	0.05							1.0
RCY	SZ	91	252	EP		1112	8.90	0.01	56						1.0
RCY	SN	91	252	ES		1112	19.57	0.00							1.0
HWQ	SZ	95	308	EP		1112	9.48	-0.04							1.0
SHBL	BZ	105	245	EP		1112	10.94	-0.03							1.0
SHBL	BN	105	245	ES		1112	23.16	-0.02							1.0
AZOL	BZ	116	260	EP		1112	12.54	0.03							1.0

April 2 2012 Hour: 11:34 16.5 Lat: 33.46N Lon: 35.67E Depth: 0 Agency: REL Local
Magnitudes: 2.4MC 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	9	5	EP		1134	17.98	-0.08							1.0
SHBL	BZ	14	153	EP		1134	18.80	-0.08							1.0
SHBL	BN	14	153	ES		1134	20.64	0.04							1.0
RCY	SZ	15	76	EP		1134	19.13	0.08	27						1.0
RCY	SN	15	76	ES		1134	20.89	-0.01							1.0
AZOL	BZ	17	311	EP		1134	19.30	0.05							1.0

April 2 2012 Hour: 14:13 52.4 Lat: 33.85N Lon: 36.08E Depth: 10 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.2 secs

CENTRAL BEKAA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TZHL	BZ	18	271	EP		1413	55.90	0.13							1.0
QRWL	BZ	34	321	EP		1413	57.73	-0.36							1.0
BHL	BZ	40	278	EP		1413	58.97	-0.04							1.0
BHL	BN	40	278	ES		1414	3.91	-0.01							1.0
RCY	SZ	46	210	EP		1413	59.73	-0.24	47						1.0
RCY	SN	46	210	ES		1414	5.65	0.06							1.0
HWQ	SZ	49	345	EP		1414	0.66	0.27							1.0
DQRL	SZ	50	251	EP		1414	0.65	0.03							1.0
AZOL	BZ	60	237	EP		1414	2.34	0.17							1.0

April 3 2012 Hour: 10:14 47.8 Lat: 33.36N Lon: 35.62E Depth: 15 Agency: REL Local
Magnitudes: 2.4MC REL Rms: 0.0 secs

MOUNT HERMON REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ	12	96	EP		1014	51.04	-0.00							1.0
SHBL	BN	12	96	ES		1014	53.47	-0.00							1.0
QRWL	SZ	22	16	EP		1014	52.10	0.02	27						1.0
QRWL	SN	22	16	ES		1014	55.28	-0.00							1.0
AZOL	BZ	24	342	EP		1014	52.32	0.00							1.0
DQRL	SZ	39	354	EP		1014	54.43	-0.01							1.0

April 4 2012 Hour: 0:33 1.0 Agency: REL Regional
EMSC OT=00:33:01.0 37.90N 29.48E 7Km M=4.3 WESTERN TURKEY

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EP		034	36.24								
BHL	BZ			EP		034	36.77								
DQRL	SZ			EP		034	36.44								
RCY	SZ			EP		034	41.71								
SHBL	BZ			EP		034	42.42								

April 4 2012 Hour: 10:29 27.7 Lat: 33.90N Lon: 35.83E Depth: 2 Agency: REL Local
 Magnitudes: 2.7MC REL Rms: 0.0 secs

KESROUANE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TZHL	BZ	6	131	EP		1029	28.85	-0.02							1.0
BHL	BZ	17	273	EP		1029	30.37	-0.05	41						1.0
BHL	BN	17	273	ES		1029	32.44	0.02							1.0
QRTL	BZ	22	4	EP		1029	31.33	0.08							1.0
DQRL	SZ	32	229	EP		1029	32.84	-0.09							1.0
DQRL	SN	32	229	ES		1029	36.81	0.02							1.0
HWQ	SZ	44	14	EP		1029	34.72	-0.04							1.0
RCY	SZ	44	180	EP		1029	34.87	-0.01							1.0
RCY	SE	44	180	ES		1029	40.21	0.02							1.0
AZOL	BZ	46	216	EP		1029	35.19	0.03							1.0
SHBL	BZ	61	188	EP		1029	37.65	0.03							1.0

April 4 2012 Hour: 11:5 17.8 Lat: 36.94N Lon: 37.10E Depth: 0 Agency: REL Regional
 Magnitudes: 4.5MC REL Rms: 0.1 secs

EMSC OT=11:05:16.0 36.95N 37.09E 20Km M=4.3 TURKEY-SYRIA REG

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	313	200	EP		11 6	2.73	-0.06							1.0
HWQ	SE	313	200	ES		11 6	35.99	-0.10							1.0
BHL	BZ	361	202	EP		11 6	8.78	0.02	309						1.0
DQRL	SZ	384	202	EP		11 6	11.69	0.04							1.0
DQRL	SN	384	202	ES		11 6	51.64	0.13							1.0
QRWL	SZ	397	199	EP		11 6	13.25	0.03							1.0
RCY	SZ	398	197	EP		11 6	13.39	-0.01							1.0
SHBL	BZ	417	198	EP		11 6	15.61	-0.00							1.0

April 4 2012 Hour: 15:22 24.7 Lat: 33.45N Lon: 35.63E Depth: 0 Agency: REL Local
 Magnitudes: 2.5MC 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	12	24	EP		1522	26.47	-0.06							1.0
QRWL	SN	12	24	ES		1522	27.95	0.04							1.0
AZOL	BZ	15	324	EP		1522	27.00	-0.08							1.0
SHBL	BZ	16	138	EP		1522	27.20	0.03							1.0
RCY	SZ	20	75	EP		1522	27.85	0.03	31						1.0
RCY	SN	20	75	ES		1522	30.10	-0.06							1.0
DQRL	SZ	29	348	EP		1522	29.37	0.08							1.0

April 5 2012 Hour: 3:32 31.8 Lat: 33.67N Lon: 35.50E Depth: 19 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
DQRL	SZ	8	57	EP		332	35.25	0.02	51						1.0
DQRL	SE	8	57	ES		332	37.84	0.04							1.0
AZOL	BZ	12	164	EP		332	35.55	0.03							1.0
QRWL	SZ	22	128	EP		332	36.45	0.01							1.0
BEYL	BZ	23	358	EP		332	36.43	-0.04							1.0
MATL	BZ	26	219	EP		332	36.83	0.01							1.0
BHL	BZ	30	28	EP		332	37.43	-0.03	51						1.0
BHL	BN	30	28	ES		332	41.62	-0.06							1.0
RCY	SZ	36	121	EP		332	38.31	-0.06							1.0
RCY	SN	36	121	ES		332	43.27	0.01							1.0
TZHL	BZ	41	59	EP		332	39.09	0.07							1.0
SHBL	BZ	42	147	EP		332	39.05	-0.09							1.0
QRTL	BZ	57	34	EP		332	41.29	0.06							1.0
HWQ	SZ	79	31	EP		332	44.45	-0.01							1.0
HWQ	SN	79	31	ES		332	53.89	0.03							1.0

April 5 2012 Hour: 9:43 40.9 Lat: 33.45N Lon: 35.62E Depth: 13 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	12	30	EP		943	43.87	-0.07							1.0
QRWL	SN	12	30	ES		943	46.22	0.00							1.0
AZOL	BZ	14	330	EP		943	44.17	0.04							1.0
SHBL	BZ	17	133	EP		943	44.42	-0.04							1.0
SHBL	BN	17	133	ES		943	47.14	0.02							1.0
RCY	SZ	21	76	EP		943	45.09	0.05	30						1.0

April 6 2012 Hour: 12:32 48.3 Lat: 33.35N Lon: 35.60E Depth: 13 Agency: REL Local
 Magnitudes: 2.6MC REL Rms: 0.0 secs

SAIDA REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ	14	92	EP		1232	51.58	-0.00							1.0
SHBL	BE	14	92	ES		1232	54.05	0.01							1.0
QRWL	SZ	23	20	EP		1232	52.60	-0.09							1.0
AZOL	BZ	24	347	EP		1232	52.81	0.02							1.0
RCY	SZ	27	54	EP		1232	53.32	-0.01	32						1.0
RCY	SN	27	54	ES		1232	57.09	0.02							1.0
DQRL	SZ	39	356	EP		1232	55.08	0.04							1.0

April 7 2012 Hour: 9:25 59.9 Lat: 33.44N Lon: 35.61E Depth: 11 Agency: REL Local
 Magnitudes: 2.5MC REL Rms: 0.1 secs

SAIDA REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZOL	BZ	15	335	EP		926	3.01	-0.04							1.0
SHBL	BZ	16	128	EP		926	3.25	0.05							1.0
SHBL	BN	16	128	ES		926	5.63	-0.01							1.0
RCY	SZ	22	73	EP		926	3.93	-0.09	29						1.0
RCY	SN	22	73	ES		926	7.09	0.03							1.0
DQRL	SZ	30	353	EP		926	5.18	0.05							1.0

April 7 2012 Hour: 10:52 5.4 Lat: 33.78N Lon: 35.78E Depth: 13 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
TZHL	BZ	13	47	EP		1052	8.42	-0.07							1.0
BHL	BZ	18	319	EP		1052	9.11	-0.02	38						1.0
BHL	BN	18	319	ES		1052	11.96	0.05							1.0
DQRL	SZ	22	247	EP		1052	9.51	-0.04							1.0
DQRL	SN	22	247	ES		1052	12.69	0.04							1.0
RCY	SZ	32	171	EP		1052	11.09	0.05							1.0
RCY	SN	32	171	ES		1052	15.28	0.04							1.0
AZOL	BZ	33	223	EP		1052	11.13	-0.09							1.0
QRTL	BZ	35	10	EP		1052	11.50	0.01							1.0
HWQ	SZ	57	15	EP		1052	14.85	0.04							1.0

April 7 2012 Hour: 10:54 18.9 Lat: 33.80N Lon: 35.77E 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
TZHL	BZ	13	59	EP		1054	21.70	0.02							1.0
BHL	BZ	16	319	EP		1054	22.03	0.01							1.0
DQRL	SZ	21	240	EP		1054	22.73	-0.02							1.0
DQRL	SN	21	240	ES		1054	25.54	-0.02							1.0
QRTL	BZ	33	13	EP		1054	24.61	-0.01							1.0
AZOL	BZ	34	219	EP		1054	24.73	0.07							1.0
RCY	SZ	34	169	EP		1054	24.69	-0.06	38						1.0
RCY	SE	34	169	ES		1054	29.07	0.02							1.0
HWQ	SZ	56	17	EP		1054	28.11	0.00							1.0

April 7 2012 Hour: 11:39 58.1 Lat: 33.81N Lon: 35.79E Depth: 17 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
TZHL	BZ	10	56	EP		1140	1.42	0.01							1.0
BHL	BZ	17	310	EP		1140	2.01	0.01	47						1.0
BHL	BN	17	310	ES		1140	4.94	0.01							1.0
DQRL	SZ	24	242	EP		1140	2.71	-0.08							1.0
DQRL	SN	24	242	ES		1140	6.27	-0.02							1.0
QRWL	SZ	31	200	EP		1140	3.58	-0.11							1.0
QRWL	SN	31	200	ES		1140	7.87	0.00							1.0
RCY	SZ	35	174	EP		1140	4.27	-0.03							1.0
RCY	SE	35	174	ES		1140	9.00	0.08							1.0
AZOL	BZ	36	221	EP		1140	4.48	0.03							1.0
HWQ	SZ	54	15	EP		1140	7.10	0.04							0.2
MATL	BZ	56	231	EP		1140	7.37	0.17							1.0

April 7 2012 Hour: 16: 5 5.7 Lat: 33.50N Lon: 35.64E 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	7	33	EP		16 5	6.78	-0.02							1.0
QRWL	SE	7	33	ES		16 5	7.61	-0.00							1.0
RCY	SZ	18	90	EP		16 5	8.63	0.02	26						1.0
SHBL	BZ	19	150	EP		16 5	8.75	-0.03							1.0
SHBL	BN	19	150	ES		16 5	11.06	0.01							1.0
DQRL	SZ	24	344	EP		16 5	9.62	0.02							1.0

April 8 2012 Hour: 8:51 30.7 Lat: 33.33N Lon: 35.61E Depth: 0 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	25	16	EP		851	34.64	-0.06							1.0
QRWL	SN	25	16	ES		851	37.68	-0.00							1.0
AZOL	BZ	26	345	EP		851	34.89	-0.04							1.0
RCY	SZ	28	49	EP		851	35.25	0.07	38						1.0
RCY	SN	28	49	ES		851	38.52	-0.01							1.0
DQRL	SZ	42	355	EP		851	37.45	0.06							1.0
DQRL	SE	42	355	ES		851	42.40	0.03							1.0
BHL	BZ	64	4	EP		851	40.95	0.01							1.0
TZHL	BZ	64	24	EP		851	40.91	-0.05							1.0

April 8 2012 Hour: 12:23 20.6 Lat: 34.49N Lon: 36.33E Depth: 16 Agency: REL Local
 Magnitudes: 3.1MC REL Rms: 0.1 secs

AKKAR

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ANQL	BZ	10	347	EP		1223	23.78	-0.00							1.0
BENL	BZ	15	294	EP		1223	24.28	0.05							1.0
FKH	BZ	28	165	EP		1223	25.88	-0.01							1.0
HWQ	SZ	42	237	EP		1223	27.83	-0.08							1.0
HWQ	SE	42	237	ES		1223	33.26	-0.02							1.0
BORL	BZ	58	191	EP		1223	30.14	-0.02							1.0
QRTL	BZ	62	225	EP		1223	30.69	-0.13							1.0
TZHL	BZ	81	211	EP		1223	33.59	0.03							1.0
BHL	BZ	90	224	EP		1223	34.91	0.06	68						1.0
BHL	BE	90	224	ES		1223	45.37	0.01							1.0
SAWL	BZ	98	204	EP		1223	36.09	0.01							1.0
DQRL	SZ	111	219	EP		1223	38.13	0.09							1.0
RCY	SZ	119	203	EP		1223	39.12	-0.05							1.0
RCY	SE	119	203	ES		1223	52.91	0.04							1.0
QRWL	SZ	120	210	EP		1223	39.32	0.01							1.0
AZOL	BZ	126	216	EP		1223	40.21	0.04							1.0
SHBL	BZ	137	203	EP		1223	41.87	-0.02							1.0

MATL BZ 144 220 EP 1223 42.85 0.06 0.2

April 8 2012 Hour: 17:45 51.6 Lat: 34.56N Lon: 36.35E Depth: 0 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.2 secs

HERMEL BAALBEK REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	49	230	EP		1745	59.51	0.13	54						1.0
HWQ	SE	49	230	ES		1746	5.08	-0.09							1.0
TZHL	BZ	89	209	EP		1746	5.32	-0.55							1.0
BHL	BZ	97	222	EP		1746	7.29	0.11							1.0
BHL	BE	97	222	ES		1746	18.78	0.03							1.0
DQRL	SZ	119	218	EP		1746	10.81	0.08							1.0
SHBL	BZ	145	203	EP		1746	15.08	0.18							1.0
SHBL	BE	145	203	ES		1746	32.28	0.11							1.0

April 8 2012 Hour: 23:1 36.6 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
TZHL	BZ	13	45	EP		23	1	38.78	-0.03						1.0
BHL	BZ	19	318	EP		23	1	39.67	-0.07	40					1.0
BHL	BE	19	318	ES		23	1	42.15	0.07						1.0
DQRL	SZ	22	248	EP		23	1	40.17	-0.05						1.0
SHBL	BZ	48	185	EP		23	1	44.43	0.06						1.0
HWQ	SZ	57	15	EP		23	1	45.89	0.02						1.0

April 9 2012 Hour: 7:22 31.9 Lat: 33.28N Lon: 35.35E Depth: 0 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.0 secs

SOUTH LEBANON

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZOL	BZ	36	29	EP		722	37.76	0.06							1.0
SHBL	BZ	37	78	EP		722	37.92	-0.00							1.0
SHBL	BN	37	78	ES		722	42.38	0.01							1.0
QRWL	SZ	43	46	EP		722	38.78	-0.04							1.0
QRWL	SN	43	46	ES		722	43.91	-0.02							1.0
RCY	SZ	51	61	EP		722	40.12	-0.03	47						1.0
RCY	SN	51	61	ES		722	46.26	0.02							1.0
DQRL	SZ	52	23	EP		722	40.19	-0.04							1.0
BHL	BZ	75	22	EP		722	43.98	-0.02							1.0
TZHL	BZ	81	37	EP		722	45.07	0.07							1.0
QRTL	BZ	101	27	EP		722	48.26	-0.00							1.0
HWQ	SZ	124	26	EP		722	51.90	0.01							1.0

April 9 2012 Hour: 10:31 39.4 Lat: 33.79N Lon: 35.78E Depth: 10 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.0 secs

BEIRUT REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TZHL	BZ	12	55	EP		1031	42.10	-0.06							1.0
BHL	BZ	17	317	EP		1031	42.77	0.07							1.0
DQRL	SZ	22	243	EP		1031	43.41	0.04	64						1.0
DQRL	SN	22	243	ES		1031	46.31	0.01							1.0
BEYL	BZ	28	288	EP		1031	44.20	-0.00							1.0
VERD	SZ	29	289	EP		1031	44.37	-0.06							1.0
RCY	SZ	34	171	EP		1031	45.19	0.03							1.0
RCY	SN	34	171	ES		1031	49.43	0.02							1.0
AZOL	BZ	34	221	EP		1031	45.14	-0.08							1.0
HWQ	SZ	56	16	EP		1031	48.66	0.03							1.0

April 9 2012 Hour: 14:4 12.2 Lat: 33.80N Lon: 35.78E Depth: 12 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
TZHL	BZ	12	54	EP		14	4	15.18	0.01						1.0
BHL	BZ	17	315	EP		14	4	15.73	-0.04	43					1.0
DQRL	SZ	22	243	EP		14	4	16.43	-0.03						1.0
DQRL	SN	22	243	ES		14	4	19.58	0.01						1.0
QRTL	BZ	33	11	EP		14	4	18.15	0.08						1.0
RCY	SZ	34	172	EP		14	4	18.10	-0.03						1.0
RCY	SE	34	172	ES		14	4	22.47	-0.01						1.0
AZOL	BZ	35	221	EP		14	4	18.30	0.06						1.0
HWQ	SZ	56	16	EP		14	4	21.42	-0.06						1.0

April 9 2012 Hour: 15:38 52.5 Lat: 33.79N Lon: 35.77E Depth: 10 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
TZHL	BZ	13	55	EP		1538		55.25	-0.04						1.0
BHL	BZ	17	320	EP		1538		55.72	0.01	37					1.0
DQRL	SZ	21	243	EP		1538		56.29	0.01						1.0
DQRL	SN	21	243	ES		1538		59.10	0.01						1.0
RCY	SZ	33	169	EP		1538		58.18	0.03						1.0
RCY	SE	33	169	ES		1539		2.36	0.01						1.0
AZOL	BZ	33	220	EP		1538		58.07	-0.06						1.0
QRTL	BZ	34	13	EP		1538		58.38	0.08						1.0
HWQ	SZ	57	17	EP		1539		1.74	-0.04						1.0

April 9 2012 Hour: 23:12 50.1 Lat: 33.57N Lon: 35.58E Depth: 6 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.1 secs

SAIDA REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZOL	BZ	4	265	EP		2312		51.48	-0.02						1.0
QRWL	SZ	9	102	EP		2312		52.07	0.05						1.0
DQRL	SZ	16	355	EP		2312		52.98	0.08	38					1.0
DQRL	SE	16	355	ES		2312		54.93	-0.04						1.0
RCY	SZ	25	108	EP		2312		54.24	-0.02						1.0
RCY	SN	25	108	ES		2312		57.26	-0.08						1.0
MATL	BZ	25	250	EP		2312		54.31	0.01						1.0
SHBL	BZ	28	148	EP		2312		54.88	0.04						1.0
SHBL	BN	28	148	ES		2312		58.41	0.06						1.0
BHL	BZ	38	10	EP		2312		56.34	-0.03						1.0
TZHL	BZ	43	41	EP		2312		57.14	0.03						1.0

April 10 2012 Hour: 7:2 39.7 Lat: 34.04N Lon: 35.75E 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
QRTL	BZ	10	60	EP		7	2	41.38	-0.04						1.0
BHL	BZ	18	210	EP		7	2	42.56	-0.10	38					1.0
BHL	BN	18	210	ES		7	2	44.84	0.02						1.0
TZHL	BZ	24	149	EP		7	2	43.52	-0.11						1.0
HWQ	BZ	31	35	EP		7	2	44.81	0.00						1.0
HWQ	BN	31	35	ES		7	2	48.62	0.06						1.0
DQRL	SZ	41	204	EP		7	2	46.45	0.06						1.0
RCY	SZ	61	173	EP		7	2	49.65	0.02						1.0
RCY	SN	61	173	ES		7	2	57.04	0.08						1.0

April 10 2012 Hour: 10:3 45.3 Lat: 33.87N Lon: 35.85E Depth: 0 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
TZHL	BZ	4	111	EP		10	3	45.86-0.05							1.0
BHL	BZ	18	282	EP		10	3	48.24-0.04	38						1.0
BHL	BN	18	282	ES		10	3	50.50 0.02							1.0
QRTL	BZ	25	0	EP		10	3	49.36 0.08							1.0
DQRL	SZ	32	235	EP		10	3	50.38-0.02							1.0
RCY	SZ	41	182	EP		10	3	51.97-0.01							1.0
RCY	SN	41	182	ES		10	3	56.97 0.05							1.0
AZOL	BZ	45	220	EP		10	3	52.52 0.01							1.0
HWQ	BZ	46	11	EP		10	3	52.70-0.06							1.0
HWQ	BN	46	11	ES		10	3	58.30 0.03							1.0

April 11 2012 Hour: 8:38 35.7 Agency: REL Distant

EMSC OT=08:38:35.0 2.37N 93.17E 10Km M=8.4 NORTHERN SUMATRA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		848		57.79							
BHL	BZ			EP		848		58.81							
AZOL	BZ			EP		848		58.77							

April 11 2012 Hour: 10:43 9.0 Agency: REL Distant

EMSC OT=10:43:09.0 0.81N 92.45E 10Km M=8.0 NORTHERN SUMATRA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ			EP		1053		32.96							
HWQ	BZ			EP		1053		34.29							
BHL	BZ			EP		1053		35.09							

April 11 2012 Hour: 13:1 52.4 Lat: 33.87N Lon: 35.85E 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
TZHL	BZ	4	116	EP		13	1	53.01-0.09							1.0
BHL	BZ	18	281	EP		13	1	55.28-0.04	41						1.0
BHL	BN	18	281	ES		13	1	57.49 0.02							1.0
QRTL	BZ	24	1	EP		13	1	56.36 0.05							1.0
DQRL	SZ	32	234	EP		13	1	57.55 0.04							1.0
DQRL	SN	32	234	ES		13	2	1.22-0.06							1.0
RCY	SZ	42	181	EP		13	1	59.18 0.01	43						1.0
RCY	SN	42	181	ES		13	2	4.25 0.08							1.0
AZOL	BZ	45	220	EP		13	1	59.63-0.02							1.0
HWQ	BZ	46	12	EP		13	1	59.81 0.01							1.0

April 11 2012 Hour: 13:7 21.9 Lat: 33.87N Lon: 35.85E Depth: 0 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
TZHL	BZ	4	114	EP		13	7	22.51-0.00							1.0
BHL	BZ	18	281	EP		13	7	24.78-0.01							1.0
QRTL	BZ	24	1	EP		13	7	25.85 0.06							1.0
DQRL	SZ	32	234	EP		13	7	26.98 0.03							1.0
DQRL	SN	32	234	ES		13	7	30.70-0.02							1.0
RCY	SZ	42	181	EP		13	7	28.63 0.05	41						1.0
RCY	SN	42	181	ES		13	7	33.53-0.03							1.0
HWQ	BZ	46	12	EP		13	7	29.21-0.07							1.0

April 12 2012 Hour: 13:41 33.9 Lat: 33.35N Lon: 35.59E Depth: 13 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
SHBL	BZ	14	89	EP		1341	37.25	0.02							1.0
SHBL	BN	14	89	ES		1341	39.72	0.00							1.0
AZOL	BZ	24	348	EP		1341	38.44	-0.03							1.0
RCY	SZ	28	54	EP		1341	38.98	-0.05	24						1.0
RCY	SN	28	54	ES		1341	42.85	0.01							1.0
DQRL	SZ	40	357	EP		1341	40.78	0.05							1.0

April 12 2012 Hour: 14:50 51.0 Agency: REL Distant
 EMSC OT=14:50:51.0 37.55N 141.49E 14Km M=5.5 COAST OF HONSHU

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		15 3	3.42								
BHL	BZ			EP		15 3	5.81								
SHBL	BZ			EP		15 3	7.42								

April 12 2012 Hour: 23:26 58.5 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DQRL	SZ			EP		2330	8.23								
BHL	BZ			EP		2330	8.19								
QRWL	SZ			EP		2330	9.19								
SHBL	BZ			EP		2330	10.69								
RCY	SZ			EP		2330	11.44								
HWQ	BZ			EP		2330	12.86								

April 13 2012 Hour: 13: 2 53.4 Lat: 33.80N Lon: 35.77E 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
TZHL	BZ	12	59	EP		13 2	56.16	-0.01							1.0
BHL	BZ	16	316	EP		13 2	56.62	0.03							1.0
BHL	BN	16	316	ES		13 2	58.94	-0.01							1.0
DQRL	SZ	22	240	EP		13 2	57.34	-0.02							1.0
DQRL	SN	22	240	ES		13 3	0.30	0.01							1.0
QRTL	BZ	33	13	EP		13 2	59.03	-0.04							1.0
QRTL	BN	33	13	ES		13 3	3.30	0.04							1.0
RCY	SZ	34	170	EP		13 2	59.34	0.06	36						1.0
RCY	SN	34	170	ES		13 3	3.61	-0.02							1.0
HWQ	BZ	55	17	EP		13 3	2.51	-0.02							1.0

April 13 2012 Hour: 16:53 58.7 Lat: 34.03N Lon: 35.99E Depth: 2 Agency: REL Local
 Magnitudes: 2.8MC REL Rms: 0.0 secs

KESROUANE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QRTL	BZ	15	298	EP		1654	1.25	0.04							1.0
QRTL	BN	15	298	ES		1654	3.04	-0.00							1.0
TZHL	BZ	22	208	EP		1654	2.20	-0.05							1.0
HWQ	BZ	28	351	EP		1654	3.27	-0.01							1.0
BHL	BZ	34	246	EP		1654	4.31	0.01	44						1.0
DQRL	SZ	53	228	EP		1654	7.33	-0.00							1.0
RCY	SZ	61	194	EP		1654	8.61	0.03							1.0
RCY	SN	61	194	ES		1654	15.85	-0.01							1.0
AZOL	BZ	67	219	EP		1654	9.49	-0.05							1.0
SHBL	BZ	79	197	EP		1654	11.52	0.02							1.0
SHBL	BN	79	197	ES		1654	20.97	0.03							1.0

April 14 2012 Hour: 15:13 11.0 Agency: REL Distant

EMSC OT=15:13:11.0 49.45N 155.68E 60Km M=5.5 KURIL ISLANDS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		1525	19.47								
TZHL	BZ			EP		1525	22.08								
BHL	BZ			EP		1525	21.89								
DQRL	SZ			EP		1525	23.17								
RCY	SZ			EP		1525	23.30								
AZOL	BZ			EP		1525	23.75								
SHBL	BZ			EP		1525	24.19								

April 14 2012 Hour: 15:56 8.6 Lat: 33.79N Lon: 35.77E Depth: 10 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
TZHL	BZ	13	53	EP		1556	11.39	0.02							1.0
BHL	BZ	17	321	EP		1556	11.80	-0.03	31						1.0
BHL	BN	17	321	ES		1556	14.27	0.03							1.0
DQRL	SZ	21	244	EP		1556	12.37	0.04							1.0
RCY	SZ	33	169	EP		1556	14.28	0.12							1.0
RCY	SN	33	169	ES		1556	18.23	-0.07							1.0
AZOL	BZ	33	221	EP		1556	14.09	-0.07							1.0
QRTL	BZ	35	12	EP		1556	14.34	-0.10							1.0
QRTL	BN	35	12	ES		1556	18.77	-0.02							1.0
HWQ	BZ	57	17	EP		1556	17.99	0.07							1.0

April 14 2012 Hour: 17:21 50.6 Lat: 33.87N Lon: 36.14E Depth: 11 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.0 secs

CENTRAL BEKAA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TZHL	BZ	24	268	EP		1721	54.91	0.01							1.0
QRTL	BZ	37	313	EP		1721	56.82	-0.02							1.0
QRTL	BN	37	313	ES		1722	1.47	-0.00							1.0
BHL	BZ	45	276	EP		1721	58.09	-0.06	53						1.0
BHL	BN	45	276	ES		1722	3.73	-0.00							1.0
HWQ	BZ	49	339	EP		1721	58.79	0.02							1.0
RCY	SZ	50	215	EP		1721	58.86	-0.02							1.0
RCY	SN	50	215	ES		1722	5.03	0.03							1.0
QRWL	SZ	55	230	EP		1721	59.72	0.01							1.0
QRWL	SN	55	230	ES		1722	6.50	0.04							1.0
DQRL	SZ	56	252	EP		1721	59.87	0.08							1.0
DQRL	SN	56	252	ES		1722	6.59	-0.01							1.0
AZOL	BZ	65	239	EP		1722	1.29	-0.01							1.0
SHBL	BZ	68	213	EP		1722	1.78	0.00							1.0
SHBL	BN	68	213	ES		1722	10.00	-0.06							1.0

April 14 2012 Hour: 19:26 44.0 Agency: REL Distant

EMSC OT=19:26:44.0 6.85S 105.42E 60Km M=5.8 INDONESIA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TZHL	BZ			EP		1938	31.89								
SHBL	BZ			EP		1938	31.67								
HWQ	BZ			EP		1938	31.89								
BHL	BZ			EP		1938	32.68								
DQRL	SZ			EP		1938	33.24								

April 15 2012 Hour: 5:57 38.0 Agency: REL Distant

EMSC OT=05:57:38.0 2.62N 90.29E 10Km M=6.2 N SUMATRA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EP		6 7	42.05								
SHBL	BZ			EP		6 7	42.16								
TZHL	BZ			EP		6 7	42.79								
HWQ	BZ			EP		6 7	43.22								
AZOL	BZ			EP		6 7	43.59								

BHL BZ EP 6 7 43.85
 MATL BZ EP 6 7 44.44

April 15 2012 Hour: 14:30 7.9 Lat: 34.03N Lon: 35.76E Depth: 0 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.0 secs

KESROUANE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QRTL	BZ	11	50	EP		1430	9.64	-0.03							1.0
QRTL	BN	11	50	ES		1430	10.95	0.01							1.0
BHL	BZ	17	215	EP		1430	10.63	-0.08	40						1.0
BHL	BN	17	215	ES		1430	12.77	0.01							1.0
TZHL	BZ	22	149	EP		1430	11.55	0.01							1.0
HWQ	BZ	32	32	EP		1430	13.19	0.03							1.0
HWQ	BN	32	32	ES		1430	17.01	-0.01							1.0
DQRL	SZ	40	206	EP		1430	14.47	0.06							1.0
DQRL	SN	40	206	ES		1430	19.20	-0.00							1.0
AZOL	BZ	56	202	EP		1430	17.02	0.05							1.0
RCY	SZ	60	173	EP		1430	17.52	-0.04							1.0

April 15 2012 Hour: 15:43 36.3 Lat: 33.78N Lon: 35.77E Depth: 0 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.1 secs

BEIRUT REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TZHL	BZ	14	51	EP		1543	38.50	0.06							1.0
BHL	BZ	18	322	EP		1543	39.06	-0.02	59						1.0
BHL	BE	18	322	ES		1543	41.05	-0.12							1.0
DQRL	SZ	21	246	EP		1543	39.58	0.02							1.0
DQRL	SN	21	246	ES		1543	42.10	0.10							1.0
QRWL	SZ	27	198	EP		1543	40.56	-0.07							1.0
QRWL	SN	27	198	ES		1543	43.83	-0.05							1.0
BEYL	BZ	28	291	EP		1543	40.76	0.04							1.0
RCY	SZ	32	169	EP		1543	41.43	-0.00							1.0
AZOL	BZ	33	222	EP		1543	41.43	-0.08							1.0
QRTL	BZ	35	12	EP		1543	41.95	0.01							1.0
MATL	BZ	52	232	EP		1543	44.77	0.09							1.0
HWQ	SZ	58	16	EP		1543	45.56	0.04							1.0

April 16 2012 Hour: 14:46 16.5 Lat: 33.79N Lon: 35.77E Depth: 6 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
TZHL	BZ	13	56	EP		1446	18.89	0.02							1.0
BHL	BZ	16	319	EP		1446	19.34	-0.02	26						1.0
BHL	BN	16	319	ES		1446	21.45	-0.05							1.0
DQRL	SZ	21	242	EP		1446	20.09	0.02							1.0
DQRL	SN	21	242	ES		1446	22.80	0.06							1.0
RCY	SZ	34	170	EP		1446	21.99	-0.05							1.0
RCY	SN	34	170	ES		1446	26.17	0.00							1.0
QRTL	BZ	34	13	EP		1446	22.11	0.06							1.0
AZOL	BZ	34	220	EP		1446	22.00	-0.03							1.0

April 17 2012 Hour: 6:53 21.1 Lat: 33.54N Lon: 35.71E Depth: 0 Agency: REL Local
Magnitudes: 2.1MC 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	280	EP		653	21.56	-0.04	18						1.0
RCY	SZ	13	114	EP		653	23.11	-0.03							1.0
RCY	SE	13	114	ES		653	24.63	-0.01							1.0
AZOL	BZ	16	277	EP		653	23.76	-0.01							1.0
SHBL	BZ	22	172	EP		653	24.67	0.04							1.0
SHBL	BN	22	172	ES		653	27.24	-0.00							1.0
DQRL	SZ	22	324	EP		653	24.77	0.05							1.0

April 17 2012 Hour: 10:36 14.1 Lat: 33.87N Lon: 35.84E Depth: 0 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
TZHL	BZ	4	115	EP		1036	14.74	-0.08							1.0
BHL	BZ	18	281	EP		1036	16.99	-0.01	52						1.0
BHL	BN	18	281	ES		1036	19.10	-0.04							1.0
QRTL	BZ	24	1	EP		1036	18.08	0.06							1.0
QRTL	BN	24	1	ES		1036	20.87	-0.03							1.0
DQRL	SZ	32	234	EP		1036	19.19	-0.01							1.0
RCY	SZ	42	181	EP		1036	20.91	0.04							1.0
RCY	SN	42	181	ES		1036	25.86	-0.01							1.0
AZOL	BZ	45	219	EP		1036	21.39	0.05							1.0
HWQ	BZ	46	12	EP		1036	21.56	0.05							1.0
HWQ	BN	46	12	ES		1036	26.96	-0.02							1.0

April 17 2012 Hour: 14: 8 59.3 Lat: 33.40N Lon: 35.63E Depth: 3 Agency: REL Local
Magnitudes: 2.1MC 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	117	EP		14 9	1.39	-0.00	16						1.0
SHBL	BN	12	117	ES		14 9	2.93	0.00							1.0
AZOL	BZ	20	335	EP		14 9	2.58	-0.03							1.0
AZOL	BN	20	335	ES		14 9	5.05	0.01							1.0
RCY	SZ	22	60	EP		14 9	2.96	0.00							1.0
RCY	SN	22	60	ES		14 9	5.65	-0.01							1.0
DQRL	SZ	35	351	EP		14 9	4.95	0.02							1.0

April 17 2012 Hour: 22: 4 40.6 Lat: 33.78N Lon: 35.79E Depth: 5 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
TZHL	BZ	12	47	EP		22 4	42.87	0.06							1.0
BHL	BZ	18	316	EP		22 4	43.73	-0.01	47						1.0
BHL	BN	18	316	ES		22 4	45.99	-0.08							1.0
DQRL	SZ	22	247	EP		22 4	44.33	-0.01							1.0
DQRL	SN	22	247	ES		22 4	47.18	0.06							1.0
RCY	SZ	32	173	EP		22 4	45.91	-0.01							1.0
RCY	SN	32	173	ES		22 4	49.82	-0.04							1.0
AZOL	BZ	34	224	EP		22 4	46.26	0.06							1.0
QRTL	BZ	35	9	EP		22 4	46.27	0.01							1.0
QRTL	BN	35	9	ES		22 4	50.47	0.02							1.0
SHBL	BZ	49	185	EP		22 4	48.52	-0.00							1.0
SHBL	BN	49	185	ES		22 4	54.35	-0.03							1.0
HWQ	BZ	57	15	EP		22 4	49.76	-0.03							1.0

April 18 2012 Hour: 16:34 3.5 Lat: 33.60N Lon: 35.96E Depth: 9 Agency: REL Local
Magnitudes: 2.5MC REL Rms: 0.0 secs

CENTRAL BEKAA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ	17	224	EP		1634	6.63	-0.05	30						1.0
RCY	SN	17	224	ES		1634	9.06	0.02							1.0
TZHL	BZ	29	347	EP		1634	8.52	0.06							1.0
TZHL	BN	29	347	ES		1634	12.14	-0.01							1.0
DQRL	SZ	38	287	EP		1634	9.81	0.01							1.0
AZOL	BZ	39	263	EP		1634	10.09	0.05							1.0
BHL	BZ	44	320	EP		1634	10.63	-0.09							1.0
HWQ	BZ	75	359	EP		1634	15.67	0.01							1.0

April 18 2012 Hour: 17:40 38.0

Agency: REL Distant

EMSC OT=17:40:38.0 27.88N 58.12E 60Km M=5.2 IRAN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1745	9.11								
HWQ	BZ			EP		1745	8.50								

April 19 2012 Hour: 11:10 35.5

Lat: 33.78N Lon: 35.76E Depth: 6 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
TZHL	BZ	15	56	EP		1110	38.21	0.03							1.0
BHL	BZ	16	325	EP		1110	38.39	-0.01	51						1.0
BHL	BE	16	325	ES		1110	40.57	0.02							1.0
DQRL	SZ	19	243	EP		1110	38.86	0.01							1.0
DQRL	SE	19	243	ES		1110	41.32	-0.01							1.0
AZOL	BZ	32	219	EP		1110	40.80	0.00							1.0
RCY	SZ	33	167	EP		1110	40.97	0.00							1.0
RCY	SN	33	167	ES		1110	45.00	-0.01							1.0
QRTL	BZ	35	14	EP		1110	41.30	-0.01							1.0
QRTL	BN	35	14	ES		1110	45.56	-0.05							1.0
HWQ	BZ	58	18	EP		1110	44.89	0.03							1.0

April 19 2012 Hour: 11:19 41.5

Lat: 33.79N Lon: 35.78E Depth: 5 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
TZHL	BZ	13	51	EP		1119	43.86	0.03							1.0
BHL	BZ	17	318	EP		1119	44.50	-0.04	44						1.0
BHL	BN	17	318	ES		1119	46.81	0.03							1.0
DQRL	SZ	21	245	EP		1119	45.12	-0.03							1.0
DQRL	SN	21	245	ES		1119	47.84	0.00							1.0
RCY	SZ	33	171	EP		1119	46.88	-0.03	45						1.0
RCY	SN	33	171	ES		1119	50.89	-0.01							1.0
AZOL	BZ	34	222	EP		1119	47.08	0.04							1.0
QRTL	BZ	34	11	EP		1119	47.17	-0.00							1.0
QRTL	BN	34	11	ES		1119	51.31	-0.05							1.0
HWQ	BZ	57	16	EP		1119	50.76	0.05							1.0

April 20 2012 Hour: 15:34 32.1

Lat: 33.78N Lon: 35.76E 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
TZHL	BZ	14	56	EP		1534	34.52	-0.04							1.0
TZHL	BN	14	56	ES		1534	36.40	0.04							1.0
BHL	BZ	16	324	EP		1534	34.84	0.00	36						1.0
BHL	BN	16	324	ES		1534	36.85	0.01							1.0
DQRL	SZ	19	243	EP		1534	35.38	0.05							1.0
DQRL	SN	19	243	ES		1534	37.68	-0.02							1.0
AZOL	BZ	32	219	EP		1534	37.32	-0.02							1.0
RCY	SZ	33	167	EP		1534	37.49	0.00							1.0
RCY	SN	33	167	ES		1534	41.44	-0.01							1.0
QRTL	BZ	35	14	EP		1534	37.84	0.01							1.0
QRTL	BN	35	14	ES		1534	41.95	-0.10							1.0
HWQ	BZ	57	18	EP		1534	41.49	0.07							1.0

April 20 2012 Hour: 23:10 27.8

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
TZHL	BZ	12	52	EP		2310	29.88	-0.04							1.0
TZHL	BN	12	52	ES		2310	31.54	0.02							1.0
BHL	BZ	17	317	EP		2310	30.68	0.00	37						1.0
BHL	BN	17	317	ES		2310	32.83	-0.01							1.0

DQRL	SZ	22	244	EP		2310	31.42	0.03								1.0
QRWL	SZ	29	199	EP		2310	32.47	0.02								1.0
QRWL	SN	29	199	ES		2310	35.93	0.01								1.0
QRTL	BZ	34	11	EP		2310	33.33	0.02								1.0
AZOL	BZ	34	222	EP		2310	33.28	-0.05								1.0

April 20 2012 Hour: 23:14 33.0 Agency: REL Distant

EMSC OT=23:14:33.0 2.22N 93.39E 40Km M=5.8 N SUMATRA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EP		2324	52.18								
SHBL	BZ			EP		2324	51.96								
HWQ	BZ			EP		2324	52.42								
QRWL	SZ			EP		2324	53.05								
BHL	BZ			EP		2324	53.51								

April 21 2012 Hour: 11:7 39.6 Lat: 33.79N Lon: 35.77E Depth: 12 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
TZHL	BZ	13	57	EP		11 7	42.57	-0.03							1.0
BHL	BZ	16	320	EP		11 7	42.93	-0.00	39						1.0
BHL	BN	16	320	ES		11 7	45.35	-0.07							1.0
DQRL	SZ	21	242	EP		11 7	43.46	-0.05							1.0
DQRL	SN	21	242	ES		11 7	46.50	0.07							1.0
AZOL	BZ	33	220	EP		11 7	45.36	0.03							1.0
RCY	SZ	34	169	EP		11 7	45.40	-0.01							1.0
QRTL	BZ	34	13	EP		11 7	45.45	-0.02							1.0
QRTL	BN	34	13	ES		11 7	49.94	0.11							1.0
HWQ	SZ	56	17	EP		11 7	48.88	-0.03							1.0

April 21 2012 Hour: 11:47 16.6 Lat: 33.45N Lon: 35.63E Depth: 6 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	12	26	EP		1147	18.79	0.00							1.0
QRWL	SN	12	26	ES		1147	20.46	0.03							1.0
AZOL	BZ	15	325	EP		1147	19.23	0.02							1.0
AZOL	BN	15	325	ES		1147	21.15	-0.03							1.0
SHBL	BZ	16	137	EP		1147	19.42	-0.01							1.0
SHBL	BN	16	137	ES		1147	21.56	0.01							1.0
RCY	SZ	20	76	EP		1147	20.03	0.01	31						1.0
RCY	SN	20	76	ES		1147	22.54	-0.03							1.0

April 21 2012 Hour: 23:1 37.5 Lat: 33.79N Lon: 35.80E Depth: 5 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
TZHL	BZ	11	47	EP		23 1	39.56	-0.01							1.0
BHL	BZ	18	314	EP		23 1	40.61	0.01	50						1.0
BHL	BE	18	314	ES		23 1	42.90	-0.03							1.0
DQRL	SZ	23	246	EP		23 1	41.37	0.06							1.0
DQRL	SN	23	246	ES		23 1	44.18	0.01							1.0
QRWL	SZ	29	202	EP		23 1	42.18	-0.05							1.0
RCY	SZ	33	174	EP		23 1	42.87	0.01							1.0
RCY	SN	33	174	ES		23 1	46.88	0.02							1.0
AZOL	BZ	35	224	EP		23 1	43.15	-0.03							1.0
SHBL	BZ	49	186	EP		23 1	45.46	-0.02							1.0
SHBL	BN	49	186	ES		23 1	51.42	0.01							1.0
HWQ	SZ	56	14	EP		23 1	46.57	0.03							1.0

April 22 2012 Hour: 0: 6 36.4 Lat: 35.61N Lon: 35.06E Depth: 19 Agency: REL Regional
 Magnitudes: 3.2MC REL Rms: 0.2 secs

COAST OF SYRIA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ	168	151	EP		0 7	1.60	0.03	71						1.0
QRTL	BZ	183	156	EP		0 7	3.21	-0.18							1.0
BHL	BZ	197	164	EP		0 7	5.21	0.14							1.0
DQRL	SZ	216	167	EP		0 7	7.57	0.09							1.0
AZOL	BZ	231	169	EP		0 7	9.31	-0.02							1.0
SHBL	BZ	259	166	EP		0 7	12.74	-0.04							1.0

April 22 2012 Hour: 4:20 54.4 Lat: 33.83N Lon: 35.24E Depth: 0 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
BEYL	BZ	24	80	EP		420	58.21	-0.06							1.0
DQRL	SZ	34	115	EP		420	59.80	-0.08							1.0
DQRL	SN	34	115	ES		421	3.94	-0.00							1.0
MATL	BZ	39	167	EP		421	0.73	0.01							1.0
BHL	BZ	39	79	EP		421	0.72	-0.02	53						1.0
BHL	BN	39	79	ES		421	5.48	0.03							1.0
AZOL	BZ	41	137	EP		421	0.95	-0.07							1.0
QRWL	SZ	52	127	EP		421	2.88	0.09							1.0
QRWL	SN	52	127	ES		421	9.06	0.04							1.0
RCY	SZ	67	124	EP		421	5.22	0.03							1.0
RCY	SN	67	124	ES		421	13.16	-0.04							1.0
SHBL	BZ	72	139	EP		421	5.99	0.06							1.0
HWQ	SZ	82	53	EP		421	7.65	0.04							1.0

April 22 2012 Hour: 11: 1 57.7 Lat: 33.78N Lon: 36.80E Depth: 26 Agency: REL Local
 Magnitudes: 3.1MC REL Rms: 0.0 secs

DAMASCUS REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TZHL	BZ	85	276	EP		11 2	11.38	-0.02							1.0
QRTL	BZ	95	292	EP		11 2	12.66	-0.08							1.0
RCY	SZ	95	251	EP		11 2	12.79	-0.00							1.0
RCY	SN	95	251	ES		11 2	23.94	-0.05							1.0
HWQ	BZ	97	305	EP		11 2	13.09	0.07	65						1.0
HWQ	BN	97	305	ES		11 2	24.40	0.01							1.0
SHBL	BZ	109	244	EP		11 2	14.87	0.01							1.0
SHBL	BN	109	244	ES		11 2	27.65	0.06							1.0
DQRL	SZ	114	266	EP		11 2	15.56	-0.02							1.0
AZOL	BZ	120	259	EP		11 2	16.24	0.02							1.0

April 22 2012 Hour: 11:32 44.1 Lat: 33.79N Lon: 35.78E Depth: 6 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
TZHL	BZ	12	55	EP		1132	46.50	0.07							1.0
BHL	BZ	17	317	EP		1132	46.98	-0.05	39						1.0
BHL	BN	17	317	ES		1132	49.14	-0.08							1.0
DQRL	SZ	22	243	EP		1132	47.77	0.01							1.0
DQRL	SN	22	243	ES		1132	50.58	0.09							1.0
RCY	SZ	34	171	EP		1132	49.59	-0.05							1.0
RCY	SN	34	171	ES		1132	53.71	-0.05							1.0
QRTL	BZ	34	12	EP		1132	49.74	0.09							1.0
AZOL	BZ	34	221	EP		1132	49.71	0.01							1.0
HWQ	BZ	56	16	EP		1132	53.14	-0.04							1.0

April 22 2012 Hour: 21:51 15.5 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
TZHL	BZ	11	48	EP		2151	18.02	-0.04							1.0
BHL	BZ	18	315	EP		2151	18.93	0.01	39						1.0
BHL	BN	18	315	ES		2151	21.45	0.00							1.0
DQRL	SZ	23	246	EP		2151	19.57	0.01							1.0
DQRL	SN	23	246	ES		2151	22.54	-0.02							1.0
QRWL	SZ	29	201	EP		2151	20.41	-0.04							1.0
QRWL	SN	29	201	ES		2151	24.17	0.07							1.0
QRTL	BZ	34	9	EP		2151	21.38	0.12							1.0
QRTL	BN	34	9	ES		2151	25.50	-0.02							1.0
AZOL	BZ	35	223	EP		2151	21.31	-0.04							1.0
SHBL	BZ	49	185	EP		2151	23.61	-0.02							1.0
SHBL	BN	49	185	ES		2151	29.65	0.01							1.0
HWQ	BZ	56	15	EP		2151	24.68	-0.04							1.0

April 23 2012 Hour: 0: 7 6.0 Agency: REL Regional
 EMSC OT=00:07:06.0 36.22N 36.10E 10Km M=3.3 TURKEY-SYRIA REG

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		0 7	39.73								
BHL	BZ			EP		0 7	45.03								
TZHL	BZ			EP		0 7	46.06								
DQRL	SZ			EP		0 7	47.77								
AZOL	BZ			EP		0 7	50.28								
QRWL	SZ			EP		0 7	49.99								
SHBL	BZ			EP		0 7	53.17								

April 23 2012 Hour: 7: 8 1.5 Lat: 33.87N Lon: 35.85E 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
TZHL	BZ	4	105	EP		7 8	2.09	-0.05							1.0
BHL	BZ	18	283	EP		7 8	4.38	-0.09	56						1.0
QRTL	BZ	25	1	EP		7 8	5.37	-0.18							1.0
QRTL	BN	25	1	ES		7 8	8.62	0.09							1.0
DQRL	SZ	31	235	EP		7 8	6.49	-0.06							1.0
DQRL	SN	31	235	ES		7 8	10.36	0.08							1.0
QRWL	SZ	39	203	EP		7 8	7.77	0.04							1.0
RCY	SZ	41	181	EP		7 8	8.17	0.02							1.0
RCY	SN	41	181	ES		7 8	13.04	-0.01							1.0
AZOL	BZ	44	220	EP		7 8	8.79	0.12							0.2
HWQ	SZ	47	11	EP		7 8	9.01	-0.02							1.0
HWQ	SN	47	11	ES		7 8	14.68	0.10							1.0
SHBL	BZ	58	189	EP		7 8	11.01	0.09							1.0
SHBL	BN	58	189	ES		7 8	17.85	-0.03							1.0

April 23 2012 Hour: 16: 9 16.9 Lat: 33.62N Lon: 35.95E Depth: 0 Agency: REL Local
 Magnitudes: 2.7MC REL Rms: 0.0 secs

CENTRAL BEKAA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ	17	219	EP		16 9	19.61	-0.04	38						1.0
RCY	SN	17	219	ES		16 9	21.67	-0.01							1.0
TZHL	BZ	28	347	EP		16 9	21.39	0.05							1.0
SHBL	BZ	35	213	EP		16 9	22.61	0.01							1.0
SHBL	BN	35	213	ES		16 9	26.84	0.02							1.0
DQRL	SZ	37	286	EP		16 9	22.86	0.06							1.0
DQRL	SN	37	286	ES		16 9	27.17	0.00							1.0
AZOL	BZ	39	261	EP		16 9	23.14	-0.01							1.0
BHL	BZ	42	320	EP		16 9	23.61	-0.08							1.0
HWQ	BZ	73	360	EP		16 9	28.80	0.05							0.2

April 23 2012 Hour: 17:36 21.0 Agency: REL Distant
EMSC OT=17:36:21.0 28.47S 177.30W 113Km M=6.0 KERMADEC ISLANDS REGION
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ BZ EP 1756 0.82
 TZHL BZ EP 1756 1.74
 BHL BZ EP 1756 1.74
 QRWL SZ EP 1756 2.08
 SHBL BZ EP 1756 2.43

April 23 2012 Hour: 21:21 46.0 Agency: REL Distant
EMSC OT=21:21:46.0 0.39N 125.43E 60Km M=5.7 MOLUCCA SEA
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ BZ EP 2134 37.43
 TZHL BZ EP 2134 38.05
 SHBL BZ EP 2134 38.71
 BHL BZ EP 2134 38.64

April 23 2012 Hour: 22:15 33.0 Agency: REL Regional
EMSC OT=22:15:33.0 34.73N 25.40E 2Km M=4.8 CRETE, GREECE
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 2217 39.09
 QRWL SZ EP 2217 37.97
 SHBL BZ EP 2217 39.62
 RCY SZ EP 2217 39.88
 HWQ BZ EP 2217 39.95

April 24 2012 Hour: 10:30 48.2 Lat: 33.90N Lon: 35.83E Depth: 0 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
TZHL	BZ	7	129	EP		1030	49.28	-0.04							1.0
BHL	BZ	16	273	EP		1030	50.78	-0.03	42						1.0
BHL	BN	16	273	ES		1030	52.82	0.07							1.0
QRTL	BZ	22	5	EP		1030	51.71	0.00							1.0
QRTL	BN	22	5	ES		1030	54.32	0.01							1.0
DQRL	SZ	32	229	EP		1030	53.31	-0.04							1.0
DQRL	SN	32	229	ES		1030	57.10	-0.06							1.0
HWQ	BZ	44	14	EP		1030	55.24	-0.00							1.0
RCY	SZ	44	179	EP		1030	55.42	0.07							1.0
RCY	SN	44	179	ES		1031	0.70	0.05							1.0
AZOL	BZ	46	216	EP		1030	55.56	-0.03							1.0

April 24 2012 Hour: 16:28 20.2 Lat: 33.78N Lon: 35.76E Depth: 7 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
TZHL	BZ	14	55	EP		1628	22.79	-0.04							1.0
BHL	BZ	17	323	EP		1628	23.20	0.01	42						1.0
DQRL	SZ	20	244	EP		1628	23.72	0.04							1.0
QRWL	SZ	27	196	EP		1628	24.78	-0.04							1.0
AZOL	BZ	32	220	EP		1628	25.55	-0.04							1.0
RCY	SZ	33	168	EP		1628	25.73	0.06							1.0
RCY	SN	33	168	ES		1628	29.73	0.01							1.0
QRTL	BZ	35	13	EP		1628	25.93	-0.07							1.0
QRTL	BN	35	13	ES		1628	30.32	0.03							1.0
HWQ	BZ	57	17	EP		1628	29.57	0.03							1.0
HWQ	BN	57	17	ES		1628	36.45	0.01							1.0

April 24 2012 Hour: 17:18 41.6 Lat: 33.60N Lon: 36.02E Depth: 4 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.0 secs

CENTRAL BEKAA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ	21	235	EP		1718	45.09	-0.02	40						1.0
RCY	SN	21	235	ES		1718	47.71	-0.03							1.0
TZHL	BZ	31	335	EP		1718	46.69	0.06							1.0
SHBL	BZ	39	222	EP		1718	47.86	0.00							1.0
SHBL	BN	39	222	ES		1718	52.56	0.05							1.0
DQRL	SZ	44	285	EP		1718	48.63	-0.01							1.0
DQRL	SN	44	285	ES		1718	53.88	0.01							1.0
AZOL	BZ	45	264	EP		1718	48.91	-0.03							1.0
BHL	BZ	48	314	EP		1718	49.31	0.00							1.0
QRTL	BZ	56	343	EP		1718	50.66	-0.04							1.0

April 24 2012 Hour: 23:28 53.0 Agency: REL Regional
EMSC OT=23:28:53.0 37.42N 44.75E 2Km M=3.8 TURKEY-IRAN-IRAQ BORDER

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QRWL	SZ			EP		2330	53.72								
DQRL	SZ			EP		2330	54.56								
SHBL	BZ			EP		2330	54.80								

April 25 2012 Hour: 4:13 48.2 Lat: 33.37N Lon: 35.23E Depth: 3 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.0 secs

OFFSHORE SOUTH LEBANON

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	BZ	16	35	EP		413	50.78	0.01	39						1.0
AZOL	BZ	35	53	EP		413	53.90	-0.01							1.0
AZOL	BN	35	53	ES		413	58.14	-0.01							1.0
SHBL	BZ	48	93	EP		413	55.82	-0.07							1.0
SHBL	BN	48	93	ES		414	1.65	0.04							1.0
QRTL	BZ	98	35	EP		414	4.00	-0.03							1.0
HWQ	BZ	120	33	EP		414	7.65	0.06							1.0

April 25 2012 Hour: 15:41 25.0 Lat: 33.79N Lon: 35.77E Depth: 7 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
TZHL	BZ	13	56	EP		1541	27.54	0.04							1.0
BHL	BZ	16	320	EP		1541	27.86	-0.04	46						1.0
BHL	BN	16	320	ES		1541	30.09	0.01							1.0
DQRL	SZ	21	242	EP		1541	28.57	0.02							1.0
DQRL	SN	21	242	ES		1541	31.19	-0.01							1.0
AZOL	BZ	33	220	EP		1541	30.53	0.04							1.0
RCY	SZ	33	169	EP		1541	30.50	-0.04							1.0
RCY	SN	33	169	ES		1541	34.66	-0.01							1.0
QRTL	BZ	34	13	EP		1541	30.54	-0.09							1.0
HWQ	BZ	56	17	EP		1541	34.23	0.07							1.0

April 25 2012 Hour: 17:52 46.0 Agency: REL Regional
EMSC OT=17:52:46.0 34.39N 32.79E 2Km M=3.6 CYPRUS REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		1753	29.66								
SHBL	BZ			EP		1753	30.97								

April 25 2012 Hour: 23:43 8.0 Agency: REL Distant
EMSC OT=23:43:08.0 23.84S 175.64W 10Km M=4.9 TONGA REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		24	2	59.69							
BHL	BZ			EP		24	3	0.40							
QRWL	SZ			EP		24	3	1.43							
SHBL	BZ			EP		24	3	1.05							

April 26 2012 Hour: 11:58 41.3 Lat: 33.35N Lon: 34.60E Depth: 18 Agency: REL Local
 Magnitudes: 3.1MC REL Rms: 0.1 secs

OFFSHORE SOUTH LEBANON

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	BZ	70	78	EP		1158	52.58	0.06							1.0
AZOL	BZ	91	75	EP		1158	55.62	0.02							1.0
DQRL	SZ	99	66	EP		1158	56.77	-0.01							1.0
DQRL	SN	99	66	ES		1159	8.25	0.00							1.0
RCY	SZ	116	82	EP		1158	59.35	-0.08	62						1.0
RCY	SN	116	82	ES		1159	12.84	-0.02							1.0
TZHL	BZ	132	65	EP		1159	1.83	0.12							1.0
QRTL	BZ	142	55	EP		1159	3.09	-0.10							1.0
HWQ	BZ	162	50	EP		1159	5.71	-0.01							1.0
HWQ	BN	162	50	ES		1159	23.82	0.01							1.0

April 26 2012 Hour: 16:49 52.8 Lat: 33.86N Lon: 35.84E Depth: 1 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
TZHL	BZ	4	93	EP		1649	53.52	0.00							1.0
BHL	BZ	18	286	EP		1649	55.69	-0.03	49						1.0
BHL	BN	18	286	ES		1649	57.85	-0.05							1.0
QRTL	BZ	26	2	EP		1649	57.00	0.06							1.0
DQRL	SZ	31	236	EP		1649	57.80	0.09							1.0
DQRL	SN	31	236	ES		1650	1.41	0.06							1.0
RCY	SZ	40	181	EP		1649	59.29	-0.00							1.0
RCY	SN	40	181	ES		1650	4.12	0.01							1.0
AZOL	BZ	44	221	EP		1649	59.73	-0.07							1.0
HWQ	BZ	47	12	EP		1650	0.40	-0.03							1.0
SHBL	BZ	57	189	EP		1650	2.05	-0.01							1.0
SHBL	BN	57	189	ES		1650	8.88	-0.04							1.0

April 26 2012 Hour: 18:41 20.0 Agency: REL Distant
 EMSC OT=18:41:20.0 41.54N 141.82E 67Km M=5.2 HOKKAIDO,JAPAN REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TZHL	BZ			EP		1853	16.89								
BHL	BZ			EP		1853	16.89								
SHBL	BZ			EP		1853	19.22								

April 26 2012 Hour: 22:53 33.0 Agency: REL Regional
 EMSC OT=22:05:33.0 39.12N 29.08E 8Km M=4.9 WESTERN TURKEY

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		22 7	21.00								
QRWL	SZ			EP		22 7	26.27								
SHBL	BZ			EP		22 7	29.43								

April 27 2012 Hour: 3:42 14.2 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBL	BZ			EP		342	17.46								
QRWL	SZ			EP		342	17.46								
DQRL	SZ			EP		342	21.41								

April 27 2012 Hour: 11:6 2.4 Lat: 33.45N Lon: 35.63E Depth: 4 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	26	EP		11 6	4.42	-0.01							1.0
QRWL	SN	12	26	ES		11 6	5.95	0.00							1.0
AZOL	BZ	15	326	EP		11 6	4.86	0.00							1.0
SHBL	BZ	16	136	EP		11 6	5.09	0.01							1.0
SHBL	BN	16	136	ES		11 6	7.08	-0.01							1.0
RCY	SZ	20	76	EP		11 6	5.73	0.01	23						1.0

April 27 2012 Hour: 13:22 20.7 Lat: 33.36N Lon: 35.38E Depth: 0 Agency: REL Local
 Magnitudes: 2.8MC REL Rms: 0.1 secs

SOUTH LEBANON

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	BZ	15	341	EP		1322	23.06	-0.06							1.0
AZOL	BZ	26	33	EP		1322	24.98	-0.02							1.0
DQRL	SZ	42	25	EP		1322	27.43	-0.06							1.0
DQRL	SN	42	25	ES		1322	32.59	0.09							1.0
RCY	SZ	45	70	EP		1322	27.91	-0.05	47						1.0
RCY	SN	45	70	ES		1322	33.27	-0.03							1.0
HWQ	BZ	114	27	EP		1322	39.26	0.10							1.0

April 27 2012 Hour: 16: 2 25.4 Lat: 33.78N Lon: 35.78E Depth: 9 Agency: REL Local
 Magnitudes: 3.0MC REL Rms: 0.0 secs

BEIRUT REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TZHL	BZ	13	50	EP		16 2	28.13	0.02							1.0
BHL	BZ	18	319	EP		16 2	28.75	-0.00	57						1.0
BHL	BN	18	319	ES		16 2	31.21	-0.01							1.0
DQRL	SZ	21	246	EP		16 2	29.32	0.04							1.0
QRWL	SZ	28	199	EP		16 2	30.15	-0.08							1.0
QRWL	SN	28	199	ES		16 2	33.82	0.03							1.0
BEYL	BZ	28	290	EP		16 2	30.28	0.04							0.2
RCY	SZ	32	171	EP		16 2	30.93	-0.02							1.0
RCY	SN	32	171	ES		16 2	35.03	-0.01							1.0
AZOL	BZ	34	222	EP		16 2	31.07	-0.01							1.0
QRTL	BZ	35	11	EP		16 2	31.27	0.00							1.0
SHBL	BZ	49	184	EP		16 2	33.52	0.06							1.0
MATL	BZ	53	232	EP		16 2	33.98	-0.16							0.2
HWQ	SZ	57	16	EP		16 2	34.70	-0.04							0.2

April 27 2012 Hour: 16:58 6.2 Lat: 33.79N Lon: 35.77E Depth: 5 Agency: REL Local
 Magnitudes: 3.0MC REL Rms: 0.1 secs

BEIRUT REGION

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TZHL	BZ	13	53	EP		1658	8.64	0.12							1.0
BHL	BZ	17	321	EP		1658	9.07	-0.01	62						1.0
BHL	BN	17	321	ES		1658	11.04	-0.20							1.0
DQRL	SZ	21	245	EP		1658	9.76	0.13							1.0
DQRL	SN	21	245	ES		1658	12.35	0.15							1.0
BEYL	BZ	27	290	EP		1658	10.70	0.04							0.2
QRWL	SZ	28	197	EP		1658	10.63	-0.10							1.0
QRWL	SN	28	197	ES		1658	14.13	0.02							1.0
RCY	SZ	33	169	EP		1658	11.56	0.03							1.0
AZOL	BZ	33	221	EP		1658	11.55	-0.01							1.0
QRTL	BZ	35	12	EP		1658	11.87	0.02							1.0
SHBL	BZ	49	183	EP		1658	14.07	0.00							1.0
SHBL	BN	49	183	ES		1658	19.75	-0.17							1.0
MATL	BZ	53	231	EP		1658	14.80	0.12							0.2
HWQ	SZ	57	16	EP		1658	15.40	-0.00							1.0

April 28 2012 Hour: 3:17 5.0 Agency: REL Regional

EMSC OT=03:17:05.0 38.53N 40.73E 22Km M=4.7 EASTERN TURKEY

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		318	32.65								
TZHL	BZ			EP		318	37.73								
BHL	BZ			EP		318	38.81								
DQRL	SZ			EP		318	41.93								
RCY	SZ			EP		318	42.56								
SHBL	BZ			EP		318	44.53								

April 28 2012 Hour: 4:46 12.4 Lat: 33.39N Lon: 35.25E Depth: 4 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.0 secs

OFFSHORE SOUTH LEBANON

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	BZ	13	34	EP		446	14.55	-0.04	38						1.0
MATL	BN	13	34	ES		446	16.22	-0.01							1.0
AZOL	BZ	33	55	EP		446	17.82	0.10							1.0
SHBL	BZ	46	96	EP		446	19.91	0.03							1.0
SHBL	BN	46	96	ES		446	25.41	-0.03							1.0
HWQ	BZ	118	33	EP		446	31.32	-0.02							1.0

April 28 2012 Hour: 10: 8 4.0

Agency: REL Distant

EMSC OT=10:08:04.0 18.59S 174.67W 100Km M=6.6 TONGA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	BZ			EP		1027	35.75								
BHL	BZ			EP		1027	36.23								
SHBL	BZ			EP		1027	36.81								
AZOL	BZ			EP		1027	37.24								

April 28 2012 Hour: 10: 8 4.0

Agency: Distant

EMSC OT=10:08:04.0 18.59S 174.67W 100Km M=6.6 TONGA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZOL	BZ			EP		1027	37.24								
HWQ	BZ			EP		1027	35.75								
BHL	BZ			EP		1027	36.23								
SHBL	BZ			EP		1027	36.81								

April 29 2012 Hour: 13:20 4.8

Lat: 34.03N Lon: 35.76E Depth: 0 Agency: REL Local

Magnitudes: 3.0MC REL

Rms: 0.1 secs

KESROUANE

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QRTL	BZ	11	48	EP		1320	6.57	-0.05							1.0
BHL	BZ	17	216	EP		1320	7.50	0.02	64						1.0
BHL	BE	17	216	ES	*	1320	9.46	0.00							0.0
TZHL	BZ	22	148	EP		1320	8.44	0.11							1.0
BEYL	BZ	30	236	EP		1320	9.46	-0.17							0.2
VERD	SZ	30	238	EP		1320	9.70	-0.01							0.2
HWQ	SZ	33	31	EP		1320	10.22	0.09							1.0
HWQ	SE	33	31	ES		1320	14.00	-0.07							1.0
DQRL	SZ	40	206	EP		1320	11.20	0.02							1.0
DQRL	SE	40	206	ES		1320	15.87	-0.02							1.0
AZOL	BZ	55	202	EP		1320	13.69	-0.04							1.0
RCY	SZ	59	173	EP		1320	14.37	0.04							1.0
RCY	SN	59	173	ES		1320	21.27	-0.10							1.0

April 30 2012 Hour: 14:22 7.1

Lat: 33.79N Lon: 35.79E Depth: 6 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
TZHL	BZ	12	49	EP		1422	9.40	0.06							1.0
BHL	BZ	18	316	EP		1422	10.19	0.00	42						1.0
BHL	BN	18	316	ES		1422	12.41	-0.08							1.0
DQRL	SZ	22	246	EP		1422	10.85	0.03							1.0
DQRL	SN	22	246	ES		1422	13.66	0.06							1.0
RCY	SZ	33	172	EP		1422	12.38	-0.09							1.0
RCY	SN	33	172	ES		1422	16.47	-0.00							1.0
AZOL	BZ	34	223	EP		1422	12.69	-0.00							1.0
QRTL	BZ	34	10	EP		1422	12.70	-0.02							1.0
HWQ	BZ	56	15	EP		1422	16.28	0.04							1.0

April 30 2012 Hour: 22: 9 37.8 Lat: 33.44N Lon: 35.94E Depth: 6 Agency: REL Local
Magnitudes: 2.0MC 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	302	EP		22	9	39.99	0.02		14				1.0
RCY	SN	11	302	ES		22	9	41.54	-0.02						1.0
SHBL	BZ	21	240	EP		22	9	41.39	0.00						1.0
SHBL	BN	21	240	ES		22	9	44.04	0.00						1.0
QRWL	SZ	26	296	EP		22	9	42.23	0.02						1.0
QRWL	SN	26	296	ES		22	9	45.48	0.02						1.0
AZOL	BZ	39	290	EP		22	9	44.21	-0.05						1.0

Epicentral Map of Lebanon

APRIL 2012

