

Republic of Lebanon
National Council for Scientific Research

Provisional Seismological Bulletin

from the

NATIONAL SEISMIC NETWORK

March

2006

Prepared by
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GENERAL BULLETIN INFORMATION

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

Since 1993, the Centre has been participating in a regional initiative of 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 location 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 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 coda duration. The coda wave magnitude is estimated via the formula:

$$M_c = 0.08 + 1.63 * \log_{10}(T) + 0.009 * D.$$

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

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

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

STATIONS USED

The stations listed below are operated by the National Centre for Geophysical Research. They form 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 to mention the systematic use of arrival times from the Cypriot seismic network CSS in order to constrain events corresponding to an active zone off the Lebanese shorelines.

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

MACROSEISMIC DATA

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

MONTHLY EPICENTER MAPS

Maps will be found on the last page.

ELECTRONIC PUBLICATION

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

REFERENCES

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

Abbreviations:

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

LAT: Latitude of epicenter

LON: Longitude of epicenter

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

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

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

RMS: Root mean square value of travel time residuals

STAT: Station code

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

DIST: Epicenter distance (km)

AZI: Azimuth from source to station

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

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

HR: Hour

MN: Minute

SECON: Seconds

TRES: Residual (seconds)

CODA: Signal duration in seconds

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

PERI: Period where amplitude is measured

BAZ: Back azimuth (station to event)

ARES: Back azimuth residual

VELO: Apparent phase velocity (km/sec)

WT: Weight of phase in the location

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

March 1 2006 Hour: 11:14 57.5 Philippine Mw 5.7 Agency: REL Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 1116 12.51

March 2 2006 Hour: 11:3 21.6 Lat: 33.94N Lon: 36.91E Depth: 33 Agency: REL Local
Magnitudes: 3.1MC REL Rms: 0.5 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ 57 305 EPg 11 3 31.24 -0.6 64 1.0
 FKH SN 57 305 ESg 11 3 39.49 0.1 1.0
 HWQ SZ 96 293 EPg 11 3 37.82 0.7 1.0
 HWQ SN 96 293 ESg 11 3 49.12 0.4 1.0
 BHL SZ 116 268 EPg 11 3 39.33 -0.7 1.0
 BHL SN 116 268 ESg 11 3 53.03 -0.6 1.0

March 2 2006 Hour: 11:10 29.0 Lat: 34.61N Lon: 36.84E Depth: 0 Agency: REL Local
Magnitudes: 3.2MC REL Rms: 1.1 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ 58 224 EPg 1110 37.12 -1.1 80 1.0
 FKH SE 58 224 ESg 1110 43.04 -2.1 1.0
 HWQ SZ 90 246 EPg 1110 43.23 -0.2 1.0
 HWQ SE 90 246 ESg 1110 54.47 0.3 1.0
 BHL SZ 134 235 EPg 1110 50.65 0.0 1.0
 BHL SN 134 235 ESg 1111 7.57 1.0 1.0

March 2 2006 Hour: 22:44 46.7 Agency: REL Regional
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EPn 2245 30.45
 HWQ SZ EPn 2245 33.14
 FKH SZ EPn 2245 38.41
 MATL SZ EPn 2245 31.56

March 3 2006 Hour: 13:12 50.4 Fiji Mb 5.3 Agency: REL Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 1312 52.37

March 4 2006 Hour: 10:56 1.7 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 1056 46.54
 HWQ SN ESg 1057 1.20
 BHL SN EPg 1057 13.29

March 5 2006 Hour: 6:30 46.2 Lat: 34.81N Lon: 33.98E Depth: 34 Agency: REL Regional
Magnitudes: 3.4MC REL Rms: 0.7 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 CSS BZ 62 286 IPg 630 56.77 -0.1 1.0
 CSS BE 62 286 ISg 631 4.96 0.1 1.0
 BHL BZ 184 123 EP 631 11.85 -0.3 1.0
 BHL BN 184 123 ES 631 30.10 -1.2 1.0
 HWQ SZ 190 107 EP 631 13.87 0.9 82 1.0
 HWQ SN 190 107 ES 631 32.61 -0.1 1.0

March 5 2006 Hour: 8:26 59.6 Tonga Mb 6.1 Agency: REL Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 827 17.05

March 5 2006 Hour: 10:1 8.5 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ EPg 10 3 19.79
 FKH SN ESg 10 3 26.80
 HWQ SZ EPg 10 3 23.50
 HWQ SN ESg 10 3 32.24

March 5 2006 Hour: 10:53 14.5 Canada Mw 5.6 Agency: REL Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 1054 26.90

March 6 2006 Hour: 11:16 1.3 Lat: 34.28N Lon: 36.82E Depth: 0 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.6 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ 39 263 EPg 1116 6.79 -0.9 61 1.0
 FKH SE 39 263 ESg 1116 12.04 -0.3 1.0
 HWQ SZ 81 270 EPg 1116 14.34 0.0 1.0
 HWQ SN 81 270 ESg 1116 24.75 0.7 1.0

March 6 2006 Hour: 11:24 5.3 Lat: 33.75N Lon: 37.04E Depth: 34 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.5 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ 80 313 EPg 1124 19.03 0.4 59 1.0
 FKH SN 80 313 ESg 1124 28.18 -0.2 1.0
 HWQ SZ 117 300 EPg 1124 24.18 0.4 1.0
 HWQ SN 117 300 ESg 1124 37.27 -0.2 1.0

March 6 2006 Hour: 13:35 14.9 Lat: 33.83N Lon: 36.74E Depth: 0 Agency: REL Local
Magnitudes: 3.1MC REL Rms: 0.6 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ 55 325 EPg 1335 22.89 -0.8 62 1.0
 FKH SN 55 325 ESg 1335 30.13 -0.1 1.0
 HWQ SZ 89 304 EPg 1335 30.51 1.3 1.0
 HWQ SE 89 304 ESg 1335 39.71 0.0 1.0
 BHL SE 101 275 ESg 1335 43.14 -0.1 1.0

March 6 2006 Hour: 18:23 34.8 Mid Indian ridge Mw 6.2 Agency: REL Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 1825 38.75

March 7 2006 Hour: 14:28 0.7 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 1428 47.65
 HWQ SN ESg 1429 4.62
 BHL SZ EPg 1428 54.60
 BHL SE ESg 1429 17.42

March 7 2006 Hour: 22:48 1.9 Lat: 33.41N Lon: 35.57E Depth: 31 Agency: REL Local
Magnitudes: 3.2MC REL Rms: 0.6 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MATL SZ 24 291 IPg 2248 8.23 0.3 1.0
 BHL SZ 55 8 EPg 2248 10.81 -0.9 77 1.0
 HWQ SZ 102 20 EPg 2248 19.07 0.8 1.0

March 11 2006 Hour: 10:59 2.3 Lat: 33.69N Lon: 37.05E Depth: 34 Agency: REL Local
Magnitudes: 3.3MC REL Rms: 0.2 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ 85 316 EPg 1059 16.60 0.2 87 1.0
 FKH SN 85 316 ESg 1059 26.68 -0.1 1.0
 HWQ SZ 121 303 EPg 1059 21.18 -0.3 1.0
 HWQ SE 121 303 ESg 1059 35.61 0.0 1.0
 BHL SN 131 281 ESg 1059 38.17 0.0 1.0

March 11 2006 Hour: 13:14 0.9 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ EPg 1314 40.36
 HWQ SE ESg 1314 57.37
 FKH SE ESg 1314 46.85

March 11 2006 Hour: 15:21 36.8 Lat: 34.71N Lon: 36.36E Depth: 0 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	52	176	EPg		1521	44.36	-0.9	55						1.0
FKH	SE	52	176	ESg		1521	51.73	0.2							1.0
HWQ	SZ	61	219	EPg		1521	46.93	0.3							1.0
HWQ	SN	61	219	ESg		1521	52.96	-1.0							1.0
BHL	SN	110	216	ESg		1522	8.20	0.4							1.0

March 11 2006 Hour: 15:39 51.1 Lat: 34.17N Lon: 36.77E Depth: 14 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	35	281	EPg		1539	56.94	-0.3	51						1.0
FKH	SN	35	281	ESg		1540	1.86	0.1							1.0
HWQ	SZ	77	279	EPg		1540	4.32	0.9							1.0
HWQ	SE	77	279	ESg		1540	12.35	-0.2							1.0
BHL	SN	107	254	ESg		1540	19.94	-0.4							1.0

March 11 2006 Hour: 16:57 46.2 Lat: 33.36N Lon: 35.42E Depth: 22 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	17	329	EPg		1657	50.92	0.4							1.0
BHL	SZ	64	20	EPg		1657	56.13	-0.6	41						1.0
BHL	SN	64	20	ESg		1658	3.78	-0.8							1.0
HWQ	SZ	113	25	EPg		1658	4.40	0.6							1.0
HWQ	SN	113	25	ESg		1658	17.55	0.7							1.0

March 11 2006 Hour: 21:37 8.7 Iran Mw 4.8 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		2138	1.86								

March 11 2006 Hour: 23:57 21.7 Lat: 33.82N Lon: 35.75E Depth: 15 Agency: REL Local
Magnitudes: 2.6MC REL Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	13	315	EPg		2357	24.17	-0.8	32						1.0
BHL	BN	13	315	ESg		2357	27.72	0.3							1.0
HWQ	SZ	54	19	EPg		2357	31.44	0.8							1.0
FKH	SZ	76	52	EPg		2357	33.30	-0.5							1.0

March 12 2006 Hour: 10:47 10.5 Lat: 34.40N Lon: 36.75E Depth: 0 Agency: REL Local
Magnitudes: 3.1MC REL Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	37	240	EPg		1047	14.97	-1.4	69						1.0
FKH	SE	37	240	ESg		1047	20.37	-0.4							1.0
HWQ	SZ	75	260	EPg		1047	22.74	0.2							1.0
HWQ	SE	75	260	ESg		1047	32.06	0.6							1.0

March 12 2006 Hour: 11: 8 54.6 Lat: 33.82N Lon: 37.13E Depth: 57 Agency: REL Local
Magnitudes: 3.3MC REL Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	81	305	EPg		11 9	8.58	0.0	83						1.0
FKH	SN	81	305	ESg		11 9	18.76	-0.2							1.0
HWQ	SZ	120	295	EPg		11 9	13.68	0.6							1.0
HWQ	SE	120	295	ESg		11 9	27.36	0.7							1.0
BHL	SZ	137	274	EPg		11 9	14.63	-0.3							1.0
BHL	SN	137	274	ESg		11 9	28.99	-1.0							1.0

March 12 2006 Hour: 12: 3 25.7 Lat: 33.72N Lon: 37.01E Depth: 2 Agency: REL Local
Magnitudes: 3.1MC REL Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	81	316	EPg		12 3	38.23	-0.5	64						1.0
FKH	SN	81	316	ESg		12 3	48.65	0.3							1.0
HWQ	SZ	117	303	EPg		12 3	44.32	-0.2							1.0
HWQ	SE	117	303	ESg		12 3	58.55	0.1							1.0
BHL	SZ	127	280	EPg		12 3	46.98	0.7							1.0
BHL	SE	127	280	ESg		12 4	1.10	-0.4							1.0

March 12 2006 Hour: 12:27 52.3 Lat: 33.53N Lon: 36.53E Depth: 46 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	80	351	EPg		1228	5.71	0.1	58						1.0
FKH	SE	80	351	ESg		1228	15.41	0.0							1.0
BHL	SZ	92	297	EPg		1228	6.84	-0.2							1.0
BHL	SN	92	297	ESg		1228	18.00	0.1							1.0
HWQ	SZ	99	327	EPg		1228	8.09	0.1							1.0
HWQ	SN	99	327	ESg		1228	19.53	-0.1							1.0

March 12 2006 Hour: 13:22 57.8 Lat: 34.41N Lon: 36.74E Depth: 0 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	37	237	EPg		1323	2.45	-1.3	45						1.0
FKH	SE	37	237	ESg		1323	7.38	-0.7							1.0
HWQ	SZ	74	259	EPg		1323	10.12	0.3							1.0
HWQ	SN	74	259	ESg		1323	18.19	-0.5							1.0
BHL	SZ	115	241	EPg		1323	17.30	1.0							1.0
BHL	SE	115	241	ESg		1323	31.12	1.1							1.0

March 13 2006 Hour: 11:10 0.7 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPg		1110	33.62								
HWQ	SN			ESg		1110	47.21								
BHL	SN			ESg		1110	50.00								

March 14 2006 Hour: 7: 5 56.2 Indonesia Mw 6.8 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		710	46.11								

March 15 2006 Hour: 3:18 1.0 Dodecanese Islands ML 3.8 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPn		318	46.46								
BHL	SZ			EPn		318	44.83								

March 15 2006 Hour: 21: 6 42.8 Lat: 37.40N Lon: 38.44E Depth: 15 Agency: REL Regional
Magnitudes: 4.4MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	396	208	EPn		21 7	36.56	-0.1							1.0
FKH	SN	396	208	Sn		21 8	16.54	0.0							1.0
HWQ	SZ	413	214	EPn		21 7	38.27	-0.4							1.0
HWQ	SE	413	214	Sn		21 8	20.05	0.0							1.0
BHL	BZ	462	214	EPn		21 7	45.33	0.5	233						1.0

March 16 2006 Hour: 12: 3 52.6 Lat: 34.43N Lon: 36.86E Depth: 0 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	47	243	EPg		12 3	59.56	-0.7	62						1.0
FKH	SN	47	243	ESg		12 4	4.75	-1.1							1.0
HWQ	SZ	86	259	EPg		12 4	6.55	0.2							1.0
HWQ	SE	86	259	ESg		12 4	16.52	-0.1							1.0
BHL	SZ	125	243	EPg		12 4	13.32	0.5							1.0
BHL	SN	125	243	ESg		12 4	28.98	1.2							1.0

March 16 2006 Hour: 13:21 0.2 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ EPg 1321 55.13
 FKH SN ESg 1322 1.13
 HWQ SZ EPg 1322 2.61
 HWQ SE ESg 1322 13.00

March 17 2006 Hour: 20: 4 21.2 **Tonga Mb 5.3** **Agency: REL Distant**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 20 5 54.33

March 18 2006 Hour: 0:49 1.2 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EPg 049 39.51
 HWQ SZ EPg 049 37.41
 HWQ SN ESg 049 41.59
 BHL BN ESg 049 45.36

March 18 2006 Hour: 10: 2 0.4 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 10 2 20.87
 HWQ SE ESg 10 2 25.25
 BHL SN ESg 10 2 29.37

March 18 2006 Hour: 10: 8 1.7 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL SZ IPg 10 9 14.95
 BHL SN ISg 10 9 20.39
 HWQ SZ EPg 10 9 22.29
 HWQ SN ESg 10 9 31.59

March 18 2006 Hour: 11: 6 1.2 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 11 6 47.08
 HWQ SE ESg 11 6 53.18
 FKH SZ EPg 11 6 45.07
 FKH SN ESg 11 6 51.11

March 18 2006 Hour: 11:41 0.5 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ EPg 1142 1.89
 FKH SE ESg 1142 7.16
 HWQ SZ EPg 1142 9.71
 HWQ SE ESg 1142 19.11

March 18 2006 Hour: 12: 5 12.9 **Lat: 34.45N Lon: 36.80E Depth: 0** **Agency: REL Local**
Magnitudes: 3.0MC REL Rms: 0.4 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ 44 237 EPg 12 5 19.83 -0.1 55 1.0
 FKH SE 44 237 ESg 12 5 24.51 -0.7 1.0
 HWQ SZ 81 256 EPg 12 5 25.75 -0.2 1.0
 HWQ SN 81 256 ESg 12 5 35.52 0.0 1.0
 BHL SZ 122 240 EPg 12 5 32.91 0.4 1.0
 BHL SN 122 240 ESg 12 5 47.76 0.7 1.0

March 19 2006 Hour: 4:44 28.3 **Lat: 33.10N Lon: 35.50E Depth: 16** **Agency: REL Local**
Magnitudes: 3.4MC REL Rms: 0.1 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MATL SZ 47 340 IPg 444 36.15 0.1 1.0
 BHL BZ 91 9 IPg 444 42.34 -0.3 1.0
 BHL BE 91 9 ISg 444 53.18 -0.1 1.0
 HWQ SZ 137 17 EPg 444 49.67 0.2 90 1.0
 HWQ SE 137 17 ISg 445 5.26 0.1 1.0

March 20 2006 Hour: 17:55 58.2 Fiji Mb 5.2 Agency: REL Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 1756 52.36
 FKH SZ EP 1756 51.05

March 20 2006 Hour: 19:47 6.7 Algeria Mw 5.3 Agency: REL Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 1949 47.18
 HWQ SZ EP 1949 50.72

March 20 2006 Hour: 20:36 0.5 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 2036 45.77
 HWQ SN ESg 2036 52.07
 BHL SE ESg 2036 49.67

March 21 2006 Hour: 1:35 1.7 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EPg 135 59.95
 BHL BN ESg 136 5.02
 HWQ SZ EPg 136 0.20
 HWQ SE ESg 136 8.18

March 21 2006 Hour: 3:44 19.4 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EPg 344 55.79
 BHL BN ESg 345 2.12
 HWQ SZ EPg 344 57.54
 HWQ SN ESg 345 4.37

March 21 2006 Hour: 4:10 43.8 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 411 40.00
 BHL BZ EPg 411 38.29
 BHL BN ESg 411 44.20
 HWQ SN ESg 411 46.76

March 22 2006 Hour: 3:23 0.2 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EPg 324 0.31
 BHL BN ESg 324 3.79
 HWQ SZ EPg 324 6.59
 HWQ SN ESg 324 12.98

March 22 2006 Hour: 3:38 1.6 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EPg 338 36.56
 BHL BN ESg 338 42.43
 HWQ SZ EPg 338 38.16
 HWQ SN ESg 338 45.18

March 22 2006 Hour: 9: 8 0.1 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EPg 9 9 1.72
 BHL BN ESg 9 9 5.02
 HWQ SZ EPg 9 9 8.10
 HWQ SN ESg 9 9 18.88

March 22 2006 Hour: 11:10 0.7 **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1110	20.28								
FKH	SN			ESg		1110	30.63								
HWQ	SZ			EPg		1110	25.52								
HWQ	SN			ESg		1110	39.66								

March 22 2006 Hour: 13:10 0.1 **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1311	40.37								
FKH	SE			ESg		1311	45.56								
HWQ	SZ			EPg		1311	47.64								
HWQ	SE			ESg		1311	57.66								

March 22 2006 Hour: 14:57 0.7 **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		1457	45.45								
BHL	BN			ESg		1457	48.35								
HWQ	SZ			EPg		1457	48.89								
HWQ	SN			ESg		1457	54.73								

March 22 2006 Hour: 16:45 5.5 Lat: 33.35N Lon: 35.46E Depth: 34 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	20	320	EPg		1645	11.78	0.3							1.0
BHL	BZ	64	16	EPg		1645	15.39	-1.2	54						1.0
BHL	BN	64	16	ESg		1645	24.91	0.2							1.0
HWQ	SZ	112	23	EPg		1645	23.99	0.7							1.0

March 23 2006 Hour: 1:57 10.7 Lat: 34.00N Lon: 35.72E Depth: 47 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	12	209	EPg		157	17.95	0.1							1.0
BHL	BN	12	209	ESg		157	23.21	0.0							1.0
HWQ	SZ	37	34	EPg		157	19.67	0.2	45						1.0
HWQ	SE	37	34	ESg		157	25.85	-0.2							1.0
MATL	SZ	67	213	EPg		157	22.28	-0.1							1.0

March 23 2006 Hour: 3:45 6.4 **Agency: REL Distant**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		345	15.23								

March 23 2006 Hour: 6:38 15.6 Lat: 34.24N Lon: 35.33E Depth: 0 Agency: REL Local
Magnitudes: 3.4MC REL FELT Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	48	142	IPg		638	23.72	0.4	106						1.0
BHL	BE	48	142	ISg		638	29.09	0.0							1.0
HWQ	SZ	57	86	IPg		638	24.71	0.0							1.0
HWQ	SN	57	86	ISg		638	30.82	-0.7							1.0
MATL	SZ	84	180	IPg		638	29.09	-0.1							1.0
FKH	SZ	98	90	IPg		638	31.50	0.0							1.0
FKH	SN	98	90	ISg		638	43.86	0.6							1.0

March 23 2006 Hour: 13:30 22.3 Lat: 34.40N Lon: 36.90E Depth: 0 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	50	249	EPg		1330	29.62	-0.6	54						1.0
FKH	SE	50	249	ESg		1330	35.67	-0.5							1.0
HWQ	SZ	89	262	EPg		1330	37.13	0.5							1.0
HWQ	SN	89	262	ESg		1330	47.18	-0.1							1.0
BHL	SZ	127	245	EPg		1330	42.95	0.1							1.0
BHL	SE	127	245	ESg		1330	58.63	0.6							1.0

March 23 2006 Hour: 13:58 1.6 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ EPg 1358 44.29
 FKH SN ESg 1358 50.38
 HWQ SZ EPg 1358 53.48
 HWQ SE ESg 1359 1.55

March 24 2006 Hour: 11:56 0.7 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ EPg 1157 2.00
 FKH SN ESg 1157 7.46
 HWQ SZ EPg 1157 4.22
 HWQ SE ESg 1157 11.01

March 24 2006 Hour: 13:30 32.5 Lat: 34.25N Lon: 35.31E Depth: 0 Agency: REL Local
Magnitudes: 3.5MC REL FELT Rms: 0.3 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ 50 140 IPg 1330 40.65 0.1 118 1.0
 BHL BE 50 140 ISg 1330 46.18 -0.3 1.0
 HWQ SZ 59 87 IPg 1330 41.61 -0.4 1.0
 HWQ SN 59 87 ISg 1330 49.00 -0.1 1.0
 MATL SZ 84 179 IPg 1330 46.40 0.3 1.0
 FKH SZ 101 90 IPg 1330 48.62 -0.2 1.0
 FKH SE 101 90 ISg 1331 1.35 0.5 1.0

March 24 2006 Hour: 21:26 1.2 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL SZ EPg 2126 33.77
 HWQ SZ EPg 2126 35.55
 BHL SN ESg 2126 40.11
 HWQ SN ESg 2126 42.48

March 25 2006 Hour: 7:32 0.0 Iran Mw 5.8 **Agency: REL Regional**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EPn 733 10.93

March 25 2006 Hour: 9:57 52.6 Iran Mw 5.5 **Agency: REL Regional**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EPn 959 27.89

March 27 2006 Hour: 13: 2 30.5 Lat: 34.34N Lon: 36.80E Depth: 0 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.6 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ 38 252 EPg 13 2 35.78 -0.9 60 1.0
 FKH SE 38 252 ESg 13 2 41.07 -0.1 1.0
 HWQ SZ 79 265 EPg 13 2 43.98 0.8 1.0
 HWQ SN 79 265 ESg 13 2 52.26 -0.3 1.0
 BHL SE 116 246 ESg 13 3 3.46 0.4 1.0

March 27 2006 Hour: 13:19 0.8 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ EPg 1319 45.20
 HWQ SZ EPg 1319 48.27
 HWQ SN ESg 1319 54.01
 FKH SE ESg 1319 51.83

March 27 2006 Hour: 20:26 52.9 Fiji Mb 5.2 **Agency: REL Distant**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 2027 5.42

March 27 2006 Hour: 23:55 26.2 **Agency: REL Distant**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 2355 46.86

March 28 2006 Hour: 9:12 33.1 Lat: 34.24N Lon: 35.33E Depth: 0 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.6 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL SZ 48 141 EPg 912 39.51 -1.3 1.0
 BHL SN 48 141 ESg 912 46.75 0.2 1.0
 HWQ SZ 57 85 EPg 912 42.72 0.4 46 1.0
 HWQ SE 57 85 ESg 912 49.12 0.0 1.0

March 28 2006 Hour: 11:13 0.7 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 1114 34.13
 HWQ SE ESg 1114 44.35
 BHL SZ EPg 1114 41.44
 BHL SN ESg 1114 59.11

March 28 2006 Hour: 13: 2 6.0 Lat: 34.22N Lon: 35.32E Depth: 0 Agency: REL Local
Magnitudes: 3.6MC REL FELT Rms: 0.8 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ 47 139 IPg 13 2 13.55 0.0 129 1.0
 BHL SE 47 139 ISg 13 2 19.09 0.0 1.0
 HWQ SZ 58 84 IPg 13 2 14.44 -0.9 1.0
 HWQ SE 58 84 ISg 13 2 21.93 -0.3 1.0
 MATL SZ 82 179 IPg 13 2 19.28 0.2 1.0
 FKH SZ 100 89 IPg 13 2 21.52 -0.5 1.0
 FKH SE 100 89 ISg 13 2 34.24 0.3 1.0

March 28 2006 Hour: 13:43 52.6 Honshu Mw 6.0 Agency: REL Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ EP 1344 20.23
 BHL BZ EP 1344 23.65

March 28 2006 Hour: 18:39 0.0 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EPg 1839 26.19
 BHL BN ESg 1839 29.85
 HWQ SZ EPg 1839 31.06
 HWQ SE ESg 1839 36.11

March 28 2006 Hour: 18:40 23.8 Cyprus region MD 3.6 Agency: REL Regional
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPn 1840 41.78
 HWQ SE Sn 1841 27.92
 FKH SE Sn 1841 36.82
 BHL SE Sn 1841 24.67

March 29 2006 Hour: 9: 5 3.9 Lat: 33.83N Lon: 37.17E Depth: 20 Agency: REL Local
Magnitudes: 3.3MC REL Rms: 0.2 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ 84 303 EPg 9 5 17.51 0.2 86 1.0
 FKH SN 84 303 ESg 9 5 27.10 -0.1 1.0
 HWQ SZ 123 294 EPg 9 5 23.09 0.0 1.0
 HWQ SE 123 294 ESg 9 5 37.24 0.0 1.0
 BHL SZ 140 274 EPg 9 5 25.30 -0.3 1.0
 BHL SN 140 274 ESg 9 5 41.74 0.1 1.0

March 29 2006 Hour: 11:35 0.8 **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1135	32.35								
FKH	SN			ESg		1135	41.61								
HWQ	SZ			EPg		1135	37.50								
HWQ	SN			ESg		1135	51.60								

March 29 2006 Hour: 13:55 44.9 **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1356	12.54								
HWQ	SZ			EPg		1356	20.51								
FKH	SE			ESg		1356	18.66								
HWQ	SE			ESg		1356	30.13								

March 29 2006 Hour: 14:17 31.1 Lat: 33.85N Lon: 35.56E Depth: 19 Agency: REL Local
Magnitudes: 3.1MC REL Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	11	58	IPg		1417	33.97	-0.8	68						1.0
BHL	SE	11	58	ISg		1417	37.63	0.2							1.0
MATL	SZ	46	208	IPg		1417	39.86	1.0							1.0
HWQ	SZ	59	37	IPg		1417	40.38	-0.5							1.0
HWQ	SN	59	37	ISg		1417	49.04	0.9							1.0
FKH	SZ	89	61	IPg		1417	44.30	-0.9							1.0
FKH	SE	89	61	ISg		1417	56.21	0.6							1.0

March 29 2006 Hour: 16:17 49.8 Tonga Mb 5.4 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1618	14.11								

March 29 2006 Hour: 16:50 41.6 Lat: 33.26N Lon: 35.58E Depth: 0 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	34	318	EPg		1650	47.62	0.5							1.0
BHL	BZ	72	6	EPg		1650	52.58	-0.6	46						1.0
BHL	BN	72	6	ESg		1651	0.73	-1.0							1.0
HWQ	SZ	118	17	EPg		1651	0.40	-0.2							1.0
HWQ	SN	118	17	ESg		1651	15.91	1.2							1.0

March 29 2006 Hour: 18:17 29.0 Lat: 34.23N Lon: 35.38E Depth: 14 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	45	145	EPg		1817	36.40	-0.2							1.0
BHL	SE	45	145	ESg		1817	42.00	-0.2							1.0
HWQ	SZ	52	85	EPg		1817	37.90	0.1	53						1.0
HWQ	SN	52	85	ESg		1817	44.66	0.3							1.0
FKH	SZ	94	90	EPg		1817	44.39	0.0							1.0
FKH	SN	94	90	ESg		1817	55.49	-0.3							1.0

March 29 2006 Hour: 22: 5 14.2 Lat: 35.41N Lon: 35.51E Depth: 15 Agency: REL Local
Magnitudes: 4.3MC REL FELT Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	132	162	IPg		22 5	34.36	-0.2							1.0
PHNC	SZ	141	252	EP		22 5	36.3	0.4							1.0
FKH	SZ	154	148	IPg		22 5	38.02	0.2	319						1.0
FKH	SN	154	148	ISg		22 5	57.33	2.0							1.0
BHL	BZ	167	175	IPg		22 5	38.77	-1.1							1.0
BHL	BN	167	175	ISg		22 6	0.11	1.3							1.0
CSS	SZ	204	257	EP		22 5	44.0	-0.1							1.0
MATL	SZ	214	184	IPg		22 5	43.44	-3.1							1.0

March 30 2006 Hour: 11:47 23.1 Lat: 33.48N Lon: 36.56E Depth: 0 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	85	350	EPg		1147	36.40	-0.5	49						1.0
FKH	SN	85	350	ESg		1147	47.26	0.2							1.0
BHL	SN	96	300	ESg		1147	50.07	-0.1							1.0
HWQ	SZ	105	328	EPg		1147	40.67	0.5							1.0
HWQ	SE	105	328	ESg		1147	52.57	-0.1							1.0

March 30 2006 Hour: 13:50 53.4 Lat: 34.44N Lon: 36.82E Depth: 0 Agency: REL Local
Magnitudes: 3.1MC REL Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	45	239	EPg		1350	59.09	-1.5	69						1.0
FKH	SN	45	239	ESg		1351	5.15	-0.7							1.0
HWQ	SZ	82	258	EPg		1351	7.30	0.7							1.0
HWQ	SE	82	258	ESg		1351	15.74	-0.7							1.0
BHL	SZ	123	241	EPg		1351	14.03	0.9							1.0
BHL	SN	123	241	ESg		1351	29.17	1.4							1.0
MATL	SZ	173	233	EPg		1351	21.46	0.1							1.0

March 30 2006 Hour: 16:18 48.3 Iran Mb 4.8 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPn		1619	46.17								

March 30 2006 Hour: 19:37 36.8 Iran Mb 5.2 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPn		1938	58.92								

March 31 2006 Hour: 1:16 40.0 Iran Mb 5.7 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPn		119	40.26								
FKH	SZ			EPn		119	30.61								
HWQ	SZ			EPn		119	37.48								
MATL	SZ			EPn		119	45.12								

March 31 2006 Hour: 11:55 56.1 Iran Mb 4.8 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPn		1156	43.00								

March 31 2006 Hour: 13:40 0.8 Kermadec Mb 6.3 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1340	52.91								
FKH	SZ			EP		1340	53.35								

March 31 2006 Hour: 19: 9 1.2 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPg		19 9	15.06								
HWQ	SN			ESg		19 9	22.44								
BHL	SE			ESg		19 9	18.67								

March 31 2006 Hour: 21:26 1.5 Talaud islands Mw 6.2 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EP		2127	32.06								
BHL	BZ			EP		2127	34.32								

March 31 2006 Hour: 21:46 10.3 Lat: 34.26N Lon: 26.52E Depth: 14 Agency: REL Regional
Magnitudes: 4.6MC REL Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	843	90	EPn		2147	59.56	-0.1							1.0
BHL	BE	843	90	Sn		2149	20.70	0.1							1.0
HWQ	SZ	867	87	EPn		2148	2.49	-0.2	186						1.0
HWQ	SE	867	87	Sn		2149	26.40	0.5							1.0
FKH	SZ	910	87	EPn		2148	8.22	0.3							1.0

FKH	SN	910	87	Sn	2149	34.32	-0.6	1.0
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Epicentral Map of
Lebanon
March 2006

