Republic of Lebanon
National Council for Scientific Research

Provisional Seismological Bulletin

from the

NATIONAL SEISMIC NETWORK

February

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:

$$\mathbf{Mc = 0.08 + 1.63 * \log10(T) + 0.009 * D.}$$

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.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. Geophysical Research Lebanon
MAGNITUDES:	Up to 3 different magnitudes can be given followed by type and 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*(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.

February 1 2006 Hour: 11:52 0.3 Dodecanese Islands M=4.0 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPn		1153	3.92								

February 1 2006 Hour: 12:31 1.6 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPg		1231	16.26								
BHL	SZ			EPg		1231	17.58								
BHL	SE			ESg		1231	32.03								
HWQ	SN			ESg		1231	30.66								

February 1 2006 Hour: 12:46 1.3 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1247	57.35								
HWQ	SZ			EPg		1248	5.01								
FKH	SN			ESg		1248	2.86								
HWQ	SN			ESg		1248	13.62								

February 1 2006 Hour: 12:50 17.1 Lat: 33.76N Lon: 37.13E Depth: 0 Agency: REL Local
Magnitudes: 3.1MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	85	308	EPg		1250	30.67	-0.2	67						1.0
FKH	SN	85	308	ESg		1250	41.13	0.1							1.0
HWQ	SZ	123	298	EPg		1250	37.35	0.4							1.0
HWQ	SE	123	298	ESg		1250	51.52	-0.2							1.0
BHL	SZ	137	277	EPg		1250	39.08	-0.2							1.0
BHL	SN	137	277	ESg		1250	55.75	0.1							1.0

February 1 2006 Hour: 13: 6 0.9 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		13 8	45.21								
FKH	SN			ESg		13 8	50.41								
HWQ	SZ			EPg		13 8	53.83								
HWQ	SE			ESg		13 9	2.49								

February 1 2006 Hour: 13: 8 0.2 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		13 8	45.47								
HWQ	SE			ESg		13 9	2.71								
FKH	SN			ESg		13 8	50.40								
HWQ	SZ			EPg		13 8	53.85								

February 1 2006 Hour: 13:19 1.3 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SN			ESg		1319	54.32								
HWQ	SZ			EPg		1319	55.77								
HWQ	SE			ESg		1320	4.03								
FKH	SZ			EPg		1319	44.59								

February 1 2006 Hour: 13:40 0.6 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1340	52.02								
FKH	SN			ESg		1340	58.74								
HWQ	SE			ESg		1341	8.48								

February 1 2006 Hour: 14:43 47.6 Lat: 34.40N Lon: 36.87E Depth: 0 Agency: REL Local
Magnitudes: 3.4MC REL Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	46	248	EPg		1443	54.12	-0.9	100						1.0
FKH	SE	46	248	ESg		1444	0.51	-0.1							1.0
HWQ	SZ	86	262	EPg		1444	1.67	0.3							1.0
HWQ	SE	86	262	ESg		1444	11.58	0.0							1.0
BHL	SZ	124	244	EPg		1444	8.27	0.6							1.0

BHL	SE	124	244	ESg		1444	22.59	0.1							1.0

February 1 2006 Hour: 18:46 55.4 Fiji M=5.2 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1847	25.74								
FKH	SZ			EP		1847	24.47								

February 2 2006 Hour: 9:48 10.9 Red Sea M=4.6 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		951	28.87								
HWQ	SZ			EP		951	32.30								
FKH	SZ			EP		951	50.68								

February 2 2006 Hour: 11:17 36.1 Lat: 34.54N Lon: 36.90E Depth: 0 Agency: REL Local
Magnitudes: 3.2MC REL Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	57	234	EPg		1117	44.94	-0.4	72						1.0
FKH	SN	57	234	ESg		1117	51.77	-0.3							1.0
HWQ	SZ	93	252	EPg		1117	50.65	-0.4							1.0
HWQ	SE	93	252	ESg		1118	2.11	0.0							1.0
BHL	SZ	135	239	EPg		1117	58.61	0.8							1.0
BHL	SE	135	239	ESg		1118	14.21	0.3							1.0

February 2 2006 Hour: 12:16 1.5 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SE			ESg		1217	24.96								
HWQ	SZ			EPg		1217	26.07								
HWQ	SN			ESg		1217	35.77								
FKH	SZ			EPg		1217	19.76								

February 2 2006 Hour: 13: 3 58.5 Fiji M=6.7 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		13 7	15.06								
FKH	SZ			EP		13 7	14.27								

February 3 2006 Hour: 0: 7 14.0 Lat: 33.58N Lon: 34.90E Depth: 27 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
MATL	SZ	41	104	EPg		0 7	21.67	0.1							1.0
BHL	SZ	78	62	EPg		0 7	26.28	-0.5							1.0
BHL	SN	78	62	ESg		0 7	36.20	0.0							1.0
HWQ	SN	124	51	ESg		0 7	47.80	0.2							1.0
FKH	SZ	156	62	EPg		0 7	38.37	0.3	43						1.0
FKH	SN	156	62	ESg		0 7	55.76	-0.2							1.0

February 3 2006 Hour: 14:38 55.3 Fiji M=5.7 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EP		1439	23.50								
BHL	BZ			EP		1439	25.14								

February 3 2006 Hour: 15: 9 13.5 Lat: 33.63N Lon: 35.02E Depth: 23 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	33	118	EPg		15 9	19.89	0.2	42						1.0
BHL	SZ	67	62	EPg		15 9	24.05	-0.4							1.0
BHL	SN	67	62	ESg		15 9	32.45	-0.1							1.0
HWQ	SZ	112	50	EPg		15 9	31.25	0.1							1.0
HWQ	SE	112	50	ESg		15 9	44.33	0.2							1.0

February 3 2006 Hour: 16:18 59.3 Lat: 35.56N Lon: 35.30E Depth: 0 Agency: REL Regional
Magnitudes: 3.3MC REL Rms: 1.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	154	157	EPn		1619	22.72	-1.9	83						1.0
HWQ	SE	154	157	Sn		1619	41.12	-2.2							1.0
FKH	SZ	178	145	EPn		1619	28.15	0.6							1.0
FKH	SE	178	145	Sn		1619	49.86	1.4							1.0
BHL	SZ	187	170	EPn		1619	29.69	1.1							1.0
BHL	SE	187	170	Sn		1619	51.30	1.0							1.0

February 3 2006 Hour: 20:39 31.2 Andaman Islands M=5.6 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		2043	48.36								

February 4 2006 Hour: 14:46 3.3 Lat: 34.39N Lon: 31.99E Depth: 50 Agency: REL Regional
Magnitudes: 4.0MC REL Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PPCY	SZ	64	31	EPg		1446	14.2	-0.6							1.0
AKMC	SZ	77	24	EPg		1446	16.3	0.0							1.0
SZAC	SZ	92	64	EPg		1446	17.8	-0.2							1.0
ALFC	SZ	102	33	EPg		1446	19.3	0.1							1.0
CSS	SZ	138	62	EPg		1446	24.0	0.3							1.0
MAMC	SZ	142	52	EPg		1446	24.9	0.8							1.0
PHNC	SZ	199	70	EPg		1446	33.4	2.3							1.0
MATL	SZ	325	107	EP		1446	46.82	0.6							1.0
BHL	BZ	342	98	EP		1446	47.52	-0.9							1.0
BHL	BN	342	98	ES		1447	20.98	-0.9							1.0
HWQ	SZ	364	91	EP		1446	51.27	0.1	160						1.0
HWQ	SE	364	91	ES		1447	26.91	0.3							1.0

February 5 2006 Hour: 12:47 59.0 Fiji M=5.1 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1248	22.38								

February 6 2006 Hour: 4: 9 46.7 Caucasus M=5.0 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPn		410	37.08								
HWQ	SZ			EPn		410	30.78								

February 6 2006 Hour: 11:54 14.3 Fiji M=5.0 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1154	32.53								

February 7 2006 Hour: 10:35 51.4 Lat: 34.40N Lon: 36.26E Depth: 17 Agency: REL Local
Magnitudes: 2.6MC REL Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	22	145	EPg		1035	56.01	0.0							1.0
FKH	SN	22	145	ESg		1035	59.46	0.0							1.0
HWQ	SZ	32	245	EPg		1035	57.27	0.0	35						1.0
HWQ	SE	32	245	ESg		1036	1.59	0.0							1.0
BHL	BZ	78	226	EPg		1036	3.94	0.0							1.0

February 7 2006 Hour: 11:31 54.2 Lat: 33.40N Lon: 36.65E Depth: 15 Agency: REL Local
Magnitudes: 3.1MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	95	346	EPg		1132	8.92	-0.2	65						1.0
FKH	SN	95	346	ESg		1132	20.22	0.0							1.0
BHL	SZ	108	301	EPg		1132	11.17	0.1							1.0
BHL	SE	108	301	ESg		1132	23.32	-0.2							1.0
HWQ	SZ	117	326	EPg		1132	12.50	0.1							1.0
HWQ	SN	117	326	ESg		1132	25.98	0.2							1.0

February 7 2006 Hour: 13:28 0.1 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPg		1328	56.09								
BHL	SZ			EPg		1328	55.76								
HWQ	SN			ESg		1329	6.66								
BHL	SE			ESg		1329	5.18								

February 7 2006 Hour: 14:30 1.6 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ			EPg		1430	51.60								
HWQ	SN			ESg		1431	20.28								
BHL	SN			ESg		1431	8.83								
HWQ	SZ			EPg		1431	0.82								

February 7 2006 Hour: 14:40 25.5 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPg		1441	0.23								
HWQ	SN			ESg		1441	6.58								
FKH	SE			ESg		1441	2.52								
FKH	SZ			EPg		1440	57.61								

February 7 2006 Hour: 14:56 53.2 Lat: 33.84N Lon: 36.91E Depth: 14 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	64	313	EPg		1457	3.73	0.1	57						1.0
FKH	SN	64	313	ESg		1457	11.22	-0.1							1.0
HWQ	SZ	101	299	EPg		1457	9.04	-0.1							1.0
HWQ	SN	101	299	ESg		1457	21.04	0.2							1.0
BHL	SZ	117	274	EPg		1457	11.32	0.0							1.0
BHL	SN	117	274	ESg		1457	24.73	0.0							1.0

February 7 2006 Hour: 16: 0 0.3 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		16 0	25.43								
HWQ	SZ			EPg		16 0	27.12								
FKH	SE			ESg		16 0	29.07								
HWQ	SN			ESg		16 0	31.50								

February 7 2006 Hour: 16:22 57.6 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1624	12.91								
HWQ	SZ			EPg		1624	16.52								
FKH	SN			ESg		1624	18.49								
HWQ	SN			ESg		1624	24.45								

February 7 2006 Hour: 16:41 1.4 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1641	55.91								
HWQ	SE			ESg		1642	8.69								
FKH	SN			ESg		1642	0.92								

February 7 2006 Hour: 17:41 45.1 Lat: 33.19N Lon: 35.10E 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
MATL	SZ	39	33	EPg		1741	50.50	-0.9							1.0
BHL	BZ	94	33	EPg		1742	0.95	0.7	52						1.0
BHL	SN	94	33	ESg		1742	11.13	-0.3							1.0
HWQ	SZ	143	33	EPg		1742	8.47	0.2							1.0
HWQ	SE	143	33	ESg		1742	25.71	0.3							1.0

February 9 2006 Hour: 10: 3 59.2 Turkey M=4.0 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPn		10 4	43.71								
BHL	BZ			EPn		10 4	47.03								

February 10 2006 Hour: 14:26 0.0 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		1427	4.22								
HWQ	SZ			EPg		1427	11.08								
BHL	BN			ESg		1427	9.47								
HWQ	SE			ESg		1427	19.47								

February 11 2006 Hour: 12: 8 42.0 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1210	44.71								
HWQ	SZ			EPg		1210	47.96								
FKH	SE			ESg		1210	50.98								
HWQ	SN			ESg		1210	52.83								

February 12 2006 Hour: 5:30 18.4 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		532	0.86								
HWQ	SZ			EPg		532	4.78								
FKH	SN			ESg		532	3.33								
HWQ	SN			ESg		532	9.28								

February 12 2006 Hour: 5:53 59.5 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		556	14.08								
FKH	SN			ESg		556	16.53								
HWQ	SN			ESg		556	22.49								

February 12 2006 Hour: 5:58 28.5 Lat: 34.31N Lon: 36.37E Depth: 19 Agency: REL Local
Magnitudes: 2.5MC REL Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	9	161	EPg		558	32.11	0.0	30						1.0
FKH	SN	9	161	ESg		558	34.66	0.0							1.0
HWQ	SZ	39	265	EPg		558	35.55	0.1							1.0
HWQ	SN	39	265	ESg		558	40.59	0.0							1.0
BHL	BZ	80	236	EPg		558	41.19	-0.1							1.0
BHL	BN	80	236	ESg		558	50.85	0.1							1.0

February 12 2006 Hour: 7:33 18.6 Lat: 34.28N Lon: 36.36E Depth: 18 Agency: REL Local
Magnitudes: 2.4MC REL Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	7	140	EPg		733	21.94	0.0	27						1.0
FKH	SN	7	140	ESg		733	24.44	0.0							1.0
HWQ	SZ	38	270	EPg		733	25.35	0.0							1.0
HWQ	SN	38	270	ESg		733	30.33	0.0							1.0
BHL	BZ	77	237	EPg		733	31.02	0.0							1.0
BHL	BN	77	237	ESg		733	40.14	0.0							1.0

February 12 2006 Hour: 11:28 26.2 Lat: 34.28N Lon: 36.35E Depth: 18 Agency: REL Local
Magnitudes: 2.6MC REL Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	6	137	EPg		1128	29.44	0.1	35						1.0
FKH	SN	6	137	ESg		1128	31.69	0.0							1.0
HWQ	SZ	38	270	EPg		1128	32.91	0.1							1.0
HWQ	SN	38	270	ESg		1128	37.66	-0.1							1.0
BHL	BZ	77	237	EPg		1128	38.28	-0.2							1.0
BHL	BN	77	237	ESg		1128	47.67	0.1							1.0

February 12 2006 Hour: 12:11 9.9 Lat: 33.65N Lon: 35.44E Depth: 28 Agency: REL Local
Magnitudes: 2.5MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	20	209	EPg		1211	15.14	-0.1							1.0
BHL	BZ	35	35	EPg		1211	17.31	0.3	29						1.0
BHL	BN	35	35	ESg		1211	22.19	0.0							1.0
HWQ	SZ	85	34	EPg		1211	23.69	0.0							1.0
HWQ	SE	85	34	ESg		1211	33.54	-0.2							1.0

February 12 2006 Hour: 13:47 1.3 Lat: 33.71N Lon: 37.03E Depth: 0 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	82	315	EPg		1347	14.23	-0.4	80						1.0
FKH	SN	82	315	ESg		1347	24.56	0.1							1.0
HWQ	SZ	118	302	EPg		1347	20.74	0.3							1.0
HWQ	SE	118	302	ESg		1347	34.52	-0.1							1.0
BHL	SZ	130	280	EPg		1347	22.31	0.1							1.0
BHL	SN	130	280	ESg		1347	37.59	-0.1							1.0

February 12 2006 Hour: 14:12 13.4 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1412	39.78								
HWQ	SE			ESg		1412	48.25								
FKH	SN			ESg		1412	42.31								
HWQ	SZ			EPg		1412	43.81								

February 12 2006 Hour: 14:18 1.2 Lat: 34.26N Lon: 36.35E Depth: 17 Agency: REL Local
Magnitudes: 2.4MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	5	119	EPg		1418	4.05	-0.2	26						1.0
FKH	SN	5	119	ESg		1418	6.59	0.1							1.0
HWQ	SZ	37	273	EPg		1418	8.11	0.3							1.0
HWQ	SN	37	273	ESg		1418	12.48	-0.2							1.0
BHL	BZ	75	239	EPg		1418	13.19	-0.1							1.0
BHL	BN	75	239	ESg		1418	22.33	0.1							1.0

February 12 2006 Hour: 14:40 50.1 Lat: 34.35N Lon: 36.87E Depth: 0 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	45	253	EPg		1440	56.51	-0.9	59						1.0
FKH	SE	45	253	ESg		1441	2.18	-0.6							1.0
HWQ	SZ	86	265	EPg		1441	4.16	0.3							1.0
HWQ	SE	86	265	ESg		1441	14.39	0.3							1.0
BHL	SZ	123	246	EPg		1441	10.49	0.6							1.0
BHL	SE	123	246	ESg		1441	24.93	0.4							1.0

February 13 2006 Hour: 10:57 1.4 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BE			ESg		1057	47.14								
HWQ	SZ			EPg		1057	48.41								
HWQ	SE			ESg		1057	58.54								
BHL	BZ			EPg		1057	41.89		53						

February 13 2006 Hour: 11:31 1.1 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1131	48.74								
HWQ	SZ			EPg		1131	51.05								
FKH	SE			ESg		1131	52.27								
HWQ	SN			ESg		1131	55.93								

February 13 2006 Hour: 13:39 43.8 Lat: 34.49N Lon: 36.88E Depth: 0 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	52	238	EPg		1339	51.48	-0.8	50						1.0
FKH	SE	52	238	ESg		1339	58.02	-0.5							1.0
HWQ	SZ	89	255	EPg		1339	58.43	0.2							1.0
HWQ	SE	89	255	ESg		1340	8.58	-0.3							1.0
BHL	SZ	131	241	EPg		1340	5.48	0.6							1.0
BHL	SN	131	241	ESg		1340	21.26	0.8							1.0

February 13 2006 Hour: 14: 8 0.5 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			IPg		14 9	24.99								
HWQ	SN			ISg		14 9	33.42								
FKH	SN			ISg		14 9	27.48								
HWQ	SZ			EPg		14 9	28.38								

February 14 2006 Hour: 1: 2 47.2 Sikkim India M=5.7 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1 3	43.26								

February 14 2006 Hour: 15:37 17.8 Mariana Islands M=6.3 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP	D	1551	11.18								

February 18 2006 Hour: 16:11 58.7 New Britain M=6.2 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1619	10.81								

February 18 2006 Hour: 16:41 24.7 Lat: 34.79N Lon: 36.35E Depth: 5 Agency: REL Local
Magnitudes: 3.2MC REL Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	62	176	EPg		1641	34.60	-0.1	72						1.0
FKH	SN	62	176	ESg		1641	42.23	0.1							1.0
HWQ	SZ	68	213	EPg		1641	35.83	0.1							1.0
HWQ	SE	68	213	ESg		1641	43.78	-0.1							1.0
BHL	SN	117	213	ESg		1641	57.69	0.0							1.0

February 18 2006 Hour: 22:47 1.8 Lat: 33.10N Lon: 35.30E Depth: 33 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	43	4	EPg		2247	10.18	0.0							1.0
BHL	BZ	95	20	EPg		2247	17.34	0.1	55						1.0
HWQ	SZ	143	24	EPg		2247	24.35	0.2							1.0
HWQ	SE	143	24	ESg		2247	40.45	-0.3							1.0
FKH	SZ	162	39	EPg		2247	26.58	-0.3							1.0
FKH	SN	162	39	ESg		2247	45.68	0.3							1.0

February 19 2006 Hour: 11:22 1.1 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SE			ESg		1122	54.79								
HWQ	SZ			EPg		1122	43.42								
HWQ	SN			ESg		1122	57.07								
BHL	SZ			EPg		1122	41.09								

February 19 2006 Hour: 12:25 2.9 Lat: 34.42N Lon: 36.86E 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	47	245	EPg		1225	10.15	-0.3	58						1.0
FKH	SN	47	245	ESg		1225	15.43	-0.6							1.0
HWQ	SZ	85	260	EPg		1225	16.38	-0.3							1.0
HWQ	SE	85	260	ESg		1225	27.14	0.2							1.0
BHL	SZ	125	243	EPg		1225	23.63	0.6							1.0

BHL	SN	125	243	ESg		1225	38.27	0.3								1.0

February 19 2006 Hour: 14:25 51.4 Lat: 34.33N Lon: 36.85E 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	43	255	EPg		1425	57.60	-0.7	57						1.0
FKH	SE	43	255	ESg		1426	3.30	-0.1							1.0
HWQ	SZ	84	266	EPg		1426	5.05	0.2							1.0
HWQ	SE	84	266	ESg		1426	14.97	0.1							1.0
BHL	SZ	120	247	EPg		1426	11.33	0.5							1.0

February 19 2006 Hour: 14:39 36.6 Lat: 34.48N Lon: 36.88E 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	51	238	EPg		1439	44.38	-0.5	55						1.0
FKH	SN	51	238	ESg		1439	51.29	0.3							1.0
HWQ	SZ	89	256	EPg		1439	51.43	0.6							1.0
HWQ	SN	89	256	ESg		1440	1.08	-0.3							1.0
BHL	SZ	130	241	EPg		1439	57.41	-0.1							1.0
BHL	SN	130	241	ESg		1440	13.01	0.1							1.0

February 20 2006 Hour: 10:38 38.7 Lat: 34.46N Lon: 36.92E Depth: 0 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	54	243	EPg		1038	47.10	-0.4	68						1.0
FKH	SE	54	243	ESg		1038	53.38	-0.5							1.0
HWQ	SZ	92	258	EPg		1038	53.95	0.4							1.0
HWQ	SE	92	258	ESg		1039	4.39	-0.2							1.0
BHL	SN	132	243	ESg		1039	16.57	0.7							1.0

February 20 2006 Hour: 12:23 49.7 Lat: 33.22N Lon: 35.30E Depth: 0 Agency: REL Local
Magnitudes: 3.2MC REL Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	30	6	IPg		1223	54.47	0.0							1.0
BHL	BZ	82	24	EPg		1224	2.92	-0.1							1.0
BHL	SN	82	24	ESg		1224	12.74	-0.1							1.0
HWQ	SZ	131	27	IPg		1224	10.91	0.0	70						1.0
HWQ	SN	131	27	ISg		1224	26.64	0.1							1.0

February 20 2006 Hour: 15:34 30.2 Lat: 34.38N Lon: 36.84E Depth: 0 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	44	248	EPg		1534	36.53	-0.7	54						1.0
FKH	SE	44	248	ESg		1534	42.53	0.0							1.0
HWQ	SZ	83	262	EPg		1534	43.85	0.2							1.0
HWQ	SN	83	262	ESg		1534	53.58	0.0							1.0
BHL	SZ	122	245	EPg		1534	50.38	0.5							1.0

February 20 2006 Hour: 18: 4 38.4 Lat: 34.05N Lon: 35.57E Depth: 42 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	BN	18	155	ESg		18 4	50.48	0.0							1.0
HWQ	SE	43	53	ESg		18 4	54.13	0.0							1.0
MATL	SZ	66	200	EPg		18 4	49.88	0.0	43						1.0
FKH	SZ	79	75	EPg		18 4	51.45	-0.1							1.0
FKH	SE	79	75	ESg		18 5	1.32	0.1							1.0

February 20 2006 Hour: 19:33 54.3 Iran M=4.8 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPn		1934	43.43								

February 21 2006 Hour: 0:40 23.9 Lat: 36.17N Lon: 35.91E Depth: 14 Agency: REL Regional
Magnitudes: 4.0MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	210	179	EPg		040	55.17	-0.6							1.0
HWQ	SN	210	179	ESg		041	18.97	-0.4							1.0
FKH	SZ	219	168	EPg		040	57.28	0.2							1.0
FKH	SN	219	168	ESg		041	21.87	0.2							1.0
BHL	BZ	252	185	EPn		041	0.23	0.3	179						1.0
BHL	BE	252	185	Sn		041	27.00	0.4							1.0
MATL	SZ	302	190	EPn		041	5.92	-0.1							1.0

February 21 2006 Hour: 12:18 22.7 Lat: 33.53N Lon: 36.47E Depth: 0 Agency: REL Local
Magnitudes: 3.1MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	79	355	EPg		1218	35.01	-0.4	63						1.0
FKH	SN	79	355	ESg		1218	45.01	0.1							1.0
BHL	SZ	87	299	EPg		1218	36.90	0.2							1.0
BHL	SN	87	299	ESg		1218	46.84	-0.2							1.0
HWQ	SZ	97	330	EPg		1218	38.58	0.3							1.0
HWQ	SE	97	330	ESg		1218	49.84	0.0							1.0

February 21 2006 Hour: 14:12 54.3 Lat: 34.48N Lon: 36.85E Depth: 0 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	50	237	EPg		1413	1.98	-0.3	54						1.0
FKH	SE	50	237	ESg		1413	7.12	-1.1							1.0
HWQ	SZ	87	255	EPg		1413	8.53	0.3							1.0
HWQ	SN	87	255	ESg		1413	18.08	-0.5							1.0
BHL	SN	128	240	ESg		1413	31.61	1.5							1.0

February 21 2006 Hour: 16:31 45.0 Lat: 34.32N Lon: 36.13E Depth: 20 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	17	255	EPg		1631	49.40	0.0	45						1.0
HWQ	SE	17	255	ESg		1631	52.63	0.0							1.0
FKH	SE	27	110	ESg		1631	54.45	0.0							1.0
BHL	SE	63	224	ESg		1632	3.15	0.0							1.0

February 21 2006 Hour: 17: 4 30.6 Lat: 33.37N Lon: 35.00E Depth: 14 Agency: REL Local
Magnitudes: 3.1MC REL Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	34	66	EPg		17 4	36.33	-0.2							1.0
BHL	BZ	85	45	EPg		17 4	44.11	0.0							1.0
BHL	BE	85	45	ESg		17 4	53.98	-0.2							1.0
HWQ	SZ	134	41	EPg		17 4	51.45	0.1	62						1.0
HWQ	SN	134	41	ESg		17 5	6.59	0.0							1.0
FKH	SZ	162	53	EPg		17 4	55.51	0.1							1.0
FKH	SN	162	53	ESg		17 5	13.97	0.2							1.0

February 22 2006 Hour: 5:38 19.1 Lat: 34.88N Lon: 26.75E Depth: 0 Agency: REL Regional
Magnitudes: 4.7MC REL Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AKMC	SZ	509	87	EP		539	27.70	-0.4							1.0
PPCY	SZ	511	88	EP		539	28.00	-0.2							1.0
ALFC	SZ	534	85	EP		539	30.60	-0.5							1.0
ALFC	SZ	534	85	Es		540	23.90	-0.4							1.0
SZAC	SZ	561	90	EP		539	34.40	0.1							1.0
SZAC	SZ	561	90	Es		540	30.80	0.9							1.0
MAMC	SZ	591	85	EP		539	37.70	-0.2							1.0
CSS	SZ	601	87	EP		539	38.90	-0.2							1.0
CSS	SZ	601	87	Es		540	39.20	0.8							1.0
PHNC	SZ	665	87	EP		539	50.30	3.4							1.0
MATL	SZ	805	99	EP		540	2.24	-1.2							1.0

BHL	SZ	825	95	EP		540	6.00	0.1	234						1.0
BHL	SE	825	95	ES		541	25.53	0.5							1.0
HWQ	SZ	846	92	EP		540	8.79	0.4							1.0
HWQ	SN	846	92	ES		541	29.84	0.6							1.0
FKH	SZ	888	92	EPn		540	14.79	-0.8							1.0
FKH	SE	888	92	Sn		541	39.24	-2.5							1.0

February 22 2006 Hour: 12:16 6.1 Lat: 33.61N Lon: 36.58E Depth: 64 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	71	346	EPg		1216	18.79	-0.7	62						1.0
FKH	SE	71	346	ESg		1216	29.76	0.4							1.0
BHL	BZ	92	291	EPg		1216	21.18	-0.4							1.0
BHL	BN	92	291	ESg		1216	32.85	-0.2							1.0
HWQ	SZ	95	322	EPg		1216	22.31	0.4							1.0
HWQ	SE	95	322	ESg		1216	33.51	-0.1							1.0
MATL	SZ	117	264	EPg		1216	24.73	0.5							1.0

February 22 2006 Hour: 13:39 0.3 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1339	48.99								
HWQ	SZ			EPg		1339	52.12								
FKH	SN			ESg		1339	55.18								
HWQ	SE			ESg		1339	57.42								

February 22 2006 Hour: 22:17 45.1 Mozambique M=7.5 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		2228	40.18								
HWQ	SZ			EP		2228	43.00								
FKH	SZ			EP		2228	43.90								

February 23 2006 Hour: 11:46 22.7 Lat: 34.34N Lon: 36.84E Depth: 0 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	42	255	EPg		1146	28.83	-0.7	52						1.0
FKH	SN	42	255	ESg		1146	34.53	0.0							1.0
HWQ	SZ	83	266	EPg		1146	36.35	0.3							1.0
HWQ	SE	83	266	ESg		1146	45.89	0.0							1.0
BHL	SZ	119	247	EPg		1146	42.38	0.4							1.0

February 23 2006 Hour: 14:15 1.2 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1416	12.54								
HWQ	SZ			EPg		1416	19.20								
FKH	SE			ESg		1416	17.87								
HWQ	SN			ESg		1416	27.85								

February 23 2006 Hour: 15: 4 3.7 Lat: 33.81N Lon: 36.87E Depth: 0 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	64	318	EPg		15 4	13.95	0.0	55						1.0
FKH	SN	64	318	ESg		15 4	21.63	0.0							1.0
HWQ	SZ	100	302	EPg		15 4	20.16	0.4							1.0
HWQ	SE	100	302	ESg		15 4	31.58	-0.1							1.0
BHL	BZ	113	276	EPg		15 4	21.39	-0.5							1.0
BHL	BN	113	276	ESg		15 4	35.52	0.1							1.0
MATL	SZ	147	256	EPg		15 4	27.61	0.2							1.0

February 23 2006 Hour: 20:13 3.5 India M=5.6 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		2013	36.57								

February 24 2006 Hour: 14:33 30.1 Fiji M=6.0 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1434	13.92								
FKH	SZ			EP		1434	12.29								

February 24 2006 Hour: 21:16 0.8 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		2116	50.93								
BHL	BN			ESg		2116	54.00								
HWQ	SE			ESg		2117	3.49								

February 26 2006 Hour: 3:26 3.7 Fiji M=6.4 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		327	8.20								
FKH	SZ			EP		327	11.08								

February 26 2006 Hour: 4:47 24.6 Fiji M=5.6 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		448	20.95								

February 26 2006 Hour: 11:55 1.7 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		1155	26.72								
HWQ	SZ			EPg		1155	27.00								
BHL	BN			ESg		1155	38.71								
HWQ	SE			ESg		1155	39.86								

February 26 2006 Hour: 12:28 1.5 Iran M=4.7 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1228	32.32								

February 26 2006 Hour: 12:48 2.5 Lat: 34.35N Lon: 36.95E Depth: 0 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	52	256	EPg		1248	10.65	-0.2	56						1.0
FKH	SN	52	256	ESg		1248	16.10	-0.9							1.0
HWQ	SZ	93	265	EPg		1248	18.44	1.0							1.0
HWQ	SE	93	265	ESg		1248	28.31	-0.1							1.0
BHL	SZ	129	248	EPg		1248	22.39	-0.9							1.0
BHL	SN	129	248	ESg		1248	39.76	1.1							1.0

February 26 2006 Hour: 21:42 25.7 Sumatra M=5.4 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		2143	3.90								

February 27 2006 Hour: 9:50 15.6 Lat: 33.79N Lon: 37.19E Depth: 33 Agency: REL Local
Magnitudes: 3.2MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	88	305	EPg		950	29.96	0.0	69						1.0
FKH	SE	88	305	ESg		950	41.02	0.3							1.0
HWQ	SZ	127	296	EPg		950	35.66	0.1							1.0
HWQ	SN	127	296	ESg		950	49.67	-0.6							1.0
BHL	SZ	142	276	EPg		950	37.77	0.0							1.0
BHL	SN	142	276	ESg		950	54.46	0.2							1.0

February 28 2006 Hour: 0:50 14.0 Tonga M=5.4 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EP		052	27.90								
BHL	BZ			EP		052	28.89								

February 28 2006 Hour: 2:56 21.6 S Indian Ocean M=5.2 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		256	36.98								

February 28 2006 Hour: 7:29 8.5 Iran M=6.0 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPn		735	20.63								
HWQ	SZ			EPn		735	24.05								
BHL	BZ			EPn		735	24.58								
MATL	SZ			EPn		735	29.90								

February 28 2006 Hour: 11: 6 44.6 Lat: 33.63N Lon: 35.86E Depth: 0 Agency: REL Local
Magnitudes: 3.1MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	35	328	EPg		11 6	50.20	-0.1							1.0
BHL	BN	35	328	ESg		11 6	54.49	-0.1							1.0
HWQ	SZ	72	6	EPg		11 6	56.32	0.1	61						1.0
HWQ	SE	72	6	ESg		11 7	4.97	0.2							1.0
FKH	SZ	83	37	EPg		11 6	58.21	0.1							1.0
FKH	SE	83	37	ESg		11 7	7.77	-0.3							1.0

February 28 2006 Hour: 12:52 57.3 Lat: 34.39N Lon: 36.78E 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	39	243	EPg		1253	2.87	-0.7	54						1.0
FKH	SE	39	243	ESg		1253	7.92	-0.2							1.0
HWQ	SZ	78	261	EPg		1253	10.44	0.7							1.0
HWQ	SN	78	261	ESg		1253	18.69	-0.4							1.0
BHL	SN	117	243	ESg		1253	30.67	0.6							1.0

February 28 2006 Hour: 13:21 1.0 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1321	30.84								
HWQ	SE			ESg		1321	48.42								
FKH	SN			ESg		1321	36.23								
HWQ	SZ			EPg		1321	37.44								

February 28 2006 Hour: 15: 5 49.4 Lat: 34.44N Lon: 36.85E Depth: 0 Agency: REL Local
Magnitudes: 2.9MC REL Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	47	242	EPg		15 5	56.84	-0.2	52						1.0
FKH	SE	47	242	ESg		15 6	1.96	-0.7							1.0
HWQ	SZ	85	258	EPg		15 6	3.15	0.0							1.0
HWQ	SN	85	258	ESg		15 6	13.34	0.0							1.0
BHL	SZ	125	242	EPg		15 6	9.85	0.2							1.0
BHL	SN	125	242	ESg		15 6	25.35	0.7							1.0

Epicentral Map of Lebanon

February 2006

Magnitudes

- Ml = 2
- Ml = 3
- Ml = 4
- Ml = 5