

Republic of Lebanon
National Council for Scientific Research

Provisional Seismological Bulletin

from the

NATIONAL SEISMIC NETWORK

April

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.

April 1 2006 Hour: 9:13 10.6 Lat: 33.27N Lon: 35.12E Depth: 14 Agency: REL Local
Magnitudes: 3.2MC REL Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	31	39	IPg		913	16.54	0.5							1.0
BHL	SZ	86	35	EPg		913	23.85	-0.7							1.0
BHL	SN	86	35	ESg		913	34.20	-0.8							1.0
HWQ	SZ	135	34	EPg		913	32.49	0.0	65						1.0
HWQ	SN	135	34	ESg		913	49.09	0.4							1.0

April 1 2006 Hour: 10:12 26.8 Taiwan 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		1013	56.69								

April 1 2006 Hour: 22:21 28.3 Lat: 34.90N Lon: 37.08E Depth: 0 Agency: REL Local
Magnitudes: 3.4MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	96	220	EPg		2221	43.78	0.0	90						1.0
FKH	SE	96	220	ESg		2221	54.97	-0.3							1.0
HWQ	SZ	124	237	EPg		2221	48.33	0.0							1.0
HWQ	SN	124	237	ESg		2222	2.80	-0.4							1.0
BHL	SE	171	230	ESg		2222	16.88	0.6							1.0

April 2 2006 Hour: 11:40 0.9 Lat: 34.04N Lon: 36.81E Depth: 0 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
FKH	SZ	43	300	EPg		1140	7.60	-0.3	49						1.0
FKH	SE	43	300	ESg		1140	13.29	0.2							1.0
HWQ	SZ	84	288	EPg		1140	14.80	0.3							1.0
HWQ	SE	84	288	ESg		1140	24.31	-0.2							1.0
BHL	SZ	108	262	EPg		1140	18.34	0.0							1.0

April 2 2006 Hour: 12: 9 6.3 Lat: 34.40N Lon: 36.82E 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	42	245	EPg		12 9	12.67	-0.4	56						1.0
FKH	SN	42	245	ESg		12 9	17.65	-0.5							1.0
HWQ	SZ	81	261	EPg		12 9	19.43	0.0							1.0
HWQ	SN	81	261	ESg		12 9	29.16	0.1							1.0
BHL	SZ	120	243	EPg		12 9	26.14	0.4							1.0
BHL	SN	120	243	ESg		12 9	40.53	0.4							1.0

April 2 2006 Hour: 12:58 27.7 Lat: 34.40N Lon: 36.89E Depth: 0 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	48	248	EPg		1258	35.20	-0.3	46						1.0
FKH	SN	48	248	ESg		1258	40.73	-0.5							1.0
HWQ	SZ	88	261	EPg		1258	41.92	0.1							1.0
HWQ	SN	88	261	ESg		1258	52.41	0.1							1.0
BHL	SZ	126	245	EPg		1258	48.28	0.2							1.0
BHL	SN	126	245	ESg		1259	3.62	0.5							1.0

April 3 2006 Hour: 7:27 19.4 Lat: 34.24N Lon: 35.32E Depth: 0 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
BHL	SZ	48	140	IPg		727	27.31	0.2	41						1.0
BHL	SE	48	140	ISg		727	32.62	-0.1							1.0
HWQ	SZ	58	85	IPg		727	28.70	0.1							1.0
HWQ	SN	58	85	ISg		727	35.43	-0.1							1.0
FKH	SZ	99	90	IPg		727	35.10	-0.3							1.0
FKH	SN	99	90	ISg		727	47.45	0.2							1.0

April 4 2006 Hour: 5:24 0.2 Cyprus Region ML 3.8 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SN			Sn		525	47.82								
BHL	SE			Sn		525	42.18								
HWQ	SZ			EPn		525	12.18								

April 4 2006 Hour: 9:37 1.4 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ			EPg		937	24.54								
HWQ	SZ			EPg		937	28.27								
BHL	SE			ESg		937	35.07								
HWQ	SE			ESg		937	38.09								

April 4 2006 Hour: 13:59 52.8 Lat: 33.76N Lon: 36.22E 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
BHL	SZ	55	288	EPg		14	0	1.28	-0.4						1.0
BHL	SN	55	288	ESg		14	0	7.89	-0.3						1.0
FKH	SZ	56	18	EPg		14	0	2.07	0.3	49					1.0
FKH	SE	56	18	ESg		14	0	7.80	-0.7						1.0
HWQ	SZ	63	337	EPg		14	0	3.80	0.8						1.0
HWQ	SN	63	337	ESg		14	0	10.80	0.3						1.0

April 4 2006 Hour: 21:52 43.2 Dodecanese Islands ML 3.6 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPn		2153	37.78								
BHL	BE			Sn		2154	50.43								
HWQ	SE			Sn		2154	55.56								

April 4 2006 Hour: 22:4 6.4 Ionian Sea Mw 5.5 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPn		22	7	59.97							

April 5 2006 Hour: 0:4 1.1 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ			IPg		0	5	54.70							
HWQ	SZ			EPg		0	6	0.26							
BHL	SE			ISg		0	5	58.08							
HWQ	SN			ESg		0	6	10.40							

April 5 2006 Hour: 4:45 48.3 Lat: 34.25N Lon: 35.28E Depth: 0 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	52	138	EPg		445	56.09	-0.6							1.0
BHL	SE	52	138	ESg		446	3.00	0.2							1.0
HWQ	SZ	61	87	EPg		445	58.49	0.3	46						1.0
HWQ	SN	61	87	ESg		446	5.43	-0.1							1.0

April 5 2006 Hour: 8:16 47.6 Lat: 34.62N Lon: 33.88E Depth: 32 Agency: REL Regional
Magnitudes: 3.3MC REL Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHNC	SZ	45	17	IPg		816	56.50	0.5							1.0
PHNC	SZ	45	17	ISg		817	01.70	-0.6							1.0
CSS	SZ	63	307	IPg		816	58.80	0.3							1.0
CSS	SZ	63	307	ISg		817	06.40	-0.1							1.0
MAMC	SZ	86	315	IPg		817	01.80	0.1							1.0
SZAC	SZ	93	280	IPg		817	03.50	0.9							1.0
SZAC	SZ	93	280	ISg		817	15.00	1.3							1.0
ALFC	SZ	132	297	IPg		817	07.50	-0.7							1.0
ALFC	SZ	132	297	ISg		817	22.00	-1.4							1.0
PPCY	SZ	144	282	IPg		817	10.10	0.2							1.0
BHL	BZ	181	115	EPn		817	12.95	-0.4							1.0
BHL	BN	181	115	Sn		817	31.20	-1.2							1.0

MATL	SZ	183	133	EPn		817	11.83	-1.7								1.0
HWQ	SZ	193	101	EPn		817	16.02	1.2	78							1.0
HWQ	SN	193	101	Sn		817	36.87	1.8								1.0

April 5 2006 Hour: 10:26 36.2 Lat: 34.05N Lon: 35.49E Depth: 30 Agency: REL Local
Magnitudes: 2.3MC REL Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	22	138	EPg		1026	41.56	-0.6	22						1.0
BHL	SN	22	138	ESg		1026	46.81	0.3							1.0
HWQ	SZ	49	59	EPg		1026	45.06	-0.1							1.0
HWQ	SN	49	59	ESg		1026	51.70	0.0							1.0

April 5 2006 Hour: 17:36 0.7 Iran Iraq border ML 4.1 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPn		1737	22.98								
HWQ	SN			Sn		1738	17.66								
BHL	SN			Sn		1738	24.12								

April 6 2006 Hour: 10:28 41.9 Lat: 33.65N Lon: 36.54E Depth: 73 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	67	349	EPg		1028	55.11	-0.4							1.0
FKH	SE	67	349	ESg		1029	5.70	0.1							1.0
BHL	SE	87	290	ESg		1029	8.40	-0.5							1.0
HWQ	SZ	89	322	EPg		1028	57.92	0.3	44						1.0
HWQ	SE	89	322	ESg		1029	9.73	0.4							1.0

April 6 2006 Hour: 10:37 10.6 Lat: 33.23N Lon: 35.20E Depth: 23 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
MATL	SZ	31	23	IPg		1037	16.83	0.2							1.0
BHL	SZ	86	29	EPg		1037	24.08	-0.3							1.0
BHL	SN	86	29	ESg		1037	34.17	-0.4							1.0
HWQ	SZ	135	31	EPg		1037	31.45	-0.1	55						1.0
HWQ	SE	135	31	ESg		1037	47.62	0.5							1.0

April 6 2006 Hour: 11:2 51.1 Lat: 33.81N Lon: 35.51E Depth: 105 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
BHL	SZ	17	52	EPg		11 3	4.94	-0.3	38						1.0
BHL	SN	17	52	ESg		11 3	15.80	0.1							1.0
HWQ	SZ	65	38	EPg		11 3	7.70	0.3							1.0
HWQ	SE	65	38	ESg		11 3	19.40	-0.2							1.0

April 6 2006 Hour: 12:4 59.4 Lat: 34.02N Lon: 36.79E Depth: 0 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
FKH	SZ	43	305	EPg		12 5	6.24	-0.1	55						1.0
FKH	SN	43	305	ESg		12 5	11.23	-0.2							1.0
HWQ	SZ	83	291	EPg		12 5	13.02	0.3							1.0
HWQ	SE	83	291	ESg		12 5	22.73	0.2							1.0
BHL	SZ	105	264	EPg		12 5	16.13	-0.2							1.0

April 6 2006 Hour: 13:1 1.6 Lat: 34.36N Lon: 36.81E Depth: 13 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
FKH	SZ	40	250	EPg		13 1	8.23	-0.3	48						1.0
FKH	SE	40	250	ESg		13 1	13.85	0.2							1.0
HWQ	SZ	80	264	EPg		13 1	15.09	0.3							1.0
HWQ	SN	80	264	ESg		13 1	24.35	-0.2							1.0
BHL	SZ	118	245	EPg		13 1	20.84	0.0							1.0

April 6 2006 Hour: 15:53 0.5 Turkey ML 3.5 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPn		1553	51.29								
HWQ	SE			Sn		1554	29.27								
FKH	SZ			EPn		1553	54.07								
BHL	SZ			EPn		1553	54.82								
FKH	SN			Sn		1554	33.09								

April 7 2006 Hour: 10:38 0.5 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1039	15.06								
HWQ	SZ			EPg		1039	17.76								
FKH	SE			ESg		1039	19.98								
HWQ	SE			ESg		1039	23.99								

April 7 2006 Hour: 14:35 27.7 Lat: 35.76N Lon: 35.20E Depth: 27 Agency: REL Regional
Magnitudes: 3.8MC REL Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	178	157	EP		1435	52.66	-0.8	150						1.0
HWQ	SE	178	157	ES		1436	11.83	-0.7							1.0
FKH	SZ	202	147	EP		1435	55.79	-0.6							1.0
FKH	SE	202	147	ES		1436	17.93	0.3							1.0
BHL	BZ	210	168	EP		1436	1.46	4.1							1.0
BHL	BE	210	168	ES		1436	18.29	-1.1							1.0

April 7 2006 Hour: 16:50 32.7 Lat: 33.31N Lon: 35.33E Depth: 33 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
MATL	SZ	19	359	IPg		1650	39.80	1.2							1.0
BHL	SZ	72	24	IPg		1650	43.67	-1.2	54						1.0
BHL	SE	72	24	ISg		1650	52.75	-1.1							1.0
HWQ	SZ	121	28	IPg		1650	52.02	0.2							1.0
HWQ	SN	121	28	ISg		1651	6.77	0.8							1.0

April 8 2006 Hour: 10:14 6.3 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SE			ESg		1014	38.49								
HWQ	SZ			EPg		1014	27.26								
HWQ	SE			ESg		1014	42.72								
FKH	SZ			EPg		1014	24.79								

April 8 2006 Hour: 10:54 0.8 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1054	50.32								
HWQ	SZ			EPg		1054	57.90								
HWQ	SE			ESg		1055	6.13								
FKH	SE			ESg		1054	55.69								

April 8 2006 Hour: 11:14 0.4 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1115	5.42								
HWQ	SZ			EPg		1115	9.86								
FKH	SN			ESg		1115	15.66								
HWQ	SN			ESg		1115	24.00								

April 8 2006 Hour: 11:22 0.9 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1122	32.33								
FKH	SN			ESg		1122	37.80								
HWQ	SZ			EPg		1122	39.49								
HWQ	SN			ESg		1122	49.03								

April 8 2006 Hour: 11:27 13.7 Lat: 33.32N Lon: 35.20E Depth: 0 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	23	32	IPg		1127	17.06	-0.3	47						1.0
HWQ	SZ	127	33	IPg		1127	34.72	0.5							1.0
HWQ	SE	127	33	ISg		1127	49.29	-0.1							1.0

April 8 2006 Hour: 11:36 29.2 Lat: 33.29N Lon: 35.10E Depth: 0 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	31	43	EPg		1136	33.92	-0.2							1.0
BHL	BZ	86	37	EPg		1136	43.13	0.2							1.0
BHL	BN	86	37	ESg		1136	52.87	-0.3							1.0
HWQ	SZ	135	35	EPg		1136	51.06	0.1	53						1.0
HWQ	SN	135	35	ESg		1137	7.34	0.3							1.0

April 8 2006 Hour: 11:48 56.6 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1149	24.52								
HWQ	SZ			EPg		1149	31.88								
FKH	SE			ESg		1149	30.00								
HWQ	SN			ESg		1149	40.59								

April 8 2006 Hour: 12:26 1.7 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1226	56.24								
HWQ	SZ			EPg		1227	3.35								
FKH	SN			ESg		1227	0.82								
HWQ	SN			ESg		1227	12.08								

April 8 2006 Hour: 13:12 12.0 Lat: 34.35N Lon: 36.53E Depth: 7 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	18	223	IPg		1312	15.52	0.4	37						1.0
FKH	SE	18	223	ISg		1312	17.34	-0.2							1.0
HWQ	SZ	55	261	EPg		1312	20.86	0.0							1.0
HWQ	SE	55	261	ESg		1312	27.53	0.0							1.0
BHL	SZ	95	239	EPg		1312	27.43	0.0							1.0
BHL	SN	95	239	ESg		1312	38.85	0.0							1.0

April 8 2006 Hour: 13:47 1.4 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1347	45.44								
HWQ	SZ			EPg		1347	53.11								
FKH	SN			ESg		1347	51.75								
HWQ	SE			ESg		1348	2.90								

April 8 2006 Hour: 18:28 13.0 Lat: 34.23N Lon: 35.35E Depth: 10 Agency: REL Local
Magnitudes: 3.3MC REL Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	46	142	IPg		1828	20.55	0.0							1.0
BHL	BE	46	142	ISg		1828	26.11	-0.1							1.0
HWQ	SZ	56	84	IPg		1828	22.18	0.1	92						1.0
HWQ	SN	56	84	ISg		1828	28.90	0.0							1.0
MATL	SZ	82	181	IPg		1828	26.51	0.2							1.0
FKH	SZ	97	89	IPg		1828	28.54	-0.2							1.0
FKH	SN	97	89	ISg		1828	40.62	0.2							1.0

April 8 2006 Hour: 19:21 41.7 Lat: 34.22N Lon: 35.38E Depth: 13 Agency: REL Local
Magnitudes: 3.2MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	43	143	IPg		1921	49.01	-0.1	81						1.0
BHL	BE	43	143	ISg		1921	54.72	0.2							1.0
HWQ	SZ	53	83	IPg		1921	50.48	-0.1							1.0
HWQ	SN	53	83	ISg		1921	57.51	0.3							1.0
MATL	SZ	81	183	IPg		1921	54.99	0.0							1.0
FKH	SZ	95	89	IPg		1921	56.98	-0.2							1.0
FKH	SE	95	89	ISg		1922	8.48	-0.1							1.0
CSS	SZ	205	294	EPn		1922	12.10	0.2							1.0

April 8 2006 Hour: 19:55 58.1 Lat: 34.24N Lon: 35.32E Depth: 0 Agency: REL Local
Magnitudes: 2.6MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	48	140	EPg		1956	5.40	-0.4							1.0
BHL	SN	48	140	ESg		1956	11.58	0.0							1.0
HWQ	SZ	58	86	EPg		1956	7.56	0.2	35						1.0
HWQ	SN	58	86	ESg		1956	14.28	0.0							1.0

April 8 2006 Hour: 19:58 26.2 Lat: 34.23N Lon: 35.33E Depth: 11 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
BHL	BZ	47	141	IPg		1958	34.00	-0.1							1.0
BHL	BE	47	141	ISg		1958	39.80	-0.1							1.0
HWQ	SZ	57	85	IPg		1958	35.84	0.2	66						1.0
HWQ	SN	57	85	ISg		1958	42.59	0.0							1.0
MATL	SZ	83	180	EPg		1958	39.52	-0.1							1.0
FKH	SZ	99	89	IPg		1958	42.09	-0.2							1.0
FKH	SN	99	89	ISg		1958	54.05	-0.1							1.0

April 8 2006 Hour: 20:15 56.3 Lat: 34.10N Lon: 35.46E Depth: 34 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
BHL	SZ	28	142	EPg		2016	3.21	0.0	31						1.0
BHL	SN	28	142	ESg		2016	8.33	0.0							1.0
HWQ	SZ	48	66	EPg		2016	5.51	0.0							1.0
HWQ	SN	48	66	ESg		2016	12.20	0.0							1.0

April 8 2006 Hour: 21:1 31.6 Lat: 34.19N Lon: 35.33E Depth: 0 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
BHL	SZ	44	136	EPg		21 1	38.29	-0.3							1.0
BHL	SN	44	136	ESg		21 1	43.92	0.1							1.0
HWQ	SZ	58	80	EPg		21 1	41.11	0.2	28						1.0
HWQ	SN	58	80	ESg		21 1	47.70	-0.1							1.0

April 8 2006 Hour: 21:5 10.7 Lat: 34.10N Lon: 35.52E Depth: 40 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
BHL	SZ	26	151	EPg		21 5	17.95	0.0	32						1.0
BHL	SE	26	151	ESg		21 5	23.28	0.0							1.0
HWQ	SZ	44	64	EPg		21 5	19.62	0.0							1.0
HWQ	SN	44	64	ESg		21 5	26.27	0.0							1.0

April 8 2006 Hour: 21:11 31.1 Lat: 34.19N Lon: 35.36E Depth: 14 Agency: REL Local
Magnitudes: 2.6MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	42	139	IPg		2111	38.35	0.1	32						1.0
BHL	BE	42	139	ISg		2111	43.73	0.2							1.0
HWQ	SZ	55	79	EPg		2111	40.37	0.1							1.0
HWQ	SN	55	79	ESg		2111	46.93	-0.2							1.0

April 8 2006 Hour: 21:38 42.6 Lat: 34.24N Lon: 35.27E Depth: 0 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
BHL	SZ	52	137	EPg		2138	50.90	-0.1	41						1.0
BHL	SE	52	137	ESg		2138	57.08	-0.1							1.0
HWQ	SZ	63	86	EPg		2138	52.97	0.2							1.0
HWQ	SE	63	86	ESg		2139	0.14	-0.1							1.0

April 8 2006 Hour: 22:29 47.5 Lat: 34.19N Lon: 35.25E Depth: 4 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
BHL	SZ	48	130	EPg		2229	55.00	-0.3	29						1.0
BHL	SE	48	130	ESg		2230	1.33	0.2							1.0
HWQ	SZ	65	81	EPg		2229	58.24	0.3							1.0
HWQ	SE	65	81	ESg		2230	5.54	-0.2							1.0

April 9 2006 Hour: 0:9 44.4 Lat: 34.23N Lon: 35.35E Depth: 14 Agency: REL Local
Magnitudes: 3.3MC REL Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	46	143	IPg		0 9	52.01	-0.2	88						1.0
BHL	BN	46	143	ISg		0 9	57.89	0.0							1.0
HWQ	SZ	55	84	IPg		0 9	53.51	-0.1							1.0
HWQ	SN	55	84	ISg		010	0.49	0.1							1.0
MATL	SZ	82	182	IPg		0 9	58.15	0.3							1.0

April 9 2006 Hour: 0:11 59.8 Lat: 34.23N Lon: 35.33E Depth: 0 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
BHL	BZ	47	140	IPg		012	7.25	-0.1	73						1.0
BHL	BN	47	140	ISg		012	12.90	-0.1							1.0
HWQ	SZ	57	84	IPg		012	9.20	0.1							1.0
HWQ	SN	57	84	ISg		012	15.90	0.0							1.0
MATL	SZ	82	180	IPg		012	12.99	0.0							1.0

April 9 2006 Hour: 2:38 6.0 Lat: 34.24N Lon: 35.31E 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
BHL	BZ	49	139	IPg		238	13.91	0.0	79						1.0
BHL	BE	49	139	ISg		238	19.66	0.0							1.0
HWQ	SZ	59	85	IPg		238	15.43	-0.1							1.0
HWQ	SN	59	85	ISg		238	22.53	0.0							1.0

April 9 2006 Hour: 2:41 37.9 Lat: 34.22N Lon: 35.35E Depth: 14 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	44	141	EPg		241	45.36	-0.1	37						1.0
BHL	SE	44	141	ESg		241	51.18	0.1							1.0
HWQ	SZ	55	82	EPg		241	47.41	0.3							1.0
HWQ	SN	55	82	ESg		241	53.74	-0.2							1.0

April 9 2006 Hour: 3:42 15.9 Lat: 34.22N Lon: 35.38E Depth: 14 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	43	144	IPg		342	23.11	-0.1	41						1.0
BHL	BE	43	144	ISg		342	28.69	0.1							1.0
HWQ	SZ	53	82	EPg		342	24.83	0.1							1.0
HWQ	SN	53	82	ESg		342	31.12	-0.1							1.0

April 9 2006 Hour: 4:3 1.1

Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPg		4	3	27.50							
BHL	SE			ESg		4	3	34.08							
HWQ	SN			ESg		4	3	35.93							

April 9 2006 Hour: 4:51 14.5

Lat: 34.24N

Lon: 35.33E

Depth: 14

Agency: REL Local

Magnitudes: 3.5MC REL

Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	48	141	IPg		451	22.44	-0.1	110						1.0
BHL	BE	48	141	ISg		451	28.46	0.0							1.0
HWQ	SZ	57	85	IPg		451	23.69	-0.3							1.0
HWQ	SN	57	85	ISg		451	31.35	0.3							1.0
MATL	SZ	83	180	IPg		451	28.49	0.5							1.0

April 9 2006 Hour: 4:50 57.0

Lat: 34.22N

Lon: 35.36E

Depth: 12

Agency: REL Local

Magnitudes: 2.2MC REL

Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	45	142	IPg		451	4.75	0.1	18						1.0
BHL	BN	45	142	ISg		451	10.13	-0.1							1.0
HWQ	SZ	55	84	IPg		451	5.99	-0.1							1.0
HWQ	SE	55	84	ISg		451	12.95	0.1							1.0

April 9 2006 Hour: 5:32 15.9

Lat: 35.46N

Lon: 36.17E

Depth: 88

Agency: REL Local

Magnitudes: 3.3MC REL

Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	132	189	EP		532	36.94	-0.1	76						1.0
HWQ	SN	132	189	ES		532	52.81	0.1							1.0
BHL	SZ	178	195	EP		532	42.13	0.0							1.0

April 9 2006 Hour: 9:7 0.2

Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		9	7	45.57							
HWQ	SZ			EPg		9	7	50.30							
FKH	SN			ESg		9	7	50.92							
HWQ	SE			ESg		9	7	57.97							

April 9 2006 Hour: 10:38 10.8

Lat: 33.68N

Lon: 36.11E

Depth: 114

Agency: REL Local

Magnitudes: 2.9MC REL

Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	49	300	EPg		1038	27.21	0.1	43						1.0
BHL	SN	49	300	ESg		1038	39.16	0.0							1.0
HWQ	SZ	68	347	EPg		1038	28.19	-0.1							1.0
HWQ	SE	68	347	ESg		1038	41.19	0.0							1.0

April 9 2006 Hour: 12:8 51.4

Lat: 33.29N

Lon: 35.14E

Depth: 11

Agency: REL Local

Magnitudes: 3.3MC REL

Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	28	38	IPg		12	8	56.73	0.4						1.0
BHL	SZ	83	35	IPg		12	9	4.36	-0.6						1.0
BHL	SN	83	35	ISg		12	9	14.67	-0.4						1.0
HWQ	SZ	133	34	IPg		12	9	13.71	0.8	76					1.0
HWQ	SE	133	34	ISg		12	9	29.18	0.3						1.0
FKH	SZ	157	48	IPg		12	9	15.91	-0.9						1.0
FKH	SN	157	48	ISg		12	9	35.94	0.3						1.0

April 9 2006 Hour: 13:36 13.4

Lat: 34.71N

Lon: 36.45E

Depth: 0

Agency: REL Local

Magnitudes: 2.9MC REL

Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	53	185	EPg		1336	21.43	-0.5	50						1.0
FKH	SN	53	185	ESg		1336	27.12	-1.1							1.0
HWQ	SZ	66	224	EPg		1336	23.87	-0.2							1.0
HWQ	SN	66	224	ESg		1336	30.58	-1.4							1.0

BHL	SZ	115	219	EPg		1336	32.51	0.5								1.0
BHL	SE	115	219	ESg		1336	45.86	0.1								1.0

April 9 2006 Hour: 15:30 0.1

Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SE			ESg		1531	23.17								
BHL	SN			ESg		1531	30.14								
HWQ	SZ			EPg		1531	4.24								

April 9 2006 Hour: 19:36 23.3

Lat: 34.21N

Lon: 35.37E

Depth: 14

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
BHL	SZ	43	141	IPg		1936	30.50	-0.1	35						1.0
BHL	SE	43	141	ISg		1936	36.21	0.2							1.0
HWQ	SZ	54	81	IPg		1936	32.51	0.2							1.0
HWQ	SN	54	81	ISg		1936	38.90	-0.2							1.0

April 9 2006 Hour: 23:27 12.2

Lat: 34.95N

Lon: 26.80E

Depth: 0

Agency: REL Regional

Magnitudes: 5.0MC REL

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AKMC	SZ	505	88	EP		2328	20.1	-0.5							1.0
PPCY	SZ	507	89	EP		2328	20.3	-0.5							1.0
ALFC	SZ	530	86	EP		2328	22.9	-0.7							1.0
SZAC	SZ	557	91	EP		2328	26.6	-0.3							1.0
MAMC	SZ	586	86	EP		2328	30.1	-0.3							1.0
CSS	SZ	597	88	EP		2328	31.2	-0.5							1.0
PHNC	SZ	661	87	EP		2328	40.4	1.0							1.0
MATL	SZ	803	99	EP		2328	56.47	0.3							1.0
BHL	SZ	822	96	EP		2328	58.61	0.0	371						1.0
BHL	SN	822	96	ES		2330	15.55	-1.9							1.0
HWQ	SZ	842	93	EP		2329	1.59	0.6							1.0
HWQ	SE	842	93	ES		2330	21.61	0.1							1.0
FKH	SZ	884	92	EP		2329	6.90	0.9							1.0
FKH	SN	884	92	ES		2330	32.06	1.9							1.0

April 9 2006 Hour: 23:34 48.6

Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ			EP		2335	31.42								
MATL	SZ			EP		2335	23.08								

April 10 2006 Hour: 1:28 29.5

Lat: 34.21N

Lon: 35.33E

Depth: 12

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
BHL	SZ	45	139	EPg		128	37.04	0.0	29						1.0
BHL	SE	45	139	ESg		128	42.67	0.0							1.0
HWQ	SZ	57	82	EPg		128	39.21	0.3							1.0
HWQ	SE	57	82	ESg		128	45.80	-0.2							1.0

April 10 2006 Hour: 12:19 1.2

Lat: 34.22N

Lon: 35.35E

Depth: 0

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
BHL	SZ	45	141	EPg		1219	7.89	-0.5							1.0
BHL	SE	45	141	ESg		1219	13.78	0.0							1.0
HWQ	SZ	56	83	EPg		1219	10.26	0.1	41						1.0
HWQ	SE	56	83	ESg		1219	16.88	0.1							1.0
MATL	SZ	81	181	EPg		1219	14.48	0.3							1.0

April 10 2006 Hour: 13: 7 10.8

Lat: 34.24N

Lon: 35.32E

Depth: 0

Agency: REL Local

Magnitudes: 2.7MC REL

Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SE	48	140	ESg		13 7	24.26	0.0							1.0
HWQ	SZ	58	85	EPg		13 7	20.19	0.1	40						1.0
HWQ	SN	58	85	ESg		13 7	26.97	0.0							1.0

April 10 2006 Hour: 13:15 32.6 Lat: 34.23N Lon: 35.34E Depth: 7 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
BHL	BZ	46	141	IPg		1315	40.29	0.1	89						1.0
BHL	BE	46	141	ISg		1315	45.67	-0.2							1.0
HWQ	SZ	56	84	IPg		1315	41.58	-0.2							1.0
HWQ	SN	56	84	ISg		1315	48.82	0.2							1.0
MATL	SZ	82	181	IPg		1315	46.10	0.2							1.0

April 10 2006 Hour: 13:55 18.2 Lat: 34.22N Lon: 35.38E Depth: 13 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
BHL	BZ	44	144	IPg		1355	25.45	-0.2	94						1.0
BHL	BE	44	144	ISg		1355	31.32	0.2							1.0
HWQ	SZ	53	83	IPg		1355	27.34	0.3							1.0
HWQ	SN	53	83	ISg		1355	33.95	0.3							1.0
MATL	SZ	82	183	IPg		1355	31.77	0.2							1.0
FKH	SZ	95	89	IPg		1355	33.46	-0.2							1.0
FKH	SE	95	89	ISg		1355	44.74	-0.3							1.0

April 10 2006 Hour: 14: 5 17.4 Lat: 34.17N Lon: 35.44E Depth: 17 Agency: REL Local
Magnitudes: 2.3MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	35	146	EPg		14 5	23.56	-0.2							1.0
BHL	SE	35	146	ESg		14 5	28.50	0.1							1.0
HWQ	SZ	48	75	EPg		14 5	25.89	0.3	23						1.0
HWQ	SE	48	75	ESg		14 5	31.41	-0.2							1.0

April 10 2006 Hour: 14:57 30.4 Lat: 34.22N Lon: 35.38E Depth: 14 Agency: REL Local
Magnitudes: 2.3MC REL Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	44	145	EPg		1457	37.76	0.0	22						1.0
BHL	SN	44	145	ESg		1457	43.23	0.0							1.0
HWQ	SN	52	83	ESg		1457	45.54	0.0							1.0

April 10 2006 Hour: 14:59 6.6 Lat: 33.69N Lon: 35.72E Depth: 66 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
BHL	SZ	24	345	EPg		1459	16.09	-0.4	53						1.0
BHL	SE	24	345	ESg		1459	24.00	0.2							1.0
HWQ	SZ	68	18	EPg		1459	20.15	0.4							1.0
HWQ	SE	68	18	ESg		1459	29.32	-0.2							1.0

April 10 2006 Hour: 15:41 50.3 Lat: 34.18N Lon: 35.43E Depth: 23 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
BHL	SE	37	146	ESg		1542	2.15	0.0							1.0
HWQ	SZ	49	77	EPg		1541	58.56	-0.2	32						1.0
HWQ	SN	49	77	ESg		1542	5.08	0.1							1.0

April 10 2006 Hour: 16:42 49.8 Lat: 33.29N Lon: 35.37E Depth: 25 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
MATL	SZ	23	350	IPg		1642	55.71	0.6							1.0
BHL	SZ	73	21	EPg		1643	1.47	-0.3							1.0
BHL	SE	73	21	ESg		1643	9.44	-1.2							1.0
HWQ	SZ	122	26	EPg		1643	9.24	0.4	76						1.0
HWQ	SN	122	26	ESg		1643	23.65	0.6							1.0
FKH	SZ	142	42	EPg		1643	11.23	-0.6							1.0
FKH	SE	142	42	ESg		1643	28.76	0.7							1.0

April 10 2006 Hour: 17:52 16.0 Lat: 34.24N Lon: 35.33E Depth: 7 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
BHL	SE	48	142	ESg		1752	29.66	0.0							1.0
HWQ	SZ	57	86	EPg		1752	25.17	-0.1	35						1.0
HWQ	SN	57	86	ESg		1752	32.18	0.1							1.0
FKH	SZ	99	90	EPg		1752	31.81	-0.1							1.0
FKH	SN	99	90	ESg		1752	43.83	0.1							1.0

April 10 2006 Hour: 19: 6 20.4 Lat: 33.66N Lon: 34.96E Depth: 34 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	39	118	IPg		19 6	28.10	-0.2							1.0
BHL	SN	70	67	ISg		19 6	40.82	-0.1							1.0
HWQ	SZ	114	53	IPg		19 6	37.95	0.2	41						1.0
HWQ	SN	114	53	ISg		19 6	50.61	0.0							1.0

April 10 2006 Hour: 23:57 24.0 Lat: 34.19N Lon: 35.43E 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	38	147	EPg		2357	30.23	-0.3							1.0
BHL	SE	38	147	ESg		2357	35.26	-0.1							1.0
HWQ	SZ	48	78	EPg		2357	32.30	0.2	47						1.0
HWQ	SN	48	78	ESg		2357	38.07	0.0							1.0

April 11 2006 Hour: 0: 0 37.4 Ionian Sea Mw 5.4 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ			EPn		0 5	35.63								
HWQ	SZ			EPn		0 5	38.60								
FKH	SZ			EPn		0 5	42.53								

April 11 2006 Hour: 1:14 21.2 Lat: 34.23N Lon: 35.35E Depth: 6 Agency: REL Local
Magnitudes: 3.4MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	46	142	IPg		114	28.64	0.0	109						1.0
BHL	BE	46	142	ISg		114	34.07	-0.1							1.0
HWQ	SZ	55	84	IPg		114	30.42	0.2							1.0
HWQ	SN	55	84	ISg		114	37.17	0.3							1.0
MATL	SZ	82	181	IPg		114	34.71	0.2							1.0
FKH	SZ	97	89	IPg		114	36.61	-0.3							1.0
FKH	SE	97	89	ISg		114	48.24	-0.3							1.0

April 11 2006 Hour: 5:21 10.9 Lat: 34.23N Lon: 35.30E Depth: 14 Agency: REL Local
Magnitudes: 3.7MC REL FELT Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	48	137	IPg		521	18.68	-0.3	159						1.0
BHL	BE	48	137	ISg		521	24.23	-0.8							1.0
HWQ	SZ	60	84	IPg		521	19.63	-1.0							1.0
HWQ	SE	60	84	ISg		521	26.67	-1.3							1.0
MATL	SZ	82	178	IPg		521	24.19	0.4							1.0
FKH	SZ	102	89	IPg		521	26.68	-0.1							1.0
FKH	SN	102	89	ISg		521	38.85	0.3							1.0
PHNC	SZ	145	307	IPg		521	34.50	1.4							1.0
PHNC	SZ	145	307	ISg		521	51.20	1.6							1.0
CSS	SZ	198	295	IPg		521	41.10	0.1							1.0
CSS	SZ	198	295	ISg		522	03.30	0.0							1.0
ALFC	SZ	268	293	IPg		521	50.60	-0.7							1.0
ALFC	SZ	268	293	ISg		522	19.30	-1.9							1.0
PPCY	SZ	281	286	IPg		521	52.40	-0.7							1.0
AKMC	SZ	287	289	IPg		521	53.20	-0.8							1.0

April 11 2006 Hour: 7:20 56.8 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL SE ESg 721 22.95
 HWQ SE ESg 721 24.89

April 11 2006 Hour: 12:22 37.6 Lat: 33.99N Lon: 36.83E 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 48 305 EPg 1222 45.41 0.1 56 1.0
 FKH SN 48 305 ESg 1222 50.72 -0.3 1.0
 HWQ SZ 87 292 EPg 1222 52.04 0.4 1.0
 HWQ SN 87 292 ESg 1223 1.55 -0.5 1.0
 BHL SZ 109 265 EPg 1222 55.64 0.6 1.0
 BHL SE 109 265 ESg 1223 8.48 0.4 1.0

April 11 2006 Hour: 12:23 57.9 Lat: 34.57N Lon: 36.82E Depth: 0 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 1.3 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ 53 227 EPg 1224 5.29 -1.3 60 1.0
 FKH SN 53 227 ESg 1224 10.66 -2.3 1.0
 HWQ SZ 87 249 EPg 1224 12.92 1.0 1.0
 HWQ SE 87 249 ESg 1224 22.50 0.2 1.0
 BHL SN 130 236 ESg 1224 34.86 0.3 1.0

April 11 2006 Hour: 13:25 49.8 Lat: 33.87N Lon: 35.44E Depth: 0 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 BZ 20 78 IPg 1325 52.61 -0.4 68 1.0
 BHL BE 20 78 ISg 1325 56.14 0.7 1.0
 MATL SZ 43 194 IPg 1325 57.91 1.1 1.0
 HWQ SZ 65 45 IPg 1325 59.21 -1.1 1.0
 HWQ SE 65 45 ISg 1326 8.61 0.5 1.0

April 11 2006 Hour: 17:32 0.0 Ionian Sea Mw 5.6 Agency: REL Regional
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MATL SZ EPn 1732 22.35
 BHL SZ EPn 1732 24.35
 HWQ SZ EPn 1732 25.40
 FKH SZ EPn 1732 29.88

April 11 2006 Hour: 19:55 53.4 Lat: 34.22N Lon: 35.37E Depth: 14 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
 BHL BZ 44 144 IPg 1956 0.61 -0.2 1.0
 BHL BE 44 144 ISg 1956 6.51 0.2 1.0
 HWQ SZ 53 83 EPg 1956 2.29 0.0 60 1.0
 HWQ SE 53 83 ESg 1956 9.12 0.3 1.0
 FKH SZ 95 89 EPg 1956 8.91 0.1 1.0
 FKH SE 95 89 ESg 1956 19.97 -0.3 1.0

April 12 2006 Hour: 6:52 1.6 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL SZ EPg 652 14.80
 BHL SN ESg 652 22.74
 HWQ SE ESg 652 24.68

April 12 2006 Hour: 10:10 17.9 Lat: 33.71N Lon: 37.06E Depth: 50 Agency: REL Local
Magnitudes: 3.2MC REL Rms: 1.0 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ 85 314 EPg 1010 32.05 0.1 1.0
 FKH SN 85 314 ESg 1010 41.81 -0.6 1.0
 HWQ SZ 121 302 EPg 1010 37.55 1.2 73 1.0
 HWQ SN 121 302 ESg 1010 50.51 0.6 1.0

BHL	SZ	132	280	EPg		1010	37.96	0.3									1.0
BHL	SN	132	280	ESg		1010	51.60	-0.7									1.0
MATL	SZ	163	262	EPg		1010	39.07	-2.2									1.0

April 12 2006 Hour: 11:15 39.1 Lat: 33.76N Lon: 37.14E Depth: 33 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
HWQ	SZ	124	298	EPg		1115	59.06	0.4							1.0
HWQ	SN	124	298	ESg		1116	13.10	-0.1							1.0
BHL	SZ	138	277	EPg		1116	0.33	-0.4	80						1.0
BHL	SE	138	277	ESg		1116	16.59	-0.1							1.0

April 12 2006 Hour: 11:31 3.7 Lat: 34.12N Lon: 35.36E Depth: 23 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	36	132	EPg		1131	10.45	0.0	36						1.0
BHL	SE	36	132	ESg		1131	15.41	0.0							1.0
HWQ	SZ	57	72	EPg		1131	13.26	0.0							1.0

April 12 2006 Hour: 13:44 37.8 Lat: 34.54N Lon: 36.85E Depth: 0 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	53	230	IPg		1344	45.06	-1.3	60						1.0
FKH	SE	53	230	ISg		1344	52.07	-0.6							1.0
HWQ	SZ	88	251	EPg		1344	52.55	0.6							1.0
HWQ	SN	88	251	ESg		1345	1.43	-0.9							1.0
BHL	SZ	131	237	EPg		1344	59.82	1.0							1.0
BHL	SN	131	237	ESg		1345	15.64	1.2							1.0

April 12 2006 Hour: 16:51 52.2 Ionian Sea Mw 5.6 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPn		1654	58.18								
BHL	BZ			EPn		1654	58.80								
FKH	SZ			EPn		1655	3.52								

April 12 2006 Hour: 23:39 50.9 Lat: 34.22N Lon: 35.37E Depth: 14 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
BHL	BZ	44	143	IPg		2339	58.11	-0.2	57						1.0
BHL	BE	44	143	ISg		2340	4.07	0.2							1.0
HWQ	SZ	54	82	IPg		2339	59.82	-0.1							1.0
HWQ	SN	54	82	ISg		2340	6.64	0.1							1.0
FKH	SZ	95	88	IPg		2340	6.65	0.2							1.0
FKH	SE	95	88	ISg		2340	17.81	-0.2							1.0

April 13 2006 Hour: 0:12 42.8 Lat: 34.24N Lon: 35.34E Depth: 0 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
BHL	BZ	47	142	IPg		012	50.35	0.0							1.0
BHL	BE	47	142	ISg		012	55.78	-0.2							1.0
HWQ	SZ	56	85	IPg		012	51.81	0.0	54						1.0
HWQ	SE	56	85	ISg		012	58.32	-0.1							1.0
FKH	SZ	98	90	IPg		012	58.23	-0.3							1.0
FKH	SN	98	90	ISg		013	10.63	0.4							1.0

April 13 2006 Hour: 0:58 37.2 Lat: 34.19N Lon: 35.33E Depth: 14 Agency: REL Local
Magnitudes: 2.5MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	43	136	EPg		058	44.31	-0.3	27						1.0
BHL	SN	43	136	ESg		058	50.29	0.2							1.0
HWQ	SZ	58	80	EPg		058	47.18	0.4							1.0
HWQ	SE	58	80	ESg		058	53.70	-0.2							1.0

April 13 2006 Hour: 2:4 21.9 Lat: 34.16N Lon: 35.43E Depth: 44 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
BHL	BZ	35	144	IPg		2 4	30.12	-0.2							1.0
BHL	BN	35	144	ISg		2 4	36.64	0.1							1.0
HWQ	SZ	50	75	IPg		2 4	31.95	0.2	62						1.0
HWQ	SE	50	75	ISg		2 4	38.80	-0.1							1.0
MATL	SZ	75	187	EPg		2 4	34.47	0.0							1.0

April 13 2006 Hour: 4:38 20.9 Hokkaido mb 5.5 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EP		439	20.94								

April 13 2006 Hour: 9:15 41.1 Lat: 35.22N Lon: 36.84E Depth: 31 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	116	200	EPg		915	59.58	0.2	75						1.0
FKH	SN	116	200	ESg		916	12.82	-0.1							1.0
HWQ	SZ	132	218	EPg		916	1.66	-0.1							1.0
HWQ	SN	132	218	ESg		916	17.10	0.1							1.0
BHL	SZ	181	217	EPg		916	8.85	-0.1							1.0
BHL	SN	181	217	ESg		916	29.57	0.0							1.0

April 13 2006 Hour: 10:18 23.0 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ			EPg		1018	40.34								
BHL	SN			ESg		1018	52.01								
HWQ	SZ			EPg		1018	42.40								
HWQ	SN			ESg		1018	54.19								

April 13 2006 Hour: 11:45 42.3 Lat: 34.31N Lon: 36.80E Depth: 0 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
FKH	SZ	38	257	EPg		1145	48.09	-0.3	45						1.0
FKH	SE	38	257	ESg		1145	53.16	0.2							1.0
HWQ	SZ	79	268	EPg		1145	55.39	0.3							1.0
HWQ	SE	79	268	ESg		1146	4.31	-0.2							1.0
BHL	SZ	115	247	EPg		1146	0.91	0.0							1.0

April 13 2006 Hour: 13:22 1.4 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1323	4.34								
HWQ	SZ			EPg		1323	12.55								
FKH	SN			ESg		1323	10.54								
HWQ	SN			ESg		1323	21.97								

April 13 2006 Hour: 14:46 23.8 Lat: 33.79N Lon: 36.71E Depth: 0 Agency: REL Local
Magnitudes: 3.3MC REL Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	57	330	EPg		1446	32.35	-0.7							1.0
FKH	SN	57	330	ESg		1446	40.19	0.3							1.0
HWQ	SZ	89	308	EPg		1446	38.26	0.1	88						1.0
HWQ	SE	89	308	ESg		1446	49.00	0.2							1.0
BHL	SZ	99	278	EPg		1446	39.92	0.2							1.0
BHL	SN	99	278	ESg		1446	51.02	-0.5							1.0
MATL	SZ	132	256	EPg		1446	45.50	0.3							1.0

April 13 2006 Hour: 22:22 0.9

Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SN			ESg		2223	21.04								
HWQ	SZ			EPg		2223	17.12								
HWQ	SE			ESg		2223	23.44								

April 13 2006 Hour: 23:45 38.3

Lat: 33.83N

Lon: 36.76E

Depth: 26

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
FKH	SZ	56	324	IPg		2345	48.21	0.2	59						1.0
FKH	SN	56	324	ISg		2345	55.02	-0.1							1.0
HWQ	SZ	91	304	EPg		2345	52.43	-0.4							1.0
HWQ	SN	91	304	ESg		2346	3.84	0.2							1.0
BHL	SZ	103	275	EPg		2345	54.88	0.2							1.0
BHL	SN	103	275	ESg		2346	6.61	-0.1							1.0

April 13 2006 Hour: 23:51 53.0

Lat: 33.88N

Lon: 36.70E

Depth: 28

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	48	325	IPg		2352	1.60	-0.2							1.0
FKH	SN	48	325	ISg		2352	8.36	0.1							1.0
HWQ	SZ	83	303	IPg		2352	6.51	0.0	73						1.0
HWQ	SN	83	303	ISg		2352	16.51	0.1							1.0
BHL	BZ	97	272	IPg		2352	8.39	-0.1							1.0
BHL	BE	97	272	ISg		2352	19.85	-0.1							1.0
MATL	SZ	134	252	IPg		2352	14.11	0.2							1.0

April 14 2006 Hour: 0:0 45.6

Lat: 34.10N

Lon: 36.04E

Depth: 107

Agency: REL Local

Magnitudes: 2.8MC REL

Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	22	338	IPg		0 1	0.18	0.0	41						1.0
HWQ	SE	22	338	ISg		0 1	10.55	-0.4							1.0
BHL	SZ	41	239	IPg		0 1	1.25	0.4							1.0
BHL	SN	41	239	ISg		0 1	12.54	0.4							1.0
MATL	SZ	94	224	IPg		0 1	3.51	-0.7							1.0

April 14 2006 Hour: 0:1 2.3

Lat: 34.14N

Lon: 36.01E

Depth: 110

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
HWQ	SZ	16	338	IPg		0 1	17.00	0.0	48						1.0
HWQ	SN	16	338	ISg		0 1	27.51	-0.4							1.0
BHL	SZ	42	232	IPg		0 1	18.37	0.5							1.0
BHL	SN	42	232	ISg		0 1	29.99	0.6							1.0
MATL	SZ	96	221	IPg		0 1	20.40	-0.9							1.0

April 14 2006 Hour: 0:7 53.0

Lat: 33.85N

Lon: 36.72E

Depth: 23

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	52	326	IPg		0 8	1.66	-0.2							1.0
FKH	SN	52	326	ISg		0 8	8.54	0.1							1.0
HWQ	SZ	86	304	IPg		0 8	6.58	-0.1	67						1.0
HWQ	SN	86	304	ISg		0 8	16.82	0.0							1.0
BHL	BZ	98	274	IPg		0 8	8.39	-0.1							1.0
BHL	BE	98	274	ISg		0 8	19.90	-0.1							1.0
MATL	SZ	135	253	IPg		0 8	14.20	0.5							1.0

April 14 2006 Hour: 0:44 2.4

Lat: 34.23N

Lon: 35.34E

Depth: 0

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
BHL	BZ	46	141	IPg		044	9.82	0.0	56						1.0
BHL	SN	46	141	ISg		044	15.15	-0.2							1.0
HWQ	SZ	56	84	IPg		044	11.48	0.0							1.0
HWQ	SN	56	84	ISg		044	18.18	0.0							1.0

April 14 2006 Hour: 0:49 1.8 Lat: 34.26N Lon: 35.28E Depth: 0 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	53	139	IPg		049	10.20	-0.2	39						1.0
BHL	SE	53	139	ESg		049	16.69	0.0							1.0
HWQ	SZ	61	88	EPg		049	11.55	-0.2							1.0
HWQ	SN	61	88	ESg		049	19.19	0.1							1.0

April 14 2006 Hour: 0:54 6.3 Lat: 33.83N Lon: 36.73E Depth: 14 Agency: REL Local
Magnitudes: 3.4MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	54	326	IPg		054	15.03	-0.2							1.0
FKH	SN	54	326	ISg		054	21.99	0.1							1.0
HWQ	SZ	87	305	IPg		054	19.97	-0.2	93						1.0
HWQ	SE	87	305	ISg		054	30.62	0.2							1.0
BHL	BZ	100	275	IPg		054	21.84	-0.1							1.0
BHL	SN	100	275	ISg		054	33.24	-0.3							1.0
MATL	SZ	135	254	IPg		054	27.58	0.5							1.0

April 14 2006 Hour: 1:15 24.4 Lat: 33.81N Lon: 36.68E Depth: 12 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
FKH	SZ	54	332	IPg		115	33.14	-0.2							1.0
FKH	SN	54	332	ISg		115	39.98	0.0							1.0
HWQ	SZ	85	308	IPg		115	38.33	0.0	53						1.0
HWQ	SN	85	308	ISg		115	48.91	0.3							1.0
BHL	SZ	95	277	IPg		115	39.80	-0.1							1.0
BHL	SN	95	277	ISg		115	51.23	-0.2							1.0

April 14 2006 Hour: 2:14 53.9 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SN			ESg		215	52.10								
HWQ	SE			ESg		215	49.64								

April 14 2006 Hour: 2:51 49.5 Lat: 33.81N Lon: 36.69E Depth: 0 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
HWQ	SZ	87	307	IPg		252	3.30	-0.2	67						1.0
HWQ	SN	87	307	ISg		252	13.94	0.1							1.0
BHL	BZ	97	277	IPg		252	5.11	0.0							1.0
BHL	BE	97	277	ISg		252	16.55	-0.1							1.0
MATL	SZ	131	255	IPg		252	10.92	0.2							1.0

April 14 2006 Hour: 3:14 24.1 Lat: 33.94N Lon: 36.49E Depth: 77 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
HWQ	SZ	63	307	EPg		314	38.13	0.3							1.0
HWQ	SE	63	307	ESg		314	47.73	-0.2							1.0
BHL	SZ	78	268	EPg		314	38.58	-0.5							1.0
BHL	SN	78	268	ESg		314	50.42	0.3							1.0

April 14 2006 Hour: 3:49 23.7 Fiji mb 5.1 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		349	53.06								

April 14 2006 Hour: 6:0 40.7 Lat: 34.23N Lon: 35.31E Depth: 0 Agency: REL Local
Magnitudes: 3.7MC REL FELT Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ	48	139	IPg		6 0	48.70	0.3	162						1.0
BHL	BE	48	139	ISg		6 0	54.02	-0.1							1.0
HWQ	SZ	59	84	IPg		6 0	49.94	-0.2							1.0
HWQ	SN	59	84	ISg		6 0	56.46	-0.7							1.0
MATL	SZ	82	179	IPg		6 0	54.50	0.6							1.0

FKH	SZ	100	89	IPg	6	0	56.63	-0.2									1.0
FKH	SN	100	89	ISg	6	1	8.61	-0.2									1.0
PHNC	SZ	146	307	EP	601		04.6	0.6									1.0
PHNC	SZ	146	307	ES	601		21.8	0.5									1.0
CSS	SZ	199	295	IPg	601		11.3	-1.6									1.0
CSS	SZ	199	295	ES	601		33.5	-0.9									1.0

April 14 2006 Hour: 6:33 20.2 Lat: 33.83N Lon: 35.21E Depth: 14 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	42	79	EPg		633	26.82	-0.4							1.0
BHL	SN	42	79	ESg		633	32.60	0.1							1.0
HWQ	SZ	84	54	EPg		633	33.96	0.5	44						1.0
HWQ	SE	84	54	ESg		633	43.24	-0.1							1.0

April 14 2006 Hour: 6:35 54.8 Lat: 34.23N Lon: 35.39E Depth: 31 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
BHL	BZ	44	146	IPg		636	2.85	-0.3							1.0
BHL	BE	44	146	ISg		636	9.17	-0.1							1.0
HWQ	SZ	52	84	IPg		636	4.35	0.2	64						1.0
HWQ	SN	52	84	ISg		636	11.19	0.1							1.0
MATL	SZ	82	184	IPg		636	8.73	0.5							1.0

April 14 2006 Hour: 7:58 1.0 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SN			ESg		758	36.34								
BHL	SE			ESg		758	34.17								
HWQ	SZ			EPg		758	27.27								

April 14 2006 Hour: 8:58 3.5 Agency: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		858	13.70								

April 14 2006 Hour: 9:33 49.9 Xizang Mw 5.6 Agency: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		935	49.80								

April 14 2006 Hour: 17:16 57.6 Lat: 34.21N Lon: 35.41E Depth: 14 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
BHL	SZ	41	146	IPg		1717	4.45	-0.1							1.0
BHL	SN	41	146	ISg		1717	9.76	0.0							1.0
HWQ	SZ	50	81	IPg		1717	6.05	0.1	32						1.0
HWQ	SN	50	81	ISg		1717	12.15	0.0							1.0

April 15 2006 Hour: 8:55 39.7 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		858	16.22								
HWQ	SZ			EPg		858	20.25								
FKH	SE			ESg		858	20.80								
HWQ	SE			ESg		858	27.25								

April 15 2006 Hour: 10:35 39.8 Lat: 34.40N Lon: 36.78E 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	39	242	EPg		1035	45.00	-1.1	58						1.0
FKH	SE	39	242	ESg		1035	50.25	-0.6							1.0
HWQ	SZ	78	260	EPg		1035	52.31	0.0							1.0
HWQ	SN	78	260	ESg		1036	1.56	0.0							1.0
BHL	SZ	117	242	EPg		1035	59.86	1.1							1.0
BHL	SE	117	242	ESg		1036	13.32	0.6							1.0

April 15 2006 Hour: 11:40 0.3 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 FKH SZ EPg 1141 7.36
 HWQ SZ EPg 1141 14.51
 FKH SN ESg 1141 12.50
 HWQ SE ESg 1141 24.94

April 15 2006 Hour: 22:51 58.2 Taiwan Mw 5.9 Agency: Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 2252 31.21

April 16 2006 Hour: 12: 0 9.2 Honshu 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 12 0 37.87

April 16 2006 Hour: 15:31 41.0 Lat: 33.99N Lon: 36.97E 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
 FKH SZ 59 297 EPg 1531 51.49 0.0 55 1.0
 FKH SN 59 297 ESg 1531 59.41 0.1 1.0
 HWQ SZ 100 289 EPg 1531 56.70 -0.4 1.0
 HWQ SE 100 289 ESg 1532 8.93 -0.1 1.0
 BHL SZ 122 266 EPg 1532 0.67 0.4 1.0
 BHL SE 122 266 ESg 1532 14.45 -0.1 1.0

April 16 2006 Hour: 16:52 23.5 Lat: 34.21N Lon: 35.38E Depth: 14 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.6 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL SZ 42 143 IPg 1652 30.89 0.1 1.0
 BHL SE 42 143 ISg 1652 36.45 0.4 1.0
 HWQ SZ 53 81 IPg 1652 31.81 -0.5 36 1.0
 HWQ SN 53 81 ISg 1652 38.67 -0.2 1.0
 FKH SZ 94 88 IPg 1652 40.15 1.3 1.0
 FKH SN 94 88 ISg 1652 49.86 -0.4 1.0

April 16 2006 Hour: 17:57 59.7 Talaud islands Mw 5.7 Agency: Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 1758 42.43
 FKH SZ EP 1758 39.97

April 17 2006 Hour: 10:23 10.2 Lat: 34.22N Lon: 35.36E 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
 BHL BZ 45 143 IPg 1023 17.87 0.0 1.0
 BHL BE 45 143 ISg 1023 23.42 -0.1 1.0
 HWQ SZ 54 84 IPg 1023 19.13 -0.2 60 1.0
 HWQ SN 54 84 ISg 1023 26.21 0.2 1.0
 MATL SZ 82 182 IPg 1023 23.81 0.2 1.0

April 17 2006 Hour: 10:37 16.9 Lat: 33.71N Lon: 35.93E Depth:108 Agency: REL Local
Magnitudes: 3.2MC REL Rms: 0.2 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL SZ 34 310 IPg 1037 32.02 0.1 1.0
 BHL SE 34 310 ISg 1037 42.90 -0.1 1.0
 HWQ SZ 63 1 IPg 1037 33.59 0.1 70 1.0
 HWQ SE 63 1 ISg 1037 45.59 -0.1 1.0

April 17 2006 Hour: 11:54 0.5 Dodecanese Islands mb 4.0 Agency: REL Regional
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPn 1154 59.61

April 17 2006 Hour: 20:19 0.6 Dodecanese Islands mb 4.2 Agency: REL Regional
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPn 2019 46.08

April 18 2006 Hour: 0:10 57.7 Santa Cruz islands mb 5.8 Agency: REL Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 011 24.16

April 18 2006 Hour: 1:22 0.4 Turkey ML 4.0 Agency: REL Regional
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPn 123 14.37

April 18 2006 Hour: 19:55 33.6 Lat: 34.18N Lon: 35.49E Depth: 0 Agency: REL Local
Magnitudes: 2.8MC REL Rms: 0.4 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ 34 153 IPg 1955 38.35 -0.8 46 1.0
 BHL BE 34 153 ISg 1955 43.12 -0.1 1.0
 HWQ SZ 44 75 IPg 1955 40.59 -0.1 1.0
 HWQ SN 44 75 ISg 1955 46.08 0.2 1.0

April 19 2006 Hour: 5:42 0.9 Dodecanese islands mb 4.7 Agency: REL Regional
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPn 542 29.92
 BHL SZ EPn 542 27.15

April 19 2006 Hour: 20:46 39.3 Sumatra Mw 6.0 Agency: REL Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 2047 6.97

April 20 2006 Hour: 7:31 1.1 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 731 43.25
 HWQ SE ESg 732 4.03
 BHL SE ESg 731 53.68

April 20 2006 Hour: 10:56 1.3 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 1056 53.74
 BHL SZ EPg 1057 1.11
 HWQ SN ESg 1057 1.98
 BHL SE ESg 1057 15.33

April 20 2006 Hour: 12:42 0.6 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 1242 50.84
 BHL SZ EPg 1242 59.60
 HWQ SN ESg 1242 57.18
 BHL SE ESg 1243 14.49

April 20 2006 Hour: 14:40 0.6 Agency: REL Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 1441 6.95
 BHL SN ESg 1441 9.37
 HWQ SN ESg 1441 11.98
 BHL SZ EPg 1441 5.07

April 20 2006 Hour: 17:40 0.4 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SN ESg 1740 21.90
 BHL SE ESg 1740 18.91
 HWQ SZ EPg 1740 15.08

April 20 2006 Hour: 23:32 16.5 **Siberia Mw 7.5** **Agency: Distant**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 2336 56.02

April 21 2006 Hour: 4:44 10.5 **Siberia 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 444 39.00

April 21 2006 Hour: 11:25 44.2 **Siberia mb 6.0** **Agency: REL Distant**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL BZ EP 1126 9.80

April 22 2006 Hour: 9:22 53.5 **Lat: 33.26N Lon: 35.08E Depth: 14** **Agency: REL Local**
Magnitudes: 2.7MC REL **Rms: 0.2 secs**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MATL SZ 34 43 IPg 922 59.58 0.1 38 1.0
 HWQ SZ 138 35 IPg 923 15.57 -0.4 1.0
 HWQ SN 138 35 ISg 923 32.72 0.2 1.0

April 22 2006 Hour: 9:54 21.2 **Lat: 33.89N Lon: 36.02E 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 SZ 34 272 EPg 954 26.63 -0.1 1.0
 BHL SE 34 272 ESg 954 30.70 0.0 1.0
 HWQ SZ 43 351 EPg 954 28.18 -0.1 1.0
 HWQ SN 43 351 ESg 954 33.41 0.0 1.0
 MATL SZ 78 235 EPg 954 34.20 0.4 63 1.0

April 22 2006 Hour: 15:59 22.7 **Lat: 33.83N Lon: 36.83E Depth: 14** **Agency: REL Local**
Magnitudes: 3.1MC REL **Rms: 0.0 secs**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ 95 302 EPg 1559 37.82 0.1 64 1.0
 HWQ SN 95 302 ESg 1559 48.85 0.0 1.0
 BHL SE 109 275 ESg 1559 52.36 0.0 1.0

April 23 2006 Hour: 4:0 0.3 **Turkey ML 3.9** **Agency: REL Regional**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL SZ EPn 4 1 25.96
 HWQ SZ EPn 4 1 28.69

April 23 2006 Hour: 8:57 8.9 **Lat: 33.77N Lon: 35.35E Depth: 14** **Agency: REL Local**
Magnitudes: 2.8MC REL **Rms: 0.3 secs**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 BHL SZ 32 61 IPg 857 14.34 -0.2 46 1.0
 BHL SN 32 61 ISg 857 18.93 0.2 1.0
 HWQ SZ 79 44 IPg 857 22.24 0.4 1.0
 HWQ SE 79 44 ISg 857 31.09 -0.3 1.0

April 24 2006 Hour: 10:53 1.3 **Agency: REL Local**
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 HWQ SZ EPg 1053 46.89
 HWQ SN ESg 1054 1.93
 BHL SE ESg 1054 17.04

April 24 2006 Hour: 11:42 42.9 Lat: 34.74N Lon: 36.78E Depth: 23 Agency: REL Local
Magnitudes: 3.0MC REL Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	92	236	EPg		1142	57.59	0.0	55						1.0
HWQ	SN	92	236	ESg		1143	8.40	0.0							1.0
BHL	BZ	139	228	EPg		1143	4.45	0.0							1.0
BHL	BN	139	228	ESg		1143	20.31	0.0							1.0

April 24 2006 Hour: 17: 0 53.5 Lat: 33.82N Lon: 35.20E Depth: 14 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	SZ	43	77	IPg		17 1	0.92	0.1	45						1.0
BHL	SN	43	77	ISg		17 1	6.40	0.2							1.0
HWQ	SZ	86	53	EPg		17 1	7.46	0.0							1.0
HWQ	SE	86	53	ESg		17 1	17.70	-0.2							1.0

April 24 2006 Hour: 23:27 6.5 Lat: 34.22N Lon: 35.31E Depth: 0 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	47	138	EPg		2327	13.71	-0.4							1.0
BHL	SN	47	138	ESg		2327	19.81	0.1							1.0
HWQ	SZ	59	84	EPg		2327	16.44	0.5	37						1.0
HWQ	SE	59	84	ESg		2327	22.66	-0.3							1.0

April 25 2006 Hour: 15:47 1.6 Lat: 33.31N Lon: 35.32E Depth: 26 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
MATL	SZ	20	2	IPg		1547	7.14	0.5							1.0
BHL	SZ	73	25	IPg		1547	13.42	-0.1	53						1.0
BHL	SE	73	25	ISg		1547	21.09	-1.3							1.0
HWQ	SZ	122	28	IPg		1547	20.41	-0.2							1.0
HWQ	SE	122	28	ISg		1547	36.11	1.3							1.0

April 25 2006 Hour: 18:32 55.7 Sumatra Mw 6.1 Agency: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1836	58.29								

April 25 2006 Hour: 21:54 6.0 Lat: 33.81N Lon: 35.16E Depth: 0 Agency: REL Local
Magnitudes: 2.6MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	47	77	EPg		2154	13.24	-0.3	33						1.0
BHL	SE	47	77	ESg		2154	19.19	0.1							1.0
HWQ	SE	89	54	ESg		2154	30.96	0.0							1.0

April 26 2006 Hour: 5:36 1.3 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ			IPg		537	45.08								
BHL	SN			ISg		537	49.05								
HWQ	SN			ESg		538	1.78								

April 26 2006 Hour: 11:22 16.2 Lat: 33.74N Lon: 36.03E Depth:112 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	SZ	39	298	EPg		1122	31.73	-0.1	41						1.0
BHL	SE	39	298	ESg		1122	43.61	0.1							1.0
HWQ	SZ	60	353	EPg		1122	33.20	0.2							1.0
HWQ	SN	60	353	ESg		1122	45.25	-0.2							1.0
MATL	SZ	71	247	EPg		1122	33.41	0.0							1.0

April 28 2006 Hour: 11:44 21.7 Lat: 33.81N Lon: 35.72E Depth: 12 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
BHL	BZ	12	328	IPg		1144	24.53	0.0							1.0
MATL	SZ	51	225	IPg		1144	30.18	0.0							1.0
HWQ	SZ	55	22	IPg		1144	30.87	0.0	74						1.0

April 29 2006 Hour: 17: 6 48.5 Siberia Mw 6.8 Agency: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1710	4.98								

April 30 2006 Hour: 0:50 14.4 Mongolia mb 5.7 Agency: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		052	16.46								

April 30 2006 Hour: 13:12 0.5 Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ			EPg		1312	6.42								
BHL	SZ			EPg		1312	14.03								
HWQ	SE			ESg		1312	17.30								
BHL	SE			ESg		1312	29.62								

April 30 2006 Hour: 13:30 33.1 Lat: 33.29N Lon: 35.08E Depth: 13 Agency: REL Local
Magnitudes: 3.3MC REL FELT Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MATL	SZ	32	46	IPg		1330	39.95	1.2							1.0
BHL	SZ	86	38	IPg		1330	46.41	-0.9	87						1.0
BHL	SN	86	38	ISg		1330	56.56	-1.2							1.0
HWQ	SZ	136	36	IPg		1330	55.43	0.3							1.0
HWQ	SE	136	36	ISg		1331	11.50	0.1							1.0

April 30 2006 Hour: 19:31 5.5 Lat: 34.24N Lon: 35.33E Depth: 4 Agency: REL Local
Magnitudes: 2.7MC REL Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	SZ	48	141	EPg		1931	13.60	0.4	36						1.0
BHL	SN	48	141	ESg		1931	18.80	-0.2							1.0
HWQ	SZ	57	86	EPg		1931	14.69	0.0							1.0
HWQ	SN	57	86	ESg		1931	21.49	0.0							1.0

April 30 2006 Hour: 19:36 17.8 Chile Mw 6.7 Agency: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1937	11.64								

April 30 2006 Hour: 21:55 56.4 Chile mb 6.1 Agency: Distant

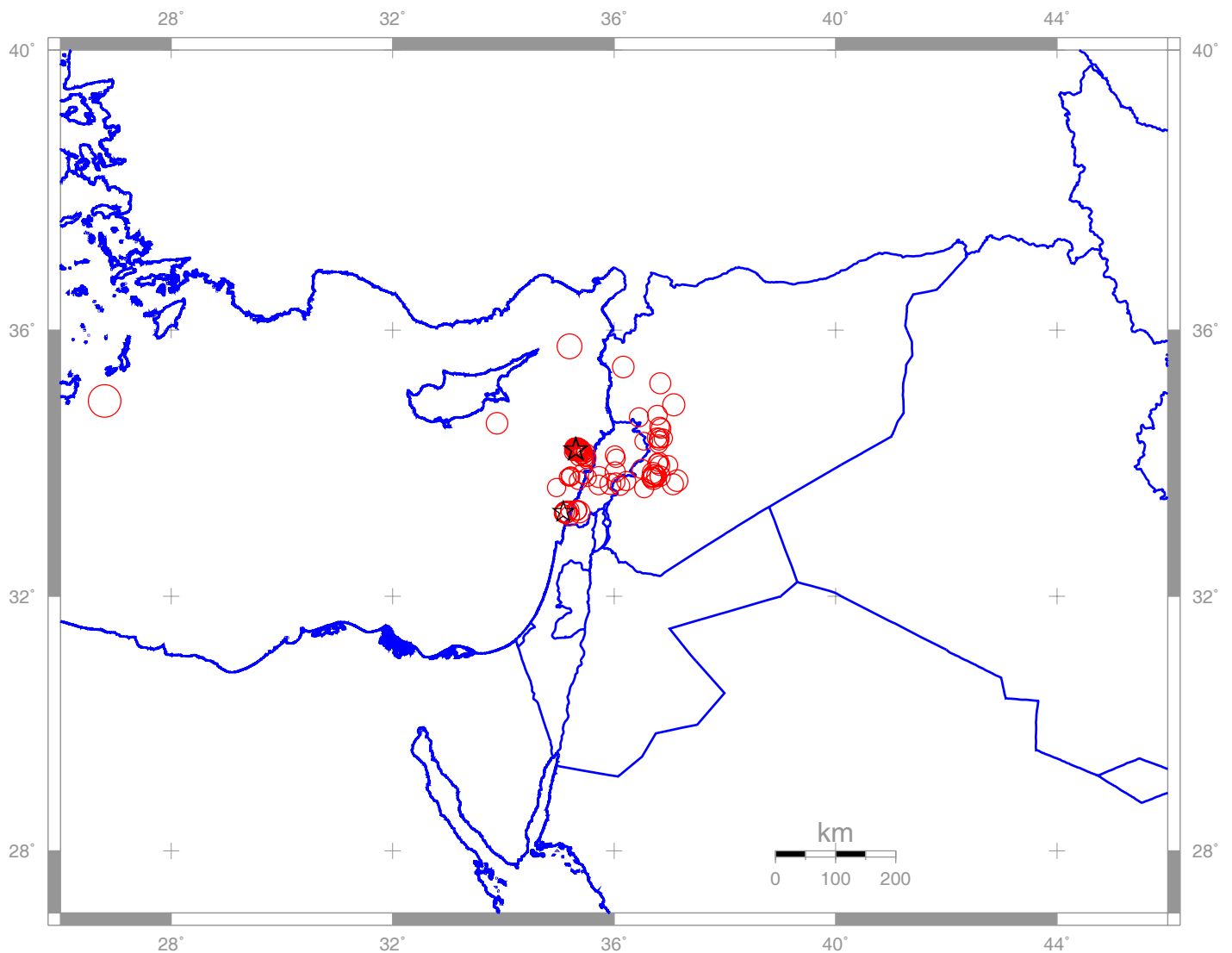
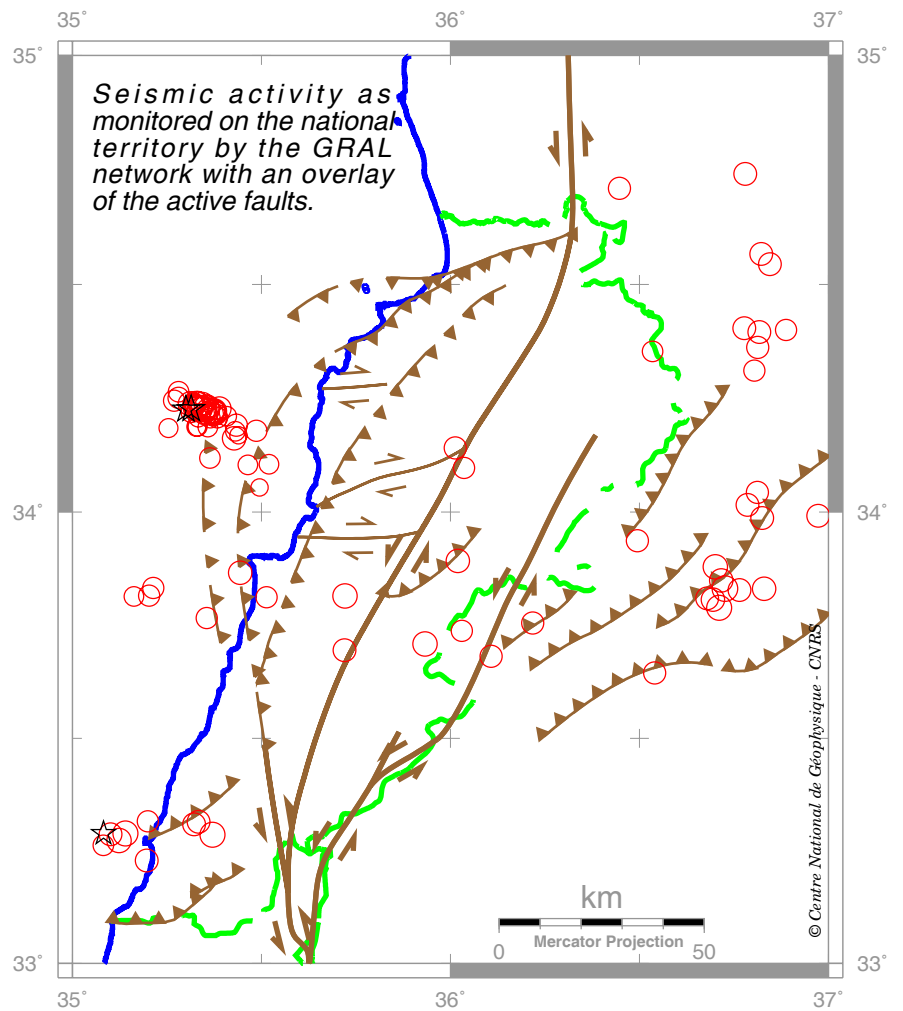
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		22 0	54.52								

Epicentral Map of Lebanon

April 2006

Magnitudes

- Ml = 2
- Ml = 3
- Ml = 4
- Ml = 5
- ★ Felt



A SEQUENCE OF OFFSHORE EARTHQUAKES.

On the 23rd of March 2006, a known seismically active zone, 35 km offshore Jbeil, began to produce a sequence of earthquakes of magnitude ~3 (54 by the end of April). Five events culminated with a magnitude of 3.7 and were felt along the coastline from Beirut to Tripoli. This seismically active zone, or Jounieh plateau (named after A. Elias 2006), is site to strong thrusting identified since the submarine, high-resolution, seismic-reflexion and sonar imaging run by the Shalimar oceanographic cruise (2003). The epicenters of the earthquakes recorded since 2002 are plotted below on a section of the bathymetric chart obtained from the Shalimar data.

