

Republic of Lebanon  
National Council for Scientific Research

# Provisional Seismological Bulletin

from the

## NATIONAL SEISMIC NETWORK

August

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 by the UNESCO and the USGS known as RELEMR, i.e. Reducing Earthquake Losses in the Eastern Mediterranean Region.

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

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

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

<b>P-wave velocity (km/sec)</b>	<b>depth to top of layer (km)</b>
6.2	0.0
6.8	14.0
8.05	34.0
8.25	50.0
8.5	80.0

Magnitudes are calculated from the coda duration. The coda wave magnitude is estimated via the formula:

$$Mc = 0.08 + 1.63 * \log_{10}(T) + 0.0009 * D.$$

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

All available coda values are used for magnitude calculations. No station corrections are used for either travel times or magnitudes calculations. The 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 otherwise since this might restrict later use of the data. Consequently, some event locations might be unrealistic such as zero depth earthquakes or teleseismic locations off by 1000 km. However, the locations are based on the available data and reflect the localization procedure and the models used.

## **STATIONS USED**

The stations listed below are operated by the National Centre for Geophysical Research. They constitute the basic setup of the National Seismic Network of Lebanon.

However, readings from other cooperating agencies are also used in locating the events and thus more stations may appear in the event lists than in the station list; it is worth mentioning the systematic use of arrival times from the Cypriot seismic network CSS in order to constrain events corresponding to an active zone off the Lebanese shorelines.

<b>STATION</b>	<b>LATITUDE</b>	<b>LONGITUDE</b>	<b>HEIGHT (m)</b>	<b>NAME</b>	<b>COMMENTS</b>
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	Opened Jun 2006
DWR	3323.13N	3524.08E	420	DWEIR	Scheduled 2003
BEYL	3352.30N	3529.59E	49	BEIRUT	Opened Jul 2006

## **MACROSEISMIC DATA**

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

## **MONTHLY EPICENTER MAPS**

Maps will be found on the last page.

## **ELECTRONIC PUBLICATION**

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

## **REFERENCES**

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

**Abbreviations:**

TIME: Origin time in UTC (hr. min. and sec.) or data file onset time if event is not located.  
LAT: Latitude of epicenter  
LON: Longitude of epicenter  
DEPTH: Focal depth in kilometer (trailing F indicates fixed depth)  
AGENCY: GRL 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(impulsive)  
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.

**Note:**

Few epicentral localizations were calculated during August. Our remote stations stopped successively for more than one reason, always related to the lack of maintenance during the month of July. The network's capacity was restored gradually only after the 22nd of August.

<b>August 1 2006 Hour: 19:16 13.3</b>	<b>Agency: REL Local</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT		
RCY SZ EPg 1916 27.67		
RCY SN ESg 1916 43.02		
BHL BZ EPg 1916 26.46		
BHL BE ESg 1916 39.69		
<b>August 1 2006 Hour: 19:18 3.4</b>	<b>Agency: REL Local</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT		
RCY SN ESg 1918 31.09		
BHL BZ EPg 1918 17.57		
BHL BN ESg 1918 26.60		
RCY SZ EPg 1918 20.69		
<b>August 1 2006 Hour: 19:19 48.8</b>	<b>Agency: REL Local</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT		
RCY SN ESg 1920 20.05		
BHL BZ EPg 1920 6.73		
BHL BN ESg 1920 15.16		
RCY SZ EPg 1920 9.92		
<b>August 2 2006 Hour: 1: 5 49.9</b>	<b>Mgto cf ge'Kupf u'b d?7Q"</b>	<b>Agency: REL Distant</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT		
BHL BZ EP 1 6 1.22		
<b>August 2 2006 Hour: 10: 6 6.9</b>	<b>Agency: REL Local</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT		
RCY SE ESg 10 6 42.64		
BHL BZ EPg 10 6 37.25		
BHL BE ESg 10 6 49.22		
RCY SZ EPg 10 6 34.13		
<b>August 2 2006 Hour: 10:53 0.3</b>	<b>Agency: REL Local</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT		
FKH SZ EPg 1053 29.15		
BHL BZ EPg 1053 44.73		
FKH SN ESg 1053 34.24		
BHL BN ESg 1053 56.20		
<b>August 2 2006 Hour: 11:53 59.6</b>	<b>Agency: REL Local</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT		
RCY SZ EPg 1154 43.56		
BHL BE ESg 1155 1.64		
RCY SN ESg 1154 50.30		
BHL BZ EPg 1154 50.67		
<b>August 2 2006 Hour: 14:57 1.8</b>	<b>'Kpf qpguk'''Oy ?70</b>	<b>Agency: REL Distant</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT		
BHL BZ EP 1458 0.28		
<b>August 2 2006 Hour: 23:48 59.7</b>	<b>Agency: REL Local</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT		
BHL BZ EPg 2350 50.45		
RCY SZ EPg 2350 45.26		
BHL BN ESg 2351 0.85		
RCY SN ESg 2350 49.88		

<b>August 3 2006 Hour: 0:42 56.1</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SN ESG 045 20.71	
BHL BZ EPg 045 20.14	
BHL BN ESG 045 31.60	
RCY SZ EPg 045 13.92	
<b>August 3 2006 Hour: 2:40 59.7</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 241 42.77	
BHL BE ESG 242 0.93	
RCY SN ESG 241 49.66	
BHL BZ EPg 241 49.60	
<b>August 3 2006 Hour: 9:38 0.1</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 938 45.77	
BHL BZ EPg 938 52.87	
RCY SN ESG 938 50.42	
BHL BN ESG 939 5.74	
<b>August 3 2006 Hour: 9:50 0.0</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 950 49.02	
BHL BZ EPg 950 53.78	
BHL BN ESG 951 2.21	
RCY SE ESG 950 53.78	
<b>August 3 2006 Hour: 10: 9 39.0</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EPg 1010 7.39	
RCY SZ EPg 1010 10.17	
BHL BE ESG 1010 9.99	
RCY SE ESG 1010 15.80	
<b>August 3 2006 Hour: 11:30 56.8</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 1131 9.34	
BHL BE ESG 1131 30.55	
RCY SE ESG 1131 23.93	
BHL BZ EPg 1131 18.79	
<b>August 3 2006 Hour: 16:58 50.4</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 1659 19.37	
RCY SE ESG 1659 25.14	
BHL BZ EPg 1659 23.84	
BHL BN ESG 1659 34.21	
<b>August 4 2006 Hour: 1:33 0.2</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 133 53.81	
BHL BN ESG 134 13.80	
RCY SN ESG 134 5.26	
BHL BZ EPg 133 58.89	
<b>August 4 2006 Hour: 2:55 1.7</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 255 49.52	
BHL BZ EPg 255 43.93	
RCY SN ESG 255 59.62	
BHL BN ESG 255 47.89	

**August 5 2006 Hour: 1:6 50.5**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1	7	8.17							
BHL	BZ			EPg		1	7	12.11							
BHL	BN			ESg		1	7	26.35							
RCY	SE			ESg		1	7	17.58							

**August 5 2006 Hour: 1:18 28.4**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		119		42.88							
RCY	SE			ESg		119		52.73							
BHL	BZ			EPg		119		36.34							
BHL	BE			ESg		119		39.38							

**August 5 2006 Hour: 1:49 0.2**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		150		5.75							
BHL	BZ			EPg		149		59.35							
RCY	SN			ESg		150		12.85							
BHL	BN			ESg		150		2.42							

**August 5 2006 Hour: 2:15 35.0**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		216		19.15							
RCY	SE			ESg		216		22.43							
BHL	BZ			EPg		216		22.93							
BHL	BN			ESg		216		29.03							

**August 5 2006 Hour: 2:20 23.6**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		222		34.78							
BHL	BZ			EPg		222		38.16							
RCY	SN			ESg		222		38.50							
BHL	BN			ESg		222		44.54							

**August 5 2006 Hour: 11:1 52.2**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		11	2	12.07							
BHL	BZ			EPg		11	2	15.35							
RCY	SN			ESg		11	2	19.72							
BHL	BN			ESg		11	2	26.43							

**August 5 2006 Hour: 11:17 0.7**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1117		28.88							
BHL	BZ			EPg		1117		32.47							
RCY	SN			ESg		1117		37.04							
BHL	BE			ESg		1117		43.80							

**August 5 2006 Hour: 12:44 22.1 Lat: 34.48N Lon: 36.85E Depth: 0 Agency: REL Local  
Magnitudes: 3.2MC REL Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	49	237	EPg		1244		29.06-0.93							1.0
FKH	SN	49	237	ESg		1244		34.57-1.27							1.0
BHL	BZ	127	240	EPg		1244		43.24 0.66							1.0
BHL	BN	127	240	ESg		1244		58.89 1.15							1.0
RCY	SZ	145	221	EPg		1244		45.79 0.24		64					1.0
RCY	SE	145	221	ESg		1245		3.06 0.15							1.0

<b>August 5 2006 Hour: 14:45 58.9</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
FKH SZ EPg 1446 35.70	
BHL BZ EPg 1446 51.01	
FKH SE ESg 1446 40.71	
BHL BN ESg 1447 5.04	
<b>August 5 2006 Hour: 17:10 34.3</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 1710 55.89	
BHL BN ESg 1711 11.25	
RCY SN ESg 1711 1.01	
BHL BZ EPg 1711 0.52	
<b>August 6 2006 Hour: 2:18 36.1</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 219 4.82	
BHL BZ EPg 219 9.37	
BHL BN ESg 219 15.23	
RCY SN ESg 219 7.82	
<b>August 6 2006 Hour: 2:19 26.8</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 219 34.50	
RCY SN ESg 219 37.33	
BHL BZ EPg 219 39.12	
BHL BN ESg 219 44.79	
<b>August 6 2006 Hour: 7:52 11.2</b>	<b>Agency: REL Regional</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
FKH SZ EP 753 11.74	
BHL BZ EP 753 9.85	
<b>August 6 2006 Hour: 8:39 59.0</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
FKH SZ EPg 840 44.11	
FKH SN ESg 840 50.58	
BHL BZ EPg 840 58.09	
BHL BN ESg 841 9.62	
<b>August 6 2006 Hour: 14:31 1.3    'Velkukwep'''b d?708</b>	<b>Agency: REL Distant</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EP 1432 51.87	
<b>August 6 2006 Hour: 15:31 58.2</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 1533 2.00	
BHL BZ EPg 1533 10.80	
RCY SE ESg 1533 10.07	
BHL BE ESg 1533 20.52	
<b>August 6 2006 Hour: 17:55 58.1</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 1756 49.59	
RCY SE ESg 1756 59.55	
BHL BZ EPg 1756 56.93	
BHL BN ESg 1757 10.22	

**August 6 2006 Hour: 18:29 4.9** **Dqplp'Kurpf u"b d?70 "** **Agency: REL Distant**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EP		1829	33.08								
BHL	BZ			EP		1829	38.23								

**August 6 2006 Hour: 18:55 18.9** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		1855	30.44								
BHL	BN			ESg		1855	36.06								
RCY	SZ			EPg		1855	36.09								
RCY	SN			ESg		1855	47.96								

**August 6 2006 Hour: 21:18 53.4** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2119	13.45								
BHL	BE			ESg		2119	33.08								
RCY	SN			ESg		2119	22.71								
BHL	BZ			EPg		2119	18.98								

**August 6 2006 Hour: 21:43 6.4** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2143	20.96								
BHL	BZ			EPg		2143	28.76								
RCY	SN			ESg		2143	31.16								
BHL	BE			ESg		2143	39.58								

**August 6 2006 Hour: 21:50 19.4** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2150	34.14								
RCY	SE			ESg		2150	43.84								
BHL	BZ			EPg		2150	42.50								
BHL	BN			ESg		2150	56.23								

**August 6 2006 Hour: 21:58 34.9** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2158	57.06								
BHL	BZ			EPg		2159	3.45								
BHL	BE			ESg		2159	15.81								
RCY	SE			ESg		2159	7.57								

**August 6 2006 Hour: 22:20 44.9** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		2221	5.18								
RCY	SN			ESg		2221	13.59								
BHL	BE			ESg		2221	8.13								
RCY	SZ			EPg		2221	6.86								

**August 6 2006 Hour: 23:24 25.5** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2324	51.47								
RCY	SN			ESg		2324	59.93								
BHL	BZ			EPg		2324	55.75								
BHL	BE			ESg		2325	6.93								

**August 7 2006 Hour: 7:58 58.7** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		8 0	0.92								
BHL	BE			ESg		8 0	22.17								
RCY	SE			ESg		8 0	11.12								
BHL	BZ			EPg		8 0	9.73								

**August 7 2006 Hour: 9:27 10.0 Lat: 33.06N Lon: 35.70E Depth: 66 Agency: REL Local  
Magnitudes: 2.9MC REL**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ	49	13	EPg		927	21.55	0.00	46						1.0
RCY	SN	49	13	ESg		927	30.07	0.00							1.0
MATL	SZ	59	324	EPg		927	22.22	0.00							1.0
BHL	SZ	94	358	EPg		927	25.86	0.00							1.0

**August 7 2006 Hour: 9:29 44.8** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		930	37.49								
BHL	BN			ESg		930	56.57								
RCY	SN			ESg		930	45.63								
BHL	BZ			EPg		930	46.15								

**August 7 2006 Hour: 10:32 0.3** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		1032	43.63								
RCY	SZ			EPg		1032	37.09								
RCY	SN			ESg		1032	45.47								
BHL	BE			ESg		1032	55.23								

**August 7 2006 Hour: 11:54 6.8** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ			EPg		1154	30.50								
BHL	BZ			EPg		1154	48.43								
FKH	SN			ESg		1154	35.85								
BHL	BN			ESg		1155	2.71								

**August 7 2006 Hour: 22:34 20.5 'Xcpwew'"Oy ?80** **Agency: REL Distant**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		2237	43.66								

**August 7 2006 Hour: 23:11 0.8** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2311	27.05								
RCY	SN			ESg		2311	34.09								
BHL	BZ			EPg		2311	35.92								
BHL	BE			ESg		2311	45.98								

**August 8 2006 Hour: 16:18 59.4** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1619	40.11								
BHL	BZ			EPg		1619	46.93								
BHL	BN			ESg		1619	57.39								
RCY	SE			ESg		1619	45.92								

**August 8 2006 Hour: 20:21 42.1** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2022	10.63								
BHL	BZ			EPg		2022	16.22								
BHL	BN			ESg		2022	26.23								
RCY	SE			ESg		2022	16.05								

**August 9 2006 Hour: 0:11 15.2** **Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			IPg		011	44.32								
RCY	SN			ISg		011	50.34								
BHL	BZ			IPg		011	48.91								
BHL	BN			ISg		011	58.29								

**August 9 2006 Hour: 3:32 54.1**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg			334	0.01							
RCY	SN			ESg			334	6.82							
BHL	BZ			EPg			334	6.15							
BHL	BN			ESg			334	15.65							

**August 9 2006 Hour: 10:51 56.0 Lat: 33.18N Lon: 35.61E Depth: 27 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
RCY	SZ	39	29	EPg		1052	3.69	0.20	61						1.0
RCY	SE	39	29	ESg		1052	8.90	-0.11							1.0
MATL	SZ	43	322	EPg		1052	3.93	0.00							1.0
BHL	BZ	81	3	EPg		1052	8.94	-0.20							1.0
BHL	BN	81	3	ESg		1052	18.94	0.11							1.0

**August 9 2006 Hour: 21:43 50.0**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2145	14.11								
BHL	BZ			EPg		2145	19.28								
BHL	BN			ESg		2145	30.35								
RCY	SE			ESg		2145	18.85								

**August 9 2006 Hour: 22:14 59.5**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2215	56.17								
BHL	BZ			EPg		2216	1.76								
BHL	BN			ESg		2216	12.23								
RCY	SE			ESg		2216	1.34								

**August 10 2006 Hour: 10:0 48.5**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		10	3	26.84							
BHL	BZ			EPg		10	3	29.58							
BHL	BN			ESg		10	3	41.03							
RCY	SN			ESg		10	3	34.42							

**August 10 2006 Hour: 10:25 24.0**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1026	9.99								
BHL	BZ			EPg		1026	17.32								
RCY	SN			ESg		1026	16.01								
BHL	BE			ESg		1026	25.44								

**August 10 2006 Hour: 10:30 2.5**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1030	30.36								
BHL	BZ			EPg		1030	32.25								
BHL	BE			ESg		1030	44.57								
RCY	SN			ESg		1030	37.97								

**August 10 2006 Hour: 10:41 0.7**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		1041	27.93								
RCY	SZ			EPg		1041	29.82								
RCY	SN			ESg		1041	47.41								
BHL	BN			ESg		1041	41.86								

**August 10 2006 Hour: 13:54 1.3** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		1354	48.80								
RCY	SZ			EPg		1354	50.57								
RCY	SE			ESg		1355	8.95								
BHL	BE			ESg		1355	6.00								

**August 10 2006 Hour: 17:23 58.0** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1724	29.93								
BHL	BZ			EPg		1724	35.28								
RCY	SE			ESg		1724	34.56								
BHL	BN			ESg		1724	46.36								

**August 10 2006 Hour: 18:16 0.2 'Utkc"ON?50** Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPn		1817	26.53								
RCY	SZ			EPn		1817	28.19								

**August 11 2006 Hour: 1:2 59.2** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1	4	15.66							
RCY	SE			ESg		1	4	19.31							
BHL	BZ			EPg		1	4	20.01							
BHL	BE			ESg		1	4	28.77							

**August 11 2006 Hour: 1:11 22.7** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		111	49.74								
BHL	BZ			EPg		111	54.09								
BHL	BN			ESg		112	2.34								
RCY	SE			ESg		111	54.57								

**August 11 2006 Hour: 1:27 0.1** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		128	1.50								
BHL	BZ			EPg		128	7.50								
BHL	BN			ESg		128	15.09								
RCY	SE			ESg		128	5.72								

**August 11 2006 Hour: 9:33 0.7** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		934	12.90								
RCY	SZ			EPg		934	20.19								
BHL	BE			ESg		934	15.48								
RCY	SE			ESg		934	27.75								

**August 11 2006 Hour: 15:15 30.9** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1517	28.99								
BHL	BN			ESg		1517	45.45								
RCY	SE			ESg		1517	38.91								
BHL	BZ			EPg		1517	33.46								

**August 11 2006 Hour: 21:3 28.4 'Kpf qpguk'''Oy ?804** Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		21	4	49.84							

**August 11 2006 Hour: 21:40 44.0 Lat: 33.13N Lon: 35.62E Depth: 13 Agency: REL Local  
Magnitudes: 2.4MC REL**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ	44	26	EPg		2140	50.97	-0.56	26						1.0
RCY	SE	44	26	ESg		2140	57.48	0.41							1.0
MATL	SZ	48	326	EPg		2140	52.18	0.08							1.0
BHL	BZ	86	2	EPg		2140	58.69	0.55							1.0
BHL	BN	86	2	ESg		2141	8.08	-0.49							1.0

**August 11 2006 Hour: 21:41 36.9 Lat: 33.11N Lon: 35.63E Depth: 25 Agency: REL Local  
Magnitudes: 2.5MC REL**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ	45	23	EPg		2141	45.21	0.09	28						1.0
RCY	SE	45	23	ESg		2141	51.11	-0.05							1.0
MATL	SZ	50	327	EPg		2141	45.67	0.00							1.0
BHL	BZ	88	2	EPg		2141	51.00	-0.09							1.0
BHL	BE	88	2	ESg		2142	1.61	0.05							1.0

**August 11 2006 Hour: 21:48 40.8**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2148	53.24								
BHL	BZ			EPg		2148	59.52								
RCY	SN			ESg		2148	58.75								
BHL	BE			ESg		2149	10.19								

**August 11 2006 Hour: 21:49 47.8**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2150	10.43								
BHL	BE			ESg		2150	26.52								
RCY	SE			ESg		2150	15.91								
BHL	BZ			EPg		2150	16.14								

**August 11 2006 Hour: 21:57 57.5**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2158	29.87								
BHL	BZ			EPg		2158	35.73								
BHL	BE			ESg		2158	46.65								
RCY	SE			ESg		2158	35.58								

**August 11 2006 Hour: 22:10 34.0**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		2211	2.99								
RCY	SE			ESg		2211	7.93								
BHL	BZ			EPg		2211	5.04								
BHL	BN			ESg		2211	11.67								

**August 12 2006 Hour: 1:52 59.8**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		153	52.79								
BHL	BZ			EPg		153	56.46								
RCY	SE			ESg		154	1.61								
BHL	BN			ESg		154	6.61								

**August 12 2006 Hour: 3:51 11.3**

**Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		351	29.12								
BHL	BZ			EPg		351	30.74								
BHL	BN			ESg		351	39.57								
RCY	SN			ESg		351	36.05								

**August 12 2006 Hour: 4:353.7****Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		4	4	15.92							
BHL	BE			ESg		4	4	30.86							
RCY	SN			ESg		4	4	22.24							
BHL	BZ			EPg		4	4	20.34							

**August 12 2006 Hour: 7:31 1.3****Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		732		13.07							
BHL	BZ			EPg		732		18.22							
RCY	SE			ESg		732		18.57							
BHL	BN			ESg		732		25.10							

**August 12 2006 Hour: 10:3 0.1****Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		10	3	44.62							
BHL	BZ			EPg		10	3	47.88							
RCY	SE			ESg		10	3	51.82							
BHL	BE			ESg		10	3	56.42							

**August 12 2006 Hour: 15:33 0.2****Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1534		6.87							
BHL	BE			ESg		1534		20.33							
RCY	SN			ESg		1534		14.79							
BHL	BZ			EPg		1534		12.94							

**August 12 2006 Hour: 17:36 17.1****Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1737		0.47							
BHL	BE			ESg		1737		16.12							
RCY	SN			ESg		1737		7.26							
BHL	BZ			EPg		1737		6.45							

**August 12 2006 Hour: 18:50 40.1 'T{wm{wKrepf u'b d?78****Agency: REL Distant**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1851		13.77							
RCY	SZ			EP		1851		15.01							

**August 12 2006 Hour: 19:15 1.9****Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1915		58.67							
BHL	BE			ESg		1916		15.90							
RCY	SN			ESg		1916		4.47							
BHL	BZ			EPg		1916		5.55							

**August 13 2006 Hour: 0:30 52.8****Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		031		59.67							
BHL	BZ			EPg		032		5.93							
RCY	SN			ESg		032		8.54							
BHL	BN			ESg		032		15.88							

**August 13 2006 Hour: 0:44 24.9****Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		044		45.26							
RCY	SE			ESg		044		53.07							
BHL	BZ			EPg		044		51.71							
BHL	BE			ESg		045		2.10							

**August 13 2006 Hour: 0:59 38.8** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		1	0	32.10							
BHL	BZ			EPg		1	0	38.10							
RCY	SE			ESg		1	0	38.77							
BHL	BN			ESg		1	0	45.11							

**August 13 2006 Hour: 1:14 9.5** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		114		45.07							
BHL	BZ			EPg		114		51.42							
RCY	SE			ESg		114		53.27							
BHL	BN			ESg		115		1.10							

**August 13 2006 Hour: 1:30 21.5** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		131		9.41							
RCY	SZ			EPg		131		2.72							
RCY	SN			ESg		131		10.09							
BHL	BN			ESg		131		19.91							

**August 13 2006 Hour: 3:34 0.2** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		334		26.00							
BHL	BZ			EPg		334		32.61							
RCY	SN			ESg		334		32.09							
BHL	BN			ESg		334		42.20							

**August 13 2006 Hour: 3:56 46.2** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		357		36.54							
BHL	BN			ESg		357		52.72							
RCY	SN			ESg		357		44.94							
BHL	BZ			EPg		357		40.95							

**August 13 2006 Hour: 7:9 59.7** 'Vwtmg!/\_Utkc'dqtf gt'OF?56 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPn		710		18.94							
BHL	BZ			EPn		710		11.64							

**August 13 2006 Hour: 8:51 31.5** 'Uwo ctc'"b d?70 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		852		1.46							
RCY	SZ			EP		852		0.22							

**August 13 2006 Hour: 10:12 46.0** 'Mgt o cf ge'Knpf u'b d?70 Agency: REL Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EP		1013		0.54							

**August 13 2006 Hour: 10:36 32.5** 'Etgyg'"b d?70 Agency: REL Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPn		1036		57.17							
RCY	SZ			EPn		1037		1.20							

**August 13 2006 Hour: 12:41 22.1** Agency: REL Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHL	BZ			EPg		1241		49.00							
RCY	SZ			EPg		1241		48.64							
RCY	SN			ESg		1241		54.85							
BHL	BE			ESg		1241		55.58							

<b>August 13 2006 Hour: 16:449.4</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 16 5 32.28	
BHL BZ EPg 16 5 34.37	
RCY SE ESG 16 5 46.02	
BHL BE ESG 16 5 46.95	
<b>August 13 2006 Hour: 18:25 47.7</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 1826 29.76	
RCY SN ESG 1826 38.38	
BHL BZ EPg 1826 35.31	
BHL BN ESG 1826 46.94	
<b>August 13 2006 Hour: 18:32 59.9</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
RCY SZ EPg 1833 44.79	
RCY SE ESG 1833 59.64	
BHL BZ EPg 1833 51.18	
BHL BE ESG 1834 6.64	
<b>August 14 2006 Hour: 16:29 35.1</b>	<b>Agency: REL Regional</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EPn 1629 39.93	
<b>August 15 2006 Hour: 11:22 7.7</b>	<b>Agency: REL Regional</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EPn 1122 23.48	
<b>August 15 2006 Hour: 18:5 17.5 'HRRKepf u'"b d?70</b>	<b>Agency: REL Distant</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EP 18 5 27.84	
<b>August 16 2006 Hour: 0:13 1.5 'HRRKepf u'"b d?80</b>	<b>Agency: REL Distant</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EP 013 13.36	
<b>August 16 2006 Hour: 2:56 57.3</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EPg 257 2.79	
BHL BN ESG 257 7.65	
<b>August 16 2006 Hour: 13:37 8.1</b>	<b>Agency: REL Regional</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EPn 1337 13.50	
<b>August 16 2006 Hour: 18:49 26.8 'Jpf kcp'tlf g'"b d?70</b>	<b>Agency: REL Distant</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EP 1849 54.47	
<b>August 16 2006 Hour: 19:19 35.1 'Etgyg'"b d?60</b>	<b>Agency: REL Regional</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EPn 1919 39.12	
<b>August 17 2006 Hour: 4:6 0.4</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EPg 4 7 4.22	
HWQ SZ EPg 4 7 11.98	
BHL BN ESG 4 7 8.36	
HWQ SN ESG 4 7 19.78	

<b>August 17 2006 Hour: 11:13 0.4</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EPg 1113 45.78	
HWQ SZ EPg 1113 47.08	
BHL BE ESg 1113 57.68	
HWQ SE ESg 1113 58.59	
<b>August 17 2006 Hour: 11:22 51.6 'Mo ej cvar'''b d?80</b>	<b>Agency: REL Distant</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EP 1123 35.90	
<b>August 17 2006 Hour: 15:31 58.9 'Ucnj cirk'Twukc''b d?70</b>	<b>Agency: REL Distant</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EP 1532 21.93	
<b>August 17 2006 Hour: 18:32 0.5</b>	<b>Agency: REL Regional</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
HWQ SZ EPn 1832 47.63	
BHL BZ EPn 1832 54.26	
<b>August 19 2006 Hour: 1:21 0.0</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EPg 121 34.60	
BHL BE ESg 121 41.69	
HWQ SZ EPg 121 32.97	
HWQ SN ESg 121 38.57	
<b>August 19 2006 Hour: 10:47 38.2 'HRKKirpf u'b d?70</b>	<b>Agency: REL Distant</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EP 1047 53.75	
<b>August 19 2006 Hour: 11:34 0.3</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
HWQ SZ EPg 1134 48.04	
BHL BZ EPg 1134 54.46	
HWQ SN ESg 1134 57.72	
BHL BE ESg 1135 10.50	
<b>August 19 2006 Hour: 11:58 0.1</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
HWQ SZ EPg 1158 49.81	
BHL BZ EPg 1158 58.28	
HWQ SN ESg 1158 55.18	
<b>August 20 2006 Hour: 3:12 15.0 'MwtldKirpf u'b d?70</b>	<b>Agency: REL Distant</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EP 313 16.76	
<b>August 20 2006 Hour: 10:25 1.2</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
HWQ SZ EPg 1026 0.90	
HWQ SE ESg 1026 13.96	
BHL BZ EPg 1026 1.38	
BHL BN ESg 1026 13.85	
<b>August 20 2006 Hour: 11:34 0.1</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
HWQ SZ EPg 1134 38.75	
BHL BZ EPg 1134 44.83	
HWQ SN ESg 1134 46.90	
BHL BN ESg 1135 0.53	

<b>August 20 2006 Hour: 12:29 0.8</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
HWQ SZ EPg 1229 19.74	
BHL BN ESG 1229 39.03	
HWQ SN ESG 1229 27.88	
BHL BZ EPg 1229 25.84	
<b>August 21 2006 Hour: 8:49 0.3</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ IPg 849 58.28	
HWQ SZ EPg 850 5.14	
HWQ SN ESG 850 13.80	
BHL BN ISg 850 1.46	
<b>August 21 2006 Hour: 8:50 14.9</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ IPg 850 18.92	
HWQ SZ EPg 850 27.77	
BHL BN ISg 850 22.71	
HWQ SE ESG 850 35.93	
<b>August 21 2006 Hour: 10:3 0.9</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
HWQ SZ EPg 10 4 53.00	
BHL BZ EPg 10 4 54.22	
HWQ SN ESG 10 5 7.06	
BHL BN ESG 10 5 9.21	
<b>August 21 2006 Hour: 13:14 17.7 Lat: 34.43N Lon: 36.78E Depth: 0 Agency: REL Local Magnitudes: 2.9MC REL Rms: 0.4 secs</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
FKH SZ 41 238 EPg 1314 23.73-0.67 51 1.0	
FKH SN 41 238 ESG 1314 29.02-0.33 1.0	
HWQ SZ 79 258 EPg 1314 30.63 0.19 1.0	
HWQ SN 79 258 ESG 1314 39.63-0.23 1.0	
BHL BZ 120 241 EPg 1314 37.49 0.49 1.0	
BHL BN 120 241 ESG 1314 51.81 0.54 1.0	
<b>August 21 2006 Hour: 22:38 30.5 Lat: 33.45N Lon: 35.44E Depth: 20 Agency: REL Local Magnitudes: 2.3MC REL Rms: 0.6 secs</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
MATL SZ 11 294 EPg 2238 34.51 0.26 1.0	
BHL BZ 55 21 EPg 2238 39.12-0.55 22 1.0	
BHL BN 55 21 ESG 2238 45.95-0.49 1.0	
HWQ SN 103 27 ESG 2238 59.60 0.78 1.0	
<b>August 22 2006 Hour: 8:45 48.2 Lat: 33.16N Lon: 35.09E Depth: 21 Agency: REL Local Magnitudes: 2.8MC REL Rms: 0.2 secs</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
MATL SZ 43 32 EPg 845 55.75 0.07 45 1.0	
BHL BZ 98 32 EPg 846 3.29-0.37 1.0	
BHL BN 98 32 ESG 846 15.02-0.05 1.0	
HWQ SZ 147 32 EPg 846 11.21 0.29 1.0	
HWQ SE 147 32 ESG 846 27.76 0.06 1.0	
<b>August 22 2006 Hour: 9:16 8.1 Fqf gecpgug'Kcpf u'b d?60"</b>	<b>Agency: REL Regional</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
MATL SZ EPn 924 58.46	
BHL BZ EPn 925 3.65	
HWQ SZ EPn 925 5.59	

<b>August 22 2006 Hour: 10:16 0.2</b>	<b>Agency: REL Local</b>
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EPg 1016 45.15	
HWQ SE ESG 1016 59.04	
BHL BN ESG 1016 56.66	
HWQ SZ EPg 1016 46.13	
<b>August 22 2006 Hour: 11:44 38.1 Lat: 34.48N Lon: 36.91E Depth: 0 Agency: REL Local Magnitudes: 3.1MC REL Rms: 0.5 secs</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
FKH SZ 54 241 EPg 1144 46.27-0.54 70 1.0	
FKH SE 54 241 ESG 1144 52.62-0.65 1.0	
HWQ SZ 92 256 EPg 1144 52.86 0.00 1.0	
HWQ SE 92 256 ESG 1145 3.73-0.07 1.0	
BHL BZ 132 242 EPg 1144 59.96 0.55 1.0	
BHL BN 132 242 ESG 1145 15.92 0.71 1.0	
<b>August 22 2006 Hour: 13:39 26.1 Lat: 34.71N Lon: 36.39E Depth: 0 Agency: REL Local Magnitudes: 3.1MC REL Rms: 0.7 secs</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
FKH SZ 53 179 EPg 1339 33.77-0.88 66 1.0	
FKH SE 53 179 ESG 1339 41.36 0.42 1.0	
HWQ SZ 63 220 EPg 1339 36.43 0.13 1.0	
HWQ SN 63 220 ESG 1339 42.72-1.09 1.0	
BHL BZ 112 217 EPg 1339 45.04 0.80 1.0	
BHL BN 112 217 ESG 1339 58.26 0.63 1.0	
<b>August 22 2006 Hour: 13:45 19.2 Lat: 34.64N Lon: 36.41E Depth: 0 Agency: REL Local Magnitudes: 2.8MC REL Rms: 0.6 secs</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
FKH SZ 45 181 EPg 1345 25.65-0.76 43 1.0	
FKH SE 45 181 ESG 1345 32.08 0.31 1.0	
HWQ SZ 58 227 EPg 1345 28.70 0.12 1.0	
HWQ SN 58 227 ESG 1345 34.67-0.87 1.0	
BHL SZ 107 221 EPg 1345 37.16 0.72 1.0	
BHL SN 107 221 ESG 1345 49.69 0.47 1.0	
<b>August 22 2006 Hour: 17:3 12.4 <a href="#">Mwt kikrepf u'b d?70"</a> Agency: REL Distant</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EP 17 3 25.92	
<b>August 22 2006 Hour: 18:30 5.8 <a href="#">'HRRKrepf u'"b d?70"</a> Agency: REL Distant</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
FKH SZ EP 1830 34.84	
BHL BZ EP 1830 36.51	
<b>August 22 2006 Hour: 21:18 33.5 <a href="#">'HRRKrepf u'"b d?70"</a> Agency: REL Distant</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
BHL BZ EP 2118 42.23	
<b>August 23 2006 Hour: 10:28 4.4 Lat: 33.67N Lon: 36.99E Depth: 19 Agency: REL Local Magnitudes: 2.9MC REL Rms: 0.2 secs</b>	
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT	
FKH SZ 84 319 EPg 1028 17.55-0.19 1.0	
FKH SN 84 319 ESG 1028 27.73 0.11 1.0	
HWQ SZ 118 305 EPg 1028 22.59-0.23 46 1.0	
HWQ SN 118 305 ESG 1028 36.59 0.13 1.0	
BHL SZ 127 282 EPg 1028 24.49 0.42 1.0	
BHL SE 127 282 ESG 1028 38.41-0.24 1.0	

**August 23 2006 Hour: 23:33 47.4 Pgy 'Dtkclp'tgi kp' Oy ?78"** **Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 2333 58.94

**August 24 2006 Hour: 10:15 1.0** **Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EPg 1015 53.26  
 HWQ SZ EPg 1015 54.85  
 BHL BN ESG 1016 6.09  
 HWQ SE ESG 1016 7.25

**August 24 2006 Hour: 14:18 0.2** **Agency: REL Local**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 HWQ SZ EPg 1419 11.65  
 BHL BZ EPg 1419 18.38  
 HWQ SN ESG 1419 20.24  
 BHL BN ESG 1419 33.84

**August 24 2006 Hour: 22:1 11.5 Kamchatka Mw=6.5** **Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BEYL BZ EP 22 2 47.43  
 BHL BZ EP 22 2 48.09

**August 25 2006 Hour: 1:2 7.5 Argentina Mw=6.6** **Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 1 3 50.95  
 BEYL BZ EP 1 3 50.07

**August 25 2006 Hour: 6:1 27.7 China mb=5.3** **Agency: REL Distant**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ EP 6 1 36.86

**August 26 2006 Hour: 11:16 51.8 Lat: 34.62N Lon: 36.11E 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  
 HWQ SZ 41 202 EPg 1116 58.36-0.01 41 1.0  
 HWQ SE 41 202 ESG 1117 2.59-0.62 1.0  
 BHL SZ 90 208 EPg 1117 6.43 0.16 1.0  
 BHL SE 90 208 ESG 1117 17.20 0.23 1.0

**August 26 2006 Hour: 12:56 36.7 Lat: 34.74N Lon: 36.67E Depth: 14 Agency: REL Local**  
**Rms: 0.1 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 HWQ SZ 84 232 EPg 1256 50.11 0.09 55 1.0  
 HWQ SN 84 232 ESG 1256 59.82-0.06 1.0  
 BHL BZ 132 225 EPg 1256 57.03-0.01 1.0  
 BHL BN 132 225 ESG 1257 12.10 0.01 1.0

**August 26 2006 Hour: 23:37 58.3 Lat: 34.23N Lon: 35.33E Depth: 11 Agency: REL Local**  
**Rms: 0.1 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BHL BZ 47 139 EPg 2338 6.30 0.19 32 1.0  
 BHL BN 47 139 ESG 2338 11.80-0.11 1.0  
 HWQ SZ 58 84 EPg 2338 7.60-0.19 1.0  
 HWQ SE 58 84 ESG 2338 14.94 0.11 1.0

**August 26 2006 Hour: 23:52 9.8 Andreanof Islands 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 2353 33.44

**August 27 2006 Hour: 10:3 38.8 Lat: 34.48N Lon: 36.85E Depth: 0 Agency: REL Local Magnitudes: 2.7MC REL**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	50	237	EPg		10	3	46.03-0.83	40						1.0
FKH	SN	50	237	ESg		10	3	52.09-0.72							1.0
HWQ	SZ	87	255	EPg		10	3	53.63 0.86							1.0
HWQ	SE	87	255	ESg		10	4	2.30-0.79							1.0
BHL	SN	128	240	ESg		10	4	16.19 1.48							1.0

**August 27 2006 Hour: 17:22 8.7 Taiwan region 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		1722		37.09							
BHL	BZ			EP		1722		40.13							

**August 28 2006 Hour: 10:36 43.3 Lat: 34.40N Lon: 36.74E Depth: 0 Agency: REL Local Magnitudes: 2.9MC REL Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FKH	SZ	36	240	EPg		1036		47.92-1.18	54						1.0
FKH	SN	36	240	ESg		1036		53.03-0.39							1.0
HWQ	SZ	74	260	EPg		1036		55.40 0.13							1.0
HWQ	SN	74	260	ESg		1037		3.99-0.16							1.0
BHL	BZ	114	242	EPg		1037		2.77 1.06							1.0
BHL	BN	114	242	ESg		1037		15.89 0.54							1.0

**August 29 2006 Hour: 11:5 33.3 Molucca Sea mb=5.7 Agency: REL Distant**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EP		11	6	2.06							
BHL	BZ			EP		11	6	2.00							

**August 29 2006 Hour: 11:6 59.7 Agency: REL Local**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ			EPg		11	8	17.84							
BHL	BZ			EPg		11	8	20.61							
RCY	SE			ESg		11	8	25.07							
BHL	BE			ESg		11	8	31.69							

**August 29 2006 Hour: 11:21 3.1 Lat: 33.58N Lon: 36.59E Depth: 0 Agency: REL Local Magnitudes: 2.8MC REL Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RCY	SZ	72	262	EPg		1121		14.60-0.17	40						1.0
RCY	SE	72	262	ESg		1121		22.69-0.71							1.0
BHL	BZ	94	293	EPg		1121		17.44-0.81							1.0
BHL	BN	94	293	ESg		1121		29.42-0.02							1.0
HWQ	SZ	98	323	EPg		1121		18.93 0.06							1.0
HWQ	SN	98	323	ESg		1121		31.12 0.59							1.0

**August 29 2006 Hour: 12:34 51.8 Lat: 34.80N Lon: 36.77E Depth: 32 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
HWQ	SZ	96	233	EPg		1235		7.42 0.18	50						1.0
HWQ	SE	96	233	ESg		1235		18.74 0.07							1.0
BHL	BZ	143	226	EPg		1235		13.30-0.78							1.0
BHL	BE	143	226	ESg		1235		30.82 0.24							1.0
RCY	SZ	171	211	EPg		1235		17.94-0.15							1.0
RCY	SN	171	211	ESg		1235		37.02-0.54							1.0

**August 29 2006 Hour: 19:54 39.6 Lat: 35.87N Lon: 37.49E Depth: 0 Agency: REL Regional Magnitudes: 3.4MC REL Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	226	219	EPn		1955		14.05 0.22	86						1.0
HWQ	SN	226	219	Sn		1955		39.20 0.03							1.0
BHL	BZ	276	218	EPn		1955		19.42-0.52							1.0
BHL	BE	276	218	Sn		1955		49.97 0.17							1.0

RCY SN 306 211 Sn 1955 55.84-0.63 1.0

**August 29 2006 Hour: 19:58 3.6** **Agency: REL Regional**  
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
BHL BZ EPn 2016 34.26  
RCY SZ EPn 2016 34.49  
HWQ SZ EPn 2016 35.24

**August 30 2006 Hour: 10:11 48.9 Lat: 33.57N Lon: 36.48E Depth: 0 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
RCY	SZ	62	262	EPg		1011	58.16-0.73	38							1.0
RCY	SN	62	262	ESg		1012	6.61	0.35							1.0
BHL	BZ	85	296	EPg		1012	3.63	1.00							1.0
BHL	BE	85	296	ESg		1012	12.30-0.46								1.0
HWQ	SZ	93	328	EPg		1012	3.70-0.22								1.0
HWQ	SN	93	328	ESg		1012	15.08	0.06							1.0

**August 30 2006 Hour: 10:26 59.4** **Agency: REL Local**  
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
HWQ SN ESg 1027 52.07  
BHL BZ EPg 1027 40.82  
BHL BE ESg 1027 49.53  
HWQ SZ EPg 1027 45.13

**August 30 2006 Hour: 10:33 0.9** **Agency: REL Local**  
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
HWQ SZ EPg 1033 55.54  
BHL BE ESg 1034 4.30  
HWQ SN ESg 1034 5.51  
BHL BZ EPg 1033 53.18

**August 31 2006 Hour: 3:7 26.4 Lat: 35.28N Lon: 38.04E Depth: 0 Agency: REL Regional Magnitudes: 3.7MC REL Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HWQ	SZ	221	241	EP		3	7	59.36-0.70							1.0
HWQ	SN	221	241	ES		3	8	26.04	1.08						1.0
BHL	BZ	267	236	EP		3	8	4.98-0.68	111						1.0
BHL	BN	267	236	ES		3	8	35.15	0.44						1.0
RCY	SZ	285	226	EP		3	8	7.38-0.59							1.0
RCY	SE	285	226	ES		3	8	39.11	0.37						1.0
MATL	SZ	319	232	EP		3	8	12.39	0.39						1.0

**August 31 2006 Hour: 8:7 43.5 Molucca Sea mb=5.9** **Agency: REL Distant**  
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
FKH SZ EP 821 20.75  
RCY SZ EP 821 22.60  
BHL BZ EP 821 22.96

**August 31 2006 Hour: 23:9 53.3 Ryukyu Islands Mw=5.5** **Agency: REL Distant**  
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
RCY SZ EP 2310 21.51  
BHL BZ EP 2310 20.57

# Epicentral Map of Lebanon

## August 2006

