

*Syrian Arab Republic*  
*Ministry of Petroleum and Mineral Resources*  
*National Earthquake Center*

# Seismological Bulletin

from the

National Seismological Network  
(*SNSN*)

*March*

*2009*

*Prepared by*

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GENERAL BULLETIN INFORMATION

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 model used for all local and regional events, except for the Arctic island Jan Mayen, is published by Havskov and Bungum (1987).

P-wave velocity (km/sec) depth to top of layer (km)

5.68	0.0
5.87	4.0
6.18	10.00
6.74	18.00
8.00	37.50
8.00	50.00

Magnitudes are calculated from coda duration and/or amplitudes. The coda wave magnitude is estimated via the formula (Engell-Sorensen, personal communication):

$$M_c = -3.0 + 2.6 * \log_{10}(T) + 0.001 * D.$$

where T is the coda duration (sec) and D is the epicentral distance (km).

If instrument corrected maximum ground amplitudes A(nm) are available, local magnitude M<sub>l</sub> is calculated by the following formula (Alsaker et al., 1991):

$$M_l = 0.925 * \log(A) + 0.91 * \log(D) + 0.00087 * D - 1.31$$

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 around Jan Mayen 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 those operated by the National Earthquake center (NEC).

STATION	LATITUDE	LONGITUDE	HEIGHT (m)	NAME
SALM	3612.83N	3755.67E	510	salma
HAWK	3431.27N	3624.33E	1000	HAWEEK
JHLN	3539.88N	3826.01E	389	JAHLAN
BIDA	3502.74N	3618.91E	890	BIDA
KFRA	3512.70N	3647.87E	650	KfRAa
ZALF	3255.37N	3720.12E	670	ZALF
SALA	3242.65N	3643.90E	1740	SALA
TOTH	3321.68N	3625.73E	696	TOTAH
TCHB	3240.00N	3558.00E	450	TL-shahab
BARV	3324.58N	3557.00E	1740	BRBR
QASN	3331.97N	3616.48E	1145	QASUN
DRWC	3637.27N	3639.93E	940	DARWISH
BTCH	3602.23N	3627.52E	795	BTRSH
ARNB	3551.65N	3558.33E	765	ARNAB
WRDH	3530.50N	3624.65E	695	WAREDA
SLNF	3535.32N	3613.01E	1563	SLINFA
ROOS	3410.16N	3717.35E	843	ALROOS
MARH	3401.57N	3628.90E	640	RAS MAARA
RABH	3426.27N	3712.58E	890	RABAH
KBSD	3700.08N	4032.58E	526	KBSDAGH
MZRK	3549.60N	4039.15E	373	MAZAREGH
MNKR	3556.55N	3916.25E	376	MNKER
SRMV	3439.35N	3937.63E	409	SRAYM
DRBT	3630.65N	3829.20E	596	DRB TEHTA
SFNV	3625.08N	4006.07E	810	SFYAN
KSRV	3514.40N	3900.43E	400	KSRH ALI

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: Hypocenter reporting agency e.g. BER (Bergen), NAO (Norsar)  
MAGNITUDES: Up to 3 different magnitudes can be given followed by type and reporting agency, e.g. 3.1 MC BER - coda magnitude calculated in Bergen.  
RMS: Root mean square value of travel time residuals  
STAT: Station code  
CO: Component, S:short period, L:long period, B:broadband,  
DIST: Epicenter distance (km)  
AZI: Azimuth from source to station  
PHAS: Phase; The first letter characterizes onset E(mergent) or I(mpulsive)  
P: Polarity ( C for compression, D for dilatation )  
HR: Hour  
MN: Minute  
SECON: Seconds  
TRES: Residual (seconds)  
CODA: Signal duration in seconds  
AMPL: Ground Amplitude (0.5\*(peak to peak)), (nm) at period PERI  
PERI: Period where amplitude is measured  
BAZ: Back azimuth (station to event)  
ARES: Back azimuth residual  
VELO: Apparent phase velocity (km/sec)  
WT: Weight of phase in the location  
\*: An asterix 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.

References:

- Alsaker, A., Kvamme, L.B., Hansen, R.A., Dahle, A. and Bungum, H. (1991). The ML scale in Norway. Bull. Seism. Soc. Am., 81, pp. 379-398.
- Havskov, J. and Bungum, H. (1987). Source parameters for earthquakes in the northern North Sea, Norsk Geologisk Tidsskrift. 67, pp.51-58.
- 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.
- Sornes, A. and Navrestad, T. (1975). Seismic survey of Jan Mayen. Norsk Polarinstitutt, Arbok 37-52, Norsk Polarinstitutt, Oslo, Norway.
- Westre, S. (1975). Richter's lokale magnitude og total signal varighet for lokale jordskjelv pa Jan Mayen. Cand. real thesis., Seismological Observatory, University of Bergen, Norway.

March 1 2009 Hour: 12:41 29.0 Lat: 33.50N Lon: 36.01E Depth: 0 Agency: NEC Local  
 Magnitudes: 1.5ML NEC 1.7MC NEC Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	25	82	EP		1241	34.28	0.36	57						1.0
QASN	SE	25	82	ES		1241	38.49	0.75							1.0
QASN	SN	25	82	ES		1241	40.20								
QASN	SN	25	82	AML		1241	41.51			161	0.3				
QASN	SE	25	82	AML		1241	45.10			190	0.6				
TOTH	SZ	42	112	EP		1241	36.27-0.80		75						1.0
TOTH	SE	42	112	ES		1241	42.81-0.54								1.0
TOTH	SN	42	112	AML		1242	2.19			28	0.3				
TOTH	SE	42	112	AML		1242	9.35			29	0.6				
TCHB	SZ	93	183	EP		1241	44.80-0.65		49						1.0
TCHB	SN	93	183	ES		1241	59.15	0.88							1.0
TCHB	SN	93	183	AML		1242	11.73			17	0.3				
TCHB	SE	93	183	AML		1242	13.86			10	0.7				

March 1 2009 Hour: 20:54 2.8 Lat: 35.34N Lon: 39.50E Depth: 0 Agency: NEC Local  
 Magnitudes: 3.3ML NEC Rms: 7.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KSRV	SZ	46	256	EP		2054	19.07	7.97							1.0
MNKR	SZ	70	343	IP		2054	6.32-8.88								1.0
MNKR	SN	70	343	ES		2054	28.44	3.60							1.0
MNKR	SZ	70	343	AML		2054	46.37			2814	0.7				
JHLN	SZ	103	291	EP	D	2054	15.10-5.65								1.0
JHLN	SZ	103	291	AML		2055	18.32			410	0.6				
SALM	SZ	172	305	IP		2054	20.31-11.0								1.0
SALM	AZ	172	305	EP		2054	29.33								
SALM	SE	172	305	ES		2054	57.47	3.92							1.0
SALM	SN	172	305	AML		2055	29.83			536	0.6				
SALM	AZ	172	305	AML		2055	35.13			827	0.6				
SALM	SE	172	305	AML		2055	35.19			830	0.6				
SALM	SZ	172	305	AML		2055	35.80			937	0.6				
KBSD	SZ	207	27	EP	D	2054	51.87	16.02							1.0
ROOS	AZ	241	238	EP		2054	39.74-0.91								1.0
ROOS	AZ	241	238	AML		2056	31.81			32892	0.6				
KFRA	SZ	246	267	IP		2054	34.43-6.63								1.0
KFRA	SN	246	267	ES		2055	23.51	12.64							1.0
KFRA	SE	246	267	AML		2056	2.23			379	0.5				
KFRA	SZ	246	267	AML		2056	3.05			785	0.4				
KFRA	SN	246	267	AML		2056	7.39			645	0.6				
BIDA	BZ	292	264	EP		2054	41.64-5.06								1.0
HAWK	SZ	297	253	EP	D	2054	43.20-4.28								1.0
HAWK	SZ	297	253	AML		2056	22.71			60	0.5				
ZALF	SZ	335	217	IP		2054	47.61-4.70								1.0
ZALF	SN	335	217	ES		2055	39.17	8.28							1.0
ZALF	SE	335	217	AML		2056	23.80			165	0.6				
ZALF	SN	335	217	AML		2056	26.04			57	0.5				
ZALF	SZ	335	217	AML		2056	26.31			139	0.6				
TOTH	SZ	358	233	EP		2054	52.32-3.17								1.0
TOTH	SZ	358	233	AML		2056	49.11			80	0.6				
SALA	SZ	388	222	EP		2054	53.59-5.46								1.0
SALA	SZ	388	222	AML		2056	52.52			83	0.5				
BARB	SZ	391	238	EP		2054	56.67-2.34								1.0
BARB	SZ	391	238	AML		2056	49.48			47	0.6				
TCHB	SZ	441	229	EP		2055	11.11	5.68							1.0
TCHB	SZ	441	229	AML		2057	11.62			69	0.9				

**March 1 2009 Hour: 20:54 4.7 Lat: 35.38N Lon: 39.37E Depth: 0 Agency: NEC Local**  
**Magnitudes: 3.3ML NEC Rms: 8.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KSRV	SZ	37	246	EP		2054	19.07	7.84							1.0
MNKR	SZ	64	352	IP		2054	6.32	-9.68							1.0
MNKR	SN	64	352	ES		2054	28.44	3.60							1.0
MNKR	SZ	64	352	AML		2054	46.37		2814	0.7					
JHLN	SZ	91	291	EP	D	2054	15.10	-5.47							1.0
JHLN	SZ	91	291	AML		2055	18.32		410	0.6					
SALM	SZ	160	306	IP		2054	20.31	-11.2							1.0
SALM	AZ	160	306	EP		2054	29.33								
SALM	SE	160	306	ES		2054	57.47	5.09							1.0
SALM	SN	160	306	AML		2055	29.83		536	0.6					
SALM	AZ	160	306	AML		2055	35.13		827	0.6					
SALM	SE	160	306	AML		2055	35.19		830	0.6					
SALM	SZ	160	306	AML		2055	35.80		937	0.6					
KBSD	SZ	209	30	EP	D	2054	51.87	13.91							1.0
KFRA	SZ	235	266	IP		2054	34.43	-7.05							1.0
KFRA	SN	235	266	ES		2055	23.51	13.31							1.0
KFRA	SE	235	266	AML		2056	2.23		379	0.5					
KFRA	SZ	235	266	AML		2056	3.05		785	0.4					
KFRA	SN	235	266	AML		2056	7.39		645	0.6					
BIDA	BZ	281	263	EP		2054	41.64	-5.51							1.0
HAWK	SZ	287	252	EP	D	2054	43.20	-4.88							1.0
HAWK	SZ	287	252	AML		2056	22.71		60	0.5					

**March 4 2009 Hour: 3: 8 8.1 Lat: 34.12N Lon: 37.61E Depth: 14 Agency: NEC Local**  
**Magnitudes: 2.9ML NEC 2.5MC NEC Rms: 1.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ROOS	SZ	31	281	EP	C	3 8	14.49	0.11	84						1.0
ROOS	SN	31	281	ES		3 8	18.90	-0.37							1.0
RABH	AZ	52	314	IP		3 8	17.88	-0.06							1.0
RABH	AZ	52	314	EP	C	3 8	17.89	-0.05							1.0
RABH	AN	52	314	ES		3 8	24.75	-0.86							1.0
ZALF	SZ	135	191	EP	D	3 8	29.88	-0.35	153						1.0
ZALF	SN	135	191	ES		3 8	45.66	-1.83							1.0
ZALF	SN	135	191	AML		3 8	49.09		231	0.4					
ZALF	SE	135	191	AML		3 8	49.16		191	0.2					
ZALF	SZ	135	191	AML		3 8	49.26		144	0.3					
TOTH	SZ	138	233	EP	D	3 8	31.30	0.33							1.0
TOTH	SN	138	233	ES		3 8	47.34	-1.47							1.0
TOTH	SN	138	233	AML		3 8	50.97		301	0.1					
TOTH	SE	138	233	AML		3 8	51.26		132	0.6					
QASN	SZ	140	243	EP	C	3 8	32.03	0.88	111						1.0
QASN	SN	140	243	ES		3 8	47.86	-1.26							1.0
QASN	SN	140	243	AML		3 8	49.20		352	0.2					
QASN	SE	140	243	AML		3 8	49.47		1287	0.2					
BARB	SZ	173	244	EP	D	3 8	36.59	1.17							1.0
BARB	SN	173	244	ES		3 8	57.16	0.43							1.0
BARB	SE	173	244	AML		3 8	58.54		405	0.5					
BARB	SN	173	244	AML		3 8	59.35		221	0.3					
SALA	SZ	176	208	EP	D	3 8	36.55	0.36							1.0
SALA	SN	176	208	IS		3 8	57.76	-0.33							1.0
JHLN	SZ	187	23	EP	C	3 8	37.99	0.91	90						1.0
JHLN	SZ	187	23	IP		3 8	37.99	0.91							1.0
JHLN	SN	187	23	IS		3 9	0.72	1.03							1.0
JHLN	SZ	187	23	AML		3 9	6.17		304	0.4					
TCHB	SZ	222	224	EP	C	3 8	43.92	2.25							1.0
TCHB	SN	222	224	ES		3 9	9.14	1.29							1.0
SALM	SZ	234	7	EP		3 8	43.73	0.60							1.0
SALM	SN	234	7	ES		3 9	8.46	-1.99							1.0
MNKR	SZ	253	36	EP	C	3 8	46.11	0.74	123						1.0
MNKR	SN	253	36	ES		3 9	15.44	1.00							1.0

MNKR	SZ	253	36	AML		3	9	23.79			216	0.5				
MZRK	SZ	336	55	EP		C	3	8	55.83	0.11						1.0
MZRK	SN	336	55	ES			3	9	30.32	-2.54						1.0
MZRK	SZ	336	55	AML			3	9	47.35		54	0.4				
KBSD	SZ	416	39	EP			3	9	4.99	-0.64						1.0
KBSD	SE	416	39	ES			3	9	50.17	-0.33						1.0
KBSD	SZ	416	39	AML			310		8.10		42	0.6				

**March 4 2009 Hour: 11: 7 23.1 Lat: 33.79N Lon: 36.99E Depth: 18 Agency: NEC Local**  
**Magnitudes: 1.9ML NEC 2.4MC NEC Rms: 0.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TOTH	SZ	71	228	EP		11	7	34.36	-0.62	124					1.0
TOTH	SN	71	228	ES		11	7	42.29	-1.94						1.0
TOTH	SE	71	228	AML		11	7	54.71		90	0.7				
TOTH	SN	71	228	AML		11	8	11.53		73	0.6				
HAWK	SZ	98	327	EP		11	7	40.04	1.39	105					1.0
HAWK	SN	98	327	ES		11	7	49.54	-1.22						1.0
HAWK	SN	98	327	AML		11	7	56.04		33	0.4				
HAWK	SE	98	327	AML		11	8	5.22		19	0.5				
ZALF	SZ	101	162	EP		11	7	39.23	0.00	136					1.0
ZALF	SN	101	162	ES		11	7	51.27	-0.52						1.0
ZALF	SE	101	162	AML		11	8	9.18		56	0.7				
ZALF	SN	101	162	AML		11	8	11.46		44	0.5				
BARB	SZ	106	247	EP		11	7	39.47	-0.11	130					1.0
BARB	SN	106	247	ES		11	7	53.76	1.34						1.0
BARB	SE	106	247	AML		11	8	2.90		68	0.5				
BARB	SN	106	247	AML		11	8	6.59		38	0.7				
SALA	SZ	122	192	EP		11	7	42.41	0.06	79					1.0
SALA	SN	122	192	ES		11	7	57.83	0.48						1.0
SALA	SE	122	192	AML		11	8	3.28		6	0.4				
SALA	SN	122	192	AML		11	8	8.00		45	0.4				
TCHB	SZ	157	218	EP		11	7	47.35	0.39	115					1.0
TCHB	SN	157	218	ES		11	8	6.31	0.75						1.0
TCHB	SE	157	218	AML		11	8	18.08		32	0.4				
TCHB	SN	157	218	AML		11	8	20.28		60	0.5				

**March 8 2009 Hour: 12:17 26.8 Lat: 33.74N Lon: 36.80E Depth: 6 Agency: NEC Local**  
**Magnitudes: 1.6ML NEC 2.2MC NEC Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TOTH	SZ	54	219	EP		1217		36.77	-0.17						1.0
TOTH	SN	54	219	ES		1217		44.32	-0.55						1.0
TOTH	SE	54	219	AML		1217		45.64		61	0.5				
TOTH	SN	54	219	AML		1218		6.37		58	0.5				
BARB	SZ	87	245	EP		1217		42.06	0.31	83					1.0
BARB	SN	87	245	ES		1217		53.87	0.44						1.0
BARB	SN	87	245	AML		1218		4.56		31	0.6				
BARB	SE	87	245	AML		1218		10.73		37	0.6				
HAWK	SZ	94	337	EP		1217		44.53	1.49	93					1.0
HAWK	SN	94	337	ES		1217		54.42	-1.32						1.0
HAWK	SN	94	337	AML		1217		59.52		23	0.5				
HAWK	SE	94	337	AML		1218		12.12		20	0.5				
ZALF	SZ	104	151	EP		1217		44.96	0.12						1.0
ZALF	SN	104	151	ES		1217		58.74	-0.19						1.0
ZALF	SN	104	151	AML		1218		2.82		26	0.5				
ZALF	SE	104	151	AML		1218		5.87		21	0.4				
SALA	SZ	115	183	EP		1217		46.41	-0.12	93					1.0
SALA	SN	115	183	ES		1218		1.92	-0.02						1.0
SALA	SN	115	183	AML		1218		8.28		28	0.4				
SALA	SE	115	183	AML		1218		14.35		3	0.4				

March 9 2009 Hour: 17:24 4.2 Lat: 33.19N Lon: 35.85E Depth: 9 Agency: NEC Local  
 Magnitudes: 2.2ML NEC 1.2MC NEC Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	26	22	IP		1724	8.95	-0.23	26						1.0
BARB	SE	26	22	IS		1724	12.91	-0.12							1.0
BARB	SE	26	22	AML		1724	14.46			101					
BARB	SN	26	22	AML		1724	15.92			569	0.4				
QASN	SZ	55	46	EP		1724	14.44	-0.01	33						1.0
QASN	SN	55	46	ES		1724	22.73	0.32							1.0
QASN	SN	55	46	AML		1724	24.31			543	0.2				
QASN	SE	55	46	AML		1724	25.64			514	0.4				
TCHB	SZ	59	169	IP		1724	14.77	0.06	46						1.0
TCHB	SN	59	169	ES		1724	22.65	-0.23							1.0
TCHB	SE	59	169	AML		1724	27.58			252	0.3				
TCHB	SN	59	169	AML		1724	28.54			170	0.5				
SALA	SZ	98	122	EP		1724	22.12	0.84	45						1.0
SALA	SN	98	122	ES		1724	33.99	-0.58							1.0
SALA	SE	98	122	AML		1724	36.66			7	0.2				
SALA	SN	98	122	AML		1724	39.20			112	0.5				
ZALF	SZ	142	102	EP		1724	28.02	0.20	42						1.0
ZALF	SE	142	102	ES		1724	46.19	-0.02							1.0
ZALF	SE	142	102	AML		1724	48.49			37	0.2				
ZALF	SN	142	102	AML		1724	49.16			97	0.4				
HAWK	SZ	157	19	IP		1724	29.91	0.12	43						1.0
HAWK	SN	157	19	ES		1724	49.38	-0.34							1.0
HAWK	SE	157	19	AML		1724	54.33			35	0.5				
HAWK	SN	157	19	AML		1724	55.02			29	0.6				

March 9 2009 Hour: 17:24 58.5 Lat: 33.19N Lon: 35.90E Depth: 7 Agency: NEC Local  
 Magnitudes: 3.0ML NEC 2.4MC NEC Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	25	12	IP		1725	2.45	-0.58	59						1.0
BARB	SN	25	12	IS		1725	6.60	0.03							1.0
BARB	SE	25	12	AML		1725	7.48			14174	0.7				
BARB	SN	25	12	AML		1725	9.84			5610	0.4				
QASN	SZ	52	43	IP		1725	7.89	-0.21	111						1.0
QASN	SE	52	43	IS		1725	16.54	0.94							1.0
QASN	SN	52	43	AML		1725	20.37			6934	0.7				
QASN	SE	52	43	AML		1725	21.50			5846	0.7				
TOTH	SN	53	69	IP		1725	8.35	-0.10							1.0
TOTH	SE	53	69	ES		1725	16.04	-0.19							1.0
TOTH	SE	53	69	AML		1725	22.27			830	0.7				
TOTH	SN	53	69	AML		1725	30.42			1003	0.7				
TCHB	SZ	59	173	IP		1725	8.27	-0.66	104						1.0
TCHB	SN	59	173	ES		1725	17.61	0.53							1.0
TCHB	SE	59	173	AML		1725	20.70			5653	0.6				
TCHB	SN	59	173	AML		1725	22.19			3348	0.5				
SALA	SZ	95	124	EP		1725	15.25	0.22	108						1.0
SALA	SN	95	124	ES		1725	27.74	-0.20							1.0
SALA	SN	95	124	AML		1725	32.84			1353	0.6				
SALA	SE	95	124	AML		1725	33.65			66	0.5				
ZALF	SZ	138	102	IP		1725	21.58	0.00	121						1.0
ZALF	SN	138	102	ES		1725	39.67	0.07							1.0
ZALF	SN	138	102	AML		1725	42.86			694	0.7				
ZALF	SE	138	102	AML		1725	43.71			441	0.7				
HAWK	SZ	155	18	IP		1725	23.32	-0.65	110						1.0
HAWK	SN	155	18	IS		1725	44.01	0.17							1.0
HAWK	SE	155	18	AML		1725	48.07			244	0.5				
HAWK	SN	155	18	AML		1725	48.66			348	0.5				
ROOS	SZ	169	50	EP		1725	26.44	0.19	116						1.0
ROOS	SE	169	50	ES		1725	47.37	-0.53							1.0
ROOS	SE	169	50	AML		1725	52.42			6	0.3				
ROOS	SN	169	50	AML		1725	54.16			5	0.3				



BIDA	BZ	209	11	IP		1725	31.63	0.45	115							1.0
BIDA	BE	209	11	IS		1725	56.00	-0.68								1.0
BIDA	BN	209	11	AML		1725	57.54			675	0.5					
BIDA	BE	209	11	AML		1725	57.87			587	0.4					
WRDH	BZ	261	10	EP		1725	38.41	0.87								1.0
WRDH	BN	261	10	ES		1726	8.34	0.34								1.0
WRDH	BN	261	10	AML		1726	17.74			212	0.5					
WRDH	BE	261	10	AML		1726	18.55			138	0.4					

**March 9 2009 Hour: 18:27 44.4 Lat: 33.18N Lon: 35.84E Depth: 7 Agency: NEC Local**  
**Magnitudes: 2.1ML NEC 2.0MC NEC Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	27	22	IP		1827	49.08	-0.26	38						1.0
BARB	SN	27	22	IS		1827	53.33	0.13							1.0
BARB	SE	27	22	AML		1827	54.64			1067	0.6				
BARB	SN	27	22	AML		1827	55.92			397	0.3				
QASN	SZ	56	46	IP		1827	54.67	-0.07	118						1.0
QASN	SN	56	46	IS		1828	3.31	0.51							1.0
QASN	SE	56	46	AML		1828	6.47			383	0.2				
QASN	SN	56	46	AML		1828	7.55			423	0.4				
TOTH	SZ	58	70	IP		1827	54.99	-0.25	72						1.0
TOTH	SE	58	70	AML		1827	55.73			55	0.2				
TOTH	SN	58	70	ES		1828	3.35	-0.34							1.0
TOTH	SN	58	70	AML		1828	13.71			58	0.6				
TCHB	SZ	59	168	IP		1827	54.93	0.08	90						1.0
TCHB	SN	59	168	ES		1828	2.88	-0.12							1.0
TCHB	SE	59	168	AML		1828	7.20			211	0.6				
TCHB	SN	59	168	AML		1828	12.83			145	0.4				
SALA	SZ	98	122	EP		1828	1.83	0.27	94						1.0
SALA	SN	98	122	ES		1828	15.19	0.25							1.0
SALA	SE	98	122	AML		1828	16.05			6	0.3				
SALA	SN	98	122	AML		1828	19.59			94	0.5				
ZALF	SZ	143	101	EP		1828	8.18	-0.02	111						1.0
ZALF	SN	143	101	ES		1828	26.57	-0.19							1.0
ZALF	SN	143	101	AML		1828	29.36			69	0.5				
ZALF	SE	143	101	AML		1828	30.18			36	0.3				
HAWK	SZ	157	19	EP		1828	10.40	0.17							1.0
HAWK	SN	157	19	ES		1828	30.22	-0.16							1.0
HAWK	SN	157	19	AML		1828	33.68			34	0.2				
HAWK	SE	157	19	AML		1828	34.93			23	0.3				

**March 10 2009 Hour: 13:12 52.4 Lat: 37.54N Lon: 44.84E Depth: 37 Agency: NEC Local**  
**Magnitudes: 4.4ML NEC 3.3MC NEC Rms: 1.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBSD	SZ	386	262	EP		1313	43.82	-0.45	166						1.0
KBSD	SN	386	262	ES		1314	21.83	-2.89							1.0
KBSD	SZ	386	262	AML		1314	36.09			1768	0.6				
MZRK	SZ	420	244	IP		1313	49.37	0.81	200						1.0
MZRK	SN	420	244	ES		1314	31.49	-0.88							1.0
MZRK	SZ	420	244	AML		1314	43.18			1477	0.6				
JHLN	SZ	610	252	EP		1314	10.59	-1.67							1.0
JHLN	SN	610	252	ES		1315	14.49	-0.05							1.0
JHLN	SZ	610	252	AML		1315	46.07			319	1.2				
SALM	SZ	633	259	EP		1314	21.72	6.33							1.0
SALM	SE	633	259	ES		1315	19.82	-0.31							1.0
SALM	SZ	633	259	AML		1315	43.89			380	0.7				
KFRA	SZ	766	253	EP		1314	31.47	-0.59							1.0
KFRA	SN	766	253	ES		1315	51.71	1.91							1.0
KFRA	SN	766	253	AML		1316	23.59			8698	1.5				
KFRA	SE	766	253	AML		1316	30.20			7341	0.7				
WRDH	BZ	788	256	EP		1314	34.12	-0.40							1.0
WRDH	BE	788	256	ES		1315	56.11	1.93							1.0
WRDH	BE	788	256	AML		1316	29.81			9962	1.2				
WRDH	BN	788	256	AML		1316	34.92			30783	1.4				

BIDA	BZ	814	253	EP	1314	38.32	0.36										1.0
BIDA	BE	814	253	ES	1315	58.69	-1.61										1.0
BIDA	BN	814	253	AML	1316	35.89				374	0.7						
BIDA	BE	814	253	AML	1316	44.54				297	1.0						
HAWK	SZ	830	249	EP	1314	38.42	-1.72										1.0
HAWK	SN	830	249	ES	1316	4.27	0.09										1.0
HAWK	SN	830	249	AML	1316	47.92				122	0.9						
HAWK	SE	830	249	AML	1316	53.12				100	0.7						
ZALF	SZ	853	235	EP	1314	42.90	-0.25										1.0
ZALF	SE	853	235	ES	1316	10.10	0.56										1.0
ZALF	SE	853	235	AML	1316	52.05				69	0.7						
ZALF	SN	853	235	AML	1316	54.40				139	0.8						
TOTH	SZ	893	241	EP	1314	47.91	-0.43										1.0
TOTH	SE	893	241	ES	1316	18.99	0.21										1.0
SALA	SZ	912	236	EP	1314	48.89	-1.68										1.0
SALA	SN	912	236	ES	1316	23.06	0.32										1.0
SALA	SN	912	236	AML	1317	4.83				212	0.5						
SALA	SE	912	236	AML	1317	5.87				25	0.3						
BARB	SZ	927	243	EP	1314	51.83	-0.26										1.0
BARB	SE	927	243	ES	1316	26.12	0.67										1.0

**March 10 2009 Hour: 15:17 18.9 Lat: 33.96N Lon: 36.49E Depth: 0 Agency: NEC Local**  
**Magnitudes: 1.4ML NEC 1.9MC NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	51	203	EP		1517	28.26	-0.23	68						1.0
QASN	SE	51	203	ES		1517	34.17	-1.78							1.0
QASN	SN	51	203	AML		1517	41.28			95	0.5				
QASN	SE	51	203	AML		1517	41.95			114	0.3				
HAWK	SZ	63	353	IP		1517	29.73	-0.54	72						1.0
HAWK	SN	63	353	IS		1517	38.95	-0.17							1.0
HAWK	SN	63	353	AML		1517	42.34			30	0.4				
HAWK	SE	63	353	AML		1517	46.18			28	0.2				
TOTH	SZ	66	185	EP		1517	31.85	0.55							1.0
TOTH	SE	66	185	ES		1517	40.93	-0.02							1.0
BARB	SZ	79	220	EP		1517	34.41	1.65	83						1.0
BARB	SE	79	220	ES		1517	43.89	0.35							1.0
BARB	SN	79	220	AML		1517	57.44			11	0.4				
BARB	SE	79	220	AML		1517	57.81			18	0.4				
ZALF	SZ	139	145	IP		1517	43.12	0.27	67						1.0
ZALF	SN	139	145	ES		1518	1.37	-0.14							1.0
ZALF	SE	139	145	AML		1518	2.75			7	0.3				
ZALF	SN	139	145	AML		1518	3.45			13	0.2				
SALA	SZ	140	171	IP		1517	43.04	0.02	74						1.0
SALA	SN	140	171	ES		1518	1.87	0.05							1.0
SALA	SN	140	171	AML		1518	6.58			16	0.3				
SALA	SE	140	171	AML		1518	10.91			2	0.4				

**March 11 2009 Hour: 9: 9 56.6 Lat: 34.15N Lon: 37.83E Depth: 2 Agency: NEC Local**  
**Magnitudes: 1.6ML NEC 1.8MC NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ROOS	SZ	50	273	EP		910	5.90	0.04							1.0
ROOS	SN	50	273	ES		910	13.28	0.16							1.0
HAWK	SZ	138	288	EP		910	19.21	-0.66							1.0
HAWK	SN	138	288	ES		910	38.10	0.04							1.0
HAWK	SN	138	288	AML		910	42.47			13	0.3				
HAWK	SE	138	288	AML		910	47.12			13	0.3				
ZALF	SZ	144	199	EP		910	21.48	0.54							1.0
ZALF	SN	144	199	ES		910	39.12	-0.85							1.0
ZALF	SE	144	199	AML		910	42.80			10	0.3				
ZALF	SN	144	199	AML		910	44.29			12	0.3				
SALA	SZ	190	213	EP		910	27.95	0.28	60						1.0
SALA	SN	190	213	ES		910	52.39	0.45							1.0
SALA	SN	190	213	AML		910	53.86			39	0.2				
SALA	SE	190	213	AML		910	54.08			5	0.3				

**March 11 2009 Hour: 10: 7 24.6 Lat: 34.67N Lon: 36.51E Depth: 51 Agency: NEC Local**  
**Magnitudes: 1.8ML NEC 1.9MC NEC Rms: 1.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	20	209	IP		10 7	34.89	1.63	52						1.0
HAWK	SN	20	209	IS		10 7	40.23	0.23							1.0
HAWK	SE	20	209	AML		10 7	42.26			2145	0.1				
HAWK	SN	20	209	AML		10 7	42.45			615	0.3				
BIDA	BZ	45	337	EP		10 7	32.52	-2.49							1.0
BIDA	BN	45	337	ES		10 7	42.49	-0.63							1.0
BIDA	BE	45	337	AML		10 7	47.57			188	0.3				
BIDA	BN	45	337	AML		10 7	48.46			185	0.4				
ROOS	SZ	91	128	EP		10 7	40.82	0.39							1.0
ROOS	SN	91	128	ES		10 7	52.08	-0.69							1.0
ROOS	SE	91	128	AML		10 7	57.18			0.80	0.5				
ROOS	SN	91	128	AML		10 7	57.31			0.80	0.3				
WRDH	BZ	93	354	EP		10 7	40.26	0.09	66						1.0
WRDH	BE	93	354	ES		10 7	53.79	1.48							1.0
WRDH	BN	93	354	AML		10 8	0.67			88	0.2				
WRDH	BE	93	354	AML		10 8	3.68			40	0.3				
ZALF	SZ	209	158	EP		10 7	55.12	0.25	92						1.0
ZALF	SN	209	158	ES		10 8	18.80	0.33							1.0
ZALF	SN	209	158	AML		10 8	21.30			20	0.6				
ZALF	SE	209	158	AML		10 8	24.01			9	0.2				
SALA	SZ	219	175	IP		10 7	56.01	-0.16							1.0
SALA	SE	219	175	ES		10 8	20.37	-0.42							1.0
SALA	SE	219	175	AML		10 8	21.80			4	0.4				
SALA	SN	219	175	AML		10 8	27.43			35	0.4				

**March 11 2009 Hour: 10:54 15.3 Lat: 34.47N Lon: 36.75E Depth: 18 Agency: NEC Local**  
**Magnitudes: 1.6ML NEC 2.1MC NEC Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	32	279	IP		1054	20.81	-1.01	66						1.0
HAWK	SN	32	279	IS		1054	26.33	-0.60							1.0
HAWK	SE	32	279	AML		1054	28.11			713	0.3				
HAWK	SN	32	279	AML		1054	28.34			538	0.3				
ROOS	SZ	60	124	EP		1054	26.15	0.04							1.0
ROOS	SN	60	124	ES		1054	34.31	-0.27							1.0
ROOS	SN	60	124	AML		1054	38.48			0.80	0.7				
ROOS	SE	60	124	AML		1054	42.24			0.60	0.3				
BIDA	BZ	75	328	EP		1054	28.43	0.44							1.0
BIDA	BN	75	328	ES		1054	38.06	0.15							1.0
BIDA	BE	75	328	AML		1054	43.68			114	0.6				
BIDA	BN	75	328	AML		1054	54.42			173	0.6				
BARB	SZ	139	212	EP		1054	38.08	0.58							1.0
BARB	SN	139	212	ES		1054	55.49	0.65							1.0
BARB	SN	139	212	AML		1055	0.66			14	0.5				
BARB	SE	139	212	AML		1055	3.50			21	0.4				
ZALF	SZ	180	162	EP		1054	44.08	0.69							1.0
ZALF	SE	180	162	ES		1055	4.35	-0.99							1.0
ZALF	SN	180	162	AML		1055	7.95			14	0.7				
ZALF	SE	180	162	AML		1055	10.85			10	0.6				
SALA	SZ	196	181	IP		1054	46.20	0.85	112						1.0
SALA	SN	196	181	IS		1055	8.30	-0.53							1.0
SALA	SN	196	181	AML		1055	14.96			27	0.4				
SALA	SE	196	181	AML		1055	15.04			3	0.4				

**March 11 2009 Hour: 11:42 58.7 Lat: 33.69N Lon: 36.73E Depth: 21 Agency: NEC Local**  
**Magnitudes: 2.2ML NEC 2.3MC NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	46	248	EP		1143	6.85	-0.76	83						1.0
QASN	SE	46	248	ES		1143	14.69	0.13							1.0
QASN	SE	46	248	AML		1143	18.18			759	0.3				
QASN	SN	46	248	AML		1143	19.55			935	0.4				

TOTH	SZ	46	218	EP	1143	7.95	0.24										1.0
TOTH	SE	46	218	ES	1143	14.28	-0.46										1.0
TOTH	SN	46	218	AML	1143	16.45				218	0.4						
TOTH	SE	46	218	AML	1143	32.69				240	0.5						
ROOS	SZ	74	44	EP	1143	11.61	-0.09	98									1.0
ROOS	SN	74	44	ES	1143	21.48	-0.37										1.0
ROOS	SN	74	44	AML	1143	33.15				2	0.6						
ROOS	SE	74	44	AML	1143	44.39				2	0.5						
BARB	SZ	79	247	EP	1143	12.89	0.93	107									1.0
BARB	SE	79	247	ES	1143	22.73	0.42										1.0
BARB	SN	79	247	AML	1143	34.21				88	0.6						
BARB	SE	79	247	AML	1143	36.53				173	0.6						
HAWK	SZ	97	342	EP	1143	14.96	0.09	95									1.0
HAWK	SN	97	342	ES	1143	26.94	-0.55										1.0
HAWK	SE	97	342	AML	1143	34.14				65	0.7						
HAWK	SN	97	342	AML	1143	38.82				92	0.6						
ZALF	SZ	102	146	EP	1143	16.50	0.81	118									1.0
ZALF	SN	102	146	ES	1143	28.37	-0.59										1.0
ZALF	SN	102	146	AML	1143	37.38				112	0.6						
ZALF	SE	102	146	AML	1143	37.87				56	0.6						
SALA	SZ	108	180	EP	1143	17.63	0.94	112									1.0
SALA	SE	108	180	ES	1143	30.00	-0.73										1.0
SALA	SN	108	180	AML	1143	39.87				149	0.4						
SALA	SE	108	180	AML	1143	40.60				12	0.4						
TCHB	SZ	134	212	EP	1143	20.82	0.58	97									1.0
TCHB	SN	134	212	ES	1143	35.82	-1.22										1.0
TCHB	SN	134	212	AML	1143	49.31				79	0.4						
TCHB	SE	134	212	AML	1143	49.36				178	0.6						
BIDA	BZ	155	346	EP	1143	23.34	0.15										1.0
BIDA	BN	155	346	ES	1143	41.47	-0.84										1.0
BIDA	BN	155	346	AML	1143	50.92				261	0.3						
BIDA	BE	155	346	AML	1143	52.11				190	0.5						
KFRA	SZ	169	2	EP	1143	24.96	-0.02										1.0
KFRA	SE	169	2	ES	1143	45.69	0.21										1.0
KFRA	SN	169	2	AML	1143	56.46				352	0.4						
KFRA	SE	169	2	AML	1144	3.18				298	0.5						
WRDH	BZ	204	352	EP	1143	31.21	2.08										1.0
WRDH	BN	204	352	ES	1143	51.92	-0.96										1.0
WRDH	BE	204	352	AML	1144	7.16				34	0.6						
WRDH	BN	204	352	AML	1144	14.70				53	0.6						

March 11 2009 Hour: 11:42 59.0 Lat: 33.72N Lon: 36.76E Depth: 14 Agency: NEC Local  
Magnitudes: 2.1ML NEC 2.6MC NEC Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	50	246	EP		1143	7.67	-0.67	131						1.0
QASN	SE	50	246	ES		1143	15.92	0.27							1.0
QASN	SE	50	246	AML		1143	19.14			755	0.4				
QASN	SN	50	246	AML		1143	20.46			945	0.4				
TOTH	SZ	51	218	IP		1143	8.14	-0.39	136						1.0
TOTH	SE	51	218	ES		1143	15.44	-0.56							1.0
TOTH	SN	51	218	AML		1143	16.49			216	0.3				
TOTH	SE	51	218	AML		1143	32.62			242	0.4				
ROOS	SZ	70	44	EP		1143	11.79	0.41							1.0
ROOS	SN	70	44	ES		1143	21.50	0.43							1.0
ROOS	SN	70	44	AML		1143	33.10			2	0.5				
ROOS	SE	70	44	AML		1143	44.41			2	0.4				
BARB	SZ	83	246	IP		1143	13.36	0.26	158						1.0
BARB	SN	83	246	ES		1143	24.52	0.40							1.0
BARB	SN	83	246	AML		1143	34.17			89	0.7				
BARB	SE	83	246	AML		1143	36.54			171	0.5				
HAWK	SZ	95	340	EP		1143	15.44	0.42	117						1.0
HAWK	SN	95	340	ES		1143	27.80	0.26							1.0
HAWK	SN	95	340	AML		1143	38.81			92	0.5				
HAWK	SE	95	340	AML		1143	43.26			67	0.5				

ZALF	SZ	103	149	EP	1143	16.47	0.06	141									1.0
ZALF	SE	103	149	ES	1143	29.71	-0.32										1.0
ZALF	SN	103	149	AML	1143	37.39			112	0.8							
ZALF	SE	103	149	AML	1143	37.80			57	0.7							
SALA	SZ	112	182	IP	1143	17.64	-0.11	137									1.0
SALA	SE	112	182	ES	1143	31.63	-0.77										1.0
SALA	SN	112	182	AML	1143	39.88			148	0.4							
SALA	SE	112	182	AML	1143	42.41			13	0.6							
TCHB	SZ	139	213	EP	1143	22.19	0.73	131									1.0
TCHB	SE	139	213	ES	1143	39.93	0.93										1.0
TCHB	SE	139	213	AML	1143	49.38			177	0.5							
TCHB	SN	139	213	AML	1143	49.57			79	0.7							
BIDA	BZ	153	344	EP	1143	23.77	0.30										1.0
BIDA	BN	153	344	ES	1143	40.95	-1.64										1.0
BIDA	BN	153	344	AML	1143	50.93			264	0.5							
BIDA	BE	153	344	AML	1143	52.06			191	0.5							

**March 11 2009 Hour: 11:42 59.6 Lat: 33.70N Lon: 36.71E Depth: 13 Agency: NEC Local**  
**Magnitudes: 2.4ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	44	245	EP		1143	6.83	-1.17							1.0
QASN	SE	44	245	ES		1143	14.92	0.36							1.0
QASN	SE	44	245	AML		1143	18.34		754	0.3					
QASN	SN	44	245	AML		1143	19.55		988	0.5					
TOTH	SZ	45	214	EP		1143	8.14	-0.19							1.0
TOTH	SE	45	214	ES		1143	15.42	0.27							1.0
ROOS	SZ	75	46	EP		1143	11.71	-1.18							1.0
ROOS	SZ	75	46	ES		1143	25.46	2.19							1.0
BARB	SZ	77	246	EP		1143	13.05	0.25							1.0
BARB	SE	77	246	ES		1143	22.72	-0.39							1.0
BARB	SN	77	246	AML		1143	34.45		92	0.6					
BARB	SE	77	246	AML		1143	36.74		171	0.5					
HAWK	SZ	95	343	EP		1143	15.62	-0.12							1.0
HAWK	SE	95	343	ES		1143	27.88	-0.46							1.0
HAWK	SE	95	343	AML		1143	34.47		65	0.7					
HAWK	SN	95	343	AML		1143	39.05		92	0.4					
ZALF	SZ	104	146	EP		1143	16.36	-0.86							1.0
ZALF	SN	104	146	ES		1143	30.14	-0.84							1.0
ZALF	SN	104	146	AML		1143	37.39		109	0.8					
ZALF	SE	104	146	AML		1143	38.12		57	0.6					
SALA	SZ	110	179	EP		1143	17.68	-0.38							1.0
SALA	SN	110	179	ES		1143	32.77	0.30							1.0
SALA	SN	110	179	AML		1143	40.10		150	0.5					
SALA	SE	110	179	AML		1143	40.60		12	0.4					
TCHB	SZ	134	211	EP		1143	22.29	0.90							1.0
TCHB	SE	134	211	ES		1143	39.86	1.46							1.0
TCHB	SN	134	211	AML		1143	49.53		77	0.5					
TCHB	SE	134	211	AML		1143	49.58		177	0.5					
BIDA	BZ	154	347	EP		1143	24.10	-0.16							1.0
BIDA	BN	154	347	ES		1143	43.53	0.02							1.0
BIDA	BN	154	347	AML		1143	50.94		260	0.5					
BIDA	BE	154	347	AML		1143	52.31		190	0.4					

**March 11 2009 Hour: 12:29 18.8 Lat: 34.43N Lon: 36.71E Depth: 9 Agency: NEC Local**  
**Magnitudes: 2.1ML NEC 1.7MC NEC Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	30	290	EP		1229	24.21	-0.37	62						1.0
HAWK	SN	30	290	ES		1229	28.44	-0.66							1.0
HAWK	SN	30	290	AML		1229	32.94		833	0.3					
HAWK	SE	30	290	AML		1229	33.70		476	0.3					
ROOS	SZ	60	118	EP		1229	30.10	0.45							1.0
ROOS	SN	60	118	ES		1229	37.47	-0.67							1.0
BIDA	BZ	78	332	EP		1229	33.43	1.28							1.0
BIDA	BE	78	332	ES		1229	41.93	-0.65							1.0

BIDA	BE	78	332	AML	1229	51.20			71	1.0						
BIDA	BN	78	332	AML	1229	52.50			258	0.4						
BARB	SZ	133	212	EP	1229	41.24	0.64									1.0
BARB	SN	133	212	AML	1229	43.44			25	0.2						
BARB	SE	133	212	AML	1229	45.52			24	0.3						
BARB	SE	133	212	ES	1229	57.76	0.13									1.0
ZALF	SZ	176	161	EP	1229	47.59	0.28									1.0
ZALF	SN	176	161	ES	1230	8.81	-0.76									1.0
ZALF	SE	176	161	AML	1230	12.43			20	0.7						
ZALF	SN	176	161	AML	1230	13.12			18	0.2						
SALA	SZ	190	180	EP	1229	49.48	0.38									1.0
SALA	SN	190	180	ES	1230	12.47	-0.29									1.0
SALA	SN	190	180	AML	1230	15.36			68	0.5						
SALA	SE	190	180	AML	1230	17.38			3	0.3						
TCHB	SZ	207	200	EP	1229	51.27	0.33									1.0
TCHB	SE	207	200	ES	1230	15.95	-0.08									1.0
TCHB	SN	207	200	AML	1230	22.53			78	0.4						
TCHB	SE	207	200	AML	1230	23.54			67	0.7						

**March 11 2009 Hour: 19:54 8.1 Lat: 36.22N Lon: 36.70E Depth: 28 Agency: NEC Local**  
**Magnitudes: 1.8ML NEC Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
WRDH	BZ	83	198	EP		1954	20.99	-0.99							1.0
WRDH	BN	83	198	ES		1954	33.33	0.53							1.0
WRDH	BE	83	198	AML		1954	37.50			37	0.3				
WRDH	BN	83	198	AML		1954	37.80			62	0.4				
SALM	SZ	111	90	EP		1954	25.53	-0.72							1.0
SALM	SN	111	90	ES		1954	40.77	0.37							1.0
SALM	SE	111	90	AML		1954	43.77			16	0.3				
SALM	SN	111	90	AML		1954	44.10			37	0.2				
KFRA	SZ	112	175	EP		1954	26.89	0.43							1.0
KFRA	SE	112	175	ES		1954	40.56	-0.22							1.0
KFRA	SE	112	175	AML		1954	48.19			92	0.2				
KFRA	SN	112	175	AML		1954	52.08			46	0.5				
BIDA	BZ	134	195	EP		1954	30.13	0.70							1.0
BIDA	BN	134	195	ES		1954	45.44	-0.62							1.0
BIDA	BN	134	195	AML		1954	52.16			37	0.3				
BIDA	BE	134	195	AML		1954	52.79			16	0.3				
HAWK	SZ	190	188	EP		1954	37.17	0.67							1.0
HAWK	SN	190	188	ES		1954	58.49	-0.16							1.0
HAWK	SN	190	188	AML		1955	3.44			29	0.4				
HAWK	SE	190	188	AML		1955	4.88			9	0.2				

**March 11 2009 Hour: 22:21 25.8 Lat: 33.06N Lon: 32.37E Depth: 0 Agency: NEC Local**  
**Magnitudes: 2.2ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	339	96	EP		2222	15.19	-0.47							1.0
TCHB	SN	339	96	ES		2222	55.28	0.74							1.0
TCHB	SE	339	96	AML		2223	4.76			32	0.4				
TCHB	SN	339	96	AML		2223	9.43			32	0.3				
TOTH	SZ	380	84	EP		2222	21.32	0.14							1.0
TOTH	SN	380	84	ES		2223	3.74	-0.62							1.0
TOTH	SE	380	84	AML		2223	14.64			10	0.2				
TOTH	SN	380	84	AML		2223	18.71			12	0.6				
HAWK	SZ	407	65	EP		2222	24.67	0.46							1.0
HAWK	SN	407	65	ES		2223	9.84	0.08							1.0
HAWK	SN	407	65	AML		2223	18.66			17	0.4				
HAWK	SE	407	65	AML		2223	20.41			13	0.2				
SALA	SZ	410	94	EP		2222	23.89	-0.85							1.0
SALA	SN	410	94	ES		2223	11.00	0.30							1.0
SALA	SN	410	94	AML		2223	22.41			11	0.6				
SALA	SE	410	94	AML		2223	24.73			0.80	0.5				
BIDA	BZ	425	58	EP		2222	27.04	0.68							1.0
BIDA	BN	425	58	ES		2223	13.13	-0.46							1.0

BIDA BE 425 58 AML 2223 24.39 16 0.3  
 BIDA BN 425 58 AML 2223 29.69 44 0.4

**March 11 2009 Hour: 22:21 29.1 Lat: 33.13N Lon: 32.60E Depth: 5 Agency: NEC Local**  
**Magnitudes: 2.3ML NEC Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	319	98	EP		2222	15.02	-0.78							1.0
TCHB	SN	319	98	ES		2222	51.99	-0.25							1.0
TCHB	SE	319	98	AML		2223	4.79			32	0.3				
TCHB	SN	319	98	AML		2223	9.45			33	0.3				
TOTH	SZ	358	85	EP		2222	22.28	1.18							1.0
TOTH	SE	358	85	ES		2223	1.93	0.25							1.0
HAWK	SZ	385	65	EP		2222	24.62	0.54							1.0
HAWK	SN	385	65	ES		2223	6.86	-0.11							1.0
HAWK	SN	385	65	AML		2223	18.65			17	0.4				
HAWK	SE	385	65	AML		2223	20.41			13	0.2				
BIDA	BZ	404	57	EP		2222	25.50	-0.79							1.0
BIDA	BN	404	57	ES		2223	10.88	-0.04							1.0
BIDA	BE	404	57	AML		2223	24.37			16	0.3				
BIDA	BN	404	57	AML		2223	29.65			44	0.3				

**March 12 2009 Hour: 9:59 58.3 Lat: 34.44N Lon: 36.16E Depth: 45 Agency: NEC Local**  
**Magnitudes: 2.3ML NEC Rms: 3.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	24	67	EP		10 0	7.02	0.42							1.0
HAWK	SN	24	67	ES		10 0	12.52	-0.53							1.0
HAWK	SZ	24	67	AML		10 0	14.35			1486	0.5				
HAWK	SN	24	67	AML		10 0	14.54			914	0.3				
HAWK	SE	24	67	AML		10 0	14.73			540	0.2				
BARB	SZ	116	190	EP		10 0	17.52	0.90							1.0
BARB	SE	116	190	ES		10 0	33.41	2.52							1.0
BARB	SN	116	190	AML		10 0	40.79			30	0.3				
BARB	SE	116	190	AML		10 0	41.21			53	0.4				
SALA	SZ	198	164	EP		10 0	21.91	-5.40							1.0
SALA	SN	198	164	ES		10 0	45.66	-4.26							1.0
SALA	SN	198	164	AML		10 0	47.34			76	0.5				
SALA	SE	198	164	AML		10 0	50.12			6	0.4				
ZALF	SZ	200	147	EP		10 0	31.01	3.57							1.0
ZALF	SE	200	147	ES		10 0	52.92	2.78							1.0

**March 12 2009 Hour: 13:54 24.4 Lat: 34.44N Lon: 36.26E Depth: 42 Agency: NEC Local**  
**Magnitudes: 1.9ML NEC 1.1MC NEC Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	16	57	EP		1354	32.22	0.39	35						1.0
HAWK	SN	16	57	ES		1354	37.39	-0.20							1.0
HAWK	SE	16	57	AML		1354	41.69			235	0.2				
HAWK	SN	16	57	AML		1354	41.86			354	0.7				
BARB	SZ	118	194	EP		1354	42.69	-0.28							1.0
BARB	SN	118	194	ES		1354	57.49	0.07							1.0
BARB	SE	118	194	AML		1355	6.90			25	0.4				
BARB	SN	118	194	AML		1355	7.61			15	0.3				
WRDH	BZ	119	7	EP		1354	42.97	-0.07							1.0
WRDH	BN	119	7	ES		1354	57.44	-0.10							1.0
WRDH	BN	119	7	AML		1355	1.52			48	0.6				
WRDH	BE	119	7	AML		1355	1.65			69	0.7				
SALA	SZ	197	167	EP		1354	53.74	0.54							1.0
SALA	SN	197	167	ES		1355	15.27	-0.36							1.0
SALA	SN	197	167	AML		1355	27.08			28	0.5				
SALA	SE	197	167	AML		1355	30.01			2	0.5				

March 15 2009 Hour: 12: 1 21.9

Agency: NEC Local

Magnitudes: 2.4ML NEC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	87	215	EP		12	1	36.47-1.24							1.0
QASN	SN	87	215	ES		12	1	50.27	0.20						1.0
QASN	SN	87	215	AML		12	1	53.30		174	0.4				
QASN	SE	87	215	AML		12	1	59.14		249	0.4				
TOTH	SZ	98	201	EP		12	1	39.44-0.12							1.0
TOTH	SN	98	201	ES		12	1	53.39	0.03						1.0
TOTH	SE	98	201	AML		12	1	56.51		62	0.5				
TOTH	SN	98	201	AML		12	1	59.20		54	0.4				
ZALF	SZ	148	161	EP		12	1	47.09	0.03						1.0
ZALF	SN	148	161	ES		12	2	6.58-0.14							1.0
ZALF	SN	148	161	AML		12	2	11.09							
ZALF	SE	148	161	AML		12	2	11.26		34	0.5				
TCHB	SZ	185	205	EP		12	1	53.71	1.25						1.0
TCHB	SN	185	205	ES		12	2	16.30-0.02							1.0
TCHB	SN	185	205	AML		12	2	24.09		137	0.5				
TCHB	SE	185	205	AML		12	2	26.29		769	0.6				

March 15 2009 Hour: 12: 1 31.8

Lat: 34.43N Lon: 36.70E Depth: 8 Agency: NEC Local

Magnitudes: 2.1ML NEC

1.4MC NEC

Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	29	291	IP		12	1	36.55-0.66	50						1.0
HAWK	SN	29	291	ES		12	1	41.10-0.36							1.0
HAWK	SN	29	291	AML		12	1	44.87		852	0.3				
HAWK	SE	29	291	AML		12	1	47.23		447	0.5				
ROOS	SZ	62	118	EP		12	1	42.96-0.02							1.0
ROOS	SN	62	118	ES		12	1	51.49-0.24							1.0
ROOS	SN	62	118	AML		12	1	58.69		2	0.4				
ROOS	SE	62	118	AML		12	2	1.72		2	0.3				
KFRA	SZ	87	6	EP		12	1	47.04	0.26						1.0
KFRA	SN	87	6	ES		12	1	58.57	0.08						1.0
KFRA	SE	87	6	AML		12	2	1.00		395	0.6				
KFRA	SN	87	6	AML		12	2	14.33		134	0.5				
QASN	SZ	107	201	EP		12	1	50.78	0.47						1.0
QASN	SE	107	201	ES		12	2	4.99	0.20						1.0
QASN	SN	107	201	AML		12	2	7.75		174	0.4				
QASN	SE	107	201	AML		12	2	13.44		249	0.4				
TOTH	SZ	121	192	EP		12	1	52.80	0.28						1.0
TOTH	SE	121	192	ES		12	2	8.26-0.45							1.0
TOTH	SE	121	192	AML		12	2	9.82		62	0.5				
TOTH	SN	121	192	AML		12	2	12.50		54	0.4				
BARB	SZ	133	212	EP		12	1	54.55	0.93						1.0
BARB	SN	133	212	ES		12	2	11.13	0.46						1.0
BARB	SE	133	212	AML		12	2	18.11		59	0.4				
BARB	SN	133	212	AML		12	2	21.65		35	0.8				
ZALF	SZ	178	160	EP		12	2	0.54-0.02							1.0
ZALF	SE	178	160	ES		12	2	22.63-0.40							1.0
ZALF	SE	178	160	AML		12	2	25.61		34	0.5				
ZALF	SN	178	160	AML		12	2	29.83		25	0.5				
SALA	SZ	191	179	EP		12	2	2.87	0.58						1.0
SALA	SN	191	179	ES		12	2	25.83-0.27							1.0
SALA	SN	191	179	AML		12	2	27.66		107	0.5				
SALA	SE	191	179	AML		12	2	32.96		4	0.4				
TCHB	SZ	207	199	EP		12	2	3.86-0.19							1.0
TCHB	SN	207	199	ES		12	2	28.60-0.65							1.0
TCHB	SN	207	199	AML		12	2	35.40		138	0.5				
TCHB	SE	207	199	AML		12	2	38.05		82	0.4				



**March 16 2009 Hour: 10:46 31.6 Lat: 35.05N Lon: 36.74E Depth: 10 Agency: NEC Local**  
**Magnitudes: 1.7ML NEC Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KFRA	SZ	18	17	EP		1046	35.15	-0.35							1.0
KFRA	SN	18	17	ES		1046	38.75	0.20							1.0
KFRA	SN	18	17	AML		1046	43.25			493	0.5				
KFRA	SE	18	17	AML		1046	48.49			1056	0.6				
BIDA	BZ	39	269	EP		1046	38.50	-0.10							1.0
BIDA	BN	39	269	ES		1046	44.16	0.08							1.0
BIDA	BE	39	269	AML		1046	46.64			62	0.3				
BIDA	BN	39	269	AML		1046	47.42			195	0.5				
WRDH	BZ	59	330	EP		1046	42.02	0.30							1.0
WRDH	BN	59	330	ES		1046	49.42	-0.20							1.0
WRDH	BE	59	330	AML		1046	53.13			27	0.4				
WRDH	BN	59	330	AML		1046	57.78			42	0.4				
HAWK	SZ	66	207	EP		1046	43.46	0.22							1.0
HAWK	SE	66	207	ES		1046	52.18	-0.15							1.0
HAWK	SE	66	207	AML		1046	58.02			10	0.3				
HAWK	SN	66	207	AML		1046	59.38			18	0.4				

**March 17 2009 Hour: 14:47 2.8 Lat: 34.23N Lon: 36.56E Depth: 7 Agency: NEC Local**  
**Magnitudes: 1.9ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	35	336	EP		1447	8.98	-0.32							1.0
HAWK	SN	35	336	ES		1447	14.28	-0.12							1.0
HAWK	SE	35	336	AML		1447	20.06			175	0.4				
HAWK	SN	35	336	AML		1447	21.52			150	0.3				
BIDA	BZ	93	346	EP		1447	19.58	0.86							1.0
BIDA	BN	93	346	ES		1447	30.25	-0.92							1.0
BIDA	BE	93	346	AML		1447	38.13			43	0.6				
BIDA	BN	93	346	AML		1447	38.17			155	0.4				
TOTH	SZ	97	187	EP		1447	19.46	-0.51							1.0
TOTH	SN	97	187	ES		1447	32.79	-0.59							1.0
TOTH	SE	97	187	AML		1447	38.33			26	0.4				
TOTH	SN	97	187	AML		1447	38.82			38	0.5				
BARB	SZ	107	212	EP		1447	21.35	0.40							1.0
BARB	SN	107	212	ES		1447	35.32	0.19							1.0
BARB	SE	107	212	AML		1447	42.67			44	0.5				
BARB	SN	107	212	AML		1447	43.27			26	0.4				
WRDH	BZ	142	354	EP		1447	26.77	0.74							1.0
WRDH	BN	142	354	ES		1447	44.02	-0.16							1.0
WRDH	BN	142	354	AML		1447	50.13			68	0.4				
WRDH	BE	142	354	AML		1447	51.82			72	0.4				
ZALF	SZ	162	153	EP		1447	29.91	0.53							1.0
ZALF	SN	162	153	ES		1447	49.46	-0.68							1.0
ZALF	SE	162	153	AML		1447	57.05			18	0.5				
ZALF	SN	162	153	AML		1447	57.73			11	0.4				
ZALF	SN	162	153	AMPG		1447	59.14								
SALA	SZ	169	175	EP		1447	30.88	0.36							1.0
SALA	SN	169	175	ES		1447	52.40	0.23							1.0
SALA	SN	169	175	AML		1448	0.27			41	0.4				
SALA	SE	169	175	AML		1448	2.09			2	0.4				

**March 17 2009 Hour: 15:18 59.6 Lat: 35.87N Lon: 38.49E Depth:117 Agency: NEC Local**  
**Magnitudes: 2.7ML NEC 1.7MC NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JHLN	SZ	23	192	EP		1519	16.58	0.74							1.0
JHLN	SZ	23	192	ES		1519	28.35	-0.16							1.0
JHLN	SN	23	192	AML		1519	31.23			542	0.3				
JHLN	SE	23	192	AML		1519	33.37			189	0.3				
MNKR	SZ	71	83	EP		1519	18.06	-0.24	54						1.0
MNKR	SE	71	83	ES		1519	32.73	-0.16							1.0
MNKR	SZ	71	83	AML		1519	37.35			1185	0.2				

KSRV	SZ	84	146	EP	1519	20.02	0.75	58								1.0
KSRV	SN	84	146	ES	1519	34.28	-0.34									1.0
KSRV	SZ	84	146	AML	1519	38.20			175	0.5						
HAWK	SZ	242	232	EP	1519	34.77	-0.92									1.0
HAWK	SN	242	232	ES	1520	4.16	0.32									1.0
HAWK	SE	242	232	AML	1520	11.17			32	0.4						
HAWK	SN	242	232	AML	1520	16.29			44	0.4						

**March 18 2009 Hour: 8:54 54.6 Lat: 34.21N Lon: 37.81E Depth: 5 Agency: NEC Local**  
**Magnitudes: 1.4ML NEC 1.9MC NEC Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ROOS	SZ	48	265	EP		855	3.68	0.14	58						1.0
ROOS	SZ	48	265	IP		855	3.71								
ROOS	SN	48	265	ES		855	10.26	-0.21							1.0
ROOS	SN	48	265	AML		855	17.41			1.00	0.3				
ROOS	SE	48	265	AML		855	17.93			1	0.2				
HAWK	SZ	134	285	EP		855	16.87	-0.27	72						1.0
HAWK	SN	134	285	ES		855	34.09	-0.59							1.0
HAWK	SE	134	285	AML		855	39.73			14	0.3				
HAWK	SN	134	285	AML		855	43.04			18	0.2				
ZALF	SZ	149	197	EP		855	19.48	-0.15	72						1.0
ZALF	SN	149	197	ES		855	38.60	-0.51							1.0
ZALF	SE	149	197	AML		855	45.63			21	0.4				
ZALF	SN	149	197	AML		855	47.12			12	0.3				
TOTH	SZ	159	234	EP		855	21.63	0.36							1.0
TOTH	SE	159	234	ES		855	41.25	-0.79							1.0
TOTH	SN	159	234	AML		855	49.90			16	0.4				
TOTH	SE	159	234	AML		855	52.16			18	0.5				
JHLN	SZ	171	19	EP		855	22.78	0.36							1.0
JHLN	SN	171	19	ES		855	43.56	-0.53							1.0
JHLN	SN	171	19	AML		855	47.73			23	0.6				
JHLN	SE	171	19	AML		856	3.40			23	0.4				
BARB	SZ	194	243	IP		855	26.68	1.10	71						1.0
SALA	SN	194	211	IS		855	49.78	-0.68							1.0
SALA	SN	194	211	ES		855	50.43								
SALA	SN	194	211	AML		855	54.84			41	0.4				
BARB	SN	194	243	AML		855	52.55			10	0.3				
SALA	SZ	194	211	IP		855	26.18	0.18	68						1.0
SALA	SE	194	211	AML		855	52.18			3	0.4				
BARB	SN	194	243	ES		855	51.28	1.58							1.0
BARB	SE	194	243	AML		855	55.16			13	0.8				

**March 18 2009 Hour: 10:32 32.6 Lat: 33.65N Lon: 36.30E Depth: 32 Agency: NEC Local**  
**Magnitudes: 1.7ML NEC 1.8MC NEC Rms: 1.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	13	192	EP		1032	37.98	-0.86	70						1.0
QASN	SN	13	192	ES		1032	42.87	-0.84							1.0
QASN	SN	13	192	AML		1032	44.06			442	0.3				
QASN	SE	13	192	AML		1032	47.45			590	0.4				
TOTH	SZ	34	160	EP		1032	40.30	-0.48	68						1.0
TOTH	SN	34	160	ES		1032	46.98	-0.19							1.0
TOTH	SN	34	160	AML		1032	53.08			64	0.4				
TOTH	SZ	34	160	AML		1032	55.19			52	0.4				
TOTH	SE	34	160	AML		1032	59.47			97	0.5				
BARB	SZ	42	231	IP		1032	42.84	1.65	62						1.0
BARB	SN	42	231	ES		1032	49.32	1.41							1.0
BARB	SZ	42	231	AML		1032	53.75			98	0.7				
BARB	SN	42	231	AML		1032	54.02			37	0.4				
BARB	SE	42	231	AML		1033	0.74			79	0.4				
HAWK	SZ	97	6	EP		1032	48.93	-0.06	70						1.0
HAWK	SN	97	6	ES		1033	1.49	-0.30							1.0
HAWK	SN	97	6	AML		1033	7.81			17	0.4				
HAWK	SE	97	6	AML		1033	10.95			13	0.4				
SALA	SZ	111	159	EP		1032	52.49	1.40	65						1.0

SALA	SN	111	159	ES	1033	5.78	0.26										1.0
SALA	SE	111	159	AML	1033	17.60				1	0.5						
SALA	SN	111	159	AML	1033	21.67				21	0.7						
TCHB	SZ	113	196	EP	1032	48.59	-2.47	66									1.0
TCHB	SN	113	196	ES	1033	4.31	-1.16										1.0
TCHB	SE	113	196	AML	1033	6.71				36	0.6						
TCHB	SN	113	196	AML	1033	9.07				34	0.3						
ZALF	SZ	125	130	EP	1032	54.27	1.49	67									1.0
ZALF	SN	125	130	ES	1033	8.69	0.16										1.0
ZALF	SN	125	130	AML	1033	21.47				8	0.5						
ZALF	SE	125	130	AML	1033	22.18				13	0.8						

**March 19 2009 Hour: 10: 6 36.1 Lat: 33.17N Lon: 35.45E Depth: 26 Agency: NEC Local**  
**Magnitudes: 1.7ML NEC 1.9MC NEC Rms: 0.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	74	139	EP		10	6	46.94	-2.00	67					1.0
TCHB	SE	74	139	ES		10	6	59.21	0.28						1.0
TCHB	SN	74	139	AML		10	7	1.43		79	0.2				
TCHB	SE	74	139	AML		10	7	6.60		54	0.5				
TOTH	SZ	94	77	EP		10	6	52.92	0.60	71					1.0
TOTH	SN	94	77	ES		10	7	4.31	-0.64						1.0
TOTH	SN	94	77	AML		10	7	9.10		47	0.3				
TOTH	SE	94	77	AML		10	7	9.29		37	0.5				
SALA	SZ	131	113	EP		10	6	58.29	0.81	72					1.0
SALA	SN	131	113	ES		10	7	14.98	0.85						1.0
SALA	SE	131	113	AML		10	7	23.93		3	0.3				
SALA	SN	131	113	AML		10	7	26.85		36	0.3				
HAWK	SZ	174	30	EP		10	7	3.29	0.55						1.0
HAWK	SN	174	30	ES		10	7	23.10	-0.40						1.0
HAWK	SN	174	30	AML		10	7	30.72		20	0.5				
HAWK	SE	174	30	AML		10	7	31.79		16	0.6				
ZALF	SZ	179	98	EP		10	7	4.10	0.68	75					1.0
ZALF	SN	179	98	ES		10	7	23.98	-0.73						1.0
ZALF	SE	179	98	AML		10	7	28.44		23	0.2				
ZALF	SN	179	98	AML		10	7	29.47		9	0.2				

**March 19 2009 Hour: 11: 5 8.2 Lat: 33.52N Lon: 36.70E Depth: 57 Agency: NEC Local**  
**Magnitudes: 1.6ML NEC Rms: 1.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TOTH	SZ	31	234	IP		11	5	19.81	1.37						1.0
TOTH	SN	31	234	IS		11	5	26.27	-0.18						1.0
TOTH	SN	31	234	AML		11	5	28.00		55	0.4				
TOTH	SE	31	234	AML		11	5	52.26		90	0.6				
ZALF	SZ	89	138	EP		11	5	26.36	2.42						1.0
ZALF	SN	89	138	ES		11	5	36.88	0.63						1.0
ZALF	SN	89	138	AML		11	5	50.07		23	0.7				
ZALF	SE	89	138	AML		11	5	59.49		25	0.5				
ROOS	SZ	90	37	EP		11	5	23.44	-0.68						1.0
ROOS	SE	90	37	ES		11	5	35.55	-1.01						1.0
SALA	SZ	90	178	EP		11	5	20.94	-3.17						1.0
SALA	SE	90	178	ES		11	5	36.05	-0.50						1.0
SALA	SN	90	178	AML		11	5	49.58		33	0.5				
SALA	SE	90	178	AML		11	5	53.85		4	0.6				
HAWK	SZ	114	346	EP		11	5	28.07	1.37						1.0
HAWK	SN	114	346	ES		11	5	40.90	-0.26						1.0
HAWK	SN	114	346	AML		11	5	47.32		13	0.4				
HAWK	SE	114	346	AML		11	5	58.99		11	0.8				

**March 19 2009 Hour: 14:37 34.7 Lat: 32.99N Lon: 36.27E Depth: 0 Agency: NEC Local**  
**Magnitudes: 0.8ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	46	218	EP		1437	43.47	0.50							1.0
TCHB	SN	46	218	ES		1437	49.27	-0.14							1.0
TCHB	SE	46	218	AML		1437	55.42			17	0.5				
TCHB	SN	46	218	AML		1438	7.12			23	0.5				
SALA	SZ	53	125	EP		1437	44.32	-0.13							1.0
SALA	SN	53	125	ES		1437	51.89	-0.15							1.0
SALA	SN	53	125	AML		1438	7.44			14	0.5				
SALA	SE	53	125	AML		1438	10.01			0.80	0.4				
ZALF	SZ	100	94	EP		1437	51.71	-0.86							1.0
ZALF	SE	100	94	ES		1438	7.28	0.78							1.0
ZALF	SE	100	94	AML		1438	8.71			4	0.3				
ZALF	SE	100	94	AML		1438	8.85			4	0.3				
ZALF	SN	100	94	AML		1438	28.31			4	0.7				

**March 21 2009 Hour: 13:33 55.2 Lat: 32.47N Lon: 35.94E Depth: 11 Agency: NEC Local**  
**Magnitudes: 1.4ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	22	6	EP	D	1333	58.92	-0.82							1.0
TCHB	SZ	22	6	AML		1334	7.76			214	0.3				
SALA	SZ	79	70	EP	C	1334	10.08	1.09							1.0
SALA	SE	79	70	ES		1334	20.42	0.65							1.0
SALA	SE	79	70	E		1334	22.72								
SALA	SZ	79	70	AML		1334	26.25			15	0.3				
SALA	SN	79	70	AML		1334	30.51			13	0.3				
BARB	SZ	104	0	EP	D	1334	12.27	-0.34							1.0
BARB	SN	104	0	ES		1334	26.25	0.05							1.0
BARB	SN	104	0	AML		1334	30.78			17	0.6				
BARB	SE	104	0	AML		1334	32.09			22	0.4				
BARB	SZ	104	0	AML		1334	32.46			9	0.3				
ZALF	SZ	140	69	EP		1334	17.29	-0.93							1.0
ZALF	SN	140	69	ES		1334	35.25	-0.95							1.0
ZALF	SN	140	69	AML		1334	38.79			8	0.7				
ZALF	SZ	140	69	AML		1334	39.01			9	0.8				
HAWK	SZ	232	11	EP		1334	31.29	1.02							1.0
HAWK	SE	232	11	ES		1334	57.87	0.23							1.0

**March 22 2009 Hour: 2:31 56.3 Lat: 35.58N Lon: 41.34E Depth: 0 Agency: NEC Local**  
**Magnitudes: 3.2ML NEC 3.1MC NEC Rms: 3.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBSD	SZ	173	336	EP		232	26.40	1.52	153						1.0
KBSD	SN	173	336	ES		232	48.06	0.91							1.0
KBSD	SZ	173	336	AML		232	57.54			683	0.3				
JHLN	SZ	263	273	EP		232	36.62	0.17							1.0
JHLN	SN	263	273	ES		233	6.68	-1.05							1.0
JHLN	SZ	263	273	AML		233	25.64			480	0.6				
KFRA	SZ	414	266	EP		232	49.50	-6.08	187						1.0
KFRA	SN	414	266	ES		233	43.12	1.33							1.0
KFRA	SE	414	266	AML		234	1.60			180	1.0				
KFRA	SN	414	266	AML		234	8.50			356	0.6				
HAWK	SZ	465	257	EP		232	59.90	-2.07							1.0
HAWK	SN	465	257	ES		233	49.44	-3.72							1.0
HAWK	SE	465	257	AML		234	21.79			38	0.8				
HAWK	SN	465	257	AML		234	28.52			84	0.6				
BARB	SZ	550	246	EP		233	15.59	3.15							1.0
BARB	SN	550	246	ES		234	17.63	5.83							1.0
BARB	SN	550	246	AML		235	2.63			37	0.6				
BARB	SE	550	246	AML		235	15.14			39	0.6				

**March 22 2009 Hour: 9:21 48.0 Lat: 34.76N Lon: 37.74E Depth: 20 Agency: NEC Local**  
**Magnitudes: 1.9ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	126	258	EP		922	8.28	-0.07							1.0
HAWK	SN	126	258	ES		922	24.47	0.23							1.0
HAWK	SE	126	258	AML		922	28.34			34	0.3				
HAWK	SN	126	258	AML		922	28.52			56	0.7				
BIDA	BZ	134	284	EP		922	9.20	-0.32							1.0
BIDA	BN	134	284	ES		922	26.01	-0.31							1.0
BIDA	BN	134	284	AML		922	29.00			98	0.4				
BIDA	BE	134	284	AML		922	29.66			121	0.4				
WRDH	BZ	147	305	EP		922	11.33	0.06							1.0
WRDH	BN	147	305	ES		922	29.20	-0.23							1.0
WRDH	BE	147	305	AML		922	31.11			91	0.3				
WRDH	BN	147	305	AML		922	31.44			76	0.3				
ZALF	SZ	207	191	EP		922	19.51	0.15							1.0
ZALF	SZ	207	191	ES		922	42.81	-1.03							1.0
ZALF	SE	207	191	AML		922	54.65			10	0.4				
ZALF	SN	207	191	AML		922	58.36			11	0.7				
BARB	SZ	223	228	EP		922	21.84	0.79							1.0
BARB	SN	223	228	ES		922	47.36	0.51							1.0
BARB	SN	223	228	AML		922	58.95			11	0.4				
BARB	SE	223	228	AML		923	13.90			14	0.6				
SALA	SZ	246	203	EP		922	24.78	0.54							1.0
SALA	SN	246	203	ES		922	52.20	-0.33							1.0
SALA	SN	246	203	AML		922	58.69			17	0.3				
SALA	SE	246	203	AML		923	0.24			2	0.4				

**March 23 2009 Hour: 11:18 17.8 Lat: 33.74N Lon: 36.83E Depth: 0 Agency: NEC Local**  
**Magnitudes: 1.9ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TOTH	SZ	56	222	EP		1118	27.96	-0.31							1.0
TOTH	SE	56	222	ES		1118	35.73	-0.71							1.0
BARB	VZ	89	246	EP		1118	33.29	-0.11							1.0
BARB	VE	89	246	ES		1118	46.31	0.73							1.0
ZALF	SZ	102	152	EP		1118	36.29	0.36							1.0
ZALF	SE	102	152	ES		1118	49.94	-0.13							1.0
SALA	SZ	114	185	EP		1118	37.45	-0.46							1.0
SALA	SN	114	185	ES		1118	54.22	0.63							1.0

**March 23 2009 Hour: 21:54 57.7 Lat: 35.18N Lon: 40.40E Depth: 14 Agency: NEC Local**  
**Magnitudes: 3.0ML NEC Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	75	18	EP		2155	10.34	-0.19							1.0
MZRK	SE	75	18	ES		2155	21.02	0.48							1.0
MZRK	SZ	75	18	AML		2155	29.66			439	0.4				
MZRK	SN	75	18	AML		2155	41.78			860	0.8				
SFNV	SZ	140	349	EP		2155	20.43	-0.08							1.0
SFNV	SE	140	349	ES		2155	38.50	0.21							1.0
SFNV	SE	140	349	AML		2155	43.63			358	0.5				
SFNV	SN	140	349	AML		2155	44.27			809	0.6				
SFNV	SZ	140	349	AML		2155	45.27			1085	0.5				
JHLN	SZ	186	287	EP		2155	26.04	-0.53							1.0
JHLN	SN	186	287	ES		2155	48.96	-0.12							1.0
JHLN	SZ	186	287	AML		2155	56.24			104	0.2				
KBSD	SZ	202	4	EP		2155	28.10	-0.40							1.0
KBSD	SE	202	4	ES		2155	52.43	-0.09							1.0
KBSD	SZ	202	4	AML		2156	6.07			212	0.3				
ROOS	AZ	307	249	EP		2155	42.60	0.49							1.0
ROOS	AN	307	249	ES		2156	16.98	0.23							1.0

**March 23 2009 Hour: 22:43 31.9 Lat: 36.38N Lon: 40.94E Depth: 60 Agency: NEC Local**  
**Magnitudes: 2.8ML NEC Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	67	203	EP		2243	44.93	-0.09							1.0
MZRK	SN	67	203	ES		2243	55.30	0.05							1.0
MZRK	SZ	67	203	AML		2244	12.98			464	0.4				
SFNV	SZ	76	273	EP		2243	45.93	-0.36							1.0
SFNV	SN	76	273	ES		2243	57.73	0.20							1.0
KBSD	SZ	77	333	EP		2243	46.47	0.45							1.0
KBSD	SE	77	333	ES		2243	56.78	-0.25							1.0
KBSD	SZ	77	333	AML		2244	10.67			287	0.6				

**March 25 2009 Hour: 2:19 39.9 Lat: 35.13N Lon: 40.52E Depth: 13 Agency: NEC Local**  
**Magnitudes: 2.5ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	78	9	EP		219	53.50	0.31							1.0
MZRK	SE	78	9	ES		220	4.01	0.45							1.0
MZRK	SZ	78	9	AML		220	12.76			133	0.4				
SFNV	SZ	148	345	EP		220	3.52	-0.40							1.0
SFNV	SN	148	345	ES		220	21.85	-0.82							1.0
SFNV	SZ	148	345	AML		220	27.68			251	0.5				
JHLN	SZ	199	288	EP		220	10.22	-0.14							1.0
JHLN	SN	199	288	ES		220	34.67	0.54							1.0
KBSD	SZ	207	0	EP		220	10.94	-0.47							1.0
KBSD	SE	207	0	ES		220	36.53	0.53							1.0
KBSD	SZ	207	0	AML		220	39.30			84	0.3				

**March 26 2009 Hour: 19:56 46.1 Lat: 36.31N Lon: 41.17E Depth: 26 Agency: NEC Local**  
**Magnitudes: 2.8ML NEC Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	72	221	EP		1956	58.49	0.14							1.0
KBSD	SZ	95	324	EP		1957	1.23	-0.48							1.0
KBSD	SN	95	324	ES		1957	14.40	0.53							1.0
KBSD	SZ	95	324	AML		1957	29.81			300	0.6				
SFNV	SZ	97	277	EP		1957	1.51	-0.93							1.0
SFNV	SN	97	277	ES		1957	15.48	0.30							1.0
SFNV	SZ	97	277	AML		1957	21.91			427	0.3				
JHLN	SZ	257	255	EP		1957	24.21	1.39							1.0
JHLN	SN	257	255	ES		1957	51.25	-0.20							1.0
SALM	SZ	292	269	EP		1957	26.82	-0.48							1.0
SALM	SN	292	269	ES		1957	59.15	-0.27							1.0

**March 29 2009 Hour: 11:57 58.6 Lat: 32.45N Lon: 35.96E Depth: 7 Agency: NEC Local**  
**Magnitudes: 1.5ML NEC Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	24	2	EP		1158	2.77	-0.38							1.0
TCHB	SN	24	2	ES		1158	6.84	0.10							1.0
TCHB	SN	24	2	AML		1158	14.42			350	0.5				
TCHB	SE	24	2	AML		1158	17.70			305	0.4				
SALA	SZ	78	68	EP		1158	12.37	0.00							1.0
SALA	SN	78	68	ES		1158	23.66	0.52							1.0
SALA	SN	78	68	AML		1158	28.79			24	0.6				
SALA	SE	78	68	AML		1158	30.79			3	0.5				
BARB	SZ	106	360	EP		1158	16.02	-0.52							1.0
BARB	SN	106	360	ES		1158	31.21	0.64							1.0
BARB	SN	106	360	AML		1158	37.28			17	0.5				
BARB	SE	106	360	AML		1158	39.45			11	0.5				
TOTH	SZ	110	23	EP		1158	17.37	-0.33							1.0
TOTH	SN	110	23	ES		1158	32.51	-0.13							1.0
TOTH	SN	110	23	AML		1158	38.66			15	0.4				
TOTH	SE	110	23	AML		1158	40.61			22	0.7				
ZALF	SZ	139	68	EP		1158	22.98	1.18							1.0
ZALF	SN	139	68	ES		1158	38.84	-1.09							1.0

ZALF SN 139 68 AML 1158 44.80 13 0.5  
 ZALF SE 139 68 AML 1158 44.91 11 0.4

**March 29 2009 Hour: 12:17 32.5 Lat: 33.76N Lon: 36.60E Depth: 5 Agency: NEC Local**  
**Magnitudes: 1.3ML NEC 1.6MC NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	39	230	EP		1217	40.43	0.44	58						1.0
QASN	SN	39	230	ES		1217	45.52	-0.31							1.0
QASN	SN	39	230	AML		1217	48.07			163	0.4				
QASN	SE	39	230	AML		1217	48.36			246	0.3				
TOTH	SZ	47	200	EP		1217	41.72	0.31							1.0
TOTH	SN	47	200	ES		1217	47.91	-0.45							1.0
TOTH	SE	47	200	AML		1217	48.80			33	0.2				
TOTH	SN	47	200	AML		1217	53.31			22	0.7				
BARB	SZ	72	237	EP		1217	44.39	-0.59							1.0
BARB	SN	72	237	ES		1217	54.91	0.20							1.0
BARB	SE	72	237	AML		1218	2.78			11	0.5				
BARB	SN	72	237	AML		1218	3.00			25	0.4				
ZALF	SZ	115	143	EP		1217	52.07	-0.38							1.0
ZALF	SE	115	143	ES		1218	7.55	-0.46							1.0
ZALF	SN	115	143	AML		1218	19.02			6	0.6				
ZALF	SE	115	143	AML		1218	27.02			6	0.6				
SALA	SZ	117	174	EP		1217	53.35	0.63							1.0
SALA	SN	117	174	ES		1218	9.12	0.63							1.0
SALA	SE	117	174	AML		1218	15.65			0.90	0.3				
SALA	SN	117	174	AML		1218	16.43			9	0.2				

**March 30 2009 Hour: 0:59 40.0 Lat: 35.24N Lon: 36.54E Depth: 16 Agency: NEC Local**  
**Magnitudes: 1.9ML NEC 1.6MC NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KFRA	SZ	24	97	IP		059	45.17	0.09							1.0
KFRA	SN	24	97	ES		059	48.94	-0.14							1.0
KFRA	SN	24	97	AML		059	49.83			485	0.3				
KFRA	SE	24	97	AML		059	50.78			179	0.1				
BIDA	BZ	29	224	EP		059	45.89	0.08	59						1.0
BIDA	BN	29	224	ES		059	50.13	-0.25							1.0
BIDA	BE	29	224	AML		059	51.12			445	0.2				
BIDA	BN	29	224	AML		059	51.13			335	0.4				
SALM	SZ	166	49	EP		1 0	6.94	0.69							1.0
SALM	SN	166	49	ES		1 0	25.89	-0.86							1.0
SALM	SZ	166	49	AML		1 0	30.99			22	0.6				
JHLN	SZ	178	74	EP		1 0	7.33	-0.32							1.0
JHLN	SN	178	74	ES		1 0	28.72	-0.53							1.0
JHLN	SZ	178	74	AML		1 0	33.52			21	0.2				
BARB	SZ	210	195	EP		1 0	12.30	0.58							1.0
BARB	SE	210	195	ES		1 0	36.12	-0.37							1.0
BARB	SE	210	195	AML		1 0	47.99			3	0.7				
BARB	SN	210	195	AML		1 0	50.46			5	0.6				
SFNV	SZ	348	67	EP		1 0	28.96	-0.26							1.0
SFNV	SN	348	67	ES		1 1	8.26	0.62							1.0
SFNV	SZ	348	67	AML		1 1	24.33			10	0.4				
MZRK	SZ	379	79	EP		1 0	33.03	0.29							1.0
MZRK	SN	379	79	ES		1 1	14.28	0.37							1.0
MZRK	SZ	379	79	AML		1 1	28.29			3	0.4				

**March 30 2009 Hour: 0:59 40.5 Lat: 35.18N Lon: 36.59E Depth: 15 Agency: NEC Local**  
**Magnitudes: 1.9ML NEC 1.6MC NEC Rms: 1.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KFRA	SZ	20	79	IP		059	45.14	0.05	50						1.0
KFRA	SN	20	79	IS		059	48.51	-0.13							1.0
KFRA	SN	20	79	AML		059	49.82			479	0.4				
KFRA	SE	20	79	AML		059	50.77			184	0.1				
BIDA	BZ	29	239	EP		059	45.82	-0.47	61						1.0
BIDA	BN	29	239	ES		059	50.47	-0.30							1.0

BIDA	BN	29	239	AML	059	51.13			333	0.4						
BIDA	BE	29	239	AML	059	51.13			437	0.2						
JHLN	SZ	176	72	EP	1	0	7.10-0.88								1.0	
JHLN	SN	176	72	ES	1	0	29.28-0.09								1.0	
JHLN	SZ	176	72	AML	1	0	31.10			19	0.3					
BARB	SZ	205	197	EP	1	0	11.63-0.07								1.0	
BARB	SE	205	197	AML	1	0	16.58			3	0.2					
BARB	SN	205	197	ES	1	0	36.08 0.08								1.0	
BARB	SN	205	197	AML	1	0	50.49			5	0.4					
SFNV	SZ	346	66	EP	1	0	29.22-0.44								1.0	
SFNV	SN	346	66	ES	1	1	7.64-0.33								1.0	
SFNV	SZ	346	66	AML	1	1	24.35			10	0.4					
MZRK	SZ	376	78	EP	1	0	37.43 4.45								1.0	
MZRK	SN	376	78	ES	1	1	12.01-1.87								1.0	

**March 30 2009 Hour: 2:37 14.9 Lat: 33.28N Lon: 35.10E Depth: 3 Agency: NEC Local**  
**Magnitudes: 1.2ML NEC 1.4MC NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	81	80	EP		237	29.57	0.66	46						1.0
BARB	SN	81	80	ES		237	39.43-0.37								1.0
BARB	SN	81	80	AML		237	42.40			14	0.2				
BARB	SE	81	80	AML		237	42.71			13	0.3				
TCHB	SZ	106	130	EP		237	32.46-0.87								1.0
TCHB	SE	106	130	ES		237	48.17 0.49								1.0
TCHB	SE	106	130	AML		237	52.61			9	0.7				
TCHB	SN	106	130	AML		237	52.75			16	0.5				
SALA	SZ	165	112	EP		237	42.63 0.21								1.0
SALA	SN	165	112	ES		238	3.75-0.12								1.0
SALA	SN	165	112	AML		238	6.71			3	0.6				

**March 30 2009 Hour: 7:11 38.5 Lat: 33.92N Lon: 37.46E Depth: 0 Agency: NEC Local**  
**Magnitudes: 0.9ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZALF	SZ	111	186	EP		711	57.91-0.24								1.0
ZALF	SE	111	186	ES		712	14.41 0.96								1.0
ZALF	SN	111	186	AML		712	19.76			4	0.3				
ZALF	SE	111	186	AML		712	23.01			4	0.2				
HAWK	SZ	118	305	EP		711	59.35 0.21								1.0
HAWK	SN	118	305	ES		712	15.40 0.18								1.0
HAWK	SN	118	305	AML		712	20.99			9	0.6				
HAWK	SE	118	305	AML		712	26.50			7	0.8				
SALA	SZ	150	207	EP		712	3.38-0.72								1.0
SALA	SN	150	207	ES		712	23.66-0.39								1.0
SALA	SN	150	207	AML		712	32.29			6	0.3				
SALA	SE	150	207	AML		712	34.37			0.80	0.3				

**March 30 2009 Hour: 8:32 44.1 Lat: 32.17N Lon: 35.97E Depth: 0 Agency: NEC Local**  
**Magnitudes: 1.6ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	55	360	EP		832	52.58-1.51								1.0
TCHB	SN	55	360	ES		833	1.83-0.03								1.0
TCHB	SN	55	360	AML		833	8.25			57	0.5				
TCHB	SE	55	360	AML		833	9.04			58	0.3				
SALA	SZ	94	50	EP		833	0.47-0.38								1.0
SALA	SN	94	50	ES		833	14.68 0.78								1.0
BARB	SZ	138	359	EP		833	8.29 0.81								1.0
BARB	SN	138	359	ES		833	26.69 0.99								1.0
BARB	SE	138	359	AML		833	33.76			12	0.4				
BARB	SN	138	359	AML		833	35.30			16	0.4				
TOTH	SZ	139	18	EP		833	8.85 0.55								1.0
TOTH	SN	139	18	AML		833	18.98			17	0.6				
TOTH	SN	139	18	ES		833	26.15-1.00								1.0
TOTH	SE	139	18	AML		833	31.74			29	0.4				
ZALF	SZ	153	57	EP		833	10.36 0.22								1.0



ZALF	SE	153	57	ES		833	29.99	-0.43									1.0
ZALF	SE	153	57	AML		833	32.41			9	0.3						
ZALF	SN	153	57	AML		833	33.13			6	0.4						

**March 30 2009 Hour: 8:40 9.6 Lat: 35.18N Lon: 36.53E Depth: 21 Agency: NEC Local**  
**Magnitudes: 1.9ML NEC 2.0MC NEC Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BIDA	BZ	25	233	EP		840	15.09	-0.15	99						1.0
BIDA	BN	25	233	ES		840	19.70	0.09							1.0
BIDA	BE	25	233	AML		840	29.39			190	0.5				
BIDA	BN	25	233	AML		840	29.75			72	0.6				
KFRA	SZ	25	82	EP		840	15.87	0.53	63						1.0
KFRA	SN	25	82	ES		840	19.49	-0.30							1.0
KFRA	SE	25	82	AML		840	28.76			269	0.8				
KFRA	SN	25	82	AML		840	30.84			466	0.4				
WRDH	BZ	38	344	EP		840	16.50	-0.38							1.0
WRDH	BN	38	344	ES		840	22.74	0.21							1.0
WRDH	BN	38	344	AML		840	25.64			51	0.4				
WRDH	BE	38	344	AML		840	27.96			116	0.4				

**March 30 2009 Hour: 9:11 0.2 Lat: 36.39N Lon: 40.35E Depth: 9 Agency: NEC Local**  
**Magnitudes: 1.8ML NEC 1.3MC NEC Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SFNV	SZ	23	279	IP		911	4.78	-0.15	45						1.0
SFNV	SN	23	279	IS		911	8.62	0.01							1.0
SFNV	SZ	23	279	AML		911	14.44			540	0.4				
MZRK	SZ	68	157	EP		911	12.33	0.46							1.0
MZRK	SN	68	157	IS		911	20.67	-0.31							1.0
MZRK	SZ	68	157	AML		911	28.89			35	0.3				
KBSD	SZ	70	14	EP		911	12.30	0.07							1.0
KBSD	SN	70	14	ES		911	21.54	-0.08							1.0
KBSD	SZ	70	14	AML		911	34.94			24	0.6				

**March 30 2009 Hour: 9:15 15.4 Lat: 33.98N Lon: 36.84E Depth: 4 Agency: NEC Local**  
**Magnitudes: 1.2ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ROOS	SZ	47	63	EP		915	23.68	-0.39							1.0
ROOS	SN	47	63	ES		915	30.80	-0.02							1.0
HAWK	SZ	72	327	EP		915	29.01	0.80							1.0
HAWK	SN	72	327	ES		915	37.28	-0.92							1.0
HAWK	SE	72	327	AML		915	42.29			22	0.4				
HAWK	SN	72	327	AML		915	45.53			22	0.4				
TOTH	SZ	78	209	EP		915	29.51	-0.10							1.0
TOTH	SN	78	209	ES		915	40.01	-0.68							1.0
TOTH	SN	78	209	AML		915	48.00			17	0.6				
TOTH	SE	78	209	AML		915	53.59			10	0.4				
BARB	SZ	104	233	EP		915	33.36	0.17							1.0
BARB	SN	104	233	ES		915	47.53	0.47							1.0
BARB	SE	104	233	AML		915	59.31			6	0.8				
BARB	SN	104	233	AML		915	59.45			14	0.6				
ZALF	SZ	126	158	EP		915	37.75	0.82							1.0
ZALF	SN	126	158	ES		915	53.36	-0.35							1.0
ZALF	SE	126	158	AML		916	3.25			4	0.6				
ZALF	SN	126	158	AML		916	8.28			3	0.6				
SALA	SZ	141	184	EP		915	39.71	0.52							1.0
SALA	SN	141	184	IS		915	57.42	-0.32							1.0
SALA	SE	141	184	AML		916	4.60			1	0.4				
SALA	SN	141	184	AML		916	6.05			15	0.4				

**March 30 2009 Hour: 9:58 56.0 Lat: 36.34N Lon: 37.44E Depth: 0 Agency: NEC Local**  
**Magnitudes: 1.8ML NEC 2.2MC NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JHLN	SZ	117	129	EP		959	15.68	-0.41							1.0
JHLN	SN	117	129	ES		959	32.13	0.34							1.0
JHLN	SZ	117	129	AML		959	47.64			17	0.4				
WRDH	BZ	131	225	EP		959	18.75	0.61	77						1.0
WRDH	BN	131	225	ES		959	35.37	-0.07							1.0
WRDH	BE	131	225	AML		959	37.13			35	0.3				
WRDH	BN	131	225	AML		959	40.99			23	0.6				
BIDA	BZ	176	216	EP		959	25.46	0.48	105						1.0
BIDA	BN	176	216	ES		959	47.07	-0.54							1.0
BIDA	BN	176	216	AML		959	51.05			17	0.8				
BIDA	BE	176	216	AML		959	53.29			29	0.3				
SFNV	SZ	239	87	EP		959	33.57	0.13							1.0
SFNV	SE	239	87	ES		10 0	2.82	0.13							1.0
SFNV	SZ	239	87	AML		10 0	29.81			15	0.5				
MZRK	SZ	295	100	EP		959	39.12	-0.93							1.0
MZRK	SN	295	100	ES		10 0	14.69	0.25							1.0
MZRK	SZ	295	100	AML		10 0	48.27			12	0.3				

**March 30 2009 Hour: 10:45 48.1 Lat: 32.19N Lon: 36.28E Depth: 26 Agency: NEC Local**  
**Magnitudes: 1.3ML NEC 2.3MC NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	61	331	EP		1045	59.23	0.26							1.0
TCHB	SN	61	331	ES		1046	7.52	0.04							1.0
TCHB	SE	61	331	AML		1046	16.20			36	0.3				
TCHB	SN	61	331	AML		1046	19.46			37	0.4				
SALA	SZ	72	36	EP		1046	0.05	-0.79	103						1.0
SALA	SN	72	36	ES		1046	11.08	0.27							1.0
SALA	SE	72	36	AML		1046	15.79			2	0.6				
SALA	SN	72	36	AML		1046	21.43			20	0.5				
ZALF	SZ	129	50	EP		1046	9.61	0.51	93						1.0
ZALF	SN	129	50	ES		1046	25.45	-0.05							1.0
ZALF	SN	129	50	AML		1046	30.63			4	0.6				
ZALF	SE	129	50	AML		1046	32.35			7	0.3				
BARB	SZ	139	347	EP		1046	9.97	-0.14	90						1.0
BARB	SN	139	347	ES		1046	27.19	-0.11							1.0
BARB	SE	139	347	AML		1046	33.26			10	0.4				
BARB	SN	139	347	AML		1046	38.51			11	0.3				

**March 30 2009 Hour: 19:3 30.8 Lat: 32.54N Lon: 34.86E Depth: 64 Agency: NEC Local**  
**Magnitudes: 1.5ML NEC Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	105	82	EP		19 3	48.40	-0.14							1.0
TCHB	SE	105	82	ES		19 4	2.43	0.08							1.0
TCHB	SE	105	82	AML		19 4	4.65			27	0.4				
TCHB	SN	105	82	AML		19 4	4.83			70	0.4				
BARB	SZ	140	46	EP		19 3	52.36	-0.24							1.0
BARB	SN	140	46	ES		19 4	9.70	0.13							1.0
BARB	SN	140	46	AML		19 4	12.73			13	0.4				
BARB	SE	140	46	AML		19 4	13.88			6	0.2				
SALA	SZ	177	84	EP		19 3	57.80	0.38							1.0
SALA	SN	177	84	ES		19 4	17.94	-0.21							1.0
SALA	SE	177	84	AML		19 4	22.31			1	0.4				
SALA	SN	177	84	AML		19 4	25.45			11	0.5				

**March 30 2009 Hour: 22:19 0.9 Lat: 34.94N Lon: 34.02E Depth:149 Agency: NEC Local**  
**Magnitudes: 2.2ML NEC Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	259	126	EP		2219	41.02	0.05							1.0
QASN	SN	259	126	AML		2219	43.37			90	0.3				
QASN	SE	259	126	AML		2219	44.09			58	0.2				
QASN	SN	259	126	ES		2220	12.05	-0.19							1.0
TOTH	SZ	282	128	EP		2219	44.11	0.47							1.0
TOTH	SN	282	128	ES		2220	17.14	0.16							1.0
TOTH	SN	282	128	AML		2220	21.77			18	0.3				
TOTH	SE	282	128	AML		2220	23.23			45	0.6				
TCHB	SZ	309	144	IP		2219	45.01	-1.26							1.0
TCHB	SN	309	144	ES		2220	21.63	-0.03							1.0
TCHB	SN	309	144	IS		2220	22.11								
TCHB	SN	309	144	AML		2220	25.23			45	0.2				
TCHB	SE	309	144	AML		2220	25.67			43	0.3				
SALA	SZ	352	134	EP		2219	52.11	0.63							1.0
SALA	SN	352	134	ES		2220	32.05	1.11							1.0
SALA	SE	352	134	AML		2220	37.65			1	0.4				
SALA	SN	352	134	AML		2220	43.43			11	0.3				
ZALF	SZ	379	125	EP		2219	54.77	0.15							1.0
ZALF	SN	379	125	ES		2220	35.45	-1.08							1.0
ZALF	SN	379	125	AML		2220	50.83			4	0.2				
ZALF	SE	379	125	AML		2220	56.86			5	0.6				

**March 31 2009 Hour: 6:52 23.1 Lat: 32.24N Lon: 35.84E Depth: 0 Agency: NEC Local**  
**Magnitudes: 1.7ML NEC Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	48	14	EP		652	31.01	-0.87							1.0
TCHB	SN	48	14	ES		652	38.65	-0.07							1.0
TCHB	SN	48	14	AML		652	47.61			95	0.5				
TCHB	SE	48	14	AML		653	1.22			116	0.5				
SALA	SZ	99	58	EP		652	41.19	0.50							1.0
SALA	SN	99	58	ES		652	55.01	0.61							1.0
SALA	SE	99	58	AML		653	4.51			3	0.3				
SALA	SN	99	58	AML		653	7.08			39	0.4				
TOTH	SZ	136	24	EP		652	47.30	0.55							1.0
TOTH	SN	136	24	ES		653	5.56	0.38							1.0
TOTH	SE	136	24	AML		653	11.28			49	0.5				
TOTH	SN	136	24	AML		653	12.57			28	0.4				
ZALF	SZ	159	61	EP		652	50.04	0.02							1.0
ZALF	SN	159	61	ES		653	9.86	-1.14							1.0
ZALF	SE	159	61	AML		653	16.14			19	0.4				
ZALF	SN	159	61	AML		653	26.02			9	0.6				

**March 31 2009 Hour: 11:56 37.3 Lat: 35.20N Lon: 39.45E Depth: 38 Agency: NEC Local**  
**Magnitudes: 2.3ML NEC 2.3MC NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	129	57	IP		1156	56.56	-0.59	105						1.0
MZRK	SN	129	57	ES		1157	12.70	0.08							1.0
MZRK	SZ	129	57	AML		1157	14.92			72	0.4				
SFNV	SZ	148	23	IP		1157	0.86	1.04	96						1.0
SFNV	SN	148	23	IS		1157	16.91	-0.47							1.0
SFNV	SZ	148	23	AML		1157	22.19			105	0.2				
SALM	SZ	178	310	EP		1157	2.73	-0.65							1.0
SALM	SN	178	310	ES		1157	23.61	-0.10							1.0
SALM	SZ	178	310	AML		1157	32.16			65	0.5				
KBSD	SZ	223	26	EP		1157	8.93	0.14							1.0
KBSD	SN	223	26	ES		1157	33.48	0.13							1.0
KBSD	SZ	223	26	AML		1157	43.59			40	0.3				
BIDA	BZ	287	268	EP		1157	16.93	0.00							1.0
BIDA	BN	287	268	ES		1157	48.16	0.33							1.0
BIDA	BN	287	268	AML		1158	4.59			22	0.5				

BIDA	BE	287	268	AML	1158	5.26			46	0.6					
BIDA	BZ	287	268	AML	1158	8.39			58	0.4					
ZALF	SZ	319	218	EP	1157	21.10	-0.18								1.0
ZALF	SN	319	218	ES	1157	54.66	-0.92								1.0
ZALF	SE	319	218	AML	1158	15.43			13	0.6					
ZALF	SN	319	218	AML	1158	22.07			7	0.6					
SALA	SZ	373	223	EP	1157	28.80	0.70								1.0
SALA	SN	373	223	ES	1158	8.21	0.49								1.0

**March 31 2009 Hour: 14:32 29.7 Lat: 32.21N Lon: 36.57E Depth: 10 Agency: NEC Local**  
**Magnitudes: 1.1ML NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SALA	SZ	58	15	EP		1432	39.83	-0.31							1.0
SALA	SN	58	15	ES		1432	48.46	0.17							1.0
ZALF	SZ	107	42	EP		1432	48.66	0.69							1.0
ZALF	SN	107	42	ES		1433	1.84	-0.39							1.0
ZALF	SE	107	42	AML		1433	5.95			5	0.3				
ZALF	SN	107	42	AML		1433	11.05			4	0.4				
BARB	SZ	146	337	EP		1432	52.99	-0.37							1.0
BARB	SN	146	337	ES		1433	12.04	0.21							1.0
BARB	SN	146	337	AML		1433	15.64			7	0.4				
BARB	SE	146	337	AML		1433	18.47			6	0.6				

الاحداث المسجلة بالشبكة الوطنية للرصد الزلزالي حسب التوقيت العالمي

NO	Year	month	day	Hour	Minute	Second	lat(N)	lon(E)	depth	MI
1	2009	3	1	12	41	29	33.503	36.012	0	1.5
2	2009	3	1	20	54	2.8	35.343	39.499	0	3.3
3	2009	3	1	20	54	4.7	35.375	39.374	0	3.3
4	2009	3	4	30	8	8.1	34.116	37.614	14.4	2.9
5	2009	3	4	11	7	23.1	33.786	36.994	18.1	1.9
6	2009	3	8	12	17	26.8	33.742	36.798	6.1	1.6
7	2009	3	9	17	24	4.2	33.189	35.845	9.3	2.2
8	2009	3	9	17	24	58.5	33.192	35.895	7	3
9	2009	3	9	18	27	44.4	33.184	35.841	7.2	2.1
10	2009	3	10	13	12	52.4	37.537	44.841	37.2	4.4
11	2009	3	10	15	17	18.9	33.958	36.489	0.1	1.4
12	2009	3	11	90	9	56.6	34.151	37.832	2.4	1.6
13	2009	3	11	10	7	24.6	34.674	36.51	51.9	1.8
14	2009	3	11	10	54	15.3	34.474	36.752	18.7	1.6
15	2009	3	11	11	42	58.7	33.687	36.731	21.6	2.2
16	2009	3	11	11	42	59	33.72	36.764	14.1	2.1
17	2009	3	11	11	42	59.6	33.7	36.705	13.6	2.4
18	2009	3	11	12	29	18.8	34.427	36.714	9.9	2.1
19	2009	3	11	19	54	8.1	36.215	36.696	28.3	1.8
20	2009	3	11	22	21	25.8	33.061	32.373	0	2.2
21	2009	3	11	22	21	29.1	33.126	32.6	5	2.3
22	2009	3	12	95	9	58.3	34.436	36.163	45.9	2.3
23	2009	3	12	13	54	24.4	34.44	36.257	42.2	1.9
24	2009	3	15	12	1	31.8	34.431	36.696	8.7	2.1
25	2009	3	16	10	46	31.6	35.053	36.737	10.2	1.7
26	2009	3	17	14	47	2.8	34.232	36.562	7.9	1.9
27	2009	3	17	15	18	59.6	35.871	38.487	117	2.7
28	2009	3	18	85	4	54.6	34.21	37.808	5	1.4
29	2009	3	18	10	32	32.6	33.648	36.303	32	1.7
30	2009	3	19	10	6	36.1	33.17	35.446	26.4	1.7
31	2009	3	19	11	5	8.2	33.524	36.697	57.1	1.6
32	2009	3	19	14	37	34.7	32.989	36.268	0.1	0.8
33	2009	3	21	13	33	55.2	32.469	35.944	11.8	1.4
34	2009	3	22	23	1	56.3	35.578	41.338	0	3.2
35	2009	3	22	92	1	48	34.761	37.744	20.2	1.9
36	2009	3	23	21	54	57.7	35.184	40.401	14.4	3
37	2009	3	23	22	43	31.9	36.385	40.942	60.4	2.8
38	2009	3	25	21	9	39.9	35.133	40.523	13.8	2.5
39	2009	3	26	19	56	46.1	36.313	41.173	26.1	2.8
40	2009	3	29	11	57	58.6	32.453	35.959	7.9	1.5
41	2009	3	29	12	17	32.5	33.76	36.6	5	1.3
42	2009	3	30	59		40	35.237	36.539	16.1	1.9
43	2009	3	30	59		40.5	35.179	36.586	15.9	1.9
44	2009	3	30	23	7	14.9	33.284	35.098	3.9	1.2
45	2009	3	30	71	1	38.5	33.917	37.46	0	0.9
46	2009	3	30	83	2	44.1	32.169	35.968	0.1	1.6
47	2009	3	30	84	0	9.6	35.179	36.529	21.7	1.9
48	2009	3	30	91	1	0.2	36.386	40.354	9.2	1.8
49	2009	3	30	91	5	15.4	33.977	36.839	4.4	1.2

50	2009	3	30	95	8	56	36.339	37.435	0.5	1.8
51	2009	3	30	10	45	48.1	32.186	36.278	26.6	1.3
52	2009	3	30	19	3	30.8	32.545	34.859	64.3	1.5
53	2009	3	30	22	19	0.9	34.936	34.024	149.3	2.2
54	2009	3	31	65	2	23.1	32.244	35.838	0.4	1.7
55	2009	3	31	11	56	37.3	35.197	39.453	38.4	2.3
56	2009	3	31	14	32	29.7	32.206	36.572	10.1	1.1

# الاحداث الزلزالية المسجلة بالشبكة الوطنية للرصد الزلزالي خلال شهر اذار 2009

