

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

# Seismological Bulletin

from the

National Seismological Network  
(*SNSN*)

*January*

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*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.

**January 3 2009 Hour: 12:42 14.1 Lat: 32.48N Lon: 36.19E Depth: 5 Agency: NEC Local**  
**Magnitudes: 1.8ML NEC 2.3MC NEC Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	29	315	EP		1242	19.15	-0.35	74						1.0
TCHB	SN	29	315	ES		1242	23.92	0.20							1.0
TCHB	SN	29	315	AML		1242	34.87			273	0.7				
TCHB	SZ	29	315	AML		1242	35.82			435	0.4				
TCHB	SE	29	315	AML		1242	42.69			149	0.6				
BARB	SZ	105	348	IP		1242	32.39	0.34							1.0
BARB	SZ	105	348	ES		1242	45.88	-0.19							1.0
ZALF	SZ	118	65	EP		1242	34.42	0.01	139						1.0
ZALF	SZ	118	65	ES		1242	50.26	-0.01							1.0
ZALF	SZ	118	65	AML		1242	54.97			16	0.6				
ZALF	SN	118	65	AML		1242	55.49			7	0.6				

**January 3 2009 Hour: 14:10 5.2 Lat: 33.91N Lon: 37.77E Depth: 1 Agency: NEC Local**  
**Magnitudes: 1.8ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZALF	SZ	117	200	EP		1410	25.60	-0.12							1.0
ZALF	SN	117	200	ES		1410	42.74	1.03							1.0
ZALF	SE	117	200	AML		1410	47.11			21	0.3				
ZALF	SN	117	200	AML		1410	48.48			17	0.2				
QASN	SZ	145	254	EP		1410	30.13	0.09							1.0
QASN	SE	145	254	AML		1410	31.32			96	0.4				
QASN	SN	145	254	AML		1410	32.71			76	0.2				
QASN	SN	145	254	ES		1410	50.83	1.43							1.0
SALA	SZ	165	216	IP		1410	32.78	-0.05							1.0
SALA	SN	165	216	IS		1410	53.12	-1.24							1.0
SALA	SE	165	216	AML		1411	3.70			3	0.4				
SALA	SN	165	216	AML		1411	5.68			24	0.4				
BARB	SZ	178	252	EP		1410	34.25	-0.17							1.0
BARB	SN	178	252	ES		1410	56.22	-0.98							1.0
BARB	SN	178	252	AML		1411	2.43			18	0.2				
BARB	SE	178	252	AML		1411	9.24			13	0.5				

**January 3 2009 Hour: 20:28 6.4 Lat: 35.32N Lon: 36.09E Depth: 0 Agency: NEC Local**  
**Magnitudes: 2.6ML NEC Rms: 0.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZALF	SZ	290	156	IP		2028	50.16	-0.06							1.0
ZALF	SN	290	156	IS		2029	24.68	0.25							1.0
ZALF	SN	290	156	AML		2029	50.08			147	0.7				
ZALF	SE	290	156	AML		2030	15.10			40	0.5				
TCHB	SZ	294	182	EP		2028	49.44	-1.17							1.0
TCHB	SN	294	182	ES		2029	25.96	0.84							1.0
TCHB	SN	294	182	AML		2030	18.65			129	0.9				
TCHB	SE	294	182	AML		2030	31.51			77	0.2				
SALA	SZ	295	168	IP		2028	52.19	1.20							1.0
SALA	SE	295	168	IS		2029	24.74	-1.07							1.0
SALA	SE	295	168	AML		2030	23.64			8	0.6				
SALA	SN	295	168	AML		2030	51.14			78	0.6				

**January 4 2009 Hour: 11:17 12.6 Lat: 34.44N Lon: 36.78E Depth: 3 Agency: NEC Local**  
**Magnitudes: 2.1ML NEC 1.4MC NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	35	285	EP		1117	18.21	-0.90	39						1.0
HAWK	SE	35	285	ES		1117	24.19	0.02							1.0
HAWK	SE	35	285	AML		1117	25.69			479	0.4				
HAWK	SN	35	285	AML		1117	27.66			220	0.4				
ROOS	AZ	56	122	EP		1117	22.78	-0.09							1.0
ROOS	AZ	56	122	ES		1117	31.02	0.16							1.0
BIDA	BZ	80	328	EP		1117	26.60	0.08	40						1.0
BIDA	BZ	80	328	ES		1117	37.69	0.33							1.0
BIDA	BN	80	328	AML		1117	41.31			112	0.3				

BIDA	BE	80	328	AML	1117	44.99			45	0.5							
BARB	SZ	137	214	EP	1117	35.68	0.07										1.0
BARB	SZ	137	214	ES	1117	54.27	0.73										1.0
SALA	SZ	192	181	EP	1117	44.30	0.45	54									1.0
SALA	SE	192	181	ES	1118	7.38	-0.84										1.0
SALA	SN	192	181	AML	1118	12.69			29	0.5							

**January 4 2009 Hour: 12:33 54.9 Lat: 37.37N Lon: 38.82E Depth: 20 Agency: NEC Local**  
**Magnitudes: 3.0ML NEC 3.3MW NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SALM	SZ	151	212	EP		1234	19.10	0.21							1.0
SALM	SN	151	212	ES		1234	37.89	0.24							1.0
SFNV	SZ	156	132	EP		1234	20.13	0.35							1.0
SFNV	SE	156	132	ES		1234	39.14	-0.08							1.0
KBSD	SZ	159	105	EP		1234	19.66	-0.01							1.0
KBSD	SE	159	105	ES		1234	39.77	0.75							1.0
KBSD	SZ	159	105	AML		1234	44.07			348	0.3				
KBSD	SE	159	105	AML		1234	45.74			405	0.4				
KBSD	SN	159	105	AML		1234	46.11			218	0.3				
MZRK	SZ	238	136	EP		1234	28.28	-1.30							1.0
MZRK	SN	238	136	ES		1234	56.55	-0.12							1.0
HAWK	SZ	384	215	EP		1234	48.11	-0.04							1.0

**January 5 2009 Hour: 11: 2 16.0 Lat: 33.44N Lon: 36.55E Depth: 2 Agency: NEC Local**  
**Magnitudes: 1.4ML NEC 2.0MC NEC Rms: 8.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TOTH	SZ	14	232	EP		11 2	3.75	-15.4	67						1.0
TOTH	SN	14	232	ES		11 2	11.12	-10.5							1.0
TOTH	SE	14	232	AML		11 2	14.96			53	0.2				
TOTH	SN	14	232	AML		11 2	15.57			96	0.4				
BARB	SZ	56	267	EP		11 2	34.26	8.46	67						1.0
BARB	SN	56	267	ES		11 2	49.76	16.30							1.0
BARB	SN	56	267	AML		11 2	53.12			25	0.3				
BARB	SE	56	267	AML		11 2	55.85			18	0.4				
ZALF	SZ	93	128	EP		11 2	36.90	4.33	175						1.0
ZALF	SN	93	128	ES		11 2	49.95	4.45							1.0
ZALF	SN	93	128	AML		11 2	58.04			30	0.4				
ZALF	SE	93	128	AML		11 3	5.46			29	0.7				
HAWK	SZ	121	354	EP		11 2	36.76	-0.11	50						1.0
HAWK	SZ	121	354	ES		11 2	49.72	-3.44							1.0
BIDA	BZ	180	353	EP		11 2	45.33	-0.12							1.0
BIDA	BN	180	353	ES		11 3	4.53	-3.91							1.0

**January 6 2009 Hour: 9:58 56.7 Lat: 34.40N Lon: 36.64E Depth: 64 Agency: NEC Local**  
**Magnitudes: 1.7ML NEC 1.6MC NEC 2.3MW T Rms: 2.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TOTH	SZ	117	190	IP		959	14.60	-1.75	51						1.0
TOTH	SN	117	190	ES		959	32.65	0.99							1.0
TOTH	SZ	117	190	AML		959	33.89			26	0.6				
TOTH	SE	117	190	AML		959	34.80			12	0.4				
TOTH	SN	117	190	AML		959	36.29			24	0.8				
BARB	SZ	127	210	EP		959	13.71	-3.28							1.0
BARB	SN	127	210	ES		959	34.63	1.84							1.0
SALA	SZ	188	177	IP		959	29.73	5.03							1.0
SALA	SZ	188	177	ES		959	43.69	-2.83							1.0

**January 6 2009 Hour: 11: 6 45.2 Lat: 33.70N Lon: 36.85E Depth: 18 Agency: NEC Local**  
**Magnitudes: 1.6ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	90	249	EP		11 6	59.78	0.45							1.0
BARB	SN	90	249	ES		11 7	10.34	0.00							1.0
BARB	SE	90	249	AML		11 7	21.81			47	0.5				
BARB	SN	90	249	AML		11 7	24.83			23	0.5				
ZALF	SZ	98	152	EP		11 7	1.99	1.13							1.0

ZALF	SE	98	152	ES	11	7	12.54-0.51										1.0
ZALF	SE	98	152	AML	11	7	20.48			28	0.8						
ZALF	SN	98	152	AML	11	7	46.20			37	0.8						
HAWK	SZ	100	336	EP	11	7	0.81-0.18										1.0
HAWK	SE	100	336	ES	11	7	13.07-0.22										1.0
HAWK	SN	100	336	AML	11	7	23.77			15	0.4						
HAWK	SE	100	336	AML	11	7	26.13			16	0.7						
SALA	SZ	111	186	EP	11	7	2.40-0.41										1.0
SALA	SN	111	186	ES	11	7	16.26-0.26										1.0
SALA	SN	111	186	AML	11	7	30.65			46	0.7						
SALA	SE	111	186	AML	11	7	32.00			4	0.7						

**January 6 2009 Hour: 11:12 15.9 Lat: 33.68N Lon: 36.75E Depth: 5 Agency: NEC Local**  
**Magnitudes: 1.8ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	80	249	EP		1112	30.21	0.33							1.0
BARB	SN	80	249	ES		1112	40.39-0.35								1.0
BARB	SE	80	249	AML		1112	55.27			69	0.6				
BARB	SN	80	249	AML		1112	55.68			51	0.6				
HAWK	SZ	99	341	EP		1112	32.74-0.37								1.0
HAWK	SN	99	341	ES		1112	46.70	0.19							1.0
HAWK	SE	99	341	AML		1112	57.84			32	0.5				
HAWK	SN	99	341	AML		1112	57.84			43	0.6				
ZALF	SZ	100	147	EP		1112	34.19	0.81							1.0
ZALF	SE	100	147	ES		1112	46.24-0.75								1.0
ZALF	SN	100	147	AML		1112	54.64			44	0.6				
ZALF	SE	100	147	AML		1113	6.94			36	0.6				
SALA	SZ	107	181	EP		1112	34.24-0.36								1.0
SALA	SE	107	181	ES		1112	49.65	0.50							1.0
SALA	SN	107	181	AML		1112	55.53			81	0.3				
SALA	SE	107	181	AML		1112	59.14			5	0.3				

**January 6 2009 Hour: 13:10 17.7 Lat: 35.44N Lon: 37.23E Depth: 21 Agency: NEC Local**  
**Magnitudes: 2.3ML NEC Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KFRA	SZ	47	237	EP		1310	26.27-0.10								1.0
KFRA	SN	47	237	ES		1310	33.20	0.05							1.0
KFRA	SN	47	237	AML		1310	34.76			527	0.2				
KFRA	SE	47	237	AML		1310	35.94			760	0.3				
BIDA	BZ	94	242	EP		1310	33.29	0.03							1.0
BIDA	BN	94	242	ES		1310	45.41-0.01								1.0
BIDA	BE	94	242	AML		1310	47.15			114	0.3				
BIDA	BN	94	242	AML		1310	47.55			308	0.2				
HAWK	SZ	127	217	EP		1310	38.32	0.07							1.0
HAWK	SN	127	217	ES		1310	54.26-0.04								1.0
HAWK	SE	127	217	AML		1310	55.96			27	0.4				
HAWK	SN	127	217	AML		1310	56.21			16	0.4				

**January 6 2009 Hour: 13:35 13.4 Lat: 34.22N Lon: 37.89E Depth: 20 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
ROOS	SZ	55	265	EP		1335	24.03	0.43							1.0
ROOS	SE	55	265	ES		1335	31.18-0.38								1.0
ROOS	SE	55	265	AML		1335	39.25			2	0.2				
ROOS	SN	55	265	AML		1335	42.05			2	0.3				
HAWK	SZ	140	284	EP		1335	35.30-0.67								1.0
HAWK	SE	140	284	ES		1335	54.14	0.56							1.0
HAWK	SE	140	284	AML		1335	59.84			16	0.4				
HAWK	SN	140	284	AML		1335	59.87			24	0.3				
ZALF	SZ	153	200	EP		1335	38.73	0.81							1.0
ZALF	SN	153	200	ES		1335	57.55	0.49							1.0
ZALF	SN	153	200	AML		1336	2.95			24	0.4				
ZALF	SE	153	200	AML		1336	4.95			26	0.4				
SALA	SZ	199	213	EP		1335	43.27-0.49								1.0

SALA	SN	199	213	ES	1336	6.54	-0.90											1.0
SALA	SE	199	213	AML	1336	9.36			6	0.3								
SALA	SN	199	213	AML	1336	9.62			47	0.6								
BARB	SZ	201	244	EP	1335	43.27	-0.35											1.0
BARB	SE	201	244	ES	1336	7.68	0.49											1.0
BARB	SE	201	244	AML	1336	15.38			18	0.3								
BARB	SN	201	244	AML	1336	19.33			13	0.4								

**January 8 2009 Hour: 0:24 38.2 Lat: 37.80N Lon: 38.24E Depth:143 Agency: NEC Local**  
**Magnitudes: 2.6ML NEC Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JHLN	SZ	238	176	EP		025	14.34	-0.52							1.0
JHLN	SE	238	176	ES		025	43.78	0.29							1.0
JHLN	SZ	238	176	AML		026	1.11			53	0.4				
KFRA	SZ	315	205	EP		025	24.05	0.13							1.0
KFRA	SN	315	205	ES		025	59.53	-0.07							1.0
KFRA	SN	315	205	AML		026	22.01			134	0.5				
KFRA	SE	315	205	AML		026	26.79			115	0.5				
HAWK	SZ	400	205	EP		025	34.39	0.39							1.0
HAWK	SN	400	205	ES		026	17.33	-0.22							1.0
HAWK	SN	400	205	AML		026	43.51			10	0.5				
HAWK	SE	400	205	AML		026	49.32			21	0.4				

**January 8 2009 Hour: 0:37 40.5 Lat: 33.95N Lon: 47.87E Depth:155 Agency: NEC Local**  
**Magnitudes: 3.6ML NEC Rms:16.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JHLN	SZ	884	285	EP		039	38.27	2.66							1.0
JHLN	SE	884	285	ES		040	57.89	-7.54							1.0
JHLN	SZ	884	285	AML		041	32.41			58	0.5				
ZALF	SZ	986	266	EP		040	12.03	23.34							1.0
ZALF	SE	986	266	ES		041	30.48	1.76							1.0
HAWK	SZ	1058	277	EP		040	5.92	8.45							1.0
HAWK	SN	1058	277	ES		041	59.97	15.64							1.0
TOTH	SZ	1063	270	EP		039	24.14	-34.4							1.0
TOTH	SN	1063	270	ES		041	36.22	-9.95							1.0

**January 8 2009 Hour: 0:38 18.6 Lat: 37.37N Lon: 45.76E Depth: 5 Agency: NEC Local**  
**Magnitudes: 3.3ML NEC Rms: 9.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JHLN	SZ	682	256	EP		039	40.44	-10.1							1.0
JHLN	SE	682	256	ES		040	55.16	-7.01							1.0
JHLN	SZ	682	256	AML		041	32.06			58	0.6				
KFRA	SZ	839	256	EP		040	27.98	17.63							1.0
KFRA	SN	839	256	ES		041	40.23	2.75							1.0
ZALF	SZ	911	240	EP		040	12.02	-7.57							1.0
ZALF	SN	911	240	ES		041	58.18	4.25							1.0

**January 8 2009 Hour: 0:38 20.7 Lat: 37.51N Lon: 44.77E Depth:105 Agency: NEC Local**  
**Magnitudes: 3.2ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBSD	SZ	379	263	EP		039	13.26	0.72							1.0
KBSD	SE	379	263	ES		039	52.37	-0.64							1.0
KBSD	SZ	379	263	AML		040	20.83			123	0.7				
SFNV	SZ	433	255	EP		039	20.54	0.94							1.0
SFNV	SN	433	255	ES		040	5.44	-0.14							1.0
SFNV	SZ	433	255	AML		040	36.77			82	0.8				
JHLN	SZ	603	252	EP		039	38.48	-1.68							1.0
JHLN	SE	603	252	ES		040	42.77	0.60							1.0
JHLN	SZ	603	252	AML		041	29.37			59	0.6				
SALM	SZ	627	259	EP		039	43.32	0.03							1.0
SALM	SN	627	259	ES		040	47.92	0.18							1.0
SALM	SZ	627	259	AML		041	35.81			132	0.8				



**January 8 2009 Hour: 0:38 20.1 Lat: 36.53N Lon: 44.99E Depth: 37 Agency: NEC Local**  
**Magnitudes: 3.0ML NEC Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	398	260	EP		039	14.23	0.73							1.0
MZRK	SN	398	260	ES		039	53.94	-1.20							1.0
MZRK	SZ	398	260	AML		040	32.42			153	0.6				
SFNV	SZ	438	270	EP		039	19.11	0.17							1.0
SFNV	SN	438	270	ES		040	4.61	-0.21							1.0
SFNV	SZ	438	270	AML		040	36.74			82	0.8				
KSRV	SZ	558	257	EP		039	32.71	-0.96							1.0
KSRV	SZ	558	257	AML		039	42.00			23	0.4				
KSRV	SE	558	257	ES		040	31.83	0.78							1.0
JHLN	SZ	598	263	EP		039	38.53	0.06							1.0
JHLN	SE	598	263	ES		040	40.22	0.63							1.0
JHLN	SZ	598	263	AML		041	29.66			60	0.6				

**January 8 2009 Hour: 11:36 33.2 Lat: 34.50N Lon: 38.44E Depth: 38 Agency: NEC Local**  
**Magnitudes: 2.0ML NEC Rms: 9.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZALF	SZ	202	211	EP		1137	5.20	2.59							1.0
ZALF	SE	202	211	ES		1137	18.86	-6.67							1.0
ZALF	SE	202	211	AML		1137	26.51			13	0.5				
ZALF	SN	202	211	AML		1137	31.16			20	0.7				
SFNV	SZ	261	35	EP		1137	23.95	14.02							1.0
SFNV	SN	261	35	ES		1137	36.74	-1.82							1.0
SFNV	SZ	261	35	AML		1137	44.90			18	0.2				
KBSD	SZ	337	34	EP		1137	25.60	6.66							1.0
KBSD	SE	337	34	ES		1137	39.82	-14.8							1.0
KBSD	SZ	337	34	AML		1137	45.69			32	0.3				

**January 9 2009 Hour: 18:49 55.4 Lat: 34.39N Lon: 36.15E Depth: 39 Agency: NEC Local**  
**Magnitudes: 2.1ML NEC 2.3MC NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	111	190	EP		1850	12.17	-0.87	86						1.0
BARB	SN	111	190	ES		1850	27.24	0.45							1.0
BARB	SN	111	190	AML		1850	36.31			55	0.5				
BARB	SE	111	190	AML		1850	36.61			44	0.5				
TCHB	SZ	192	185	EP		1850	23.54	0.20	91						1.0
TCHB	SN	192	185	ES		1850	44.82	-0.30							1.0
TCHB	SN	192	185	AML		1850	54.50			104	0.6				
TCHB	SE	192	185	AML		1850	54.83			105	0.3				
SALA	SZ	194	164	EP		1850	24.60	0.74	100						1.0
SALA	SN	194	164	ES		1850	46.00	-0.04							1.0
SALA	SE	194	164	AML		1850	59.52			4	0.4				
SALA	SN	194	164	AML		1851	2.15			26	0.3				
ZALF	SZ	197	146	EP		1850	24.12	0.02	93						1.0
ZALF	SN	197	146	ES		1850	46.27	-0.21							1.0
ZALF	SN	197	146	AML		1850	52.47			36	0.5				
ZALF	SE	197	146	AML		1850	53.53			28	0.5				

**January 10 2009 Hour: 18:30 22.9 Lat: 35.67N Lon: 28.65E Depth: 0 Agency: NEC Local**  
**Magnitudes: 3.3ML NEC Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	716	108	EP		1831	59.99	0.29							1.0
BARB	SE	716	108	ES		1833	14.34	-0.87							1.0
BARB	SE	716	108	AML		1833	31.24			74	0.9				
BARB	SN	716	108	AML		1833	32.39			95	0.4				
HAWK	SZ	719	98	EP		1831	59.15	-1.10							1.0
HAWK	SE	719	98	ES		1833	17.27	1.09							1.0
HAWK	SN	719	98	AML		1833	28.13			54	0.6				
HAWK	SE	719	98	AML		1833	34.54			30	0.6				
QASN	SZ	739	107	EP		1832	3.56	0.50							1.0
QASN	SE	739	107	ES		1833	21.06	-0.13							1.0

QASN	SE	739	107	AML	1833	40.22			181	0.5						
QASN	SN	739	107	AML	1833	40.59			125	0.5						
TCHB	SZ	753	114	EP	1832	4.98	0.57									1.0
TCHB	SN	753	114	ES	1833	24.39	0.80									1.0
TCHB	SN	753	114	AML	1833	45.58			121	0.5						
TCHB	SE	753	114	AML	1833	48.81			110	0.6						
SALA	SZ	814	112	EP	1832	12.57	0.20									1.0
SALA	SE	814	112	ES	1833	37.22	-0.55									1.0
SALA	SN	814	112	AML	1833	54.10			35	0.7						
SALA	SE	814	112	AML	1834	4.08			4	0.6						
ZALF	SZ	856	108	EP	1832	17.02	-0.49									1.0
ZALF	SN	856	108	ES	1833	46.60	-0.31									1.0
ZALF	SN	856	108	AML	1834	8.78			17	0.6						
ZALF	SE	856	108	AML	1834	16.13			15	0.6						

**January 11 2009 Hour: 11:19 47.9 Lat: 33.51N Lon: 35.73E Depth: 7 Agency: NEC Local**  
**Magnitudes: 2.1ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	51	87	EP		1119	56.22	-1.13							1.0
QASN	SN	51	87	ES		1120	5.35	0.63							1.0
QASN	SN	51	87	AML		1120	10.83			327	0.3				
QASN	SE	51	87	AML		1120	13.83			296	0.3				
SALA	SZ	129	133	EP		1120	9.59	-0.11							1.0
SALA	SN	129	133	ES		1120	26.76	0.06							1.0
SALA	SE	129	133	AML		1120	32.36			7	0.3				
SALA	SN	129	133	AML		1120	35.68			49	0.4				
ZALF	SZ	163	113	EP		1120	16.01	1.23							1.0
ZALF	SN	163	113	ES		1120	35.05	-0.69							1.0
ZALF	SN	163	113	AML		1120	41.67			53	0.6				
ZALF	SE	163	113	AML		1120	45.45			40	0.6				

**January 11 2009 Hour: 11:20 4.8 Lat: 33.92N Lon: 37.01E Depth: 0 Agency: NEC Local**  
**Magnitudes: 2.3ML NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	87	320	EP		1120	20.53	0.31							1.0
HAWK	SE	87	320	ES		1120	31.75	-0.50							1.0
HAWK	SN	87	320	AML		1120	34.75			37	0.5				
HAWK	SE	87	320	AML		1120	38.10			42	0.6				
BIDA	BZ	140	333	EP		1120	28.96	0.37							1.0
BIDA	BN	140	333	ES		1120	47.53	0.39							1.0
BIDA	BN	140	333	AML		1120	50.35			48	0.4				
BIDA	BE	140	333	AML		1120	56.11			108	0.4				
KFRA	SZ	145	352	EP		1120	28.59	-0.73							1.0
KFRA	SN	145	352	ES		1120	48.61	0.17							1.0
KFRA	SE	145	352	AML		1120	52.83			270	0.3				
KFRA	SN	145	352	AML		1120	52.87			202	0.3				

**January 11 2009 Hour: 12:53 33.6 Lat: 32.36N Lon: 36.04E Depth: 1 Agency: NEC Local**  
**Magnitudes: 1.5ML NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	35	349	EP		1253	39.90	-0.17							1.0
TCHB	SE	35	349	ES		1253	45.51	0.43							1.0
TCHB	SE	35	349	AML		1253	49.52			301	0.4				
TCHB	SN	35	349	AML		1253	55.47			249	0.9				
SALA	SZ	76	59	EP		1253	46.85	-0.44							1.0
SALA	SE	76	59	ES		1253	57.81	-0.13							1.0
SALA	SN	76	59	AML		1254	4.10			19	0.4				
SALA	SE	76	59	AML		1254	10.15			2	0.5				
BARB	SZ	117	356	EP		1253	53.43	-0.33							1.0
BARB	SE	117	356	ES		1254	9.28	-0.17							1.0
BARB	SE	117	356	AML		1254	17.38			14	0.4				
BARB	SN	117	356	AML		1254	20.22			13	0.4				
ZALF	SZ	137	62	EP		1253	57.82	0.76							1.0
ZALF	SN	137	62	ES		1254	15.39	0.06							1.0

ZALF SN 137 62 AML 1254 19.34 12 0.6  
 ZALF SE 137 62 AML 1254 19.88 14 0.4

**January 12 2009 Hour: 2: 4 40.6 Lat: 34.25N Lon: 33.48E Depth: 36 Agency: NEC Local**  
**Magnitudes: 3.4ML NEC 3.4MC NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	247	112	EP		2 5	15.06	-0.26	216						1.0
BARB	SN	247	112	ES		2 5	42.54	0.11							1.0
BARB	SN	247	112	AML		2 5	46.07			1594	0.7				
BARB	SE	247	112	AML		2 5	46.86			1005	0.3				
QASN	SZ	270	106	EP		2 5	18.92	0.17	169						1.0
QASN	SN	270	106	ES		2 5	48.09	-0.45							1.0
QASN	SE	270	106	AML		2 5	54.19			2140	0.8				
QASN	SN	270	106	AML		2 5	56.87			1755	0.6				
HAWK	SZ	271	83	EP		2 5	18.83	0.38	199						1.0
HAWK	SN	271	83	ES		2 5	47.77	-0.23							1.0
HAWK	SN	271	83	AML		2 5	53.15			797	0.4				
HAWK	SE	271	83	AML		2 5	53.32			420	0.5				
BIDA	BZ	274	70	EP		2 5	18.68	-0.10	216						1.0
BIDA	BN	274	70	ES		2 5	47.85	-0.73							1.0
BIDA	BN	274	70	AML		2 5	53.44			700	0.4				
BIDA	BE	274	70	AML		2 5	56.81			1369	0.3				
TCHB	SZ	290	127	EP		2 5	20.34	-0.51	208						1.0
TCHB	SN	290	127	ES		2 5	52.51	0.24							1.0
TCHB	SE	290	127	AML		2 5	58.59			1617	0.8				
TCHB	SN	290	127	AML		2 6	5.42			1024	0.5				
KFRA	SZ	322	70	EP		2 5	24.98	0.19	234						1.0
KFRA	SN	322	70	ES		2 6	0.04	0.76							1.0
KFRA	SE	322	70	AML		2 6	10.09			1122	0.8				
KFRA	SN	322	70	AML		2 6	10.60			1069	0.5				
SALA	SZ	347	119	EP		2 5	28.07	-0.14	216						1.0
SALA	SN	347	119	ES		2 6	5.15	-0.22							1.0
SALA	SN	347	119	AML		2 6	16.14			716	0.7				
SALA	SE	347	119	AML		2 6	16.74			56	0.6				
ROOS	SZ	351	90	EP		2 5	28.92	0.20	221						1.0
ROOS	SE	351	90	ES		2 6	6.71	0.42							1.0
ROOS	SN	351	90	AML		2 6	17.61			3	0.7				
ROOS	SE	351	90	AML		2 6	19.40			3	0.5				
ZALF	SZ	387	111	EP		2 5	33.56	0.43	239						1.0
ZALF	SE	387	111	ES		2 6	14.39	0.26							1.0
ZALF	SE	387	111	AML		2 6	30.46			189	0.7				
ZALF	SN	387	111	AML		2 6	34.49			218	0.6				
JHLN	SZ	479	69	EP		2 5	43.91	-0.24							1.0
JHLN	SE	479	69	ES		2 6	33.47	-0.26							1.0
JHLN	SZ	479	69	AML		2 6	54.84			118	0.5				

**January 12 2009 Hour: 2: 4 40.4 Lat: 34.31N Lon: 33.70E Depth: 17 Agency: NEC Local**  
**Magnitudes: 3.7ML NEC 3.0MC NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	231	115	EP		2 5	14.51	-0.10	153						1.0
BARB	SN	231	115	ES		2 5	42.08	0.75							1.0
BARB	SN	231	115	AML		2 5	46.05			1628	0.7				
BARB	SE	231	115	AML		2 5	46.86			1007	0.3				
HAWK	SZ	250	84	EP		2 5	18.66	1.49	161						1.0
HAWK	SN	250	84	ES		2 5	46.00	0.12							1.0
HAWK	SN	250	84	AML		2 5	53.13			798	0.5				
HAWK	SE	250	84	AML		2 5	53.36			425	0.4				
BIDA	BN	253	70	AML		2 5	50.85			685	0.4				
BIDA	BE	253	70	AML		2 5	54.30			1338	0.5				
QASN	SN	253	109	ES		2 5	46.15	-1.02							1.0
BIDA	BN	253	70	ES		2 5	45.23	-1.17							1.0
QASN	SZ	253	109	EP		2 5	16.37	-1.52	147						1.0
QASN	SE	253	109	AML		2 5	51.65			2025	0.8				
QASN	SN	253	109	AML		2 5	54.32			1762	0.6				

BIDA	BZ	253	70	EP	2	5	16.67	-0.79	153								1.0
TCHB	SZ	278	130	EP	2	5	20.24	-0.42	168								1.0
TCHB	SN	278	130	ES	2	5	52.51	0.42									1.0
TCHB	SE	278	130	AML	2	5	58.58			1647	0.7						
TCHB	SN	278	130	AML	2	6	5.49			1016	0.6						
KFRA	SZ	301	70	EP	2	5	23.95	0.48	159								1.0
KFRA	SE	301	70	ES	2	5	57.95	0.85									1.0
KFRA	SE	301	70	AML	2	6	9.39			1172	0.6						
KFRA	SN	301	70	AML	2	6	10.61			1071	0.5						
SALA	SZ	333	121	EP	2	5	28.04	0.33	145								1.0
SALA	SE	333	121	ES	2	6	3.96	-0.69									1.0
SALA	SN	333	121	AML	2	6	16.13			711	0.6						
SALA	SE	333	121	AML	2	6	16.70			56	0.8						
ZALF	SZ	371	113	EP	2	5	32.94	0.54	172								1.0
ZALF	SN	371	113	ES	2	6	13.73	0.74									1.0
ZALF	SE	371	113	AML	2	6	30.44			193	0.6						
ZALF	SN	371	113	AML	2	6	34.46			213	0.6						

**January 12 2009 Hour: 11:27 45.5 Lat: 33.77N Lon: 36.91E Depth: 0 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
TOTH	SZ	63	225	EP		1127	56.87	-0.43							1.0
TOTH	SN	63	225	ES		1128	5.93	-0.59							1.0
TOTH	SE	63	225	AML		1128	6.86			36	0.6				
TOTH	SN	63	225	AML		1128	16.07			23	0.5				
BARB	SZ	97	246	EP		1128	2.64	0.16							1.0
BARB	SN	97	246	ES		1128	16.37	0.62							1.0
BARB	SE	97	246	AML		1128	22.02			11	0.8				
BARB	SN	97	246	AML		1128	27.02			6	0.6				
ZALF	SZ	102	157	EP		1128	4.10	0.50							1.0
ZALF	SE	102	157	ES		1128	17.65	-0.08							1.0
ZALF	SE	102	157	AML		1128	21.11			12	0.3				
ZALF	SN	102	157	AML		1128	25.68			5	0.4				
SALA	SZ	118	188	EP		1128	5.51	-0.77							1.0
SALA	SN	118	188	ES		1128	23.09	0.59							1.0
SALA	SN	118	188	AML		1128	25.70			16	0.2				
SALA	SE	118	188	AML		1128	26.35			1	0.2				

**January 12 2009 Hour: 23:40 24.8 Lat: 38.20N Lon: 38.43E Depth: 0 Agency: NEC Local**  
**Magnitudes: 3.5ML NEC 3.2MC NEC Rms: 0.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
WRDH	BZ	349	212	EP		2341	15.04	-0.59	168						1.0
WRDH	BN	349	212	ES		2341	55.04	-0.25							1.0
WRDH	BE	349	212	AML		2342	2.74			503	0.8				
WRDH	BN	349	212	AML		2342	4.38			590	0.4				
KFRA	SZ	362	204	EP		2341	17.98	0.45	173						1.0
KFRA	SN	362	204	ES		2341	59.03	0.36							1.0
KFRA	SE	362	204	AML		2342	15.60			805	0.7				
KFRA	SN	362	204	AML		2342	21.58			1705	0.6				
BIDA	BZ	398	209	EP		2341	22.34	0.42	146						1.0
BIDA	BE	398	209	ES		2342	8.05	1.58							1.0
BIDA	BN	398	209	AML		2342	18.36			906	0.5				
BIDA	BE	398	209	AML		2342	19.69			739	0.3				
HAWK	SZ	447	205	EP		2341	28.38	0.21	182						1.0
HAWK	SN	447	205	ES		2342	16.12	-1.49							1.0
HAWK	SN	447	205	AML		2342	37.45			264	0.7				
HAWK	SE	447	205	AML		2342	44.36			136	0.6				
BARB	SZ	577	204	EP		2341	44.86	0.61							1.0
BARB	SN	577	204	ES		2342	45.68	-0.55							1.0
BARB	SN	577	204	AML		2343	10.80			62	0.5				
BARB	SE	577	204	AML		2343	11.70			73	0.4				
ZALF	SZ	594	190	EP		2341	47.00	0.31							1.0
ZALF	SE	594	190	ES		2342	51.74	1.17							1.0
ZALF	SE	594	190	AML		2343	16.71			61	0.4				

ZALF	SN	594	190	AML		2343	29.66			51	0.5						
SALA	SZ	628	195	EP		2341	49.59-1.45										1.0
SALA	SN	628	195	ES		2342	57.55-0.77										1.0
SALA	SE	628	195	AML		2343	22.92			8	0.6						
SALA	SN	628	195	AML		2343	37.94			87	0.7						

**January 13 2009 Hour: 1:10 30.3 Lat: 41.17N Lon: 37.38E Depth: 35 Agency: NEC Local**  
**Magnitudes: 2.7ML NEC Rms: 2.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZALF	SZ	915	180	EP		112	27.54-1.43								1.0
ZALF	SN	915	180	ES		114	2.11 0.62								1.0
ZALF	SN	915	180	AML		114	25.03			18	0.8				
ZALF	SE	915	180	AML		114	33.78			3	0.9				
SALA	SZ	940	184	EP		112	36.74 4.55								1.0
SALA	SN	940	184	ES		114	5.00-2.22								1.0
SALA	SE	940	184	AML		114	26.27			2	0.6				
SALA	SN	940	184	AML		114	33.87			6	0.6				
TCHB	SZ	952	188	EP		112	30.23-3.12								1.0
TCHB	SN	952	188	ES		114	10.90 1.60								1.0
TCHB	SN	952	188	AML		114	28.43			13	0.7				
TCHB	SE	952	188	AML		114	30.89			9	0.7				

**January 13 2009 Hour: 6:12 48.6 Lat: 36.84N Lon: 27.63E Depth: 94 Agency: NEC Local**  
**Magnitudes: 4.2ML NEC Rms: 1.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	848	114	EP		614	39.44 0.86								1.0
BARB	SE	848	114	ES		616	6.18 1.78								1.0
BARB	SE	848	114	AML		616	12.35			677	0.5				
BARB	SN	848	114	AML		616	17.13			333	0.7				
TOTH	SZ	890	113	IP		614	41.30-3.04								1.0
TOTH	SN	890	113	ES		616	13.27-1.39								1.0
TOTH	SN	890	113	AML		616	18.76			525	0.7				
TOTH	SE	890	113	AML		616	21.59			495	0.7				
SALA	SZ	950	116	EP		614	51.75 0.08								1.0
SALA	SE	950	116	ES		616	26.75-0.95								1.0
SALA	SN	950	116	AML		616	34.36			342	0.5				
SALA	SE	950	116	AML		616	35.91			36	0.4				
ZALF	SZ	987	113	EP		614	58.35 2.10								1.0
ZALF	SE	987	113	ES		616	36.40 0.55								1.0
ZALF	SN	987	113	AML		616	46.55			135	0.6				
ZALF	SE	987	113	AML		617	5.06			179	0.8				

**January 13 2009 Hour: 16:16 28.9 Lat: 33.45N Lon: 35.88E Depth: 56 Agency: NEC Local**  
**Magnitudes: 1.6ML NEC 1.5MC NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	8	123	EP		1616	38.21 0.75		49						1.0
BARB	SE	8	123	ES		1616	44.08-0.08								1.0
BARB	SE	8	123	AML		1616	46.22			128	0.4				
BARB	SN	8	123	AML		1616	46.64			87	0.6				
TOTH	SZ	52	100	EP		1616	39.13-1.66								1.0
TOTH	SE	52	100	ES		1616	50.40 0.31								1.0
TOTH	SN	52	100	AML		1616	57.39			15	0.4				
TOTH	SE	52	100	AML		1617	0.74			15	0.7				
TCHB	SZ	87	175	EP		1616	44.75 0.65								1.0
TCHB	SN	87	175	ES		1616	55.75-0.24								1.0
TCHB	SN	87	175	AML		1616	56.37			55	0.6				
TCHB	SE	87	175	AML		1616	59.11			47	0.3				
SALA	SZ	114	136	EP		1616	46.39-1.18								1.0
SALA	SE	114	136	ES		1617	2.24 0.08								1.0
ZALF	SZ	148	113	EP		1616	52.67 1.06								1.0
ZALF	SE	148	113	ES		1617	9.64 0.29								1.0
ZALF	SE	148	113	AML		1617	15.65			8	0.3				
ZALF	SN	148	113	AML		1617	17.34			5	0.5				

**January 13 2009 Hour: 16:29 43.2 Lat: 33.26N Lon: 36.35E Depth: 0 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
BARB	SZ	41	294	EP		1629	49.95	-0.52							1.0
BARB	SE	41	294	ES		1629	56.73	0.64							1.0
BARB	SN	41	294	AML		1629	57.90			79	0.5				
BARB	SE	41	294	AML		1629	58.04			113	0.3				
TCHB	SZ	75	209	EP		1629	55.71	-0.92							1.0
TCHB	SN	75	209	ES		1630	7.60	0.53							1.0
TCHB	SE	75	209	AML		1630	8.61			52	0.6				
TCHB	SN	75	209	AML		1630	11.80			34	0.3				
ZALF	SZ	99	112	EP		1630	0.73	-0.21							1.0
ZALF	SE	99	112	ES		1630	15.21	0.48							1.0
ZALF	SE	99	112	AML		1630	23.68			8	0.3				
ZALF	SN	99	112	AML		1630	24.92			4	0.3				

**January 13 2009 Hour: 18:35 1.1 Lat: 33.72N Lon: 36.24E Depth: 0 Agency: NEC Local**  
**Magnitudes: 0.9ML NEC Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TOTH	SZ	43	157	EP		1835	8.86	-0.50							1.0
TOTH	SN	43	157	ES		1835	15.82	0.01							1.0
TOTH	SN	43	157	AML		1835	24.50			12	0.4				
TOTH	SE	43	157	AML		1835	29.22			10	0.5				
BARB	SZ	44	219	EP		1835	8.79	0.00							1.0
BARB	SE	44	219	ES		1835	14.80	-0.01							1.0
BARB	SN	44	219	AML		1835	16.84			21	0.3				
BARB	SE	44	219	AML		1835	16.99			27	0.3				
SALA	SZ	121	158	EP		1835	22.71	0.45							1.0
SALA	SE	121	158	ES		1835	38.83	0.05							1.0
SALA	SN	121	158	AML		1835	41.83			5	0.5				
SALA	SE	121	158	AML		1835	41.94			0.40	0.4				

**January 14 2009 Hour: 11: 5 30.3 Lat: 34.34N Lon: 36.62E Depth: 0 Agency: NEC Local**  
**Magnitudes: 2.2ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	29	316	EP		11 5	35.13	-0.46							1.0
HAWK	SN	29	316	ES		11 5	39.69	-0.01							1.0
HAWK	SN	29	316	AML		11 5	40.95			336	0.5				
HAWK	SE	29	316	AML		11 5	41.08			355	0.4				
QASN	SZ	95	200	EP		11 5	47.75	0.32							1.0
QASN	SN	95	200	ES		11 5	59.25	-1.53							1.0
QASN	SN	95	200	AML		11 6	2.57			393	0.4				
QASN	SE	95	200	AML		11 6	3.78			802	0.4				
BARB	SZ	120	211	EP		11 5	51.89	0.82							1.0
BARB	SN	120	211	ES		11 6	8.13	0.86							1.0
BARB	SE	120	211	AML		11 6	19.04			14	0.4				
BARB	SN	120	211	AML		11 6	19.86			11	0.2				

**January 14 2009 Hour: 15:35 12.8 Lat: 36.82N Lon: 40.49E Depth: 11 Agency: NEC Local**  
**Magnitudes: 1.7ML NEC Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SFNV	SZ	57	218	IP		1535	22.98	-0.07							1.0
SFNV	SN	57	218	IS		1535	31.06	0.04							1.0
SFNV	SZ	57	218	AML		1535	32.03			65	0.3				
MZRK	SZ	111	172	IP		1535	31.26	0.01							1.0
MZRK	SE	111	172	IS		1535	45.63	0.00							1.0
MZRK	SZ	111	172	AML		1535	48.75			18	0.2				
MNKR	SZ	147	229	EP		1535	36.61	0.06							1.0
MNKR	SN	147	229	ES		1535	55.02	-0.03							1.0

**January 14 2009 Hour: 18:58 8.0 Lat: 36.04N Lon: 36.76E Depth: 45 Agency: NEC Local**  
**Magnitudes: 1.7ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	27	269	EP		1858	17.99	1.58							1.0
BTCH	SN	27	269	ES		1858	22.18	-0.76							1.0
BTCH	SN	27	269	AML		1858	23.33			160	0.3				
BTCH	SE	27	269	AML		1858	23.60			224	0.1				
DRWC	SZ	65	353	EP		1858	19.37	-0.87							1.0
DRWC	SN	65	353	ES		1858	29.98	0.22							1.0
DRWC	SE	65	353	AML		1858	31.83			9	0.2				
DRWC	SN	65	353	AML		1858	31.91			28	0.2				
HAWK	SZ	172	191	EP		1858	33.71	0.20							1.0
HAWK	SE	172	191	ES		1858	53.00	-0.37							1.0
HAWK	SE	172	191	AML		1858	54.36			9	0.4				
HAWK	SN	172	191	AML		1858	54.38			13	0.5				

**January 14 2009 Hour: 18:58 9.3 Lat: 36.29N Lon: 36.14E Depth: 0 Agency: NEC Local**  
**Magnitudes: 1.7ML NEC Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	40	134	EP		1858	17.95	1.34							1.0
BTCH	SE	40	134	ES		1858	21.65	-0.63							1.0
BTCH	SN	40	134	ES		1858	22.18								
BTCH	SN	40	134	AML		1858	23.35			160	0.3				
BTCH	SE	40	134	AML		1858	23.61			226	0.1				
ARNB	SZ	50	198	EP		1858	18.18	0.07							1.0
ARNB	SN	50	198	ES		1858	24.71	-0.25							1.0
ARNB	SE	50	198	AML		1858	25.07			84	0.3				
ARNB	SN	50	198	AML		1858	25.07			94	0.2				
DRWC	SZ	60	52	EP		1858	19.37	-0.78							1.0
DRWC	SN	60	52	ES		1858	28.83	0.25							1.0
DRWC	SN	60	52	AML		1858	31.91			28	0.2				
DRWC	SE	60	52	AML		1858	34.45			11	0.2				

**January 14 2009 Hour: 18:58 9.9 Lat: 36.28N Lon: 36.14E Depth: 5 Agency: NEC Local**  
**Magnitudes: 1.7ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	40	133	IP		1858	18.01	0.97							1.0
BTCH	SN	40	133	ES		1858	22.21	-0.43							1.0
BTCH	SN	40	133	AML		1858	23.34			160	0.3				
BTCH	SE	40	133	AML		1858	23.61			222	0.1				
ARNB	SZ	49	198	EP		1858	19.35	0.90							1.0
ARNB	SE	49	198	ES		1858	24.44	-0.71							1.0
ARNB	SE	49	198	AML		1858	25.07			84	0.3				
ARNB	SN	49	198	AML		1858	25.07			94	0.2				
DRWC	SZ	61	51	EP		1858	19.38	-1.24							1.0
DRWC	SE	61	51	ES		1858	29.53	0.51							1.0
DRWC	SN	61	51	AML		1858	31.90			28	0.2				
DRWC	SE	61	51	AML		1858	34.46			11	0.2				

**January 15 2009 Hour: 6:55 7.6 Lat: 37.34N Lon: 38.61E Depth: 10 Agency: NEC Local**  
**Magnitudes: 2.3ML NEC 2.2MC NEC Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SFNV	SZ	168	127	EP		655	35.08	0.26	78						1.0
SFNV	SE	168	127	ES		655	56.38	0.33							1.0
SFNV	SZ	168	127	AML		655	59.76			86	0.3				
KBSD	SZ	176	102	EP		655	35.39	-0.11	87						1.0
KBSD	SN	176	102	ES		655	57.60	0.33							1.0
KBSD	SZ	176	102	AML		656	0.88			36	0.2				
BTCH	SZ	240	234	EP		655	43.80	-0.04							1.0
BTCH	SN	240	234	ES		656	12.31	0.21							1.0
BTCH	SE	240	234	AML		656	26.05			29	0.8				
BTCH	SN	240	234	AML		656	26.52			65	0.8				
MZRK	SZ	248	132	EP		655	44.09	-0.51							1.0

MZRK SN 248 132 ES 656 13.00-0.46 1.0  
MZRK SZ 248 132 AML 656 25.00 27 0.8

**January 15 2009 Hour: 8:56 9.8 Lat: 35.93N Lon: 35.78E Depth: 11 Agency: NEC Local**  
**Magnitudes: 1.7ML NEC 1.3MC NEC Rms: 2.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ARNB	SZ	19	114	EP		856	10.77	-2.84	46						1.0
ARNB	SE	19	114	ES		856	16.21	-0.41							1.0
ARNB	SN	19	114	AML		856	18.44			43	0.4				
ARNB	SE	19	114	AML		856	22.50			71	0.3				
BTCH	SZ	62	79	EP		856	25.73	5.05							1.0
BTCH	SN	62	79	ES		856	29.36	0.16							1.0
BTCH	SN	62	79	AML		856	31.48			461	0.4				
BTCH	SE	62	79	AML		856	33.24			208	0.5				
DRWC	SZ	110	46	EP		856	28.41	0.15							1.0
DRWC	SN	110	46	ES		856	40.58	-2.11							1.0
DRWC	SN	110	46	AML		856	41.31			12	0.4				
DRWC	SE	110	46	AML		856	42.72			12	0.3				

**January 15 2009 Hour: 11:49 7.0 Lat: 35.85N Lon: 36.33E Depth: 5 Agency: NEC Local**  
**Magnitudes: 1.8ML NEC Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	24	29	EP		1149	11.61	0.07							1.0
BTCH	SE	24	29	ES		1149	15.04	-0.04							1.0
BTCH	SN	24	29	AML		1149	18.19			378	0.6				
BTCH	SE	24	29	AML		1149	24.60			143	0.4				
ARNB	SZ	32	272	EP		1149	12.59	-0.19							1.0
ARNB	SN	32	272	ES		1149	17.40	0.11							1.0
ARNB	SN	32	272	AML		1149	19.67			61	0.3				
ARNB	SE	32	272	AML		1149	20.73			62	0.3				
WRDH	BZ	39	169	EP		1149	13.93	0.12							1.0
WRDH	BE	39	169	ES		1149	19.04	-0.07							1.0
WRDH	BE	39	169	AML		1149	24.22			76	0.3				
WRDH	BN	39	169	AML		1149	26.15			117	0.7				

**January 15 2009 Hour: 15:16 2.1 Lat: 36.41N Lon: 38.46E Depth: 81 Agency: NEC Local**  
**Magnitudes: 2.2ML NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SALM	SZ	53	245	EP		1516	15.14	-0.70							1.0
SALM	SN	53	245	ES		1516	27.10	0.51							1.0
SALM	SZ	53	245	AML		1516	43.74			111	0.6				
MNKR	SZ	90	126	EP		1516	19.07	0.04							1.0
MNKR	SN	90	126	ES		1516	31.99	-0.29							1.0
MNKR	SZ	90	126	AML		1516	38.86			174	0.2				
SFNV	SZ	147	89	EP		1516	25.89	0.27							1.0
SFNV	SN	147	89	ES		1516	43.79	-0.21							1.0
SFNV	SZ	147	89	AML		1516	49.81			37	0.3				
MZRK	SZ	208	108	EP		1516	32.54	0.12							1.0
MZRK	SN	208	108	ES		1516	56.35	0.25							1.0
MZRK	SZ	208	108	AML		1516	58.79			25	0.4				

**January 16 2009 Hour: 18:15 6.7 Lat: 36.40N Lon: 40.86E Depth: 0 Agency: NEC Local**  
**Magnitudes: 2.8ML NEC 2.2MC NEC Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	67	197	EP		18 2	8.27	-0.20	101						1.0
MZRK	SN	67	197	ES		18 2	17.74	0.06							1.0
MZRK	SZ	67	197	AML		18 2	29.36			321	0.4				
SFNV	SZ	68	272	IP		18 2	8.85	-0.24	88						1.0
SFNV	SN	68	272	IS		18 2	18.69	-0.09							1.0
SFNV	SZ	68	272	AML		18 2	29.04			332	0.3				
KBSD	SZ	72	337	EP		18 2	9.38	0.05	87						1.0
KBSD	SN	72	337	ES		18 2	19.21	0.01							1.0
KBSD	SZ	72	337	AML		18 2	19.61			661	0.4				
MNKR	SZ	152	251	EP		18 2	22.35	0.16	89						1.0



MNKR	SN	152	251	ES		18	2	42.13	0.04								1.0
MNKR	SZ	152	251	AML		18	2	50.43			989	0.2					
JHLN	SZ	234	250	EP		18	2	33.18	0.09								1.0
JHLN	SN	234	250	ES		18	3	1.61	0.12								1.0
JHLN	SZ	234	250	AML		18	3	13.07			52	0.3					

**January 17 2009 Hour: 7:45 27.5 Lat: 37.18N Lon: 36.35E Depth: 21 Agency: NEC Local**  
**Magnitudes: 4.3ML NEC Rms: 0.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ARNB	SZ	150	193	EP		745	50.71	-0.51							1.0
ARNB	SE	150	193	ES		746	10.52	0.76							1.0
ARNB	SE	150	193	AML		746	12.63		39828	0.6					
ARNB	SN	150	193	AML		746	12.80		27412	0.4					
SALM	SZ	177	127	EP		745	55.17	0.51							1.0
SALM	SN	177	127	ES		746	16.04	0.16							1.0
SALM	SZ	177	127	AML		746	32.53		20319	0.4					
MNKR	SZ	295	117	EP		746	9.52	0.13							1.0
MNKR	SZ	295	117	AML		746	59.18		17706	0.6					
HAWK	SZ	295	179	EP		746	9.45	-0.10							1.0
HAWK	SN	295	179	ES		746	42.41	0.02							1.0
HAWK	SE	295	179	AML		746	55.56		2583	0.3					
HAWK	SN	295	179	AML		746	58.55		6137	0.5					
MNKR	SN	295	117	ES		746	41.07	-1.03							1.0
ROOS	SZ	344	165	EP		746	16.24	0.27							1.0
ROOS	SN	344	165	ES		746	54.10	0.29							1.0
ROOS	SE	344	165	AML		747	10.92		63	0.4					
ROOS	SN	344	165	AML		747	16.71		49	0.5					
SFNV	SZ	345	103	EP		746	14.61	-1.35							1.0
SFNV	SN	345	103	ES		746	55.52	1.72							1.0
SFNV	SZ	345	103	AML		747	26.65		2390	0.6					
KBSD	SZ	373	92	EP		746	18.24	-0.78							1.0
KBSD	SN	373	92	ES		746	59.53	0.28							1.0
KBSD	SZ	373	92	AML		747	24.44		4249	0.9					
QASN	SZ	404	181	EP		746	25.52	1.95							1.0
QASN	SN	404	181	ES		747	8.12	0.77							1.0
QASN	SE	404	181	AML		747	26.56		5293	0.5					
QASN	SN	404	181	AML		747	30.99		3181	0.5					
BARB	SZ	420	185	EP		746	25.43	0.44							1.0
BARB	SE	420	185	ES		747	8.34	-1.52							1.0
BARB	SE	420	185	AML		747	30.16		1778	0.5					
BARB	SN	420	185	AML		747	34.79		1372	0.7					
ZALF	SZ	480	169	EP		746	32.11	-0.79							1.0
ZALF	SE	480	169	ES		747	22.54	-1.40							1.0
ZALF	SN	480	169	AML		747	52.30		1105	0.6					
ZALF	SE	480	169	AML		747	55.27		1538	0.7					
SALA	SZ	497	176	EP		746	34.85	-0.14							1.0
SALA	SN	497	176	ES		747	27.98	0.31							1.0
SALA	SN	497	176	AML		747	56.87		1900	0.8					
SALA	SE	497	176	AML		748	2.71		137	0.6					

**January 17 2009 Hour: 12:42 19.6 Lat: 37.05N Lon: 36.38E Depth: 19 Agency: NEC Local**  
**Magnitudes: 2.6ML NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	113	176	EP		1242	38.26	0.25							1.0
BTCH	SN	113	176	ES		1242	52.65	0.27							1.0
BTCH	SN	113	176	AML		1242	57.16		359	0.5					
BTCH	SE	113	176	AML		1242	57.42		183	0.3					
ARNB	SZ	137	196	EP		1242	41.51	0.08							1.0
ARNB	SN	137	196	ES		1242	57.91	-0.55							1.0
ARNB	SE	137	196	AML		1243	2.46		13	0.2					
ARNB	SN	137	196	AML		1243	3.36		189	0.8					
SALM	SZ	167	123	EP		1242	45.51	-0.13							1.0
SALM	SN	167	123	ES		1243	6.47	0.51							1.0
SALM	SZ	167	123	AML		1243	12.47		179	0.7					

KFRA	SZ	207	169	EP	1242	50.95	0.13										1.0
KFRA	SN	207	169	ES	1243	15.47	0.29										1.0
KFRA	SN	207	169	AML	1243	24.32				121	0.7						
KFRA	SE	207	169	AML	1243	27.94				283	0.6						
JHLN	SZ	240	129	EP	1242	54.54	-0.11										1.0
JHLN	SN	240	129	ES	1243	21.26	-0.74										1.0
JHLN	SZ	240	129	AML	1243	29.11					57	0.6					

**January 17 2009 Hour: 22:28 15.6 Lat: 37.16N Lon: 36.31E Depth: 21 Agency: NEC Local**  
**Magnitudes: 2.4ML NEC 2.3MC NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	126	174	EP		2228	36.15	0.18	92						1.0
BTCH	SE	126	174	ES		2228	51.93	0.09							1.0
BTCH	SE	126	174	AML		2228	57.41			190	0.5				
BTCH	SN	126	174	AML		2228	57.54			330	0.2				
ARNB	SZ	148	192	EP		2228	39.14	0.09							1.0
ARNB	SN	148	192	ES		2228	58.15	0.82							1.0
ARNB	SE	148	192	AML		2228	59.66			190	0.6				
ARNB	SN	148	192	AML		2229	1.45			161	0.3				
JHLN	SZ	253	131	EP		2228	51.44	-0.66	98						1.0
JHLN	SN	253	131	ES		2229	19.45	-1.09							1.0
JHLN	SZ	253	131	AML		2229	29.16			53	0.2				
HAWK	SZ	293	178	EP		2228	57.52	0.04							1.0
HAWK	SN	293	178	ES		2229	29.67	-0.46							1.0
HAWK	SN	293	178	AML		2229	39.80			17	0.3				
HAWK	SE	293	178	AML		2229	42.80			9	0.2				
SFNV	SZ	348	103	EP		2229	3.78	-0.69							1.0
SFNV	SN	348	103	ES		2229	44.24	1.68							1.0
SFNV	SZ	348	103	AML		2229	59.26			24	0.6				

**January 17 2009 Hour: 22:28 15.9 Lat: 37.04N Lon: 36.46E Depth: 0 Agency: NEC Local**  
**Magnitudes: 2.5ML NEC 2.1MC NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	111	180	EP		2228	36.17	0.74	89						1.0
BTCH	SN	111	180	ES		2228	51.52	0.87							1.0
BTCH	SE	111	180	AML		2228	56.33			186	0.3				
BTCH	SN	111	180	AML		2228	57.53			333	0.3				
ARNB	SZ	138	199	EP		2228	39.64	0.30							1.0
ARNB	SN	138	199	ES		2228	58.16	0.56							1.0
ARNB	SE	138	199	AML		2229	0.18			188	0.5				
ARNB	SN	138	199	AML		2229	1.46			159	0.3				
SALM	SZ	160	125	EP		2228	43.00	0.35							1.0
SALM	SN	160	125	ES		2229	2.99	-0.50							1.0
SALM	SZ	160	125	AML		2229	7.65			146	0.3				
WRDH	BZ	170	182	EP		2228	43.18	-0.85	73						1.0
WRDH	BN	170	182	ES		2229	4.86	-1.10							1.0
WRDH	BN	170	182	AML		2229	11.22			126	0.4				
WRDH	BE	170	182	AML		2229	14.60			43	0.4				
MNKR	SZ	279	115	EP		2228	57.77	-0.40							1.0
MNKR	SN	279	115	ES		2229	31.29	0.17							1.0
MNKR	SZ	279	115	AML		2229	52.28			232	0.3				
HAWK	SZ	280	181	EP		2228	57.49	-0.90							1.0
HAWK	SE	280	181	ES		2229	31.84	0.32							1.0
HAWK	SN	280	181	AML		2229	39.61			17	0.4				
HAWK	SE	280	181	AML		2229	42.78			9	0.2				
SFNV	SZ	332	101	EP		2229	3.69	-1.38							1.0
SFNV	SN	332	101	ES		2229	43.21	-0.20							1.0
SFNV	SZ	332	101	AML		2229	59.26			24	0.7				
KBSD	SZ	363	89	EP		2229	9.61	1.13							1.0
KBSD	SE	363	89	ES		2229	50.37	0.90							1.0
KBSD	SZ	363	89	AML		2230	9.72			42	0.4				

**January 17 2009 Hour: 23:22 0.2 Lat: 33.63N Lon: 36.32E Depth: 7 Agency: NEC Local**  
**Magnitudes: 1.6ML NEC 1.2MC NEC Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	12	201	EP		2322	2.96	-0.39	14						1.0
QASN	SN	12	201	ES		2322	5.53	-0.28							1.0
QASN	SE	12	201	AML		2322	6.41			1619	0.2				
QASN	SN	12	201	AML		2322	6.58			1396	0.2				
TOTH	SZ	32	162	EP		2322	6.72	0.12	46						1.0
TOTH	SN	32	162	ES		2322	11.67	0.08							1.0
TOTH	SE	32	162	AML		2322	12.30			240	0.1				
TOTH	SN	32	162	AML		2322	12.32			60	0.2				
BARB	SZ	43	234	EP		2322	7.75	0.01	50						1.0
BARB	SN	43	234	ES		2322	14.01	0.38							1.0
BARB	SE	43	234	AML		2322	17.75			63	0.3				
BARB	SN	43	234	AML		2322	18.26			63	0.3				
HAWK	SZ	99	5	EP		2322	17.80	0.61	55						1.0
HAWK	SN	99	5	ES		2322	29.87	-0.58							1.0
HAWK	SN	99	5	AML		2322	33.08			20	0.5				
HAWK	SE	99	5	AML		2322	34.32			15	0.4				
SALA	SZ	109	159	EP		2322	19.21	0.17							1.0
SALA	SN	109	159	ES		2322	33.76	0.02							1.0
SALA	SN	109	159	AML		2322	37.55			17	0.4				
SALA	SE	109	159	AML		2322	42.01			1	0.4				
TCHB	SZ	112	197	EP		2322	19.25	0.00							1.0
TCHB	SE	112	197	ES		2322	33.75	-0.37							1.0
TCHB	SE	112	197	AML		2322	35.67			16	0.2				
TCHB	SN	112	197	AML		2322	37.15			30	0.5				
ZALF	SZ	123	130	EP		2322	21.56	0.50	54						1.0
ZALF	SN	123	130	ES		2322	37.06	-0.27							1.0
ZALF	SE	123	130	AML		2322	40.44			19	0.4				
ZALF	SN	123	130	AML		2322	41.61			9	0.3				

**January 19 2009 Hour: 1:39 31.9 Lat: 35.47N Lon: 40.21E Depth: 30 Agency: NEC Local**  
**Magnitudes: 2.1ML NEC 2.2MC NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SFNV	SZ	106	355	EP		139	49.49	-0.19	97						1.0
SFNV	SE	106	355	ES		140	3.57	0.06							1.0
SFNV	SZ	106	355	AML		140	28.53			64	0.5				
KSRV	SZ	112	257	EP		139	50.58	0.25	90						1.0
KSRV	SE	112	257	ES		140	4.66	-0.01							1.0
KSRV	SZ	112	257	AML		140	7.25			115	0.2				
JHLN	SZ	163	278	EP		139	56.94	0.42							1.0
JHLN	SN	163	278	ES		140	15.52	-0.17							1.0
JHLN	SZ	163	278	AML		140	20.84			24	0.4				
KBSD	SZ	173	10	EP		139	56.81	-0.94							1.0
KBSD	SN	173	10	ES		140	18.56	0.68							1.0
KBSD	SZ	173	10	AML		140	21.63			42	0.4				
DRWC	SZ	344	293	EP		140	19.73	0.23							1.0
DRWC	SE	344	293	ES		140	56.28	-0.32							1.0
DRWC	SN	344	293	AML		141	12.49			20	0.5				
DRWC	SE	344	293	AML		141	14.87			16	0.5				

**January 19 2009 Hour: 9:40 40.4 Lat: 35.26N Lon: 40.49E Depth: 0 Agency: NEC Local**  
**Magnitudes: 2.7ML NEC 2.0MC NEC Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MNKR	SN	134	305	ES		941	20.65	-0.48							1.0
SFNV	SN	134	345	ES		941	21.88	0.39							1.0
MNKR	SZ	134	305	EP		941	3.20	-0.08	76						1.0
MNKR	SZ	134	305	AML		941	24.68			348	0.3				
SFNV	SZ	134	345	EP		941	3.34	-0.14	83						1.0
SFNV	SZ	134	345	AML		941	25.89			105	0.5				
KSRV	SZ	135	270	EP		941	3.31	-0.09	66						1.0
KSRV	SN	135	270	ES		941	21.75	0.40							1.0

**January 19 2009 Hour: 10:10 54.6 Lat: 35.27N Lon: 37.00E Depth: 1 Agency: NEC Local**  
**Magnitudes: 1.9ML NEC Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
WRDH	BE	60	296	AML		1011	5.29			206	0.5				
BIDA	BZ	68	249	EP		1011	6.77	0.27							1.0
BIDA	BN	68	249	ES		1011	15.67	-0.15							1.0
BIDA	BN	68	249	AML		1011	29.89			33	0.3				
HAWK	SZ	100	214	EP		1011	11.54	-0.50							1.0
HAWK	SE	100	214	ES		1011	25.97	0.28							1.0
HAWK	SE	100	214	AML		1011	31.16			32	0.2				
HAWK	SN	100	214	AML		1011	34.71			42	0.4				
KSRV	SZ	182	90	EP		1011	24.62	0.24							1.0
KSRV	SN	182	90	ES		1011	47.52	-0.13							1.0
KSRV	SZ	182	90	AML		1011	55.86			22	0.6				

**January 19 2009 Hour: 11:18 6.6 Lat: 33.82N Lon: 36.80E Depth: 19 Agency: NEC Local**  
**Magnitudes: 1.2ML NEC Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	91	241	EP		1118	21.09	-0.63							1.0
BARB	SE	91	241	ES		1118	33.35	-0.14							1.0
BARB	SN	91	241	AML		1118	45.87			8	0.5				
BARB	SE	91	241	AML		1118	47.48			14	0.6				
ZALF	SZ	111	153	EP		1118	25.54	0.58							1.0
ZALF	SN	111	153	ES		1118	38.09	-1.16							1.0
ZALF	SE	111	153	AML		1118	49.64			12	0.9				
ZALF	SN	111	153	AML		1118	50.00			9	0.8				
SALA	SZ	123	183	EP		1118	27.60	0.83							1.0
SALA	SN	123	183	ES		1118	43.01	0.53							1.0
SALA	SN	123	183	AML		1118	51.60			17	0.5				
SALA	SE	123	183	AML		1119	2.40			1	0.8				

**January 19 2009 Hour: 12:53 30.1 Lat: 34.45N Lon: 36.72E Depth: 22 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
BARB	SZ	136	212	EP		1253	50.91	-0.94							1.0
BARB	SN	136	212	ES		1254	9.06	0.27							1.0
BARB	SN	136	212	AML		1254	15.96			14	0.5				
BARB	SE	136	212	AML		1254	19.61			22	0.5				
BTCH	SZ	178	352	EP		1253	58.44	0.97							1.0
BTCH	SE	178	352	ES		1254	18.13	-0.67							1.0
BTCH	SE	178	352	AML		1254	23.37			70	0.5				
BTCH	SN	178	352	AML		1254	30.95			44	0.5				
ZALF	SZ	179	161	EP		1253	57.97	0.21							1.0
ZALF	SN	179	161	ES		1254	18.63	-0.69							1.0
ZALF	SE	179	161	AML		1254	21.20			18	0.5				
ZALF	SN	179	161	AML		1254	22.18			14	1.0				
SALA	SZ	193	180	EP		1254	0.02	0.41							1.0
SALA	SN	193	180	ES		1254	23.07	0.46							1.0
SALA	SN	193	180	AML		1254	25.32			48	0.6				
SALA	SE	193	180	AML		1254	27.43			2	0.4				

**January 19 2009 Hour: 15:46 58.3 Lat: 36.38N Lon: 40.78E Depth: 51 Agency: NEC Local**  
**Magnitudes: 2.4ML NEC 2.2MC NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SFNV	SZ	61	274	EP		1547	11.06	0.54	82						1.0
SFNV	SE	61	274	ES		1547	20.48	0.38							1.0
SFNV	SZ	61	274	AML		1547	31.28			143	0.4				
MZRK	SZ	63	191	EP		1547	10.33	0.01	102						1.0
MZRK	SE	63	191	ES		1547	19.59	-0.14							1.0
MZRK	SZ	63	191	AML		1547	31.56			135	0.3				
KBSD	SZ	72	343	EP		1547	11.68	0.44	84						1.0
KBSD	SE	72	343	ES		1547	20.56	-0.80							1.0
KBSD	SZ	72	343	AML		1547	29.91			210	0.6				

KSRV SZ	205	232	EP		1547	27.91	0.25	87									1.0
KSRV SE	205	232	ES		1547	49.92	-0.68										1.0
KSRV SZ	205	232	AML		1547	56.47				63	0.6						

**January 19 2009 Hour: 23: 2 13.5 Lat: 36.69N Lon: 26.52E Depth: 0 Agency: NEC Local**  
**Magnitudes: 3.4ML NEC Rms: 1.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK SZ	927	102	EP			23	4	19.74	2.90						1.0
HAWK SN	927	102	ES			23	5	51.58	-1.50						1.0
HAWK SE	927	102	AML			23	6	10.87		30	0.6				
HAWK SN	927	102	AML			23	6	22.27		47	0.7				
BARB SZ	933	110	EP			23	4	16.57	-0.92						1.0
BARB SN	933	110	ES			23	5	54.16	-0.08						1.0
BARB SN	933	110	AML			23	6	17.36		45	0.6				
BARB SE	933	110	AML			23	6	28.29		101	0.8				
SALA SZ	1034	112	EP			23	4	28.40	-1.97						1.0
SALA SN	1034	112	ES			23	6	18.75	1.58						1.0
SALA SN	1034	112	AML			23	6	30.61		58	0.7				
SALA SE	1034	112	AML			23	6	30.79		4	0.7				

**January 19 2009 Hour: 23: 2 22.8 Lat: 35.05N Lon: 26.85E Depth: 5 Agency: NEC Local**  
**Magnitudes: 3.6ML NEC Rms: 4.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB SZ	857	100	EP			23	4	16.65	-0.05						1.0
BARB SE	857	100	ES			23	5	40.99	-4.53						1.0
BARB SN	857	100	AML			23	6	17.26		47	0.8				
BARB SE	857	100	AML			23	6	28.33		102	0.7				
HAWK SZ	876	91	EP			23	4	19.66	0.46						1.0
HAWK SN	876	91	ES			23	5	49.06	-0.91						1.0
HAWK SE	876	91	AML			23	6	10.91		30	0.6				
HAWK SN	876	91	AML			23	6	22.34		47	0.6				
TCHB SZ	883	105	EP			23	4	19.54	-0.51						1.0
TCHB SN	883	105	ES			23	5	42.72	-8.77						1.0
TCHB SN	883	105	AML			23	6	16.36		235	0.7				
TCHB SE	883	105	AML			23	6	16.63		100	0.7				
SALA SZ	949	103	EP			23	4	28.71	0.13						1.0
SALA SE	949	103	ES			23	6	17.75	11.07						1.0
ZALF SZ	996	101	EP			23	4	34.39	0.02						1.0
ZALF SE	996	101	ES			23	6	20.07	3.08						1.0

**January 20 2009 Hour: 10: 2 21.1 Lat: 37.00N Lon: 36.40E Depth: 7 Agency: NEC Local**  
**Magnitudes: 2.6ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH SZ	107	177	EP			10	2	39.13	-0.26						1.0
BTCH SN	107	177	ES			10	2	54.26	0.60						1.0
BTCH SN	107	177	AML			10	2	58.62		155	0.2				
BTCH SE	107	177	AML			10	2	59.44		347	0.3				
ARNB SZ	132	197	EP			10	2	42.30	-0.63						1.0
ARNB SN	132	197	ES			10	2	59.75	-0.21						1.0
ARNB SE	132	197	AML			10	3	3.13		99	0.3				
ARNB SN	132	197	AML			10	3	5.81		102	0.3				
SALM SZ	162	122	EP			10	2	48.04	0.54						1.0
SALM SN	162	122	ES			10	3	7.52	-0.57						1.0
SALM SZ	162	122	AML			10	3	10.92		54	0.4				
KFRA SZ	201	170	EP			10	2	53.45	0.59						1.0
KFRA SE	201	170	ES			10	3	17.56	-0.06						1.0
KFRA SN	201	170	AML			10	3	28.74		210	0.6				
KFRA SE	201	170	AML			10	3	29.07		224	0.3				

**January 21 2009 Hour: 3:52 36.7 Lat: 36.37N Lon: 40.85E Depth: 19 Agency: NEC Local**  
**Magnitudes: 2.8ML NEC 2.2MC NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	63	196	EP		352	47.03	-0.56							1.0
MZRK	SE	63	196	ES		352	55.88	-0.18							1.0
MZRK	SZ	63	196	AML		353	12.32			651	0.6				
SFNV	SZ	67	275	EP		352	48.07	-0.51	96						1.0
SFNV	SE	67	275	ES		352	58.07	0.24							1.0
SFNV	SZ	67	275	AML		353	13.96			624	0.8				
KBSD	SZ	75	339	EP		352	49.01	-0.27	93						1.0
KBSD	SE	75	339	ES		352	59.32	0.25							1.0
KBSD	SZ	75	339	AML		353	13.13			450	0.6				
MNKR	SZ	150	252	EP		353	2.01	1.50	95						1.0
MNKR	SE	150	252	ES		353	19.04	-0.03							1.0
MNKR	SZ	150	252	AML		353	27.39			1057	0.2				
JHLN	SZ	231	251	EP		353	12.25	1.55							1.0
JHLN	SE	231	251	ES		353	37.25	0.06							1.0
JHLN	SZ	231	251	AML		354	0.28			70	0.7				
DRWC	SZ	376	275	EP		353	27.73	-1.30							1.0
DRWC	SN	376	275	ES		354	9.07	-0.75							1.0
DRWC	SN	376	275	AML		354	26.18			52	0.6				
DRWC	SE	376	275	AML		354	26.47			45	0.5				

**January 21 2009 Hour: 6:41 1.5 Lat: 32.72N Lon: 34.29E Depth: 37 Agency: NEC Local**  
**Magnitudes: 3.3ML NEC 2.6MC NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	173	63	EP		641	26.82	-0.07	113						1.0
BARB	SN	173	63	ES		641	46.55	-0.14							1.0
BARB	SN	173	63	AML		641	47.49			1087	0.3				
BARB	SE	173	63	AML		641	49.75			1092	0.4				
QASN	SZ	206	64	EP		641	31.59	0.07	92						1.0
QASN	SZ	206	64	ES		641	54.79	-0.14							1.0
QASN	SN	206	64	AML		641	56.56			1048	0.2				
QASN	SE	206	64	AML		641	56.82			1754	0.3				
HAWK	SZ	280	44	IP		641	40.81	0.37	129						1.0
HAWK	SN	280	44	ES		642	11.22	0.43							1.0
HAWK	SN	280	44	AML		642	25.23			144	0.8				
HAWK	SE	280	44	AML		642	26.42			117	0.6				
ZALF	SZ	286	85	EP		641	40.58	-0.80	133						1.0
ZALF	SE	286	85	ES		642	12.96	0.49							1.0
ZALF	SN	286	85	AML		642	21.89			260	0.4				
ZALF	SE	286	85	AML		642	22.40			253	0.6				
BIDA	BZ	318	36	EP		641	45.58	0.45							1.0
BIDA	BN	318	36	ES		642	18.48	-0.67							1.0
BIDA	BE	318	36	AML		642	23.46			186	0.3				
BIDA	BN	318	36	AML		642	25.38			130	0.2				

**January 21 2009 Hour: 8:32 12.0 Lat: 35.19N Lon: 35.46E Depth: 14 Agency: NEC Local**  
**Magnitudes: 2.7ML NEC 2.4MC NEC Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BIDA	BZ	79	101	EP		832	26.30	0.75	102						1.0
BIDA	BE	79	101	ES		832	36.14	-0.01							1.0
BIDA	BE	79	101	AML		832	39.33			955	0.5				
BIDA	BN	79	101	AML		832	40.60			729	0.5				
ARNB	SZ	88	32	EP		832	26.54	-0.19	137						1.0
ARNB	SE	88	32	ES		832	37.89	-0.37							1.0
ARNB	SE	88	32	AML		832	40.91			248	0.9				
ARNB	SN	88	32	AML		832	41.83			353	0.3				
WRDH	BZ	93	67	EP		832	28.39	0.91	85						1.0
WRDH	BN	93	67	ES		832	39.87	0.27							1.0
WRDH	BN	93	67	AML		832	43.31			494	0.2				
WRDH	BE	93	67	AML		832	44.35			280	0.2				
HAWK	SZ	114	130	EP		832	30.19	-0.57	103						1.0

HAWK SN	114	130	ES	832	44.55-0.87												1.0
HAWK SN	114	130	AML	832	48.24					192	0.4						
HAWK SE	114	130	AML	832	48.86					217	0.3						
KFRA SZ	122	88	EP	832	32.61 0.71	119											1.0
KFRA SE	122	88	ES	832	47.05-0.41												1.0
KFRA SN	122	88	AML	832	51.07					1111	0.7						
KFRA SE	122	88	AML	832	52.07					1375	0.3						
BTCH SZ	131	43	EP	832	32.95-0.30	134											1.0
BTCH SN	131	43	ES	832	49.73-0.14												1.0
BTCH SN	131	43	AML	832	53.14					360	0.4						
BTCH SE	131	43	AML	832	56.35					672	0.4						
QASN SZ	198	158	EP	832	42.85-0.03												1.0
QASN SN	198	158	ES	833	7.99 0.99												1.0
QASN SE	198	158	AML	833	13.07					164	0.3						
QASN SN	198	158	AML	833	14.07					71	0.4						
BARB SZ	202	167	EP	832	41.84-1.06												1.0
BARB SE	202	167	ES	833	6.80-0.24												1.0
BARB SN	202	167	AML	833	14.42					48	0.4						
BARB SE	202	167	AML	833	17.25					64	0.3						
TOTH SZ	221	156	EP	832	45.88 0.04												1.0
TOTH SE	221	156	ES	833	12.09-0.18												1.0
TOTH SE	221	156	AML	833	14.55					72	0.5						
TOTH SN	221	156	AML	833	15.39					26	0.6						
SALA SZ	299	157	EP	832	56.53 1.21												1.0
SALA SN	299	157	ES	833	29.14-0.01												1.0
SALA SN	299	157	AML	833	40.89					45	0.4						
SALA SE	299	157	AML	833	48.59					4	0.4						
ZALF SZ	305	145	EP	832	55.27-0.78												1.0
ZALF SE	305	145	ES	833	30.73 0.29												1.0
ZALF SE	305	145	AML	833	44.13					55	0.8						
ZALF SN	305	145	AML	833	46.28					38	0.8						

**January 21 2009 Hour: 10:59 23.9 Lat: 34.54N Lon: 36.86E Depth: 37 Agency: NEC Local**  
**Magnitudes: 1.7ML 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	75	318	EP		1059	37.72	0.57	65						1.0
BIDA	BN	75	318	ES		1059	46.95-0.51								1.0
BIDA	BN	75	318	AML		1059	49.52			53	0.3				
BIDA	BE	75	318	AML		1059	50.82			112	0.4				
BARB	SZ	151	214	EP		1059	46.56-0.03								1.0
BARB	SZ	151	214	ES		11 0	4.36 0.11								1.0
BARB	SE	151	214	AML		11 0	9.02			23	0.4				
BARB	SN	151	214	AML		11 0	11.14			17	0.6				
ZALF	SZ	185	166	EP		1059	50.84-0.25								1.0
ZALF	SN	185	166	ES		11 0	12.12-0.15								1.0
ZALF	SN	185	166	AML		11 0	15.56			9	0.2				
ZALF	SE	185	166	AML		11 0	15.82			19	0.6				
SALA	SZ	203	183	EP		1059	53.95 0.48		82						1.0
SALA	SE	203	183	ES		11 0	16.29-0.21								1.0
SALA	SN	203	183	AML		11 0	19.93			30	0.3				
SALA	SE	203	183	AML		11 0	19.97			1	0.3				

**January 21 2009 Hour: 10:59 26.1 Lat: 34.22N Lon: 36.80E Depth: 0 Agency: NEC Local**  
**Magnitudes: 1.5ML NEC Rms: 0.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BARB	SZ	119	221	EP		1059	46.53-0.17								1.0
BARB	SE	119	221	ES		11 0	3.55 0.76								1.0
BARB	SE	119	221	AML		11 0	9.02			23	0.5				
BARB	SN	119	221	AML		11 0	11.16			17	0.6				
ZALF	SZ	152	161	EP		1059	52.11 0.20								1.0
ZALF	SE	152	161	ES		11 0	13.23 1.15								1.0
ZALF	SN	152	161	AML		11 0	15.54			10	0.3				
ZALF	SE	152	161	AML		11 0	15.77			19	0.5				
SALA	SZ	167	182	EP		1059	53.75-0.46								1.0

SALA SN	167	182	ES	11	0	14.70	-1.47										1.0
SALA SE	167	182	ES	11	0	16.28											
SALA SN	167	182	AML	11	0	19.92			30	0.4							
SALA SE	167	182	AML	11	0	19.97			2	0.3							

**January 21 2009 Hour: 17:35 46.8 Lat: 35.10N Lon: 38.57E Depth: 27 Agency: NEC Local**  
**Magnitudes: 1.7ML NEC Rms: 0.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JHLN	SZ	64	349	EP		1735	56.53	-1.41							1.0
JHLN	SN	64	349	ES		1736	7.44	0.79							1.0
JHLN	SZ	64	349	AML		1736	10.83		30	0.5					
MZRK	SZ	206	66	EP		1736	17.07	0.09							1.0
MZRK	SN	206	66	ES		1736	40.49	-0.05							1.0
MZRK	SZ	206	66	AML		1736	51.54		4	0.3					
BTCH	SZ	218	299	EP		1736	20.00	1.31							1.0
BTCH	SN	218	299	ES		1736	42.85	-0.74							1.0
BTCH	SE	218	299	AML		1736	52.37		43	0.4					
BTCH	SN	218	299	AML		1736	53.37		20	0.8					

**January 21 2009 Hour: 17:35 57.1 Lat: 36.45N Lon: 38.23E Depth: 31 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
SALM	SZ	37	226	IP		1736	5.00	-0.07							1.0
SALM	SE	37	226	IS		1736	10.59	-0.68							1.0
SALM	SZ	37	226	AML		1736	11.30		70	0.1					
JHLN	SZ	89	168	EP		1736	12.93	0.95							1.0
JHLN	SN	89	168	ES		1736	23.48	-0.09							1.0
JHLN	SZ	89	168	AML		1736	27.41		30	0.5					
MNKR	SZ	109	120	EP		1736	15.30	0.24							1.0
MNKR	SN	109	120	ES		1736	28.88	-0.17							1.0
MNKR	SZ	109	120	AML		1736	33.76		99	0.2					
BTCH	SZ	165	255	EP		1736	22.72	0.52							1.0
BTCH	SN	165	255	ES		1736	41.47	-0.28							1.0
BTCH	SE	165	255	AML		1736	52.35		42	0.4					
BTCH	SN	165	255	AML		1736	53.35		19	0.8					
SFNV	SZ	168	91	EP		1736	23.08	0.35							1.0
SFNV	SN	168	91	ES		1736	41.94	-0.76							1.0
SFNV	SZ	168	91	AML		1736	47.65		12	0.2					

**January 21 2009 Hour: 23:30 20.0 Lat: 36.43N Lon: 40.90E Depth: 0 Agency: NEC Local**  
**Magnitudes: 2.2ML NEC Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	70	199	EP		2330	32.44	0.01							1.0
MZRK	SN	70	199	ES		2330	41.78	-0.33							1.0
MZRK	SZ	70	199	AML		2330	53.65		76	0.3					
KBSD	SZ	72	333	EP		2330	32.31	-0.26							1.0
KBSD	SE	72	333	ES		2330	42.24	-0.11							1.0
KBSD	SZ	72	333	AML		2330	49.63		79	0.4					
SFNV	SZ	72	270	EP		2330	33.27	0.19							1.0
SFNV	SN	72	270	ES		2330	43.15	-0.11							1.0
SFNV	SZ	72	270	AML		2330	52.38		100	0.6					
MNKR	SZ	156	250	EP		2330	46.95	0.76							1.0
MNKR	SE	156	250	ES		2331	6.43	-0.16							1.0
MNKR	SZ	156	250	AML		2331	12.24		310	0.3					

**January 22 2009 Hour: 4:25 13.3 Lat: 36.36N Lon: 35.71E Depth: 0 Agency: NEC Local**  
**Magnitudes: 2.5ML NEC 2.0MC NEC Rms: 1.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	76	118	AML		425	43.02			432	0.3				
DRWC	SZ	90	71	EP	C	425	28.90	-0.41	75						1.0
DRWC	SN	90	71	ES		425	40.83	-0.97							1.0
DRWC	SZ	90	71	AML		425	43.07			151	0.8				
DRWC	SE	90	71	AML		425	44.16			286	0.2				
DRWC	SN	90	71	AML		425	44.37			434	0.5				



SALM	SZ	200	94	EP	D	425	46.82	1.18									1.0
SALM	SZ	200	94	AML		426	14.96			119	0.6						
HAWK	SN	214	163	AML		426	14.86			63	0.3						
HAWK	SE	214	163	AML		426	15.72			45	0.2						
JHLN	SZ	257	107	EP		425	54.20	1.54									1.0
JHLN	SZ	257	107	AML		426	36.60			43	0.6						
KSRV	SZ	323	112	EP		426	1.13	0.16									1.0
KSRV	SZ	323	112	AML		426	40.97			43	0.5						
BARB	SZ	328	176	EP	D	426	0.85	-0.80									1.0
BARB	SZ	328	176	AML		426	47.27			22	0.5						
TOTH	SZ	339	169	EP	C	426	2.26	-1.34									1.0
ZALF	SZ	409	158	EP		426	12.99	0.87									1.0
ZALF	SZ	409	158	AML		427	13.60			16	0.6						
SALA	SZ	416	167	EP		426	12.72	-0.23									1.0

**January 22 2009 Hour: 4:25 13.5 Lat: 36.60N Lon: 35.57E Depth: 19 Agency: NEC Local**  
**Magnitudes: 2.5ML NEC Rms: 1.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
DRWC	SZ	98	88	EP	C	425	28.78	-1.02							1.0		
DRWC	SN	98	88	ES		425	41.14	-1.36							1.0		
BTCH	SZ	102	128	EP	D	425	32.72	2.42							1.0		
BTCH	SZ	102	128	AML		425	43.06			432	0.3						
SALM	SZ	216	101	EP	D	425	46.82	1.05									1.0
SALM	SZ	216	101	AML		426	14.96			119	0.6						
HAWK	SZ	243	162	EP	D	425	50.54	1.23									1.0
HAWK	SZ	243	162	AML		426	14.72			74	0.2						
JHLN	SZ	278	111	AML		426	36.55			43	0.6						
KSRV	SZ	345	115	EP		426	1.11	-0.76									1.0
KSRV	SZ	345	115	AML		426	40.93			43	0.5						
BARB	SZ	356	174	EP		426	0.54	-2.71									1.0
BARB	SZ	356	174	AML		426	47.30			22	0.5						
SFNV	SZ	406	92	EP		426	11.27	1.41									1.0
SALA	SZ	445	166	EP		426	14.43	-0.27									1.0
SALA	SZ	445	166	AML		427	21.28			16	0.8						

**January 22 2009 Hour: 4:25 19.8 Lat: 36.34N Lon: 35.93E Depth: 18 Agency: NEC Local**  
**Magnitudes: 2.6ML NEC Rms: 2.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
ARNB	SN	53	176	AML		425	34.35			862	0.2						
ARNB	SZ	53	176	AML		425	34.36			462	0.3						
ARNB	SE	53	176	AML		425	34.80			728	0.2						
BTCH	SZ	58	125	EP	D	425	32.62	2.56									1.0
BTCH	SN	58	125	ES		425	39.16	1.09									1.0
BTCH	SZ	58	125	AML		425	43.03			432	0.3						
BTCH	SN	58	125	AML		425	45.06			627	0.5						
DRWC	SZ	73	64	EP	C	425	28.91	-3.41									1.0
DRWC	SN	73	64	ES		425	40.53	-1.56									1.0
DRWC	SE	73	64	AML		425	42.70			294	0.6						
DRWC	SZ	73	64	AML		425	43.01			151	0.8						
BIDA	BZ	147	166	EP	D	425	43.36	0.11									1.0
BIDA	BN	147	166	ES		425	58.69	-2.86									1.0
SALM	SZ	180	94	EP	D	425	50.71	3.15									1.0
SALM	SZ	180	94	AML		426	18.75			119	0.6						
SALM	SN	180	94	AML		426	19.84			193	0.5						
HAWK	SZ	206	168	EP	D	425	50.64	-0.35									1.0
HAWK	SE	206	168	ES		426	12.69	-2.62									1.0
HAWK	SZ	206	168	AML		426	14.61			74	0.2						
JHLN	SZ	237	108	EP		425	57.40	2.79									1.0
JHLN	SE	237	108	AML		426	31.05			148	0.5						
ROOS	AZ	270	152	EP		425	59.90	0.66									1.0
KSRV	SZ	303	113	EP		426	3.74	0.77									1.0
KSRV	SN	303	113	EP		426	4.03										
KSRV	SZ	303	113	AML		426	43.83			43	0.5						
KSRV	SN	303	113	AML		426	47.06			50	0.4						

BARB SZ 325 180 EP 426 5.34-0.32 1.0  
 BARB SZ 325 180 AML 426 52.07 22 0.5

**January 22 2009 Hour: 4:42 58.8 Lat: 36.42N Lon: 35.65E Depth: 0 Agency: NEC Local**  
**Magnitudes: 3.4ML NEC Rms: 1.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	84	120	EP	C	443	16.00	2.17							1.0
BTCH	SN	84	120	ES		443	24.64	-0.89							1.0
BTCH	SE	84	120	AML		443	25.62			7248	0.3				
BTCH	SZ	84	120	AML		443	26.56			3693	0.4				
BTCH	SN	84	120	AML		443	28.57			4398	0.7				
DRWC	SZ	94	76	EP	C	443	12.66	-2.80							1.0
DRWC	SZ	94	76	AML		443	26.57			1630	0.4				
DRWC	SE	94	76	AML		443	27.11			2570	0.5				
DRWC	SN	94	76	AML		443	27.95			4010	0.5				
SALM	SZ	206	96	EP	C	443	33.86	1.91							1.0
SALM	SZ	206	96	AML		444	2.17			745	0.4				
SALM	SN	206	96	AML		444	3.13			1086	0.4				
HAWK	SZ	222	162	EP	C	443	31.60	-2.44							1.0
HAWK	SN	222	162	AML		443	56.03			362	0.3				
HAWK	SZ	222	162	AML		443	56.07			342	0.4				
JHLN	SZ	265	108	EP	D	443	40.50	1.38							1.0
JHLN	SN	265	108	EP	D	443	41.01								
JHLN	SE	265	108	AML		444	14.41			1073	0.4				
JHLN	SN	265	108	AML		444	19.89			641	0.4				
JHLN	SZ	265	108	AML		444	22.66			385	0.6				
ROOS	SZ	291	149	EP		443	43.37	0.45							1.0
KSRV	SE	331	112	EP	D	443	46.24	-1.23							1.0
KSRV	SZ	331	112	EP	C	443	47.44	-0.03							1.0
KSRV	SZ	331	112	AML		444	27.65			357	0.4				
KSRV	SN	331	112	AML		444	30.74			396	0.3				
KSRV	SE	331	112	AML		444	31.69			266	0.6				
BARB	SZ	335	175	EP	D	443	47.25	-0.81							1.0
BARB	SN	335	175	AML		444	36.16			89	0.6				
BARB	SE	335	175	AML		444	37.73			103	0.8				
TOTH	SN	347	168	EP	C	443	49.49	-0.59							1.0
TOTH	SE	347	168	EP	C	443	49.51								
TOTH	SZ	347	168	EP	C	443	49.62								
TOTH	SE	347	168	AML		444	37.83			196	0.6				
TOTH	SZ	347	168	AML		444	44.01			90	0.5				
TOTH	SN	347	168	AML		444	46.95			76	0.7				
SFNV	SZ	399	89	EP		443	57.90	1.50							1.0
SFNV	SZ	399	89	AML		445	3.48			237	0.4				
ZALF	SZ	418	158	EP		444	0.54	1.86							1.0
ZALF	SZ	418	158	AML		445	1.08			75	0.6				
SALA	SZ	423	166	EP		443	59.53	0.08							1.0
SALA	SN	423	166	AML		444	55.40			123	0.4				
SALA	SZ	423	166	AML		445	8.87			111	0.7				
KBSD	SZ	442	80	EP		444	0.74	-0.55							1.0
KBSD	SE	442	80	AML		445	11.77			198	0.4				
KBSD	SZ	442	80	AML		445	13.33			166	0.5				

**January 22 2009 Hour: 4:43 2.9 Lat: 36.29N Lon: 35.84E Depth: 27 Agency: NEC Local**  
**Magnitudes: 3.3ML NEC Rms: 2.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	62	116	EP	C	443	16.00	1.95							1.0
BTCH	SN	62	116	ES		443	24.00	1.26							1.0
BTCH	SZ	62	116	AML		443	26.54			3693	0.4				
BTCH	SN	62	116	AML		443	28.58			4398	0.7				
DRWC	SZ	83	63	EP	C	443	12.68	-4.35							1.0
DRWC	SN	83	63	ES		443	24.64	-3.40							1.0
DRWC	SZ	83	63	AML		443	26.58			1630	0.4				
DRWC	SE	83	63	AML		443	27.04			2570	0.5				
SALM	SZ	188	92	EP	C	443	33.89	2.87							1.0

SALM	AN	188	92	AML		443	57.76		1058	0.4							
SALM	SE	188	92	AML		444	1.62		1295	0.4							
HAWK	SZ	203	165	EP	C	443	31.69-1.33										1.0
HAWK	SN	203	165	ES		443	53.30-3.20										1.0
HAWK	SZ	203	165	AML		443	56.04		342	0.4							
HAWK	SE	203	165	AML		443	58.20		177	0.3							
JHLN	SZ	244	106	EP		443	40.27 2.40										1.0
JHLN	SN	244	106	AML		444	19.89		641	0.4							
JHLN	SZ	244	106	AML		444	22.62		385	0.6							
ROOS	SZ	269	150	EP		443	42.92 1.32										1.0
ROOS	SN	269	150	ES		444	10.85-0.92										1.0
ROOS	SZ	269	150	AML		444	22.95		3	0.4							
KSRV	SZ	309	111	EP		443	46.96 0.83										1.0
KSRV	SN	309	111	AML		444	30.74		396	0.3							
KSRV	SE	309	111	AML		444	31.65		266	0.6							
BARB	SZ	319	178	EP	D	443	47.29-0.16										1.0
BARB	SN	319	178	ES		444	18.75-3.45										1.0
TOTH	SZ	329	170	EP		443	49.50 0.28										1.0
TOTH	SE	329	170	AML		444	37.82		196	0.6							
TOTH	SZ	329	170	AML		444	43.98		90	0.5							
SFNV	SZ	383	87	EP		443	58.07 2.41										1.0
SFNV	SN	383	87	AML		444	59.81		503	1.0							
ZALF	SZ	398	159	EP		444	0.47 2.93										1.0
ZALF	SZ	398	159	AML		445	1.04		75	0.6							
SALA	SZ	405	168	EP		444	0.18 1.65										1.0
KBSD	SZ	428	78	EP		443	59.76-1.10										1.0
KBSD	SE	428	78	AML		445	11.77		198	0.4							
KBSD	SN	428	78	AML		445	13.73		224	0.4							

**January 22 2009 Hour: 4:43 2.7 Lat: 36.24N Lon: 35.87E Depth: 1 Agency: NEC Local**  
**Magnitudes: 3.3ML NEC Rms: 1.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	57	113	EP	C	443	15.90	2.87							1.0
BTCH	SZ	57	113	AML		443	26.56			3693	0.4				
BTCH	SE	57	113	AML		443	31.01			6563	0.6				
DRWC	SZ	82	59	EP	C	443	12.70-4.59								1.0
DRWC	SZ	82	59	AML		443	26.48			1630	0.4				
DRWC	SE	82	59	AML		443	27.08			2570	0.5				
KFRA	SZ	142	144	EP		443	27.07 0.40								1.0
KFRA	SE	142	144	EP		443	27.70								
KFRA	SZ	142	144	ES		443	43.23-2.14								1.0
KFRA	SE	142	144	AML		443	45.62			5108	0.5				
SALM	SZ	185	90	EP	C	443	34.07 1.12								1.0
SALM	SN	185	90	AML		444	3.53			1086	0.4				
HAWK	SZ	197	166	EP	C	443	34.15-0.51								1.0
HAWK	SZ	197	166	AML		443	58.39			342	0.4				
HAWK	SE	197	166	AML		444	0.59			177	0.3				
JHLN	SN	240	105	EP		443	41.35 1.68								1.0
JHLN	SN	240	105	AML		444	20.29			641	0.4				
KSRV	SE	305	111	EP	D	443	46.48-1.41								1.0
KSRV	SN	305	111	EP		443	46.48-1.41								1.0
KSRV	SN	305	111	AML		444	30.67			396	0.3				
KSRV	SE	305	111	AML		444	31.61			266	0.6				
BARB	SZ	315	179	EP	D	443	48.58-0.59								1.0
BARB	SN	315	179	EP	D	443	48.63								
BARB	SE	315	179	EP	C	443	48.72-0.45								1.0
BARB	SN	315	179	AML		444	37.55			89	0.6				
BARB	SE	315	179	AML		444	39.11			103	0.8				
BARB	SZ	315	179	AML		444	40.71			145	0.7				
TOTH	SZ	324	171	EP		443	50.76-0.13								1.0
TOTH	SN	324	171	EP	C	443	51.00 0.11								1.0
TOTH	SE	324	171	EP	D	443	51.02 0.13								1.0
TOTH	SE	324	171	AML		444	39.20			196	0.6				
TOTH	SZ	324	171	AML		444	45.38			90	0.5				

TOTH	SN	324	171	AML		444	48.38			76	0.7						
SFNV	SZ	380	86	EP		443	58.41	0.77									1.0
SFNV	SN	380	86	AML		445	0.27			503	1.0						
ZALF	SZ	392	160	EP		444	0.70	1.54									1.0
ZALF	SZ	392	160	AML		445	1.44			75	0.6						
SALA	SZ	400	168	EP		443	59.89	-0.30									1.0
SALA	SZ	400	168	AML		445	10.19			111	0.7						
KBSD	SZ	426	77	EP		444	5.84	2.90									1.0

**January 22 2009 Hour: 4:43 6.3 Lat: 36.08N Lon: 35.89E Depth: 31 Agency: NEC Local**  
**Magnitudes: 3.3ML NEC Rms: 1.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	52	95	EP	C	443	16.12	-0.06							1.0
BTCH	SN	52	95	ES		443	23.78	-0.13							1.0
BTCH	SE	52	95	AML		443	25.66			7248	0.3				
BTCH	SZ	52	95	AML		443	26.59			3692	0.4				
BTCH	SN	52	95	AML		443	28.56			4398	0.7				
DRWC	SN	92	49	AML		443	27.98			4010	0.5				
HAWK	SZ	179	165	EP	C	443	31.74	-1.39							1.0
HAWK	SE	179	165	ES		443	53.54	-0.55							1.0
HAWK	SZ	179	165	AML		443	56.07			342	0.4				
SALM	SZ	184	85	EP	C	443	33.84	0.23							1.0
JHLN	SZ	235	101	EP	D	443	40.47	0.74							1.0
JHLN	SN	235	101	AML		444	19.90			641	0.4				
JHLN	SZ	235	101	AML		444	22.61			385	0.6				
ROOS	SZ	248	149	EP		443	43.23	1.35							1.0
QASN	SZ	285	173	EP		443	46.09	-0.55							1.0
QASN	SZ	285	173	AML		444	21.93			458	0.4				
BARB	SZ	296	179	EP	D	443	47.18	-0.41							1.0
BARB	SN	296	179	AML		444	36.13			89	0.6				
BARB	SE	296	179	AML		444	37.75			103	0.8				
BARB	SZ	296	179	AML		444	39.38			145	0.7				
KSRV	SZ	298	107	EP		443	46.84	-0.88							1.0
KSRV	SZ	298	107	AML		444	27.62			357	0.4				
KSRV	SE	298	107	AML		444	31.71			266	0.6				
TOTH	SZ	306	170	EP	C	443	49.63	0.30							1.0
ZALF	SZ	375	159	EP	C	444	0.40	2.71							1.0
SFNV	SZ	381	83	EP		443	57.72	-0.70							1.0
SFNV	SZ	381	83	AML		445	3.47			237	0.4				
SALA	SZ	382	168	EP	C	443	57.99	-0.65							1.0
SALA	SZ	382	168	AML		445	8.85			111	0.7				
KBSD	SZ	429	75	AML		445	13.25			166	0.5				

**January 22 2009 Hour: 15: 2 20.7 Lat: 37.03N Lon: 40.19E Depth: 81 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
KBSD	SZ	31	96	EP		15	2	32.08	-0.91						1.0
KBSD	SE	31	96	ES		15	2	43.10	0.51						1.0
KBSD	SZ	31	96	AML		15	2	53.20		19	0.3				
SFNV	SZ	69	187	EP		15	2	35.68	-0.38						1.0
SFNV	SE	69	187	ES		15	2	48.27	0.21						1.0
SFNV	SZ	69	187	AML		15	2	58.22		18	0.4				
MZRK	SZ	140	163	EP		15	2	44.35	1.28						1.0
MZRK	SN	140	163	ES		15	2	59.81	-0.72						1.0
MZRK	SZ	140	163	AML		15	3	13.55		7	0.3				

**January 23 2009 Hour: 7:39 21.3 Lat: 34.98N Lon: 34.27E Depth: 39 Agency: NEC Local**  
**Magnitudes: 2.5ML NEC Rms: 2.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BIDA	BZ	187	87	EP		739	49.75	1.32							1.0
BIDA	BE	187	87	ES		740	11.05	1.43							1.0
HAWK	SZ	202	104	EP		739	51.07	0.61							1.0
HAWK	SZ	202	104	AML		740	16.92			47	0.3				
BTCH	SZ	231	59	EP		739	52.38	-1.64							1.0

KFRA	SZ	232	83	EP		739	51.23-2.91									1.0
KFRA	SZ	232	83	AML		740	21.69			82	0.1					
BARB	SZ	233	138	EP		739	50.65-3.51									1.0
BARB	SE	233	138	ES		740	17.10-2.71									1.0
BARB	SZ	233	138	AML		740	19.44			69	0.6					
TOTH	SZ	268	131	EP	C	740	1.11 2.01									1.0
SALA	SZ	339	137	EP		740	10.91 3.09									1.0
ZALF	SZ	364	128	EP		740	13.11 2.31									1.0

**January 23 2009 Hour: 7:39 22.1 Lat: 35.04N Lon: 34.27E Depth: 27 Agency: NEC Local  
Magnitudes: 2.3ML NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAWK	SZ	203	106	EP	C	739	52.15-0.12								1.0
HAWK	SZ	203	106	AML		740	17.89			47	0.3				
BTCH	SZ	227	60	EP	C	739	55.79 0.59								1.0
BTCH	SZ	227	60	ES		740	20.71-0.32								1.0
BTCH	SE	227	60	AML		740	22.77			134	0.3				
BTCH	SZ	227	60	AML		740	23.24			48	0.3				
BTCH	SN	227	60	AML		740	31.53			54	0.6				
BARB	SZ	238	139	EP		739	55.92-0.46								1.0
BARB	SZ	238	139	AML		740	24.42			69	0.6				
TOTH	SZ	272	132	EP		740	1.02-0.23								1.0
TOTH	SE	272	132	ES		740	31.14-0.66								1.0
TOTH	SE	272	132	AML		740	33.94			60	0.4				
TOTH	SN	272	132	AML		740	34.72			36	0.3				
TOTH	SZ	272	132	AML		740	34.75			62	0.5				
DRWC	SZ	279	50	AML		740	34.29			14	0.6				
SALA	SZ	344	138	EP		740	10.46 0.42								1.0
SALA	SN	344	138	ES		740	47.68 0.25								1.0
SALA	SZ	344	138	AML		740	50.94			40	0.4				
SALA	SE	344	138	AML		740	55.92			3	0.4				
SALA	SN	344	138	AML		740	57.32			33	0.4				
ZALF	SZ	367	129	EP		740	12.73-0.19								1.0
ZALF	SE	367	129	ES		740	53.30 0.73								1.0

**January 23 2009 Hour: 7:39 21.8 Lat: 35.22N Lon: 34.69E Depth: 9 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
ARNB	SZ	136	58	EP		739	42.46-1.58								1.0
ARNB	SN	136	58	IS		740	1.94 0.54								1.0
ARNB	SN	136	58	ES		740	3.29								
ARNB	SE	136	58	AML		740	10.79			47	0.2				
ARNB	SZ	136	58	AML		740	16.32			33	0.6				
ARNB	SN	136	58	AML		740	19.54			47	0.4				
HAWK	SZ	175	116	EP		739	51.11 1.08								1.0
HAWK	SZ	175	116	AML		740	16.89			47	0.3				
BTCH	SZ	184	60	EP		739	52.37 1.25								1.0
BTCH	SE	184	60	ES		740	13.65-0.36								1.0
KFRA	SZ	192	90	EP	D	739	51.46-0.61								1.0
KFRA	SN	192	90	AML		740	20.18			216	0.3				
KFRA	SE	192	90	AML		740	20.53			276	0.3				
KFRA	SZ	192	90	AML		740	21.66			82	0.1				
TOTH	SZ	261	142	EP	C	740	1.07-0.15								1.0
TOTH	SE	261	142	AML		740	33.96			60	0.4				
TOTH	SZ	261	142	AML		740	34.74			62	0.5				
TOTH	SN	261	142	AML		740	34.76			36	0.3				
SALA	SZ	336	145	EP		740	10.36-0.06								1.0
SALA	SN	336	145	ES		740	47.92-0.44								1.0
SALA	SZ	336	145	AML		740	50.97			40	0.4				
ZALF	SZ	353	136	EP		740	12.77 0.33								1.0
ZALF	SN	353	136	AML		740	58.90			12	0.6				
ZALF	SZ	353	136	AML		741	1.84			11	0.5				

**January 23 2009 Hour: 12: 3 52.6 Lat: 37.35N Lon: 41.46E Depth: 11 Agency: NEC Local**  
**Magnitudes: 2.0ML NEC Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBSD	SZ	90	245	EP		12 4	7.93	0.17							1.0
KBSD	SZ	90	245	AML		12 4	22.06			74	0.2				
KBSD	SN	90	245	AML		12 4	22.56			86	0.6				
KBSD	SE	90	245	AML		12 4	22.79			119	0.4				
SFNV	SZ	159	230	EP		12 4	18.21	-0.26							1.0
SFNV	SN	159	230	ES		12 4	38.76	0.07							1.0
SFNV	SN	159	230	AML		12 4	39.52			61	0.6				
SFNV	SE	159	230	AML		12 4	41.91			74	0.2				
MZRK	SZ	184	203	EP		12 4	21.68	0.24							1.0
MZRK	SN	184	203	ES		12 4	43.92	-0.05							1.0
MZRK	SE	184	203	AML		12 4	46.26			40	0.3				
MZRK	SZ	184	203	AML		12 4	47.52			26	0.5				
MZRK	SN	184	203	AML		12 4	48.71			36	0.5				
KSRV	SZ	322	224	EP		12 4	38.54	-0.16							1.0
KSRV	SE	322	224	AML		12 5	14.80			4	0.4				
KSRV	SZ	322	224	AML		12 5	18.22			9	0.3				
KSRV	SN	322	224	AML		12 5	20.05			11	0.5				

**January 23 2009 Hour: 21:26 29.5 Lat: 36.71N Lon: 43.18E Depth: 0 Agency: NEC Local**  
**Magnitudes: 2.3ML NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBSD	SZ	238	279	EP		2127	6.77	0.37							1.0
KBSD	SZ	238	279	AML		2127	13.55			42	0.6				
KBSD	SN	238	279	ES		2127	35.20	0.04							1.0
KBSD	SE	238	279	AML		2127	57.61			70	0.5				
MZRK	SZ	248	247	EP	D	2127	8.10	0.38							1.0
MZRK	SZ	248	247	AML		2127	19.28			26	0.5				
SFNV	SZ	278	264	EP		2127	11.08	-0.79							1.0
SFNV	SZ	278	264	AML		2127	29.33			21	0.4				

**January 25 2009 Hour: 3:13 38.6 Lat: 36.68N Lon: 38.88E 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
SFNV	SZ	113	104	EP		313	57.84	0.13							1.0
SFNV	SN	113	104	ES		314	12.55	-0.07							1.0
SFNV	SZ	113	104	AML		314	17.79			16	0.1				
KSRV	SZ	160	176	EP		314	4.49	0.14							1.0
KSRV	SN	160	176	ES		314	24.36	-0.08							1.0
KSRV	SE	160	176	AML		314	26.52			13	0.4				
KSRV	SN	160	176	AML		314	26.89			33	0.1				
KSRV	SZ	160	176	AML		314	29.09			23	0.3				
MZRK	SZ	185	120	EP		314	7.46	-0.27							1.0
MZRK	SN	185	120	ES		314	30.62	0.15							1.0
MZRK	SE	185	120	AML		314	32.23			21	0.7				
MZRK	SN	185	120	AML		314	32.23			16	0.2				
MZRK	SZ	185	120	AML		314	32.84			7	0.4				

**January 25 2009 Hour: 15:35 40.0 Lat: 32.91N Lon: 35.75E Depth: 65 Agency: NEC Local**  
**Magnitudes: 2.9ML NEC Rms: 0.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	34	142	EP		1535	50.94	0.02							1.0
TCHB	SN	34	142	AML		1535	51.12			3956	0.2				
TCHB	SE	34	142	AML		1535	51.94			1653	0.3				
TCHB	SZ	34	142	AML		1535	54.88			2038	0.7				
BARB	SZ	59	19	EP		1535	53.19	0.37							1.0
BARB	SE	59	19	ES		1536	3.54	0.71							1.0
BARB	SN	59	19	AML		1536	4.52			134	0.2				
BARB	SZ	59	19	AML		1536	5.14			348	0.4				
BARB	SE	59	19	AML		1536	6.65			220	0.4				
TOTH	SZ	81	52	EP		1535	54.65	-0.95							1.0

TOTH	AZ	81	52	EP		1535	56.53												
QASN	SZ	85	35	EP		1535	54.70-1.24												1.0
QASN	SN	85	35	AML		1536	9.63			223	0.2								
QASN	SZ	85	35	AML		1536	9.66			493	0.2								
QASN	SE	85	35	AML		1536	12.91			458	0.4								
SALA	SZ	95	103	EP		1535	56.54-0.39												1.0
SALA	SN	95	103	ES		1536	9.73-0.40												1.0
SALA	SN	95	103	AML		1536	10.06			741	0.2								
ZALF	SZ	149	89	EP		1536	5.04 1.89												1.0
ZALF	SE	149	89	AML		1536	26.55			138	0.5								
ZALF	SN	149	89	AML		1536	28.84			170	0.5								
ZALF	SZ	149	89	AML		1536	29.30			94	0.6								

**January 26 2009 Hour: 21:52 58.8 Lat: 36.91N Lon: 36.70E Depth: 5 Agency: NEC Local Rms: 0.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	99	193	EP	D	2153	15.55-0.47								1.0
SALM	SZ	135	125	EP		2153	21.39 0.10								1.0
SALM	AZ	135	125	EP		2153	23.07								
KFRA	SZ	189	177	IPg		2153	30.75-0.64								1.0
JHLN	SZ	208	131	EP		2153	33.33 1.90								1.0
BIDA	BZ	210	190	EP		2153	32.21 0.42								1.0
MNKR	SZ	255	114	EP		2153	35.97-1.33								1.0
HAWK	SZ	267	186	EP		2153	39.34 0.33								1.0
SFNV	SZ	309	99	EP		2153	44.13-0.31								1.0

**January 27 2009 Hour: 9:50 43.0 Lat: 35.73N Lon: 36.22E Depth: 7 Agency: NEC Local Magnitudes: 1.4ML NEC Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ARNB	SZ	27	302	EP		950	46.79-1.12								1.0
ARNB	SE	27	302	ES		950	52.37 0.63								1.0
ARNB	SN	27	302	AML		950	56.49			19	0.8				
ARNB	SE	27	302	AML		951	5.35			15	0.7				
WRDH	BZ	30	146	EP		950	49.23 0.84								1.0
WRDH	BE	30	146	ES		950	52.13-0.47								1.0
WRDH	BN	30	146	AML		950	54.57			65	0.5				
WRDH	BE	30	146	AML		950	55.04			57	0.5				
BTCH	SZ	40	32	EP		950	50.56 0.27								1.0
BTCH	SN	40	32	ES		950	55.83-0.15								1.0
BTCH	SE	40	32	AML		951	1.66			121	0.5				
BTCH	SN	40	32	AML		951	3.89			95	0.5				

**January 27 2009 Hour: 18:14 7.0 Lat: 36.23N Lon: 36.06E Depth: 51 Agency: NEC Local Magnitudes: 2.8ML NEC Rms: 1.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	41	121	EP	C	1814	15.52-1.66								1.0
BTCH	SE	41	121	ES		1814	26.09 0.99								1.0
BTCH	SZ	41	121	AML		1814	28.86			1894	0.3				
BTCH	SE	41	121	AML		1814	30.32			3234	0.2				
BTCH	SN	41	121	AML		1814	32.73			1926	0.4				
WRDH	BZ	86	159	EP		1814	21.33-0.41								1.0
BIDA	BZ	133	170	EP		1814	28.01 0.37								1.0
BIDA	BZ	133	170	AML		1814	50.74			2292	0.3				
BIDA	BE	133	170	AML		1814	51.09			1772	0.4				
BIDA	BN	133	170	AML		1814	52.74			540	0.4				
SALM	SZ	168	90	EP		1814	32.19 0.32								1.0
HAWK	SZ	192	171	EP	D	1814	34.35-0.71								1.0
JHLN	SZ	223	106	EP		1814	39.23 0.65								1.0
ROOS	SZ	254	154	EP		1814	43.25 0.22								1.0
ROOS	SN	254	154	AML		1815	32.90			2	0.4				
ROOS	SZ	254	154	AML		1815	34.42			2	0.5				
BARB	SZ	313	182	EP		1814	50.15 0.18								1.0
BARB	SZ	313	182	AML		1815	41.23			55	0.6				
BARB	SN	313	182	AML		1815	41.36			34	0.4				

BARB	SE	313	182	AML	1815	43.85			48	0.8							
TOTH	SZ	320	174	EP	1814	50.75-0.65											1.0
TOTH	SE	320	174	AML	1815	43.16			102	0.6							
TOTH	SZ	320	174	AML	1815	46.79			64	0.4							
SFNV	SZ	363	86	EP	1814	56.39-0.13											1.0
ZALF	SZ	385	162	EP	1815	1.89 2.64											1.0
ZALF	SE	385	162	ES	1815	38.83-1.16											1.0
ZALF	SE	385	162	AML	1816	1.91			53	0.4							
ZALF	SN	385	162	AML	1816	5.65			38	0.6							
ZALF	SZ	385	162	AML	1816	5.79			32	0.6							
SALA	SZ	395	171	EP	1815	0.87 0.28											1.0
KBSD	SN	410	77	AML	1816	3.58			98	0.4							
KBSD	SE	410	77	AML	1816	6.65			177	0.4							
KBSD	SZ	410	77	AML	1816	6.87			68	0.3							
MZRK	SZ	416	95	EP	1815	1.81-0.92											1.0

**January 27 2009 Hour: 23:54 44.4 Lat: 37.27N Lon: 39.31E Depth: 38 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
KBSD	SZ	114	105	EP		2355	2.47	0.25							1.0
KBSD	SE	114	105	ES		2355	15.22-0.89								1.0
KBSD	SZ	114	105	AML		2355	20.51			23	0.2				
SFNV	SZ	118	143	EP		2355	4.21	0.99							1.0
SFNV	SE	118	143	ES		2355	17.98	0.09							1.0
SFNV	SZ	118	143	AML		2355	22.27			12	0.2				
SALM	SZ	170	227	EP		2355	9.54	0.08							1.0
SALM	SN	170	227	ES		2355	28.50-0.51								1.0
SALM	SZ	170	227	AML		2355	40.22			9	0.6				

**January 28 2009 Hour: 5: 8 16.5 Lat: 32.99N Lon: 35.72E Depth: 9 Agency: NEC Local**  
**Magnitudes: 1.3ML NEC Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TCHB	SZ	43	147	EP		5 8	24.26	0.02							1.0
TCHB	SN	43	147	ES		5 8	30.31	0.00							1.0
TCHB	SE	43	147	AML		5 8	30.32			24	0.4				
TCHB	SZ	43	147	AML		5 8	31.56			57	0.1				
BARB	SZ	52	25	EP		5 8	25.54-0.02								1.0
BARB	SE	52	25	ES		5 8	32.80	0.15							1.0
BARB	SN	52	25	AML		5 8	33.79			17	0.6				
BARB	SZ	52	25	AML		5 8	36.88			16	0.3				
TOTH	SZ	78	58	EP		5 8	30.24-0.25								1.0
SALA	SZ	100	108	EP		5 8	34.02	0.31							1.0
ZALF	SZ	151	92	EP		5 8	41.17-0.21								1.0
HAWK	SZ	182	20	EP		5 8	45.57	0.01							1.0

**January 28 2009 Hour: 20:40 57.9 Lat: 35.12N Lon: 40.29E Depth: 23 Agency: NEC Local**  
**Magnitudes: 2.1ML NEC 2.0MC NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	85	23	EP		2041	12.44	0.33	71						1.0
MZRK	SE	85	23	ES		2041	23.09-0.09								1.0
MZRK	SZ	85	23	AML		2041	27.34			53	0.2				
MNKR	SZ	130	315	EP		2041	17.21-1.55								1.0
MNKR	SE	130	315	ES		2041	35.76	0.74							1.0
MNKR	SZ	130	315	AML		2041	44.27			211	0.2				
SFNV	SZ	145	353	EP		2041	22.66	1.45	80						1.0
SFNV	SE	145	353	ES		2041	39.27-0.12								1.0
SFNV	SZ	145	353	AML		2041	49.21			42	0.2				
KBSD	SZ	210	6	EP		2041	28.72-0.17								1.0
KBSD	SE	210	6	ES		2041	52.46-0.60								1.0
KBSD	SZ	210	6	AML		2042	1.34			20	0.2				



**January 28 2009 Hour: 20:41 0.4 Lat: 35.24N Lon: 40.72E Depth: 12 Agency: NEC Local**  
**Magnitudes: 2.1ML NEC Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	66	355	EP		2041	12.48	0.76							1.0
SFNV	SZ	143	337	EP		2041	22.78	-0.95							1.0
SFNV	SN	143	337	ES		2041	41.50	-0.44							1.0
SFNV	SN	143	337	AML		2041	46.02			93	0.3				
SFNV	SZ	143	337	AML		2041	49.14			42	0.2				
SFNV	SE	143	337	AML		2041	49.88			77	0.3				
MNKR	SZ	153	301	EP		2041	25.13	0.15							1.0
MNKR	SZ	153	301	AML		2041	48.49			211	0.2				
KSRV	SZ	156	271	EP		2041	24.50	-0.93							1.0
KSRV	SN	156	271	ES		2041	45.72	0.75							1.0
KSRV	SZ	156	271	AML		2041	46.69			29	0.2				
KSRV	SN	156	271	AML		2041	50.44			18	0.2				
KBSD	SZ	196	355	EP		2041	31.09	0.45							1.0
KBSD	SN	196	355	ES		2041	54.45	0.21							1.0
KBSD	SN	196	355	AML		2041	58.43			22	0.3				
KBSD	SZ	196	355	AML		2042	2.43			20	0.2				

**January 28 2009 Hour: 23:59 13.2 Lat: 35.79N Lon: 29.23E Depth:221 Agency: NEC Local**  
**Magnitudes: 4.4ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BIDA	BZ	649	95	EP		24 0	41.79	0.21							1.0
BIDA	BZ	649	95	AML		24 1	52.43			3412	0.3				
BIDA	BN	649	95	AML		24 1	53.26			1293	0.9				
BIDA	BE	649	95	AML		24 1	54.42			3473	0.5				
BTCH	SZ	653	85	EP		24 0	41.63	-0.56							1.0
HAWK	SZ	669	100	EP		24 0	43.90	-0.20							1.0
HAWK	SZ	669	100	AML		24 1	56.75			2857	0.6				
HAWK	SE	669	100	AML		24 1	57.44			639	0.5				
BARB	SZ	670	111	EP	D	24 0	43.79	-0.35							1.0
KFRA	SN	690	93	AML		24 2	4.11			2069	0.4				
KFRA	SZ	690	93	AML		24 2	13.02			933	0.6				
QASN	SZ	692	109	EP	C	24 0	47.45	0.18							1.0
QASN	AZ	692	109	EP	D	24 0	47.89	0.62							1.0
QASN	SZ	692	109	AML		24 2	6.46			1571	0.6				
QASN	SE	692	109	AML		24 2	12.21			822	0.7				
TOTH	SZ	713	110	EP		24 0	50.27	0.43							1.0
TOTH	SE	713	110	ES		24 2	4.42	-0.77							1.0
TOTH	SE	713	110	AML		24 2	10.36			509	0.2				
TOTH	SN	713	110	AML		24 2	10.73			242	0.5				
TOTH	SZ	713	110	AML		24 2	12.32			585	0.7				
ROOS	SZ	757	101	EP		24 0	55.81	0.81							1.0
ROOS	SN	757	101	ES		24 2	15.16	0.78							1.0
ZALF	SZ	810	111	EP	D	24 1	1.10	-0.25							1.0
KSRV	SZ	889	91	EP		24 1	9.53	-1.04							1.0
KSRV	SZ	889	91	AML		24 2	59.95			86	0.3				
SFNV	SZ	981	83	EP		24 1	21.15	-1.04							1.0
KBSD	SZ	1023	79	EP		24 1	28.66	1.73							1.0
KBSD	SE	1023	79	AML		24 3	50.78			63	0.5				
KBSD	SZ	1023	79	AML		24 3	54.42			52	0.5				
MZRK	SZ	1032	86	EP		24 1	27.51	-0.54							1.0
MZRK	SZ	1032	86	AML		24 3	44.24			43	0.5				
MZRK	SN	1032	86	AML		24 3	47.81			87	0.5				

**January 28 2009 Hour: 23:59 14.0 Lat: 35.65N Lon: 28.98E Depth: 36 Agency: NEC Local**  
**Magnitudes: 4.3ML NEC Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BIDA	BZ	670	94	EP		24 0	41.75	0.13							1.0
BIDA	BZ	670	94	AML		24 1	52.49			3412	0.3				
BIDA	BN	670	94	AML		24 1	53.31			1293	0.9				
BIDA	BE	670	94	AML		24 1	54.40			3473	0.5				

BTCH	SZ	677	84	EP		24	0	42.00	-0.57								1.0
BTCH	SZ	677	84	AML		24	1	59.21			795	0.5					
BTCH	SN	677	84	AML		24	2	2.37			1536	0.4					
BTCH	SE	677	84	AML		24	2	4.33			1467	0.4					
BARB	SZ	686	109	EP	D	24	0	43.78	0.15								1.0
BARB	SE	686	109	ES		24	1	52.21	-1.35								1.0
BARB	SE	686	109	AML		24	1	57.90			1083	0.7					
BARB	SZ	686	109	AML		24	1	58.42			640	0.6					
BARB	SN	686	109	AML		24	1	58.65			371	0.2					
HAWK	SZ	688	98	EP		24	0	43.94	-0.13								1.0
HAWK	SZ	688	98	AML		24	1	56.79			2857	0.6					
HAWK	SE	688	98	AML		24	1	57.47			639	0.5					
DRWC	SN	700	79	AML		24	2	0.14			165	0.6					
QASN	SZ	709	107	EP		24	0	47.64	0.68								1.0
QASN	SN	709	107	AML		24	2	8.05			610	0.4					
QASN	SE	709	107	AML		24	2	12.26			822	0.7					
KFRA	SZ	711	92	EP		24	0	47.19	0.33								1.0
KFRA	SN	711	92	AML		24	2	4.12			2069	0.4					
KFRA	SE	711	92	AML		24	2	5.34			2858	0.5					
KFRA	SZ	711	92	AML		24	2	13.06			933	0.6					
TCHB	SZ	724	115	EP	C	24	0	47.91	-0.54								1.0
TOTH	SZ	729	108	EP	D	24	0	49.68	0.09								1.0
TOTH	SE	729	108	ES		24	2	5.49	1.32								1.0
TOTH	SE	729	108	AML		24	2	10.37			509	0.2					
TOTH	SZ	729	108	AML		24	2	12.33			535	0.7					
SALA	SZ	785	112	EP	C	24	0	56.24	-0.11								1.0
SALA	SN	785	112	AML		24	0	59.87			74	0.4					
SALA	SE	785	112	AML		24	1	4.24			14	0.5					
ZALF	SZ	826	109	EP	D	24	1	1.43	-0.01								1.0
ZALF	SZ	826	109	AML		24	1	12.47			56	0.6					
ZALF	SN	826	109	AML		24	1	19.20			35	0.5					

**January 28 2009 Hour: 23:59 19.9 Lat: 35.61N Lon: 29.73E Depth:179 Agency: NEC Local**  
**Magnitudes: 4.4ML NEC 3.6MC NEC Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ARNB	SZ	566	85	EP		24	0	37.11	0.37						1.0
ARNB	SN	566	85	ES		24	1	37.10	0.44						1.0
ARNB	SE	566	85	AML		24	1	49.72		956	0.7				
ARNB	SN	566	85	AML		24	1	49.83		977	0.5				
WRDH	BZ	606	89	EP		24	0	41.83	0.26						1.0
WRDH	BN	606	89	ES		24	1	43.34	-1.92						1.0
WRDH	BN	606	89	AML		24	1	55.78		663	0.6				
WRDH	BE	606	89	AML		24	1	56.09		464	0.5				
BTCH	SZ	610	84	EP		24	0	42.22	-0.08						1.0
BTCH	SN	610	84	ES		24	1	46.71	0.15						1.0
BTCH	SN	610	84	AML		24	2	2.39		1536	0.4				
BTCH	SE	610	84	AML		24	2	4.33		1467	0.4				
BARB	SZ	621	111	EP		24	0	43.60	0.04	191					1.0
BARB	SE	621	111	ES		24	1	48.97	0.17						1.0
BARB	SN	621	111	AML		24	1	58.51		5809	0.2				
BARB	SE	621	111	AML		24	1	59.15		7740	0.2				
QASN	SZ	643	109	EP		24	0	46.75	0.03						1.0
QASN	SN	643	109	ES		24	1	55.45	1.02						1.0
QASN	SN	643	109	AML		24	2	8.03		610	0.4				
QASN	SE	643	109	AML		24	2	12.23		822	0.7				
KFRA	SZ	644	92	EP		24	0	47.14	0.78						1.0
KFRA	SN	644	92	ES		24	1	54.05	0.27						1.0
KFRA	SN	644	92	AML		24	2	4.13		2069	0.4				
KFRA	SE	644	92	AML		24	2	5.34		2858	0.5				
TCHB	SZ	662	118	EP		24	0	47.66	-0.88						1.0
TCHB	SN	662	118	ES		24	1	57.39	-0.28						1.0
TCHB	SE	662	118	AML		24	2	13.03		307	0.8				
TCHB	SN	662	118	AML		24	2	17.33		681	0.7				
TOTH	SZ	664	110	EP		24	0	49.24	-0.08						1.0

TOTH SN	664	110	ES	24	1	58.81-0.25										1.0
TOTH SE	664	110	AML	24	2	10.35			509	0.2						
TOTH SN	664	110	AML	24	2	10.77			242	0.5						
SALA SZ	721	114	EP	24	0	55.89-0.22										1.0
SALA SN	721	114	ES	24	2	11.58 0.44										1.0
SALA SE	721	114	AML	24	2	23.79			24	0.5						
SALA SN	721	114	AML	24	2	25.63			332	0.4						
ZALF SZ	761	111	EP	24	1	0.76-0.17										1.0
ZALF SN	761	111	ES	24	2	19.65-0.07										1.0
ZALF SN	761	111	AML	24	2	42.30			1101	1.3						
ZALF SE	761	111	AML	24	2	47.57			173	0.6						

**January 28 2009 Hour: 23:59 20.1 Lat: 35.43N Lon: 29.65E Depth:166 Agency: NEC Local**  
**Magnitudes: 4.0ML NEC 3.6MC NEC Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH SZ	620	82	EP			24 0	42.21-1.07		187						1.0
BTCH SE	620	82	ES			24 1	48.48 0.36								1.0
BTCH SN	620	82	AML			24 2	2.58			1518	0.3				
BTCH SE	620	82	AML			24 2	4.37			1487	0.4				
BARB SZ	621	109	EP			24 0	43.59 0.26		196						1.0
BARB SN	621	109	ES			24 1	47.51-0.71								1.0
QASN SZ	644	107	EP			24 0	46.77 0.16		199						1.0
QASN SN	644	107	ES			24 1	53.83-0.23								1.0
QASN SN	644	107	AML			24 2	8.25			616	0.4				
QASN SE	644	107	AML			24 2	9.16			833	0.8				
KFRA SZ	650	90	EP			24 0	47.14 0.13		198						1.0
KFRA SN	650	90	ES			24 1	55.53 0.77								1.0
KFRA SN	650	90	AML			24 2	4.37			2084	0.5				
KFRA SE	650	90	AML			24 2	5.63			2886	0.5				
TCHB SZ	659	116	EP			24 0	47.67-0.38		191						1.0
TCHB SE	659	116	ES			24 1	57.42 0.80								1.0
TCHB SE	659	116	AML			24 2	13.22			298	0.4				
TCHB SN	659	116	AML			24 2	17.38			691	0.7				
TOTH SZ	664	108	EP			24 0	49.27 0.10		184						1.0
TOTH SN	664	108	ES			24 1	58.04-0.58								1.0
TOTH SE	664	108	AML			24 2	9.71			582	0.8				
TOTH SN	664	108	AML			24 2	10.77			244	0.5				
ROOS SZ	713	99	EP			24 0	55.00 0.05		161						1.0
ROOS SE	713	99	ES			24 2	9.10 0.20								1.0
ROOS SN	713	99	AML			24 2	20.46			9	0.5				
ROOS SE	713	99	AML			24 2	20.95			7	0.6				
SALA SZ	720	113	EP			24 0	55.85 0.06		223						1.0
SALA SN	720	113	ES			24 2	10.36-0.04								1.0
SALA SE	720	113	AML			24 2	23.80			24	0.5				
SALA SN	720	113	AML			24 2	25.63			337	0.5				
ZALF SZ	761	109	EP			24 1	0.74-0.05								1.0
ZALF SN	761	109	ES			24 2	19.61 0.31								1.0
ZALF SN	761	109	AML			24 2	36.32			130	0.4				
ZALF SE	761	109	AML			24 2	47.64			175	0.6				
KSRV SZ	851	89	EP			24 1	11.80 0.29								1.0
KSRV SE	851	89	ES			24 2	37.63-0.75								1.0
KSRV SZ	851	89	AML			24 3	0.25			86	0.2				
KBSD SZ	994	77	EP			24 1	29.57 0.43								1.0
KBSD SN	994	77	ES			24 3	9.67-0.09								1.0
KBSD SZ	994	77	AML			24 3	54.72			53	0.3				

**January 28 2009 Hour: 23:59 21.8 Lat: 35.53N Lon: 30.06E Depth: 0 Agency: NEC Local**  
**Magnitudes: 4.0ML NEC 3.5MC NEC Rms: 1.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH SZ	581	83	EP			24 0	41.63-0.28		162						1.0
BTCH SN	581	83	ES			24 1	44.99 0.58								1.0
BTCH SN	581	83	AML			24 2	2.62			1550	0.4				
BTCH SE	581	83	AML			24 2	4.40			1492	0.4				
BARB SZ	590	112	EP			24 0	43.60 0.71		190						1.0

BARB	SN	590	112	ES	24	1	48.21	2.05								1.0
BARB	SE	590	112	AML	24	1	57.91			1090	0.7					
BARB	SN	590	112	AML	24	1	58.82			383	0.2					
QASN	SZ	612	109	EP	24	0	45.33	-0.79	170							1.0
QASN	SE	612	109	ES	24	1	53.89	1.97								1.0
QASN	SN	612	109	AML	24	2	6.44			613	0.3					
QASN	SE	612	109	AML	24	2	7.40			836	0.8					
TCHB	SZ	631	119	EP	24	0	48.04	-0.04	223							1.0
TCHB	SE	631	119	ES	24	1	57.05	1.65								1.0
TCHB	SE	631	119	AML	24	2	13.22			294	0.3					
TCHB	SN	631	119	AML	24	2	17.34			682	0.7					
TOTH	SZ	633	111	EP	24	0	49.60	0.81								1.0
TOTH	SN	633	111	ES	24	1	52.44	-4.23								1.0
TOTH	SE	633	111	AML	24	2	10.32			509	0.2					
TOTH	SN	633	111	AML	24	2	10.77			245	0.5					
SALA	SZ	690	115	EP	24	0	56.09	0.31	152							1.0
SALA	SN	690	115	ES	24	2	8.52	-0.59								1.0
SALA	SE	690	115	AML	24	2	23.85			24	0.5					
SALA	SN	690	115	AML	24	2	25.66			333	0.4					
ZALF	SZ	730	111	EP	24	0	59.82	-0.86	229							1.0
ZALF	SN	730	111	ES	24	2	16.55	-1.28								1.0
ZALF	SN	730	111	AML	24	2	36.30			130	0.5					
ZALF	SE	730	111	AML	24	2	47.66			173	0.6					

**January 29 2009 Hour: 7:5 1.0 Lat: 36.37N Lon: 35.60E Depth: 10 Agency: NEC Local**  
**Magnitudes: 2.3ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ARNB	SZ	66	149	EP		7	5	12.87	0.52						1.0
ARNB	SE	66	149	AML		7	5	23.87		90	0.2				
ARNB	SZ	66	149	AML		7	5	31.42		45	0.3				
BTCH	SZ	86	115	EP		7	5	16.03	0.26						1.0
BTCH	SN	86	115	ES		7	5	26.81	-0.52						1.0
BTCH	SN	86	115	AML		7	5	27.70		181	0.3				
BTCH	SZ	86	115	AML		7	5	28.92		158	0.3				
BTCH	SE	86	115	AML		7	5	29.67		267	0.3				
WRDH	BZ	121	142	EP		7	5	21.83	1.02						1.0
WRDH	BN	121	142	ES		7	5	36.72	0.42						1.0
BIDA	BZ	161	156	EP		7	5	25.19	-1.72						1.0
BIDA	BZ	161	156	AML		7	5	47.51		273	0.4				
BIDA	BE	161	156	AML		7	5	47.84		258	0.4				
BIDA	BN	161	156	AML		7	5	47.95		76	0.3				
HAWK	SZ	218	160	AML		7	6	3.39		29	0.3				
KSRV	SZ	333	111	EP		7	5	48.69	0.07						1.0
KSRV	SN	333	111	ES		7	6	25.75	-0.05						1.0
KSRV	SN	333	111	AML		7	6	32.45		20	0.2				
KSRV	SZ	333	111	AML		7	6	33.21		19	0.5				
KSRV	SE	333	111	AML		7	6	34.20		10	0.4				

**January 29 2009 Hour: 12:26 53.6 Lat: 33.83N Lon: 36.65E Depth: 13 Agency: NEC Local**  
**Magnitudes: 2.0ML NEC 1.7MC NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	48	227	EP		1227		2.08	-0.55	62					1.0
QASN	SN	48	227	ES		1227		9.39	-0.28						1.0
QASN	SE	48	227	AML		1227		13.09		639	0.3				
QASN	SN	48	227	AML		1227		15.11		377	0.5				
TOTH	SZ	56	202	EP		1227		4.33	0.31						1.0
TOTH	SE	56	202	ES		1227		11.96	-0.17						1.0
TOTH	SE	56	202	AML		1227		14.31		101	0.5				
TOTH	SN	56	202	AML		1227		32.21		88	0.8				
HAWK	SZ	80	344	EP		1227		8.13	0.66	60					1.0
BARB	SE	80	234	AML		1227		26.07		157	0.5				
BARB	SN	80	234	AML		1227		26.14		77	0.4				
HAWK	SN	80	344	ES		1227		17.65	-0.63						1.0
BARB	SZ	80	234	EP		1227		7.42	0.15	67					1.0

HAWK	SN	80	344	AML	1227	21.86			101	0.6						
HAWK	SE	80	344	AML	1227	22.45			62	0.6						
BARB	SN	80	234	ES	1227	18.33	0.41									1.0
ZALF	SZ	119	147	EP	1227	13.87	0.37									1.0
ZALF	SE	119	147	ES	1227	28.62	-0.38									1.0
ZALF	SE	119	147	AML	1227	40.97			39	0.5						
ZALF	SN	119	147	AML	1227	41.56			43	0.5						
SALA	SZ	124	176	EP	1227	14.56	0.27									1.0
SALA	SE	124	176	ES	1227	30.26	-0.16									1.0
SALA	SN	124	176	AML	1227	43.37			52	0.5						
SALA	SE	124	176	AML	1227	46.44			4	0.5						

**January 29 2009 Hour: 13:29 32.3 Lat: 37.96N Lon: 37.27E Depth:115 Agency: NEC Local**  
**Magnitudes: 2.3ML NEC Rms: 1.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BTCH	SZ	225	199	EP		1330	6.74	0.35							1.0
BTCH	SN	225	199	ES		1330	32.52	-0.45							1.0
BTCH	SZ	225	199	AML		1330	43.80			38	0.7				
SFNV	SZ	304	123	EP		1330	17.47	1.67							1.0
SFNV	SN	304	123	ES		1330	49.47	-0.24							1.0
KSRV	SZ	339	152	EP		1330	20.88	1.15							1.0
KSRV	SZ	339	152	AML		1330	57.18			24	0.2				
MZRK	SZ	383	127	EP		1330	22.04	-2.94							1.0
MZRK	SZ	383	127	AML		1330	38.42			13	0.4				
MZRK	SE	383	127	ES		1331	6.50	0.46							1.0

**January 29 2009 Hour: 15:12 53.8 Lat: 36.64N Lon: 38.40E Depth:59 Agency: NEC Local**  
**Magnitudes: 1.9ML NEC Rms: 0.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JHLN	SZ	108	178	EP		1513	11.50	0.04							1.0
JHLN	SN	108	178	ES		1513	24.32	-0.92							1.0
JHLN	SZ	108	178	AML		1513	29.46			17	0.2				
MNKR	SZ	110	134	EP		1513	13.39	1.59							1.0
MNKR	SE	110	134	ES		1513	25.95	0.11							1.0
MNKR	SZ	110	134	AML		1513	35.34			261	0.1				
SFNV	SZ	155	99	EP		1513	18.97	1.49							1.0
SFNV	SN	155	99	ES		1513	36.33	0.38							1.0
SFNV	SZ	155	99	AML		1513	45.18			16	0.3				
KBSD	SZ	196	78	EP		1513	21.40	-0.67							1.0
KBSD	SE	196	78	ES		1513	43.24	-0.88							1.0
KBSD	SZ	196	78	AML		1513	53.03			12	0.3				
MZRK	SZ	222	113	EP		1513	24.37	-1.04							1.0
MZRK	SN	222	113	ES		1513	49.97	-0.09							1.0
MZRK	SZ	222	113	AML		1514	1.87			11	0.6				

**January 29 2009 Hour: 19:7 47.3 Lat: 33.58N Lon: 36.54E Depth:0 Agency: NEC Local**  
**Magnitudes: 0.8ML NEC Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
QASN	SZ	25	258	EP		19 7	51.27	-0.96							1.0
TOTH	SZ	26	203	EP		19 7	52.04	-0.56							1.0
BARB	SZ	58	251	EP		19 7	58.72	1.28							1.0
SALA	SZ	98	169	EP		19 8	4.93	0.14							1.0
SALA	SN	98	169	ES		19 8	18.54	0.10							1.0

**January 29 2009 Hour: 22:10 47.7 Lat: 36.79N Lon: 42.83E Depth:38 Agency: NEC Local**  
**Magnitudes: 2.6ML NEC Rms: 1.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBSD	SZ	206	277	EP		2211	15.67	-1.39							1.0
KBSD	SN	206	277	ES		2211	39.84	-0.08							1.0
KBSD	SZ	206	277	AML		2211	45.97			110	0.8				
MZRK	SZ	223	242	EP		2211	18.04	-1.27							1.0
MZRK	SZ	223	242	AML		2212	9.67			54	0.4				
SFNV	SZ	248	261	EP		2211	25.62	2.82							1.0
SFNV	SE	248	261	ES		2211	50.07	-0.08							1.0

SFNV	SZ	248	261	AML		2212	13.51			62	0.6				
MNKR	SZ	333	255	AML		2212	23.17			168	0.3				
KSRV	SZ	385	245	AML		2212	20.60			24	0.4				

**January 29 2009 Hour: 23:41 17.2 Lat: 36.47N Lon: 38.82E Depth: 44 Agency: NEC Local**  
**Magnitudes: 2.0ML NEC Rms: 1.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SFNV	SZ	115	93	EP		2341	36.69	0.96							1.0
SFNV	SN	115	93	ES		2341	50.04	-0.13							1.0
SFNV	SZ	115	93	AML		2341	57.54			21	0.3				
KSRV	SZ	138	173	EP		2341	36.55	-1.63							1.0
KSRV	SZ	138	173	AML		2341	51.98			29	0.3				
KBSD	SZ	165	69	EP		2341	42.16	0.68							1.0
KBSD	SE	165	69	ES		2341	58.69	-1.72							1.0
KBSD	SZ	165	69	AML		2341	59.62			51	0.3				
KBSD	SE	165	69	AML		2342	0.71			81	0.4				
MZRK	SZ	180	113	EP		2341	45.24	1.84							1.0
MZRK	SZ	180	113	AML		2342	6.34			10	0.5				

**January 30 2009 Hour: 9: 0 32.3 Lat: 38.25N Lon: 37.63E Depth: 0 Agency: NEC Local**  
**Magnitudes: 3.5ML NEC Rms: 3.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SALM	SZ	227	173	EP		9	1	7.28	-0.72						1.0
SALM	SE	227	173	ES		9	1	29.34	-6.54						1.0
SALM	SE	227	173	AML		9	1	29.85		1377	0.3				
SALM	SN	227	173	AML		9	1	30.57		1353	0.5				
SALM	SZ	227	173	AML		9	1	33.34		831	0.5				
BTCH	SZ	267	203	IP	C	9	1	12.80	-0.24						1.0
BTCH	SE	267	203	AML		9	1	48.28		713	0.4				
BTCH	SN	267	203	AML		9	1	50.76		497	0.4				
BTCH	SZ	267	203	AML		9	2	1.10		391	0.4				
KBSD	SZ	292	117	EP		9	1	17.95	2.07						1.0
MNKR	SZ	294	150	EP		9	1	15.98	-0.36						1.0
MNKR	SE	294	150	AML		9	1	55.28		1318	0.2				
MNKR	SN	294	150	AML		9	1	59.89		602	0.6				
MNKR	SZ	294	150	AML		9	2	1.90		1964	0.4				
JHLN	SZ	295	166	EP		9	1	14.94	-1.41						1.0
SFNV	SZ	298	132	EP		9	1	16.90	-0.27						1.0
SFNV	SZ	298	132	AML		9	1	56.89		452	0.4				
SFNV	SE	298	132	AML		9	2	0.17		636	0.9				
SFNV	SN	298	132	AML		9	2	1.01		530	0.3				
ARNB	SZ	303	210	EP		9	1	19.03	1.59						1.0
ARNB	SN	303	210	ES		9	1	49.57	-3.11						1.0
ARNB	SZ	303	210	AML		9	2	1.03		116	0.6				
ARNB	SE	303	210	AML		9	2	1.47		235	0.5				
ARNB	SN	303	210	AML		9	2	2.38		232	0.6				
MZRK	SZ	380	134	EP		9	1	27.69	0.73						1.0
MZRK	SE	380	134	AML		9	2	17.50		289	0.9				
MZRK	SZ	380	134	AML		9	2	20.73		163	0.4				
MZRK	SN	380	134	AML		9	2	21.22		468	0.5				
SALA	SZ	620	188	EP		9	1	55.13	-2.28						1.0
SALA	SN	620	188	ES		9	3	14.36	10.54						1.0

**January 30 2009 Hour: 9: 0 33.1 Lat: 38.13N Lon: 37.85E Depth: 0 Agency: NEC Local**  
**Magnitudes: 3.4ML NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DRWC	SZ	198	212	AML		9	2	5.04		879	0.4				
DRWC	SE	198	212	AML		9	2	9.73		463	0.4				
DRWC	SN	198	212	AML		9	2	11.44		919	0.4				
SALM	SZ	213	178	EP		9	1	7.48	0.39						1.0
BTCH	SZ	263	208	EP		9	1	13.26	-0.22						1.0
BTCH	SN	263	208	AML		9	1	50.83		497	0.4				
KBSD	SZ	269	117	EP		9	1	14.56	0.61						1.0
KBSD	SE	269	117	AML		9	2	0.55		416	0.4				

MNKR	SZ	274	152	EP	9	1	14.32	-0.35									1.0
MNKR	SE	274	152	AML	9	1	51.96			1318	0.2						
MNKR	SN	274	152	AML	9	1	56.58			602	0.6						
MNKR	SZ	274	152	AML	9	1	58.68			1964	0.4						
SFNV	SZ	276	133	EP	9	1	14.51	-0.73									1.0
SFNV	SN	276	133	ES	9	1	48.33	0.23									1.0
SFNV	SZ	276	133	AML	9	1	54.69			452	0.4						
SFNV	SE	276	133	AML	9	1	57.83			636	0.9						
SFNV	SN	276	133	AML	9	1	58.75			530	0.3						
ARNB	SZ	302	214	EP	9	1	18.58	0.41									1.0
ARNB	SZ	302	214	AML	9	2	0.99			116	0.6						
ARNB	SN	302	214	AML	9	2	2.42			232	0.6						
MZRK	SZ	358	135	EP	9	1	24.91	-0.14									1.0
MZRK	SE	358	135	AML	9	2	17.62			289	0.9						
MZRK	SZ	358	135	AML	9	2	20.70			163	0.4						
MZRK	SN	358	135	AML	9	2	21.43			468	0.5						
BARB	SZ	551	199	EP	9	1	49.16	-0.20									1.0
BARB	SZ	551	199	AML	9	3	14.09			56	0.7						
BARB	SN	551	199	AML	9	3	16.50			37	0.6						
BARB	SE	551	199	AML	9	3	18.72			42	0.7						

January 30 2009 Hour: 9: 0 36.3 Lat: 37.82N Lon: 37.95E Depth: 6 Agency: NEC Local  
Magnitudes: 3.4ML NEC Rms: 1.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SALM	SZ	178	181	EP		9	1	6.65	1.48						1.0
SALM	AZ	178	181	EP		9	1	7.15							
SALM	SE	178	181	AML		9	1	29.94		1377	0.3				
SALM	SN	178	181	AML		9	1	30.68		1353	0.5				
SALM	AZ	178	181	AML		9	1	33.59		781	0.5				
SALM	SZ	178	181	AML		9	1	33.59		831	0.5				
MNKR	SE	239	150	AML		9	1	51.93		1318	0.2				
BTCH	SE	239	214	AML		9	1	48.48		712	0.4				
BTCH	SN	239	214	AML		9	1	50.78		497	0.4				
MNKR	SZ	239	150	IP		9	1	13.06	0.32						1.0
BTCH	SZ	239	214	EP		9	1	12.82	0.01						1.0
MNKR	SN	239	150	AML		9	1	56.57		602	0.6				
MNKR	SZ	239	150	AML		9	1	58.71		1964	0.4				
BTCH	SZ	239	214	AML		9	2	1.14		391	0.4				
JHLN	SZ	243	170	EP		9	1	11.44	-1.66						1.0
JHLN	SN	243	170	ES		9	1	42.94	1.13						1.0
JHLN	SN	243	170	AML		9	1	50.25		552	0.5				
JHLN	SZ	243	170	AML		9	1	55.64		292	0.6				
SFNV	SZ	246	129	EP		9	1	14.57	0.63						1.0
SFNV	SZ	246	129	AML		9	1	54.70		452	0.4				
SFNV	SE	246	129	AML		9	1	57.84		636	0.9				
KBSD	SZ	247	111	EP		9	1	13.55	0.02						1.0
KBSD	SZ	247	111	AML		9	1	57.12		256	0.8				
KBSD	SE	247	111	AML		9	2	0.54		416	0.4				
KBSD	SN	247	111	AML		9	2	1.81		379	0.3				
ARNB	SZ	280	220	EP		9	1	19.12	1.29						1.0
ARNB	SN	280	220	ES		9	1	49.47	-0.76						1.0
ARNB	SZ	280	220	AML		9	2	1.04		116	0.6				
ARNB	SN	280	220	AML		9	2	2.39		232	0.6				
KSRV	SZ	301	161	EP		9	1	15.43	-5.09						1.0
KSRV	SE	301	161	AML		9	1	55.80		251	0.7				
KSRV	SZ	301	161	AML		9	1	58.69		360	0.3				
MZRK	SZ	327	132	EP		9	1	25.02	1.38						1.0
MZRK	SE	327	132	AML		9	2	17.64		289	0.9				
MZRK	SZ	327	132	AML		9	2	20.67		163	0.4				
MZRK	SN	327	132	AML		9	2	21.45		468	0.5				
ZALF	SZ	546	186	EP		9	1	52.72	1.27						1.0

**January 30 2009 Hour: 17:49 40.2 Lat: 36.38N Lon: 40.88E Depth: 40 Agency: NEC Local**  
**Magnitudes: 2.6ML NEC Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MZRK	SZ	64	199	EP		1749	52.04	0.14							1.0
MZRK	SE	64	199	ES		1750	0.93	-0.13							1.0
SFNV	SZ	70	274	EP		1749	52.88	-0.11							1.0
SFNV	SN	70	274	ES		1750	3.28	0.28							1.0
SFNV	SZ	70	274	AML		1750	18.57		259	0.4					
KBSD	SZ	76	337	EP		1749	53.91	0.64							1.0
KBSD	SE	76	337	ES		1750	2.96	-0.53							1.0
KBSD	SZ	76	337	AML		1750	13.06		297	0.5					
KSRV	SZ	211	234	EP		1750	9.98	-0.29							1.0
KSRV	SZ	211	234	AML		1750	37.59		68	0.5					

**January 31 2009 Hour: 1:24 9.6 Lat: 35.39N Lon: 40.64E Depth: 16 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
MZRK	SZ	48	1	EP		124	18.22	0.06							1.0
SFNV	SZ	124	337	EP		124	30.55	0.64							1.0
SFNV	SZ	124	337	AML		125	10.30		91	0.5					
MNKR	SZ	138	297	EP		124	31.56	-0.20							1.0
MNKR	SE	138	297	ES		124	48.66	-0.41							1.0
KSRV	SZ	150	264	EP		124	33.43	-0.01							1.0
KSRV	SZ	150	264	AML		124	54.73		48	0.3					
KBSD	SZ	179	357	EP		124	36.03	-1.25							1.0
KBSD	SE	179	357	ES		124	59.28	0.38							1.0
KBSD	SZ	179	357	AML		125	2.15		61	0.2					
SALM	SZ	262	291	EP		124	48.59	0.78							1.0



الاحداث المسجلة بالشبكة الوطنية للرصد الزلزالي حسب التوقيت العالمي

NO	Year	month	day	Hour	Minute	Second	lat(N)	lon(E)	depth	MI
1	2009	1	3	12	42	14.1	32.482	36.187	5.6	1.8
2	2009	1	3	14	10	5.2	33.913	37.773	1.7	1.8
3	2009	1	3	20	28	6.4	35.319	36.087	0	2.6
4	2009	1	4	11	17	12.6	34.438	36.775	3.5	2.1
5	2009	1	4	12	33	54.9	37.374	38.817	20.5	3
6	2009	1	5	11	2	16	33.438	36.548	2	1.4
7	2009	1	6	95	8	56.7	34.404	36.639	64.4	1.7
8	2009	1	6	11	6	45.2	33.703	36.85	18.1	1.6
9	2009	1	6	11	12	15.9	33.677	36.754	5.5	1.8
10	2009	1	6	13	10	17.7	35.442	37.23	21.3	2.3
11	2009	1	6	13	35	13.4	34.218	37.887	20.3	1.5
12	2009	1	8	24	0	38.2	37.801	38.241	143	2.6
13	2009	1	8	37	0	40.5	33.949	47.87	155.9	3.6
14	2009	1	8	38	0	18.6	37.365	45.756	5	3.3
15	2009	1	8	38	0	20.7	37.513	44.77	105.1	3.2
16	2009	1	8	38		20.1	36.529	44.987	37.4	3
17	2009	1	8	11	36	33.2	34.496	38.441	38	2
18	2009	1	9	18	49	55.4	34.394	36.149	39.3	2.1
19	2009	1	10	18	30	22.9	35.675	28.646	0	3.3
20	2009	1	11	11	19	47.9	33.509	35.729	7	2.1
21	2009	1	11	11	20	4.8	33.92	37.007	0	2.3
22	2009	1	11	12	53	33.6	32.357	36.039	1.8	1.5
23	2009	1	12	20	4	40.6	34.252	33.481	36.1	3.4
24	2009	1	12	20	4	40.4	34.307	33.7	17.3	3.7
25	2009	1	12	11	27	45.5	33.766	36.908	0	1.2
26	2009	1	12	23	40	24.8	38.202	38.429	0	3.5
27	2009	1	13	11	0	30.3	41.171	37.381	35.7	2.7
28	2009	1	13	61	2	48.6	36.837	27.628	94	4.2
30	2009	1	13	16	16	28.9	33.447	35.881	56	1.6
31	2009	1	13	16	29	43.2	33.259	36.352	0	1.5
32	2009	1	13	18	35	1.1	33.718	36.245	0	0.9
33	2009	1	14	11	5	30.3	34.337	36.622	0	2.2
34	2009	1	14	15	35	12.8	36.821	40.49	11.4	1.7
35	2009	1	14	18	58	8	36.044	36.759	45.3	1.7
36	2009	1	14	18	58	9.3	36.287	36.138	0	1.7
37	2009	1	14	18	58	9.9	36.281	36.138	5	1.7
38	2009	1	15	65	5	7.6	37.338	38.608	10.7	2.3
39	2009	1	15	85	6	9.8	35.928	35.785	11.7	1.7
40	2009	1	15	11	49	7	35.85	36.33	5.8	1.8
41	2009	1	15	15	16	2.1	36.414	38.463	81.2	2.2
42	2009	1	16	18	1	56.7	36.404	40.863	0	2.8
43	2009	1	17	74	5	27.5	37.177	36.352	21	4.3
44	2009	1	17	12	42	19.6	37.051	36.38	19.7	2.6
45	2009	1	17	22	28	15.6	37.163	36.312	21.7	2.4
46	2009	1	17	22	28	15.9	37.041	36.464	0	2.5
47	2009	1	17	23	22	0.2	33.635	36.321	7.8	1.6
48	2009	1	19	13	9	31.9	35.468	40.213	30	2.1
49	2009	1	19	94	0	40.4	35.256	40.492	0	2.7
50	2009	1	19	10	10	54.6	35.271	37.004	1.8	1.9

51	2009	1	19	11	18	6.6	33.816	36.804	19	1.2
52	2009	1	19	12	53	30.1	34.45	36.725	22.1	1.8
53	2009	1	19	15	46	58.3	36.385	40.784	51	2.4
54	2009	1	19	23	2	13.5	36.689	26.52	0	3.4
55	2009	1	19	23	2	22.8	35.046	26.854	5	3.6
56	2009	1	20	10	2	21.1	36.997	36.4	7.1	2.6
57	2009	1	21	35	2	36.7	36.373	40.849	19.8	2.8
58	2009	1	21	64	1	1.5	32.725	34.287	37.6	3.3
59	2009	1	21	83	2	12	35.187	35.462	14.7	2.7
60	2009	1	21	10	59	23.9	34.539	36.862	37.9	1.7
61	2009	1	21	10	59	26.1	34.22	36.801	0.1	1.5
62	2009	1	21	17	35	46.8	35.097	38.567	27.5	1.7
63	2009	1	21	17	35	57.1	36.447	38.226	31.1	1.9
64	2009	1	21	23	30	20	36.426	40.904	0.1	2.2
65	2009	1	22	42	5	13.3	36.361	35.71	0	2.5
66	2009	1	22	42	5	13.5	36.603	35.569	19.2	2.5
67	2009	1	22	42	5	19.8	36.336	35.934	18.6	2.6
68	2009	1	22	44	2	58.8	36.419	35.647	0	3.4
69	2009	1	22	44	3	2.9	36.288	35.84	27	3.3
70	2009	1	22	44	3	2.7	36.244	35.874	1.5	3.3
71	2009	1	22	44	3	6.3	36.08	35.886	31.1	3.3
72	2009	1	22	15	2	20.7	37.031	40.194	81.8	1.4
73	2009	1	23	73	9	21.3	34.978	34.269	39.3	2.5
74	2009	1	23	73	9	22.1	35.037	34.273	27.3	2.3
75	2009	1	23	73	9	21.8	35.222	34.694	9.1	2.4
76	2009	1	23	12	3	52.6	37.353	41.458	11.8	2
77	2009	1	23	21	26	29.5	36.713	43.182	0	2.3
78	2009	1	25	31	3	38.6	36.677	38.88	10.5	1.7
79	2009	1	25	15	35	40	32.909	35.746	65.7	2.9
80	2009	1	27	95	0	43	35.732	36.224	7.7	1.4
81	2009	1	27	18	14	7	36.229	36.064	51.6	2.8
82	2009	1	27	23	54	44.4	37.27	39.309	38	1.5
83	2009	1	28	50	8	16.5	32.987	35.717	9.5	1.3
84	2009	1	28	20	40	57.9	35.118	40.287	23.8	2.1
85	2009	1	28	20	41	0.4	35.237	40.721	12.9	2.1
86	2009	1	28	23	59	13.2	35.787	29.228	221	4.4
87	2009	1	28	23	59	14	35.652	28.981	36.1	4.3
88	2009	1	28	23	59	19.9	35.613	29.726	179.9	4.4
89	2009	1	28	23	59	20.1	35.433	29.65	166.4	4
90	2009	1	28	23	59	21.8	35.532	30.058	0	4
91	2009	1	29	70	5	1	36.372	35.595	10.8	2.3
92	2009	1	29	12	26	53.6	33.83	36.649	13.3	2
93	2009	1	29	13	29	32.3	37.956	37.274	115.8	2.3
94	2009	1	29	15	12	53.8	36.642	38.397	59.3	1.9
95	2009	1	29	19	7	47.3	33.58	36.537	0	
96	2009	1	29	22	10	47.7	36.788	42.834	38.7	2.6
97	2009	1	29	23	41	17.2	36.47	38.817	44.5	2
98	2009	1	30	90	0	32.3	38.247	37.635	0	3.5
99	2009	1	30	90	0	33.1	38.132	37.847	0	3.4
100	2009	1	30	90	0	36.3	37.821	37.954	6.4	3.4
101	2009	1	30	17	49	40.2	36.375	40.878	40.6	2.6
102	2009	1	31	12	4	9.6	35.393	40.641	16	2.3

# الاحداث الزلزالية المسجلة بالشبكة الوطنية للرصد الزلزالي خلال شهر كانون الثاني 2009

