

# *Seismological Bulletin*

*Iranian National Broad-Band Seismic Network  
(INSN)*

*January to March 2007*

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## GENERAL BULLETIN INFORMATION

### LOCATION PROGRAM AND VELOCITY MODEL

The location program used for locating earthquakes is Hypocenter (Lienert et al.,1986). As a general policy, neither depths nor epicenters are fixed unless stated. No station corrections are used for travel time calculations.

Plane parallel layers are assumed for local and regional events, while the IASPEI travel time tables are used for distant events (Epicentral distance larger than 15 degrees).The model used for all local and regional events, is:  
(Doloei and Roberts, 2003; Kaviani, 2004;Tatar, 2001):

P-wave velocity (km/sec)	depth to top of layer (km)
5.4	0.0
5.9	6.0
6.3	14.0
6.5	18.0
8.05	46.0 (Moho)
8.1	80.0

The  $V_p/V_s$  velocity ratio used in layered models above is 1.73 (Tatar, 2001).

### MAGNITUDE RELATION

After instrumental correction the maximum ground amplitudes  $A(nm)$  is used to calculate local magnitude  $M_l$  applying the following formula (Hutton and Boore, 1987):

$$M_l = \log(A) + 1.1 \cdot \log(D) + 0.00189 \cdot D - 2.09$$

where  $D$  is the hypocentral distance in km.This relation is valid for hypocentral distances between 10 and 700 km. All available amplitudes are used for magnitude calculations. No station corrections are used for magnitude calculations.

### STATION COORDINATES

The stations listed below are those operated by Seismology Department of the International Institute of Earthquake Engineering and Seismology (IIIES).

STATION	LATITUDE	LONGITUDE	ALTITUDE(m)	NAME
ASAO	3432.88N	5001.52E	2217	Ashtian
BNDS	2723.96N	5610.28E	1500	Bandar Abbas
CHTH	3554.48N	5107.56E	2250	charan
DAMV	3537.82N	5158.26E	2300	Damavand
GHIR	2817.13N	5259.20E	1200	Ghir
GHVR	3428.80N	5114.72E	0927	Qom
GRMI	3848.59N	4753.63E	1300	Germi
KRBA	2958.93N	5645.63E	2576	Bardsir
MAKU	3921.29N	4441.00E	1730	Maku
MRVT	3739.56N	5605.36E	870	Maraveh tapeh
NASN	3247.95N	5248.50E	2800	Naein
SHGR	3206.50N	4848.08E	150	Shushtar
SNGE	3505.55N	4720.82E	1940	Sannandaj
THKV	3554.94N	5052.73E	1795	Kavosh
ZHSF	2936.66N	6046.52E	1575	Zahedan

## ABBREVIATIONS

TIME: Origin time in UTC (hour, minute, and seconds)  
LAT: Latitude of epicenter (degree-minute)  
LON: Longitude of epicenter (degree-minute)  
DEPTH: Focal depth in kilometer (F indicates fixed depth)  
AGENCY: Hypocenter reporting agency  
MAGNITUDES: Up to 3 different magnitudes can be given followed by type and reporting agency  
RMS: Root mean square value of travel time residuals (seconds)  
STAT: Station code  
CO: Component, S: short period, L: long period, B: broadband,  
DIST: Epicenter distance (km)  
AZI: Azimuth from source to station  
PHAS: Phase; The first letter characterizes onset E(mergent) or I(impulsive)  
P: Polarity ( C for compression, D for dilatation )  
HR: Hour  
MN: Minute  
SECON: Seconds  
TRES: Residual (seconds)  
CODA: Signal duration in seconds  
AMPL: Ground Amplitude (0.5\*(peak to peak)), (nm) at period PERI  
PERI: Period where amplitude is measured  
BAZ: Back azimuth (station to event)  
ARES: Back azimuth residual  
VELO: Apparent phase velocity (km/sec)  
WT: Weight of phase in the location  
\*: An 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

- Doloei, J. and R. Roberts (2003). Crustal and uppermost mantle structure of Tehran region from teleseismic P-waveform receiver function analysis, *Tectonophysics*, 364, 115-133.
- Hutton, L. K. and D. M. Boore (1987). The ML scale in Southern California, *Bull. Seism. Soc. Am.*, 77, No. 6, pp. 2074-2094.
- Kaviani, A. (2004). La chaîne de collision continentale du Zagros (Iran): structure lithosphérique par analyse de données sismologiques. Ph.D. Thesis, University of Joseph Fourier-Grenoble I.
- Lienert, B.R., E. Berg, and L.N. Frazer (1986). Hypocenter: An earthquake location method using centered, scaled, and adaptively least squares, *Bull. Seism. Soc. Am.*, 76., pp 771-783.
- Tatar M. (2001). Etude sismotectonique de deux zones de collision continentale: le Zagros Central et l'Alborz, Ph.D. thesis, University of Joseph Fourier-Grenoble I.

**January 1 2007 Hour: 20: 0 8.9 Lat: 31.36N Lon: 49.91E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	134	308	EPg		20	0	30.97							1.0
SHGR	BE	134	308	ESg		20	0	47.51							1.0
SHGR	BN	134	308	AML		20	0	54.28		432	0.5				
NASN	BZ	317	59	EPn		20	0	56.27							1.0
ASAO	BZ	353	2	EPn		20	1	0.62							0.9
ASAO	BE	353	2	ESg		20	1	48.03							0.9
ASAO	BE	353	2	AML		20	1	51.97		29	0.5				
ASAO	BN	353	2	AML		20	1	58.37		48	0.7				

**January 1 2007 Hour: 20: 3 24.3 Lat: 28.20N Lon: 54.30E Depth: 17 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	129	275	EPg		20	3	45.95							1.0
GHIR	BE	129	275	AML		20	4	5.39		110	0.1				
GHIR	BN	129	275	AML		20	4	12.04		88	0.4				
BNDS	BZ	205	115	EPg		20	3	57.93							1.0
KRBR	BZ	311	50	EPn		20	4	10.51							1.0
KRBR	BE	311	50	ESg		20	4	51.77							1.0
KRBR	BN	311	50	AML		20	4	59.23		18	0.4				
KRBR	BE	311	50	AML		20	5	7.12		21	0.5				

**January 2 2007 Hour: 0:32 54.8 Lat: 28.06N Lon: 51.51E Depth: 32 Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	147	80	EPg		033	19.01	0.0							1.0
GHIR	BN	147	80	ESg		033	36.69	0.0							1.0
GHIR	BN	147	80	AML		033	40.78			1759	0.5				
GHIR	BE	147	80	AML		033	41.44			1593	0.4				
BNDS	BZ	465	98	EPn		033	58.65	-0.1							0.8
BNDS	BN	465	98	AML		035	33.69			41	0.9				
NASN	BZ	541	13	EPn		034	8.11	-0.2							0.8
KRBR	BZ	554	66	EPn		034	10.03	0.1							0.8
ASAO	BZ	734	349	EPn		034	32.36	0.2							0.6

**January 2 2007 Hour: 8:29 13.0 Lat: 32.60N Lon: 48.45E Depth: 17 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	63	149	EPg		829	24.23	0.0							1.0
SHGR	BE	63	149	AML		829	46.89			269	0.3				
SHGR	BN	63	149	AML		829	48.15			164	0.5				
ASAO	BZ	261	34	EPn		829	53.24	0.2							1.0
ASAO	BE	261	34	AML		830	31.64			27	0.8				
ASAO	BN	261	34	AML		830	33.42			27	0.8				
SNGE	BZ	295	340	EPn		829	57.20	0.0							1.0
SNGE	BN	295	340	ESg		830	36.19	0.0							1.0
SNGE	BN	295	340	AML		830	39.77			20	0.6				
NASN	BZ	409	86	EPn		830	11.29	-0.2							0.9

**January 2 2007 Hour: 23:17 15.6 Lat: 29.38N Lon: 51.35E Depth: 15F Agency: INS Local**  
**Magnitudes: 4.0ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	201	127	EPg		2317	48.43	-0.2							1.0
GHIR	BE	201	127	ESg		2318	12.75	0.0							1.0
GHIR	BE	201	127	AML		2318	18.77			1919	0.2				
GHIR	BN	201	127	AML		2318	19.28			2403	0.7				
SHGR	BZ	388	322	EPn		2318	11.87	0.5							0.9
SHGR	BN	388	322	AML		2319	14.96			180	1.0				
NASN	BZ	404	20	EPn		2318	13.81	0.2							0.9
KRBR	BZ	528	81	EPn		2318	29.44	0.4							0.8
KRBR	BN	528	81	AML		2319	57.50			77	0.8				

KRBR	BE	528	81	AML		2320	1.33			129	1.2				
ASAO	BZ	586	348	EPn		2318	35.20	-1.1							0.8

**January 3 2007 Hour: 7:49 10.5 Lat: 32.27N Lon: 55.52E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.0ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BZ	261	284	EPn		749	50.94	0.0							1.0
NASN	BN	261	284	ESg		750	24.38	-0.1							1.0
NASN	BN	261	284	AML		750	28.31			1121	0.3				
KRBR	BZ	280	155	EPn		749	53.11	-0.1							1.0
KRBR	BN	280	155	ESg		750	29.68	0.1							1.0
KRBR	BN	280	155	AML		750	32.45			809	0.7				
KRBR	BE	280	155	AML		750	40.00			455	0.4				
DAMV	BZ	496	320	EPn		750	19.96	-0.1							0.8
DAMV	BE	496	320	AML		751	41.35			145	0.6				
ASAO	BZ	570	298	EPn		750	29.56	0.4							0.8
CHTH	BZ	572	316	EPn		750	29.14	-0.3							0.8
CHTH	BE	572	316	AML		752	5.61			40	0.6				
ZHSF	BZ	582	119	EPn		750	30.29	-0.3							0.8
THKV	BZ	589	315	EPn		750	31.91	0.4							0.8
THKV	BE	589	315	AML		752	10.82			105	0.6				
THKV	BN	589	315	AML		752	22.94			100	0.6				

**January 4 2007 Hour: 13:52 48.4 Lat: 38.86N Lon: 46.01E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.8ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MAKU	BZ	127	296	EPg		1353	9.73	-0.1							1.0
MAKU	BN	127	296	ESg		1353	25.45	0.1							1.0
MAKU	BE	127	296	AML		1353	30.95			2040	0.5				
MAKU	BN	127	296	AML		1353	31.09			2551	0.2				
GRMI	BZ	164	91	EPg		1353	15.51	-0.1							1.0
GRMI	BN	164	91	ESg		1353	35.58	0.1							1.0
GRMI	BN	164	91	AML		1353	38.28			927	0.3				
SNGE	BZ	435	164	EPn		1353	50.23	0.0							0.9
THKV	BZ	541	126	EPn		1354	3.52	0.1							0.8
THKV	BE	541	126	AML		1355	25.41			81	0.7				
THKV	BN	541	126	AML		1355	32.28			87	0.6				
CHTH	BZ	559	124	EPn		1354	5.60	-0.1							0.8
CHTH	BN	559	124	ESg		1355	24.26	0.0							0.8

**January 5 2007 Hour: 3:16 5.7 Lat: 26.63N Lon: 54.61E Depth: 36 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	177	61	EPg		316	34.55	0.0							1.0
BNDS	BN	177	61	ESg		316	55.61	0.0							1.0
BNDS	BN	177	61	AML		316	56.85			360	0.5				
GHIR	BZ	244	319	EPg		316	44.81	0.0							1.0
GHIR	BN	244	319	ESg		317	13.42	0.0							1.0
GHIR	BN	244	319	AML		317	23.48			167	0.4				
GHIR	BE	244	319	AML		317	25.45			183	0.4				
KRBR	BZ	427	29	EPn		317	4.67	0.1							0.9
NASN	BZ	706	346	EPn		317	39.11	-0.1							0.7

**January 6 2007 Hour: 16:33 16.8 Lat: 28.27N Lon: 51.12E Depth: 40 Agency: INS Local**  
**Magnitudes: 3.9ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	183	89	EPg		1633	46.53	-0.1							1.0
GHIR	BN	183	89	ESg		1634	8.54	0.1							1.0
GHIR	BE	183	89	AML		1634	10.92			1132	0.5				
GHIR	BN	183	89	AML		1634	10.97			1276	0.6				
BNDS	BZ	507	100	EPn		1634	24.80	-0.3							0.8
NASN	BZ	527	17	EPn		1634	27.01	-0.8							0.8
KRBR	BZ	580	70	EPn		1634	35.00	0.6							0.8
ASAO	BZ	704	352	EPn		1634	50.12	0.5							0.7

SNGE BZ 836 336 EPn 1635 6.47 0.4 0.6

**January 6 2007 Hour: 16:46 6.9 Lat: 34.22N Lon: 48.93E Depth: 17 Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	107	70	EPg		1646	25.33	0.1							1.0
ASAO	BE	107	70	ESg		1646	38.52	-0.1							1.0
ASAO	BN	107	70	AML		1646	39.57			178	0.3				
ASAO	BE	107	70	AML		1646	39.72			165	0.3				
SNGE	BZ	174	304	EPg		1646	35.75	-0.1							1.0
SNGE	BN	174	304	ESg		1646	56.95	0.0							1.0
SNGE	BN	174	304	AML		1646	58.81			53	0.2				
CHTH	BZ	274	46	EPn		1646	48.66	0.1							1.0
DAMV	BZ	319	60	EPn		1646	53.98	-0.1							0.9

**January 7 2007 Hour: 12:46 9.5 Lat: 28.53N Lon: 52.51E Depth: 11F Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	54	120	EPg		1246	18.79	-0.5							1.0
GHIR	BN	54	120	ESg		1246	26.80	0.4							1.0
GHIR	BE	54	120	AML		1246	45.64			1404	0.8				
GHIR	BN	54	120	AML		1246	45.85			1363	0.5				
BNDS	BZ	382	108	EPn		1247	5.27	0.2							0.9
BNDS	BE	382	108	AML		1248	30.88			48	0.4				
KRBR	BZ	443	68	EP		1247	12.48	-0.4							0.9
NASN	BZ	474	3	EPn		1247	16.90	0.2							0.8
ASAO	BZ	707	341	EPn		1247	45.95	0.3							0.7

**January 7 2007 Hour: 15:32 22.2 Lat: 33.86N Lon: 56.39E Depth: 15 Agency: INS Local**  
**Magnitudes: 4.1ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BZ	354	251	EPn		1533	14.20	0.1							1.0
NASN	BN	354	251	AML		1534	19.57			442	0.7				
MRVT	BZ	422	356	EPn		1533	22.45	0.2							0.9
KRBR	BZ	432	175	EPn		1533	23.62	-0.1							0.9
DAMV	BZ	449	297	EPn		1533	25.57	-0.3							0.9
DAMV	BE	449	297	AML		1534	35.35			327	0.5				
DAMV	BN	449	297	AML		1534	59.15			232	0.9				
CHTH	BZ	532	297	EPn		1533	35.85	-0.3							0.9
THKV	BZ	553	296	EPn		1533	38.80	0.2							0.8
ASAO	BZ	591	279	EPn		1533	43.66	0.2							0.8
ASAO	BE	591	279	AML		1535	24.43			92	0.6				
ASAO	BN	591	279	AML		1535	29.21			102	0.6				
GHIR	BZ	698	209	EPn		1533	56.86	0.2							0.7
BNDS	BZ	717	182	EPn		1533	58.91	-0.1							0.7

**January 7 2007 Hour: 15:57 33.4 Lat: 28.52N Lon: 52.44E Depth: 11 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	60	115	EPg		1557	44.32	0.2							1.0
GHIR	BE	60	115	ESg		1557	51.68	-0.2							1.0
GHIR	BN	60	115	AML		1557	54.33			4126	0.6				
GHIR	BE	60	115	AML		1557	55.35			3911	0.4				
BNDS	BZ	388	108	EPn		1558	29.69	0.0							0.9
BNDS	BN	388	108	AML		1559	37.92			71	0.5				
BNDS	BE	388	108	AML		1559	43.13			75	0.4				
KRBR	BZ	451	68	EPn		1558	37.88	0.2							0.9
KRBR	BN	451	68	AML		16	0	6.94		36	0.6				
NASN	BZ	476	4	EP		1558	40.90	0.0							0.8
ASAO	BZ	707	342	EP		1559	9.09	-0.4							0.7
ASAO	BN	707	342	AML		16	0	36.78		8	0.9				

**January 7 2007 Hour: 18:25 17.2 Lat: 33.69N Lon: 56.60E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BZ	367	255	EPn		1826	11.10	0.3							1.0
KRBR	BZ	412	178	EPn		1826	15.98	-0.3							1.0
KRBR	BE	412	178	AML		1827	31.81			76	0.6				
KRBR	BN	412	178	AML		1827	32.52			70	0.3				
MRVT	BZ	442	354	EPn		1826	19.83	0.0							0.9
THKV	BZ	579	297	EPn		1826	36.77	-0.1							0.8
THKV	BE	579	297	AML		1828	15.03			28	0.8				
ZHSF	BZ	601	138	EPn		1826	39.94	0.3							0.8
ASAO	BZ	614	281	EPn		1826	41.17	-0.2							0.8
ASAO	BN	614	281	AML		1828	23.00			14	0.8				

**January 7 2007 Hour: 22:18 4.2 Lat: 32.88N Lon: 47.49E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	150	124	EPg		2218	28.63	-0.3							1.0
SHGR	BN	150	124	ESg		2218	47.26	0.2							1.0
SHGR	BE	150	124	AML		2219	0.97			572	0.4				
ASAO	BZ	299	51	EPn		2218	49.24	0.0							1.0
ASAO	BE	299	51	ESg		2219	28.42	-0.1							1.0
ASAO	BE	299	51	AML		2219	44.01			133	0.6				
THKV	BZ	459	42	EPn		2219	9.22	0.2							0.8
THKV	BN	459	42	AML		2220	21.40			39	0.6				
THKV	BE	459	42	AML		2220	21.76			36	0.6				
CHTH	BZ	474	44	EPn		2219	11.13	0.1							0.8
CHTH	BN	474	44	AML		2220	27.05			20	0.7				
DAMV	BZ	513	52	EPn		2219	15.87	0.0							0.8
DAMV	BE	513	52	AML		2220	34.58			28	0.5				
DAMV	BN	513	52	AML		2220	35.76			26	0.8				

**January 9 2007 Hour: 1:35 6.4 Lat: 30.57N Lon: 49.60E Depth: 30 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	186	336	EPg		135	36.49	0.0							1.0
SHGR	BE	186	336	ESg		135	58.41	0.0							1.0
SHGR	BE	186	336	AML		136	4.96			214	0.4				
SHGR	BN	186	336	AML		136	7.47			239	0.4				
NASN	BZ	392	50	EPn		136	1.45	-0.1							0.9
ASAO	BZ	443	5	EPn		136	7.84	0.1							0.9
ASAO	BE	443	5	AML		137	10.24			18	0.6				
SNGE	BZ	544	338	EPn		136	20.15	-0.1							0.8
DAMV	BZ	603	21	EPn		136	27.71	0.0							0.7

**January 9 2007 Hour: 7: 6 22.1 Lat: 31.71N Lon: 48.16E Depth: 9 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	75	53	EPg		7 6	35.34	0.1							1.0
SHGR	BN	75	53	ESg		7 6	44.83	-0.1							1.0
SHGR	BN	75	53	AML		7 6	55.65			296	0.4				
ASAO	BZ	360	28	EPn		7 7	15.54	0.3							0.9
ASAO	BN	360	28	AML		7 8	12.20			12	0.7				
SNGE	BZ	383	349	EPn		7 7	17.94	-0.2							0.9
SNGE	BE	383	349	AML		7 8	0.74			7	0.5				
NASN	BZ	454	73	EPn		7 7	26.94	-0.1							0.8

**January 10 2007 Hour: 22:27 33.3 Lat: 26.26N Lon: 55.11E Depth: 18 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	164	40	EPg		2228	0.51	0.0							1.0
BNDS	BN	164	40	ESg		2228	20.51	0.1							1.0
BNDS	BE	164	40	AML		2228	24.93			348	0.4				
BNDS	BN	164	40	AML		2228	31.93			408	0.6				
GHIR	BZ	308	317	EPn		2228	19.03	0.1							1.0
GHIR	BE	308	317	ESg		2228	59.74	0.0							1.0
GHIR	BE	308	317	AML		2229	13.75			30	0.5				
KRBR	BZ	443	21	EPn		2228	35.72	-0.2							0.9
KRBR	BE	443	21	AML		2229	34.59			15	0.9				
KRBR	BN	443	21	AML		2229	35.53			17	0.7				

**January 10 2007 Hour: 23:47 7.4 Lat: 37.36N Lon: 53.88E Depth: 41 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MRVT	BZ	198	80	EPg		2347	39.69	0.1							1.0
MRVT	BN	198	80	ESg		2348	3.01	-0.1							1.0
DAMV	BZ	257	222	EPn		2347	44.78	0.0							1.0
DAMV	BE	257	222	ESg		2348	18.98	0.0							1.0
DAMV	BE	257	222	AML		2348	21.88			139	0.4				
DAMV	BN	257	222	AML		2348	23.69			96	0.4				
CHTH	BZ	294	238	EPn		2347	49.44	0.0							1.0
CHTH	BN	294	238	ESg		2348	28.66	-0.1							1.0
THKV	BZ	313	240	EPn		2347	51.63	0.0							1.0
THKV	BE	313	240	ESg		2348	33.55	0.0							1.0
THKV	BN	313	240	AML		2348	47.13			59	0.5				
THKV	BE	313	240	AML		2348	48.65			61	0.6				

**January 11 2007 Hour: 7:15 47.6 Lat: 31.28N Lon: 49.43E Depth: 38 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	109	327	EPg		716	6.15	0.0							1.0
SHGR	BE	109	327	AML		716	31.45			427	0.7				
NASN	BZ	361	61	EPn		716	37.99	-0.1							0.9
ASAO	BZ	366	9	EPn		716	38.86	0.2							0.9
ASAO	BE	366	9	ESg		717	27.87	0.0							0.9
ASAO	BN	366	9	AML		717	34.83			84	0.6				
ASAO	BE	366	9	AML		717	37.51			101	0.8				
SNGE	BZ	465	336	EPn		716	50.73	-0.2							0.8

**January 11 2007 Hour: 18:25 56.7 Lat: 37.67N Lon: 47.99E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	127	356	EPg		1826	17.74	-0.2							1.0
GRMI	BE	127	356	ESg		1826	33.57	0.1							1.0
GRMI	BE	127	356	AML		1826	39.65			893	0.6				
SNGE	BZ	292	192	EPn		1826	40.62	-0.2							1.0
SNGE	BE	292	192	AML		1827	18.40			117	0.5				
THKV	BZ	323	126	EPn		1826	44.84	0.1							0.9
THKV	BE	323	126	AML		1827	32.77			252	0.4				
CHTH	BZ	342	124	EPn		1826	47.42	0.3							0.9
CHTH	BZ	342	124	EPg		1826	52.09	-0.1							0.9
CHTH	BN	342	124	ESg		1827	32.61	-0.1							0.9
CHTH	BN	342	124	AML		1827	35.08			81	0.6				
MAKU	BZ	343	304	EPn		1826	47.42	0.2							0.9
ASAO	BZ	392	151	EPn		1826	53.02	-0.3							0.9
DAMV	BZ	422	121	EPn		1826	57.44	0.4							0.9



**January 12 2007 Hour: 2:30 37.9 Lat: 30.21N Lon: 51.75E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	245	150	EPn		231	16.22	0.0							1.0
GHIR	BE	245	150	ESg		231	47.27	0.0							1.0
GHIR	BE	245	150	AML		231	56.50			133	0.4				
NASN	BZ	304	19	EPn		231	23.70	0.0							1.0
KRBR	BZ	484	92	EPn		231	46.02	0.0							0.8
KRBR	BE	484	92	AML		233	8.58			22	0.7				
ASAO	BZ	507	342	EPn		231	48.91	0.0							0.8
ASAO	BN	507	342	AML		232	45.18			20	0.4				
ASAO	BE	507	342	AML		232	50.00			15	0.5				
DAMV	BZ	601	2	EPn		232	0.41	-0.1							0.7

**January 12 2007 Hour: 8: 0 19.5 Lat: 40.03N Lon: 45.09E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MAKU	BZ	82	205	EPg		8	0	33.68	-0.1						1.0
MAKU	BN	82	205	ESg		8	0	44.31	0.1						1.0
MAKU	BN	82	205	AML		8	0	49.71		2233	0.5				
MAKU	BE	82	205	AML		8	0	50.01		3535	0.5				
GRMI	BZ	277	118	EPn		8	1	1.78	0.1						1.0
GRMI	BN	277	118	ESg		8	1	37.47	0.0						1.0
GRMI	BN	277	118	AML		8	1	44.22		310	0.5				
GRMI	BE	277	118	AML		8	1	44.28		531	0.6				
SNGE	BZ	583	159	EPn		8	1	39.68	-0.1						0.8

**January 13 2007 Hour: 18:36 17.4 Lat: 35.68N Lon: 52.19E Depth: 16 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	20	254	EPg		1836	22.21	0.0							1.0
DAMV	BN	20	254	AML		1836	28.85			1470	0.6				
CHTH	BZ	99	285	EPg		1836	34.34	-0.1							1.0
THKV	BZ	121	283	EPg		1836	37.93	0.1							1.0
THKV	BN	121	283	ESg		1836	52.76	0.0							1.0
THKV	BN	121	283	AML		1836	56.60			205	0.4				
THKV	BE	121	283	AML		1836	57.15			169	0.3				
ASAO	BZ	234	238	EPg		1836	55.74	0.0							1.0
ASAO	BN	234	238	AML		1837	28.43			33	0.3				

**January 14 2007 Hour: 7:14 7.7 Lat: 28.17N Lon: 53.88E Depth: 9F Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	89	278	EPg		714	23.22	-0.1							1.0
GHIR	BN	89	278	ESg		714	34.87	0.1							1.0
GHIR	BE	89	278	AML		714	43.50			995	0.4				
GHIR	BN	89	278	AML		714	48.41			1017	0.4				
BNDS	BZ	241	110	EPn		714	46.13	0.0							1.0
BNDS	BN	241	110	AML		715	28.35			61	0.5				
KRBR	BZ	345	54	EPn		714	59.10	0.0							0.9

**January 14 2007 Hour: 20:35 54.8 Lat: 30.14N Lon: 51.12E Depth: 15 Agency: INS Local**  
**Magnitudes: 2.9ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	274	138	EPn		2036	36.53	0.0							1.0
GHIR	BE	274	138	AML		2037	26.92			28	0.8				
GHIR	BN	274	138	AML		2037	35.54			32	0.5				
SHGR	BZ	311	315	EPn		2036	41.09	0.1							1.0
SHGR	BN	311	315	AML		2037	24.60			159	0.6				
SHGR	BE	311	315	AML		2037	27.45			130	0.5				
NASN	BZ	336	28	EPn		2036	44.32	-0.1							1.0
NASN	BZ	336	28	EPg		2036	49.29	-0.1							1.0
NASN	BN	336	28	ESg		2037	29.37	0.1							1.0

NASN	BN	336	28	AML		2037	33.09			13	1.0						
NASN	BE	336	28	AML		2037	36.75			18	0.4						
ASAO	BZ	500	348	EPn		2037	4.73	0.0									0.8
ASAO	BN	500	348	AML		2038	7.62			19	0.6						
ASAO	BE	500	348	AML		2038	10.84			13	0.4						
SNGE	BZ	654	328	EPn		2037	23.60	-0.2									0.7

**January 15 2007 Hour: 21: 7 50.1 Lat: 38.93N Lon: 48.38E Depth: 29 Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	44	252	EPg		21	7	59.13	0.2						1.0
GRMI	BE	44	252	ESg		21	8	5.34	-0.1						1.0
GRMI	BN	44	252	AML		21	8	5.80		5674	0.2				
MAKU	BZ	323	279	EPn		21	8	36.48	-0.1						0.9
THKV	BZ	401	146	EPn		21	8	46.42	0.1						0.9
THKV	BN	401	146	AML		21	9	29.70		117	0.5				
THKV	BE	401	146	AML		21	9	30.92		147	0.3				
CHTH	BZ	415	143	EPn		21	8	47.82	-0.2						0.9
SNGE	BZ	436	192	EPn		21	8	50.93	0.3						0.9
DAMV	BZ	486	138	EPn		21	8	57.02	0.2						0.8
ASAO	BZ	508	163	EPn		21	8	59.35	-0.3						0.8

**January 16 2007 Hour: 2:39 29.3 Lat: 30.50N Lon: 51.69E Depth: 18 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BE	276	22	ESg		240	47.41	0.0							1.0
GHIR	BN	276	153	AML		241	8.17			107	0.6				
GHIR	BE	276	153	AML		241	10.83			91	0.6				
NASN	BZ	276	22	EPn		240	11.16	0.0							1.0
GHIR	BZ	276	153	EPn		240	11.00	0.1							1.0
ASAO	BZ	475	341	EPn		240	35.82	0.0							0.8
ASAO	BN	475	341	AML		241	31.12			18	0.6				
KRBR	BZ	491	95	EPn		240	37.82	-0.1							0.8
KRBR	BN	491	95	AML		242	1.62			13	0.8				
KRBR	BE	491	95	AML		242	2.69			21	0.8				

**January 16 2007 Hour: 3:53 27.2 Lat: 38.22N Lon: 48.18E Depth: 6 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	70	339	EPg		353	39.45	-0.1							1.0
GRMI	BN	70	339	ESg		353	48.68	0.1							1.0
GRMI	BN	70	339	AML		353	50.21			298	0.3				
GRMI	BE	70	339	AML		353	52.16			272	0.1				
MAKU	BZ	328	294	EPn		354	16.76	0.0							0.9
SNGE	BZ	355	192	EPn		354	20.17	0.0							0.9
SNGE	BN	355	192	AML		355	4.10			12	0.4				
SNGE	BE	355	192	AML		355	6.90			7	0.5				
CHTH	BZ	367	134	EPn		354	21.67	0.0							0.9
ASAO	BZ	440	157	EPn		354	30.75	0.0							0.9

**January 16 2007 Hour: 10:21 42.4 Lat: 36.30N Lon: 52.59E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	93	217	EPg		1021	58.25	-0.2							1.0
DAMV	BN	93	217	ESg		1022	10.24	0.0							1.0
DAMV	BN	93	217	AML		1022	12.31			205	0.5				
CHTH	BZ	139	252	EPg		1022	5.47	-0.2							1.0
THKV	BZ	160	255	EPg		1022	9.17	0.2							1.0
THKV	BN	160	255	ESg		1022	28.57	0.1							1.0
THKV	BE	160	255	AML		1022	36.61			84	0.5				
NASN	BZ	389	177	EPn		1022	38.89	0.2							0.9

**January 16 2007 Hour: 16:41 14.4 Lat: 28.01N Lon: 56.57E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	78	210	EPg		1641	27.92	0.0							1.0
BNDS	BN	78	210	AML		1641	43.95			353	0.3				
BNDS	BE	78	210	AML		1641	50.66			499	0.4				
KRBR	BZ	219	5	EPg		1641	50.43	0.0							1.0
GHIR	BZ	353	276	EPn		1642	6.14	0.2							0.9
GHIR	BE	353	276	ESg		1642	53.26	-0.1							0.9
GHIR	BE	353	276	AML		1643	8.14			22	0.6				
GHIR	BN	353	276	AML		1643	14.80			15	0.4				

**January 16 2007 Hour: 21:30 46.5 Lat: 34.67N Lon: 51.38E Depth: 16 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	120	27	EPg		2131	6.75	0.0							1.0
DAMV	BN	120	27	AML		2131	22.33			134	0.2				
DAMV	BE	120	27	AML		2131	22.45			201	0.1				
ASAO	BZ	125	264	EPg		2131	7.56	0.0							1.0
ASAO	BN	125	264	ESg		2131	22.94	0.0							1.0
CHTH	BZ	140	351	EPg		2131	9.94	0.0							1.0
CHTH	BN	140	351	ESg		2131	27.02	0.0							1.0
CHTH	BN	140	351	AML		2131	30.44			47	0.3				
THKV	BZ	146	342	EPg		2131	10.91	0.0							1.0
THKV	BN	146	342	ESg		2131	28.63	0.0							1.0
THKV	BN	146	342	AML		2131	29.93			68	0.3				
NASN	BZ	246	147	EP		2131	24.77	0.0							1.0

**January 18 2007 Hour: 2: 1 37.2 Lat: 29.08N Lon: 50.98E Depth: 15F Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	215	114	EPg		2 2	12.34	-0.2							1.0
GHIR	BN	215	114	ESg		2 2	38.47	0.2							1.0
GHIR	BE	215	114	AML		2 2	45.19			178	1.3				
GHIR	BN	215	114	AML		2 2	45.57			152	0.9				
SHGR	BZ	396	329	EPn		2 2	34.05	0.1							0.9
NASN	BZ	448	23	EPn		2 2	40.83	0.0							0.9
ASAO	BZ	614	352	EPn		2 3	1.10	-0.2							0.7
ASAO	BN	614	352	AML		2 4	7.88			11	0.5				
ASAO	BE	614	352	AML		2 4	9.16			7	0.3				
SNGE	BZ	750	334	EPn		2 3	18.34	0.1							0.6

**January 18 2007 Hour: 14:48 24.0 Lat: 32.68N Lon: 48.79E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	63	179	EPg		1448	34.87	-0.2							1.0
SHGR	BE	63	179	AML		1448	57.28			2054	0.5				
SHGR	BN	63	179	AML		1448	57.79			1726	0.6				
ASAO	BZ	237	29	EPg		1449	2.37	-0.6							1.0
ASAO	BE	237	29	AML		1449	39.83			238	0.6				
SNGE	BZ	299	334	EPn		1449	9.54	0.5							1.0
SNGE	BE	299	334	AML		1449	57.37			68	0.6				
SNGE	BN	299	334	AML		1449	58.00			93	0.4				
NASN	BZ	377	87	EPn		1449	19.20	0.3							0.9
NASN	BE	377	87	ESg		1450	10.10	0.2							0.9
DAMV	BZ	440	41	EPn		1449	26.38	-0.2							0.9

**January 19 2007 Hour: 5:47 14.1 Lat: 32.96N Lon: 48.75E Depth: 26 Agency: INS Local**  
**Magnitudes: 4.2ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	94	177	EPg		547	30.08	0.0							1.0
SHGR	BN	94	177	AML		547	46.05		16048	0.1					
SHGR	BE	94	177	AML		547	46.09		13686	0.4					
ASAO	BZ	212	33	EPg		547	48.37	0.0							1.0
ASAO	BE	212	33	AML		548	21.64		1326	0.9					
ASAO	BN	212	33	AML		548	21.86		1605	0.3					
SNGE	BZ	270	332	EPn		547	54.43	0.1							1.0
SNGE	BN	270	332	AML		548	37.77		772	0.8					
NASN	BZ	380	92	EPn		548	8.18	0.0							0.9
THKV	BZ	382	30	EPn		548	8.32	0.1							0.9
THKV	BN	382	30	AML		549	10.22		320	0.6					
CHTH	BZ	393	33	EPn		548	9.86	0.1							0.9
DAMV	BZ	419	44	EPn		548	12.88	-0.1							0.9
DAMV	BN	419	44	AML		549	20.20		288	0.8					
DAMV	BE	419	44	AML		549	22.99		295	0.9					
GRMI	BZ	654	353	EPn		548	41.73	-0.3							0.7

**January 19 2007 Hour: 8: 9 40.1 Lat: 32.74N Lon: 49.10E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.8ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	75	202	EPg		8 9	53.12	0.0							1.0
SHGR	BE	75	202	AML		810	14.90		611	0.5					
ASAO	BZ	218	23	EPg		810	15.86	-0.2							1.0
ASAO	BN	218	23	ESg		810	42.45	0.2							1.0
ASAO	BN	218	23	AML		810	49.89		78	0.6					
ASAO	BE	218	23	AML		810	53.15		75	0.6					
SNGE	BZ	308	329	EPn		810	26.29	0.1							1.0
SNGE	BN	308	329	AML		811	14.45		29	0.6					
NASN	BZ	347	88	EPn		810	31.27	0.1							0.9
CHTH	BZ	398	27	EPn		810	37.27	-0.2							0.9

**January 19 2007 Hour: 10:12 2.3 Lat: 31.45N Lon: 49.75E Depth: 36 Agency: INS Local**  
**Magnitudes: 4.4ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	116	309	EPg		1012	21.35	-0.5							1.0
SHGR	BN	116	309	ESg		1012	36.65	0.6							1.0
SHGR	BE	116	309	AML		1012	50.14		10225	0.7					
NASN	BZ	325	62	EPn		1012	49.34	0.8							0.9
NASN	BE	325	62	ESg		1013	31.46	-0.3							0.9
ASAO	BZ	344	4	EPn		1012	51.34	0.4							0.9
ASAO	BE	344	4	AML		1013	44.04		1113	0.8					
ASAO	BN	344	4	AML		1013	46.68		1169	0.9					
SNGE	BZ	462	332	EPn		1013	4.57	-0.9							0.8
THKV	BZ	506	12	EPn		1013	11.04	0.1							0.8
CHTH	BZ	510	14	EPn		1013	11.18	-0.4							0.8
KRBR	BZ	690	102	EPn		1013	34.05	0.0							0.7

**January 19 2007 Hour: 10:14 2.1 Lat: 31.33N Lon: 49.87E Depth: 18 Agency: INS Local**  
**Magnitudes: 3.9ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	133	311	EPg		1014	24.37	0.2							1.0
SHGR	BE	133	311	ESg		1014	40.17	-0.2							1.0
SHGR	BN	133	311	AML		1014	40.66		3632	0.7					
SHGR	BE	133	311	AML		1014	46.75		1757	0.4					
NASN	BZ	322	59	EPn		1014	49.57	-0.1							0.9
ASAO	BZ	357	2	EPn		1014	53.96	0.0							0.9
ASAO	BN	357	2	ESg		1015	42.31	0.1							0.9
ASAO	BN	357	2	AML		1015	44.14		231	0.6					
ASAO	BE	357	2	AML		1015	46.32		362	0.7					

**January 19 2007 Hour: 10:22 28.1 Lat: 34.53N Lon: 51.81E Depth: 18F Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	123	7	EPg		1022	49.68	0.1							1.0
DAMV	BN	123	7	AML		1023	5.69			252	0.1				
DAMV	BE	123	7	AML		1023	5.71			341	0.2				
ASAO	BZ	164	271	EPg		1022	55.87	0.0							1.0
CHTH	BZ	166	338	EPg		1022	55.99	-0.1							1.0
NASN	BZ	213	154	EPg		1023	3.36	-0.1							1.0
NASN	BN	213	154	ESg		1023	29.42	0.1							1.0
NASN	BE	213	154	AML		1023	30.00			27	0.2				
NASN	BN	213	154	AML		1023	30.73			29	0.3				

**January 19 2007 Hour: 12:26 54.9 Lat: 31.89N Lon: 49.80E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	97	285	EPg		1227	11.46	0.1							1.0
SHGR	BN	97	285	AML		1227	29.01			765	0.5				
ASAO	BZ	296	4	EPn		1227	40.21	0.7							1.0
ASAO	BN	296	4	ESg		1228	18.27	-0.1							1.0
ASAO	BN	296	4	AML		1228	32.63			74	0.6				
ASAO	BE	296	4	AML		1228	33.38			85	0.7				
NASN	BZ	301	70	EPn		1227	40.02	-0.2							1.0
SNGE	BZ	422	328	EPn		1227	54.60	-0.5							0.9
CHTH	BZ	463	15	EPn		1228	0.17	-0.1							0.8

**January 19 2007 Hour: 15:17 54.1 Lat: 31.77N Lon: 49.77E Depth: 18F Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	99	293	EPg		1518	11.00	0.3							1.0
SHGR	BN	99	293	AML		1518	28.35			1406	0.4				
SHGR	BE	99	293	AML		1518	30.46			904	0.4				
NASN	BZ	308	67	EPn		1518	39.70	-0.2							1.0
ASAO	BZ	309	4	EPn		1518	41.18	1.1							1.0
ASAO	BN	309	4	ESg		1519	19.05	-0.1							1.0
ASAO	BE	309	4	AML		1519	33.28			198	0.6				
ASAO	BN	309	4	AML		1519	36.33			150	0.9				
SNGE	BZ	432	329	EPn		1518	54.05	-1.2							0.9
SNGE	BN	432	329	AML		1520	7.79			63	0.5				
THKV	BZ	472	12	EPn		1519	0.05	-0.1							0.8

**January 19 2007 Hour: 17: 4 18.1 Lat: 32.71N Lon: 48.80E Depth: 15F Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	67	180	EPg		17 4	29.62	-0.2							1.0
SHGR	BE	67	180	ESg		17 4	38.40	0.1							1.0
SHGR	BE	67	180	AML		17 4	47.79			407	0.9				
ASAO	BZ	233	29	EPg		17 4	56.39	0.0							1.0
ASAO	BE	233	29	AML		17 5	33.96			41	0.4				
ASAO	BN	233	29	AML		17 5	38.25			27	0.9				
SNGE	BZ	296	333	EPn		17 5	2.72	0.0							1.0

**January 20 2007 Hour: 0:13 14.2 Lat: 33.84N Lon: 48.83E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	135	54	EPg		013	36.83	-0.1							1.0
ASAO	BN	135	54	ESg		013	53.59	0.0							1.0
ASAO	BE	135	54	AML		013	57.85			94	0.4				
ASAO	BN	135	54	AML		013	59.33			163	0.6				
SHGR	BZ	192	181	EPg		013	45.66	-0.1							1.0
SHGR	BE	192	181	AML		014	12.60			69	0.4				
SHGR	BN	192	181	AML		014	12.60			70	0.3				
SNGE	BZ	195	316	EPg		013	46.46	0.0							1.0

NASN BZ 388 106 EPn 014 10.55 0.2 0.9

**January 20 2007 Hour: 1:25 43.6 Lat: 35.00N Lon: 53.59E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	163	296	EPg		126	10.79	0.0							1.0
DAMV	BE	163	296	ESg		126	30.48	-0.1							1.0
DAMV	BE	163	296	AML		126	31.97			72	0.3				
DAMV	BN	163	296	AML		126	34.30			51	0.2				
NASN	BZ	254	197	EPg		126	25.10	-0.2							1.0
NASN	BN	254	197	ESg		126	55.83	0.1							1.0
NASN	BN	254	197	AML		126	57.54			25	0.2				
NASN	BE	254	197	AML		126	57.64			33	0.3				
THKV	BZ	266	293	EPn		126	24.64	0.1							1.0

**January 20 2007 Hour: 11:20 9.1 Lat: 39.94N Lon: 52.55E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.8ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MRVT	BZ	399	128	EPn		1121	6.23	0.0							1.0
GRMI	BZ	420	254	EPn		1121	9.01	0.0							1.0
GRMI	BN	420	254	AML		1121	55.70			201	0.3				
CHTH	BZ	465	196	EPn		1121	14.51	-0.1							0.9
THKV	BZ	470	199	EPn		1121	15.39	0.1							0.9
THKV	BN	470	199	AML		1122	7.22			132	0.4				
DAMV	BZ	481	186	EPn		1121	16.93	0.2							0.9
DAMV	BE	481	186	AML		1122	11.05			57	0.5				
ASAO	BZ	639	201	EPn		1121	36.02	-0.3							0.8

**January 21 2007 Hour: 5:31 14.2 Lat: 37.94N Lon: 49.82E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	194	301	EPg		531	46.16	0.0							1.0
GRMI	BN	194	301	ESg		532	9.57	0.0							1.0
GRMI	BN	194	301	AML		532	10.62			58	0.3				
GRMI	BE	194	301	AML		532	11.20			66	0.3				
THKV	BZ	243	157	EPg		531	53.90	-0.1							1.0
THKV	BN	243	157	AML		532	24.23			47	0.5				
CHTH	BZ	253	152	EPn		531	53.75	0.1							1.0
ASAO	BZ	376	177	EPn		532	8.90	0.0							0.9
SNGE	BZ	385	216	EPn		532	9.94	0.0							0.9

**January 21 2007 Hour: 6:3 13.5 Lat: 33.01N Lon: 48.67E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	100	173	EPg		6 3	30.36	-0.1							1.0
SHGR	BE	100	173	ESg		6 3	42.99	0.1							1.0
SHGR	BN	100	173	AML		6 3	45.80			224	0.2				
ASAO	BZ	212	36	EPg		6 3	48.43	0.0							1.0
ASAO	BN	212	36	AML		6 4	21.65			32	0.5				
SNGE	BZ	262	332	EPn		6 3	53.89	0.0							1.0
SNGE	BN	262	332	ESg		6 4	27.55	0.0							1.0

**January 21 2007 Hour: 7:38 57.2 Lat: 39.84N Lon: 42.90E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.3ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MAKU	BZ	162	109	EPg		739	23.93	-0.2							1.0
MAKU	BN	162	109	ESg		739	43.87	0.1							1.0
MAKU	BN	162	109	AML		739	49.69			8645	0.5				
MAKU	BE	162	109	AML		739	53.81			4085	0.7				
GRMI	BZ	445	103	EPn		740	0.52	0.2							0.9
GRMI	BZ	445	103	EPg		740	9.05	0.0							0.9
GRMI	BE	445	103	AML		741	13.95			308	0.8				
GRMI	BN	445	103	AML		741	14.15			327	0.7				
SNGE	BZ	657	142	EPn		740	26.76	0.1							0.7

**January 21 2007 Hour: 16:19 23.0 Lat: 35.76N Lon: 48.99E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	164	145	EPg		1619	50.36	0.0							1.0
ASAO	BE	164	145	ESg		1620	10.27	0.0							1.0
ASAO	BE	164	145	AML		1620	11.90			59	0.3				
SNGE	BZ	166	244	EPg		1619	50.67	0.1							1.0
SNGE	BN	166	244	ESg		1620	10.67	-0.1							1.0
SNGE	BN	166	244	AML		1620	11.74			99	0.6				
THKV	BZ	172	84	EPg		1619	51.44	0.0							1.0
THKV	BE	172	84	AML		1620	16.82			68	0.6				
THKV	BN	172	84	AML		1620	18.40			64	0.5				
CHTH	BZ	194	84	EPg		1619	55.02	0.0							1.0
CHTH	BN	194	84	AML		1620	19.06			50	0.3				
DAMV	BZ	271	92	EPn		1620	4.45	0.0							1.0
DAMV	BE	271	92	AML		1620	42.57			36	0.5				
DAMV	BN	271	92	AML		1620	47.76			33	0.7				

**January 22 2007 Hour: 3:51 21.6 Lat: 31.71N Lon: 50.79E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	193	284	EPg		351	53.32	0.1							1.0
SHGR	BN	193	284	ESg		352	16.37	0.0							1.0
SHGR	BE	193	284	AML		352	24.42			135	0.4				
SHGR	BN	193	284	AML		352	34.48			169	0.5				
NASN	BZ	225	57	EPg		351	58.62	0.0							1.0
NASN	BN	225	57	ESg		352	25.75	0.0							1.0
ASAO	BZ	323	347	EPn		352	9.43	0.0							0.9
ASAO	BE	323	347	AML		352	54.24			31	0.5				
ASAO	BN	323	347	AML		353	1.13			50	0.6				
SNGE	BZ	493	320	EPn		352	30.48	-0.1							0.8
SNGE	BN	493	320	AML		353	24.61			14	0.4				

**January 22 2007 Hour: 10:58 50.0 Lat: 32.65N Lon: 50.05E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	132	243	EPg		1059	12.14	0.1							1.0
SHGR	BE	132	243	AML		1059	34.91			291	0.3				
ASAO	BZ	211	359	EPg		1059	24.51	-0.2							1.0
ASAO	BE	211	359	ESg		1059	50.06	0.0							1.0
NASN	BZ	259	86	EPn		1059	30.19	0.0							1.0
NASN	BE	259	86	ESg		11 0	3.26	-0.2							1.0
NASN	BE	259	86	AML		11 0	4.87			79	0.4				
NASN	BN	259	86	AML		11 0	5.79			85	0.6				
SNGE	BZ	369	318	EPn		1059	43.43	-0.3							0.9
SNGE	BN	369	318	AML		11 0	45.61			28	0.4				
DAMV	BE	375	28	AML		11 0	51.38			34	0.6				
DAMV	BN	375	28	AML		11 0	53.05			29	0.6				
CHTH	BZ	375	15	EPn		1059	44.63	0.1							0.9
DAMV	BZ	375	28	EPn		1059	45.10	0.5							0.9

**January 22 2007 Hour: 15:32 52.2 Lat: 32.80N Lon: 54.99E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BZ	204	271	EPg		1533	25.75	-0.1							1.0
NASN	BN	204	271	ESg		1533	50.45	0.0							1.0
NASN	BN	204	271	AML		1533	53.65			369	0.3				
KRBR	BZ	355	151	EPn		1533	44.24	0.0							0.9
KRBR	BE	355	151	AML		1534	37.75			105	0.6				
KRBR	BN	355	151	AML		1534	43.05			98	0.4				
DAMV	BZ	419	319	EPn		1533	52.24	0.0							0.9
DAMV	BN	419	319	ESg		1534	49.59	0.1							0.9
DAMV	BE	419	319	AML		1535	4.02			70	0.6				

CHTH	BZ	495	315	EPn		1534	1.46	-0.1								0.8
ASAO	BZ	499	294	EPn		1534	2.34	0.2								0.8
THKV	BZ	512	314	EPn		1534	3.47	-0.2								0.8

**January 22 2007 Hour: 19:54 7.2 Lat: 37.11N Lon: 50.51E Depth: 7F Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THKV	BZ	136	166	EPg		1954	30.64	-0.2							1.0
THKV	BN	136	166	ESg		1954	48.86	0.7							1.0
THKV	BN	136	166	AML		1954	51.60			556	0.4				
CHTH	BZ	144	157	EPg		1954	31.48	-0.8							1.0
DAMV	BZ	210	141	EP		1954	41.35	-0.4							1.0
DAMV	BN	210	141	AML		1955	16.40			91	0.5				
SNGE	BZ	362	233	EPn		1955	0.99	0.2							0.9
MRVT	BZ	498	81	EPn		1955	18.32	0.7							0.8

**January 23 2007 Hour: 3:38 41.5 Lat: 36.17N Lon: 52.56E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	80	222	EPg		338	55.24	-0.1							1.0
DAMV	BE	80	222	AML		339	9.42			216	0.4				
CHTH	BZ	132	258	EPg		339	3.38	-0.3							1.0
CHTH	BN	132	258	AML		339	23.20			67	0.5				
THKV	BZ	154	260	EPg		339	7.30	0.2							1.0
THKV	BE	154	260	AML		339	31.46			92	0.6				
THKV	BN	154	260	AML		339	32.12			92	0.6				
ASAO	BZ	292	233	EPn		339	25.53	-0.1							1.0
ASAO	BN	292	233	ESg		340	3.90	0.2							1.0
MRVT	BZ	356	61	EPn		339	33.47	0.1							0.9

**January 23 2007 Hour: 17: 2 45.0 Lat: 35.77N Lon: 51.82E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.2ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	20	139	EPg		17 2	49.61	0.0							1.0
DAMV	BE	20	139	ESg		17 2	53.01	0.0							1.0
DAMV	BE	20	139	AML		17 2	53.41			6061	0.2				
CHTH	BZ	65	284	EPg		17 2	56.29	-0.2							1.0
THKV	BZ	87	281	EPg		17 3	0.16	0.2							1.0
THKV	BN	87	281	AML		17 3	13.79			1078	0.4				
THKV	BE	87	281	AML		17 3	13.81			676	0.2				
ASAO	BZ	212	231	EPg		17 3	19.91	0.0							1.0
ASAO	BE	212	231	AML		17 3	48.74			180	0.3				
ASAO	BN	212	231	AML		17 3	49.74			148	0.4				
SNGE	BZ	413	261	EPn		17 3	44.28	0.1							0.9

**January 24 2007 Hour: 1:33 1.8 Lat: 29.13N Lon: 57.40E Depth: 16F Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	113	327	EPg		133	21.03	0.0							1.0
KRBR	BN	113	327	ESg		133	35.09	0.0							1.0
KRBR	BN	113	327	AML		133	38.99			179	0.1				
KRBR	BE	113	327	AML		133	39.06			196	0.2				
BNDS	BZ	227	212	EPg		133	38.97	0.0							1.0
ZHSF	BZ	332	80	EPn		133	50.68	0.0							0.9
ZHSF	BN	332	80	AML		134	30.32			13	0.7				

**January 24 2007 Hour: 22:51 50.4 Lat: 32.62N Lon: 48.95E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	58	194	EPg		2252	0.52	-0.1							1.0
SHGR	BE	58	194	ESg		2252	7.98	-0.1							1.0
SHGR	BN	58	194	AML		2252	16.33			1347	0.6				
SHGR	BE	58	194	AML		2252	20.94			1136	0.6				
ASAO	BZ	236	25	EPg		2252	28.42	-0.8							1.0



ASAO	BE	236	25	ESg	2252	57.38	-0.1										1.0
ASAO	BE	236	25	AML	2253	2.66			95	0.6							
ASAO	BN	236	25	AML	2253	3.79			139	0.6							
SNGE	BZ	312	332	EPn	2252	37.35	0.3										1.0
NASN	BZ	362	86	EPn	2252	43.78	0.4										0.9
THKV	BZ	407	25	EPn	2252	49.46	0.7										0.9

**January 26 2007 Hour: 8:58 10.7 Lat: 33.44N Lon: 50.89E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	147	327	EPg		858	34.69	-0.6							1.0
ASAO	BN	147	327	ESg		858	53.25	0.1							1.0
ASAO	BN	147	327	AML		858	53.62			1188	0.4				
ASAO	BE	147	327	AML		858	57.24			953	0.6				
NASN	BZ	193	111	EPg		858	42.16	-0.4							1.0
NASN	BN	193	111	ESg		859	5.99	0.1							1.0
NASN	BE	193	111	AML		859	7.82			545	0.5				
SHGR	BZ	244	234	EPg		858	50.73	0.2							1.0
SHGR	BE	244	234	AML		859	25.04			564	0.6				
SHGR	BN	244	234	AML		859	27.58			424	0.7				
DAMV	BZ	263	22	EPn		858	52.11	0.8							1.0
DAMV	BN	263	22	ESg		859	25.02	-0.1							1.0
DAMV	BN	263	22	AML		859	25.69			415	0.4				
DAMV	BE	263	22	AML		859	25.91			646	0.3				
THKV	BZ	275	360	EPn		858	52.61	-0.1							1.0
THKV	BE	275	360	ESg		859	28.38	0.0							1.0
THKV	BN	275	360	AML		859	39.32			281	0.6				

**January 27 2007 Hour: 0:2 24.8 Lat: 28.40N Lon: 52.87E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	17	138	EPg		0	2	28.99	0.1						1.0
GHIR	BE	17	138	ESg		0	2	31.75	-0.1						1.0
GHIR	BE	17	138	AML		0	2	33.09		9617	0.2				
GHIR	BN	17	138	AML		0	2	35.81		5581	0.2				
KRBR	BZ	417	64	EPn		0	3	24.95	0.3						0.9
KRBR	BE	417	64	ESg		0	4	21.45	-0.2						0.9
KRBR	BN	417	64	AML		0	4	32.33		13	0.5				
NASN	BZ	488	359	EPn		0	3	33.43	0.0						0.8
ASAO	BZ	733	339	EPn		0	4	3.39	-0.4						0.6

**January 27 2007 Hour: 17:42 37.5 Lat: 32.68N Lon: 50.01E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	130	241	EPg		1742	59.15	0.0							1.0
SHGR	BE	130	241	AML		1743	21.86			386	0.7				
SHGR	BN	130	241	AML		1743	28.98			245	0.9				
ASAO	BZ	208	0	EPg		1743	11.64	-0.1							1.0
ASAO	BN	208	0	AML		1743	42.92			103	0.5				
ASAO	BE	208	0	AML		1743	46.12			123	0.8				
NASN	BZ	262	86	EPn		1743	18.09	0.0							1.0
SNGE	BZ	364	318	EPn		1743	30.71	0.1							0.9
DAMV	BZ	374	28	EPn		1743	31.83	0.0							0.9
DAMV	BE	374	28	AML		1744	26.92			35	0.1				

**January 28 2007 Hour: 11:11 25.5 Lat: 36.95N Lon: 56.48E Depth: 25 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MRVT	BZ	86	337	EPg		1111	40.34	0.1							1.0
MRVT	BE	86	337	ESg		1111	51.01	-0.1							1.0
MRVT	BE	86	337	AML		1111	52.16			366	0.3				
DAMV	BZ	430	251	EPn		1112	25.89	0.1							0.9
DAMV	BE	430	251	AML		1113	22.37			39	0.6				
DAMV	BN	430	251	AML		1113	38.09			25	0.6				

NASN BZ 569 217 EPn 1112 43.05 -0.1 0.8

**January 29 2007 Hour: 0:029.1 Lat: 28.44N Lon: 55.92E Depth: 18 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	118	168	EPg		0	0	49.11	0.0						1.0
KRBR	BZ	189	25	EPg		0	1	0.27	-0.1						1.0
KRBR	BE	189	25	ESg		0	1	23.32	0.1						1.0
KRBR	BE	189	25	AML		0	1	26.34		108	0.8				
KRBR	BN	189	25	AML		0	1	26.47		79	0.3				
GHIR	BZ	288	267	EPn		0	1	12.15	-0.1						1.0
GHIR	BN	288	267	ESg		0	1	50.42	0.1						1.0
GHIR	BN	288	267	AML		0	2	6.11		21	0.2				

**January 29 2007 Hour: 3:45 9.4 Lat: 28.22N Lon: 54.45E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	144	273	EPg		345	33.34	-0.1							1.0
GHIR	BE	144	273	ESg		345	50.96	0.0							1.0
GHIR	BE	144	273	AML		345	54.53			68	0.8				
GHIR	BN	144	273	AML		346	8.71			105	0.6				
BNDS	BZ	192	118	EPg		345	41.07	0.0							1.0
KRBR	BZ	297	48	EPn		345	54.47	0.2							1.0
KRBR	BN	297	48	ESg		346	33.17	-0.1							1.0
KRBR	BN	297	48	AML		346	39.16			42	0.5				
KRBR	BE	297	48	AML		346	39.82			50	0.5				

**January 29 2007 Hour: 14:17 48.0 Lat: 33.94N Lon: 48.68E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	141	61	EPg		1418	11.43	-0.2							1.0
ASAO	BN	141	61	AML		1418	34.28			195	0.6				
ASAO	BE	141	61	AML		1418	34.33			218	0.4				
SNGE	BZ	177	317	EPg		1418	17.48	0.1							1.0
SHGR	BZ	203	177	EPg		1418	21.25	-0.1							1.0
SHGR	BE	203	177	AML		1418	50.43			202	0.4				
SHGR	BN	203	177	AML		1418	54.30			147	0.5				
NASN	BZ	404	107	EPn		1418	46.33	0.1							0.9
NASN	BN	404	107	ESg		1419	41.50	0.2							0.9

**January 30 2007 Hour: 4:27 17.8 Lat: 29.19N Lon: 51.46E Depth: 24 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	180	124	EPg		427	47.03	0.0							1.0
GHIR	BN	180	124	AML		428	17.90			450	0.5				
GHIR	BE	180	124	AML		428	27.72			472	0.5				
SHGR	BZ	411	322	EPn		428	15.61	0.1							0.9
SHGR	BN	411	322	AML		429	3.50			57	0.8				
SHGR	BE	411	322	AML		429	4.96			54	0.6				
NASN	BZ	420	18	EPn		428	17.02	0.0							0.9
BNDS	BZ	503	112	EPn		428	27.16	0.0							0.8
ASAO	BZ	609	348	EPn		428	40.38	0.0							0.7
SNGE	BZ	760	330	EPn		428	58.86	-0.3							0.6

**January 31 2007 Hour: 0:37 2.1 Lat: 32.50N Lon: 48.75E Depth: 15F Agency: INS Local**  
**Magnitudes: 3.2ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	44	174	EPg		037	9.62	-0.5							1.0
SHGR	BN	44	174	ESg		037	16.40	0.4							1.0
SHGR	BE	44	174	AML		037	18.81			4441	0.8				
SHGR	BN	44	174	AML		037	27.96			2724	0.5				
ASAO	BZ	256	27	EPn		037	42.07	0.3							1.0
SNGE	BZ	315	336	EPn		037	49.23	0.1							1.0
SNGE	BN	315	336	AML		038	40.38			83	0.1				

NASN	BZ	382	84	EPn		037	57.50	0.0										0.9
NASN	BN	382	84	AML		038	55.33			28	0.4							
THKV	BZ	426	27	EPn		038	2.93	0.1										0.9
CHTH	BZ	437	29	EPn		038	3.80	-0.4										0.9

**January 31 2007 Hour: 3:54 8.1 Lat: 31.07N Lon: 49.76E Depth: 43 Agency: INS Local**  
**Magnitudes: 2.9ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	147	322	EPg		354	32.55	0.0							1.0
SHGR	BN	147	322	ESg		354	50.37	0.0							1.0
SHGR	BN	147	322	AML		354	52.86			321	0.2				
SHGR	BE	147	322	AML		354	53.14			220	0.2				
NASN	BZ	346	56	EPn		354	56.44	0.0							0.9
ASAO	BZ	387	4	EPn		355	1.39	0.0							0.9
ASAO	BN	387	4	AML		355	57.97			17	0.6				

**January 31 2007 Hour: 14:13 2.6 Lat: 26.96N Lon: 55.97E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	53	22	EPg		1413	12.15	0.0							1.0
BNDS	BN	53	22	ESg		1413	19.07	0.0							1.0
BNDS	BN	53	22	AML		1413	29.77			3144	0.4				
BNDS	BE	53	22	AML		1413	31.41			2338	0.5				
GHIR	BZ	329	297	EPn		1413	51.02	-0.1							0.9
GHIR	BN	329	297	ESg		1414	34.94	0.0							0.9
GHIR	BN	329	297	AML		1414	44.94			101	0.7				
GHIR	BE	329	297	AML		1414	48.43			97	0.8				
KRBR	BZ	344	13	EPn		1413	53.22	0.1							0.9
KRBR	BE	344	13	AML		1414	41.82			95	0.6				
KRBR	BN	344	13	AML		1414	43.33			92	0.6				

**January 31 2007 Hour: 14:51 33.4 Lat: 27.21N Lon: 56.09E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	22	22	EPg		1451	38.12	-0.1							1.0
KRBR	BZ	314	12	EPn		1452	20.42	0.1							1.0
KRBR	BE	314	12	AML		1453	6.58			23	0.7				
KRBR	BN	314	12	AML		1453	8.62			19	0.5				
GHIR	BZ	328	292	EPn		1452	21.89	0.0							0.9
GHIR	BN	328	292	ESg		1453	5.44	0.0							0.9
GHIR	BE	328	292	AML		1453	8.92			22	0.5				
GHIR	BN	328	292	AML		1453	24.82			19	0.6				

**February 18 2007 Hour: 19:18 33.3 Lat: 36.48N Lon: 52.74E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	117	217	EPg		1918	52.96	-0.2							1.0
DAMV	BN	117	217	ESg		1919	7.48	-0.1							1.0
DAMV	BE	117	217	AML		1919	8.33			569	0.8				
DAMV	BN	117	217	AML		1919	9.23			303	0.2				
CHTH	BZ	159	247	EPg		1918	59.53	-0.2							1.0
CHTH	BN	159	247	ESg		1919	19.09	0.1							1.0
THKV	BZ	179	250	EPg		1919	2.68	-0.2							1.0
THKV	BE	179	250	ESg		1919	24.70	0.2							1.0
THKV	BE	179	250	AML		1919	28.23			101	1.0				
GHVR	BZ	260	212	EPn		1919	13.75	0.4							1.0

**February 21 2007 Hour: 22:17 1.6 Lat: 35.80N Lon: 48.94E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	170	144	EPg		2217	29.75	-0.2							1.0
ASAO	BE	170	144	ESg		2217	50.63	0.1							1.0
THKV	BZ	175	85	EPg		2217	30.71	0.1							1.0
THKV	BN	175	85	ESg		2217	51.79	-0.1							1.0

THKV	BN	175	85	AML		2218	0.60			52	0.8					
THKV	BE	175	85	AML		2218	3.33			81	0.5					
CHTH	BZ	198	86	EPg		2217	34.18	0.0								1.0
CHTH	BN	198	86	ESg		2217	58.07	0.0								1.0
GHVR	BZ	256	124	EPn		2217	41.22	0.1								1.0
DAMV	BZ	275	93	EPn		2217	43.68	0.0								1.0
DAMV	BN	275	93	AML		2218	25.60			32	0.4					
DAMV	BE	275	93	AML		2218	28.01			38	0.4					

**February 22 2007 Hour: 2:9 5.0 Lat: 31.50N Lon: 50.94E Depth: 18 Agency: INS Local**  
**Magnitudes: 4.4ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	331	5	EPn		2 9	53.62	0.1							1.0
GHVR	BE	331	5	ESg		210	37.79	-0.1							1.0
ASAO	BZ	348	346	EPn		2 9	55.72	0.0							1.0
ASAO	BE	348	346	Sn		210	32.81	0.0							1.0
ASAO	BE	348	346	AML		210	51.57			710	0.6				
ASAO	BN	348	346	AML		210	55.31			1279	0.7				
DAMV	BZ	468	12	EPn		210	10.50	-0.1							0.9
DAMV	BN	468	12	AML		211	25.21			259	0.6				
DAMV	BE	468	12	AML		211	25.97			267	0.8				
THKV	BZ	489	359	EPn		210	13.22	0.0							0.9
CHTH	BN	489	2	ESg		211	21.55	0.2							0.9
THKV	BE	489	359	ESg		211	21.48	0.0							0.9
CHTH	BZ	489	2	EPn		210	13.16	-0.1							0.9
MRVT	BZ	830	33	EPn		210	55.53	0.1							0.6
MRVT	BE	830	33	AML		213	34.10			135	0.7				

**February 22 2007 Hour: 5:25 30.9 Lat: 34.78N Lon: 47.15E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.2ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	264	95	EPg		526	14.01	-0.1							1.0
ASAO	BN	264	95	ESg		526	45.67	0.0							1.0
ASAO	BN	264	95	AML		526	53.70			124	0.8				
THKV	BZ	361	69	EPn		526	23.67	0.0							0.9
CHTH	BZ	382	70	EPn		526	26.48	0.2							0.9
DAMV	BZ	449	77	EPn		526	34.68	0.1							0.9
DAMV	BE	449	77	AML		527	55.05			33	0.7				
GRMI	BZ	452	8	EPn		526	34.70	-0.1							0.9

**February 22 2007 Hour: 8:50 43.4 Lat: 36.83N Lon: 53.88E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.8ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MRVT	BZ	217	64	EPg		851	18.91	-0.1							1.0
DAMV	BZ	217	233	EPg		851	19.43	0.3							1.0
DAMV	BE	217	233	ESg		851	44.99	-0.2							1.0
DAMV	BE	217	233	AML		851	50.34			60	0.5				
CHTH	BZ	267	248	EPg		851	27.16	0.1							1.0
CHTH	BE	267	248	ESg		851	58.89	-0.1							1.0
CHTH	BN	267	248	AML		852	0.13			38	0.7				
THKV	BZ	287	250	EPg		851	30.03	-0.2							1.0
THKV	BE	287	250	ESg		852	4.68	0.2							1.0
THKV	BN	287	250	AML		852	7.01			64	0.6				
THKV	BE	287	250	AML		852	7.49			50	0.6				
GHVR	BZ	353	223	EPn		851	35.15	0.1							0.9

**February 23 2007 Hour: 22:33 6.0 Lat: 37.86N Lon: 46.88E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.2ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MAKU	BZ	253	312	EPg		2233	47.37	-0.1							1.0
MAKU	BN	253	312	ESg		2234	17.67	0.0							1.0
MAKU	BE	253	312	AML		2234	23.88			106	0.4				
THKV	BE	417	120	ESg		2235	2.65	0.0							0.9
CHTH	BZ	436	118	EPn		2234	8.05	0.0							0.9

CHTH	BN	436	118	AML	2235	15.43			28	0.5					
ASAO	BZ	464	141	EPn	2234	11.58	0.1								0.8
DAMV	BZ	518	117	EPn	2234	18.22	0.0								0.8
DAMV	BE	518	117	AML	2235	32.88			19	0.4					
DAMV	BN	518	117	AML	2235	34.57			24	0.6					
GHVR	BZ	543	132	EPn	2234	20.97	-0.2								0.8

**February 25 2007 Hour: 18:44 28.5 Lat: 33.85N Lon: 53.97E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.8ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	260	286	EPn		1845	8.65	0.0							1.0
GHVR	BE	260	286	ESg		1845	42.07	0.0							1.0
DAMV	BZ	269	318	EPn		1845	9.94	0.0							1.0
DAMV	BN	269	318	ESg		1845	44.66	0.0							1.0
DAMV	BN	269	318	AML		1845	55.78			40	0.5				
DAMV	BE	269	318	AML		1846	0.70			44	0.5				
THKV	BZ	364	310	EPn		1845	21.68	0.1							0.9
THKV	BN	364	310	ESg		1846	10.47	0.0							0.9
THKV	BN	364	310	AML		1846	21.09			32	0.4				
THKV	BE	364	310	AML		1846	41.02			41	0.6				
ASAO	BZ	371	283	EPn		1845	22.53	-0.1							0.9
ASAO	BN	371	283	ESg		1846	12.59	-0.1							0.9
ASAO	BE	371	283	AML		1846	21.09			18	0.6				
ASAO	BN	371	283	AML		1846	26.08			20	0.7				
MRVT	BZ	464	24	EPn		1845	33.84	-0.1							0.8

**February 25 2007 Hour: 23:1 27.4 Lat: 37.52N Lon: 48.92E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	169	328	EPg		23 1	55.29	-0.1							1.0
GRMI	BE	169	328	ESg		23 2	15.88	0.0							1.0
GRMI	BE	169	328	AML		23 2	18.39			121	0.2				
GRMI	BN	169	328	AML		23 2	18.48			115	0.2				
THKV	BZ	250	135	EPn		23 2	6.44	0.1							1.0
THKV	BN	250	135	ESg		23 2	38.16	0.0							1.0
THKV	BE	250	135	AML		23 2	41.38			38	0.6				
THKV	BN	250	135	AML		23 2	47.00			43	0.4				
CHTH	BZ	266	132	EPn		23 2	8.57	0.1							1.0
CHTH	BN	266	132	ESg		23 2	42.68	-0.1							1.0
DAMV	BZ	345	127	EPn		23 2	18.13	0.0							0.9
ASAO	BZ	345	163	EPn		23 2	18.10	0.0							0.9

**February 26 2007 Hour: 19:43 6.0 Lat: 35.71N Lon: 52.05E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	11	219	EPg		1943	9.09	-0.4							1.0
DAMV	BN	11	219	ESg		1943	11.98	-0.1							1.0
DAMV	BE	11	219	AML		1943	12.51			18170	0.1				
DAMV	BN	11	219	AML		1943	14.77			15716	0.4				
CHTH	BZ	86	285	EPg		1943	20.73	-0.2							1.0
CHTH	BN	86	285	ESg		1943	31.71	-0.2							1.0
THKV	BZ	108	283	EPg		1943	24.91	0.5							1.0
THKV	BN	108	283	AML		1943	42.23			1085	0.3				
THKV	BE	108	283	AML		1943	42.82			821	0.7				
GHVR	BZ	155	209	EPg		1943	32.08	0.4							1.0
ASAO	BZ	225	236	EPg		1943	42.80	-0.1							1.0
ASAO	BN	225	236	ESg		1944	10.02	0.1							1.0
ASAO	BN	225	236	AML		1944	13.68			205	0.5				
ASAO	BE	225	236	AML		1944	13.97			194	0.6				
MRVT	BZ	421	58	EPn		1944	5.95	0.0							0.9

**February 27 2007 Hour: 20:59 21.6 Lat: 32.03N Lon: 55.91E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.5ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	541	319	EPn		21	0	36.72	0.0						1.0
DAMV	BE	541	319	AML		21	1	59.97		37	0.6				
DAMV	BN	541	319	AML		21	2	11.69		29	0.7				
ASAO	BZ	616	299	EPn		21	0	45.92	0.0						0.9
ASAO	BN	616	299	AML		21	2	41.83		10	0.6				
CHTH	BZ	617	316	EPn		21	0	46.05	-0.1						0.9
MRVT	BZ	625	1	EPn		21	0	46.92	0.0						0.9
THKV	BZ	634	314	EPn		21	0	48.25	0.1						0.9
THKV	BE	634	314	AML		21	2	33.99		28	0.7				
THKV	BN	634	314	AML		21	2	35.28		21	0.3				

**February 27 2007 Hour: 22:28 10.1 Lat: 28.00N Lon: 54.91E Depth: 18 Agency: INS Local**  
**Magnitudes: 4.8MB INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	862	329	EPn		2230	4.70	0.0							1.0
ASAO	BE	862	329	Sn		2231	28.33	0.0							1.0
DAMV	BZ	890	343	EPn		2230	8.21	0.0							1.0
CHTH	BZ	947	339	EPn		2230	15.19	0.0							0.9
THKV	BN	957	338	ESg		2232	34.88	0.0							0.9
MRVT	BZ	1077	6	EPn		2230	31.19	0.0							0.7
MAKU	BZ	1575	326	EP		2231	33.08	0.2							0.0
MAKU	BZ	1575	326	AMb		2231	41.06			37	1.8				

**February 28 2007 Hour: 0: 8 44.9 Lat: 36.01N Lon: 53.23E Depth: 6 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	121	250	EPg		0	9	5.99	0.0						1.0
DAMV	BN	121	250	ESg		0	9	21.50	0.0						1.0
DAMV	BE	121	250	AML		0	9	22.34		131	0.1				
CHTH	BZ	190	267	EPg		0	9	17.70	0.0						1.0
THKV	BZ	212	268	EPg		0	9	21.41	0.0						1.0
THKV	BN	212	268	AML		0	9	53.55		30	0.4				
THKV	BE	212	268	AML		0	9	55.10		34	0.5				
ASAO	BZ	334	242	EPn		0	9	35.16	0.0						0.9

**March 2 2007 Hour: 12:10 19.2 Lat: 35.65N Lon: 51.57E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	36	93	EPg		1210	26.23	0.0							1.0
DAMV	BN	36	93	AML		1210	31.47			1522	0.2				
DAMV	BE	36	93	AML		1210	31.50			2061	0.2				
CHTH	BZ	49	306	EPg		1210	27.77	-0.6							1.0
THKV	BZ	69	295	EPg		1210	31.52	0.1							1.0
THKV	BN	69	295	ESg		1210	40.86	0.5							1.0
THKV	BE	69	295	AML		1210	42.51			1327	0.5				
GHVR	BZ	133	193	EPg		1210	41.84	0.3							1.0
ASAO	BZ	187	230	EPg		1210	49.72	-0.4							1.0
ASAO	BN	187	230	ESg		1211	12.50	-0.1							1.0
NASN	BZ	336	160	EPn		1211	9.18	0.2							0.9

**March 3 2007 Hour: 21:55 40.7 Lat: 35.49N Lon: 53.12E Depth: 16 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	105	278	EPg		2155	58.64	-0.1							1.0
DAMV	BE	105	278	ESg		2156	11.90	0.0							1.0
DAMV	BE	105	278	AML		2156	19.05			83	0.3				
CHTH	BZ	186	285	EPg		2156	11.39	-0.2							1.0
CHTH	BN	186	285	ESg		2156	34.02	0.0							1.0
GHVR	BZ	205	237	EPg		2156	14.38	0.0							1.0
THKV	BZ	208	284	EPg		2156	15.22	0.2							1.0

THKV	BE	208	284	AML		2156	46.54		44	0.6					
THKV	BN	208	284	AML		2156	48.20		51	0.6					
ASAO	BZ	302	250	EPn		2156	25.82	0.0							1.0
MRVT	BZ	358	47	EPn		2156	32.66	0.0							0.9

**March 3 2007 Hour: 22:40 30.5 Lat: 31.55N Lon: 49.64E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	101	308	EPg		2240	47.48	-0.1							1.0
SHGR	BN	101	308	ESg		2241	0.06	0.1							1.0
SHGR	BN	101	308	AML		2241	3.71		1315	0.4					
NASN	BZ	330	64	EPn		2241	19.54	0.1							0.9
ASAO	BZ	335	6	EPn		2241	20.02	0.0							0.9
ASAO	BE	335	6	ESg		2242	4.62	0.0							0.9
ASAO	BN	335	6	AML		2242	15.10		75	0.3					
GHVR	BZ	358	24	EPn		2241	22.54	-0.2							0.9

**March 5 2007 Hour: 12:35 53.3 Lat: 37.40N Lon: 53.42E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	235	214	EPg		1236	31.87	0.0							1.0
DAMV	BN	235	214	ESg		1237	0.05	0.0							1.0
DAMV	BE	235	214	AML		1237	2.55		113	0.3					
DAMV	BN	235	214	AML		1237	3.53		93	0.3					
CHTH	BZ	264	232	EPn		1236	33.94	0.1							1.0
CHTH	BE	264	232	ESg		1237	7.85	0.0							1.0
THKV	BZ	281	235	EPn		1236	35.80	-0.1							1.0
THKV	BN	281	235	AML		1237	19.22		78	0.4					
THKV	BE	281	235	AML		1237	19.58		102	0.5					

**March 6 2007 Hour: 5:53 59.6 Lat: 31.60N Lon: 50.03E Depth: 24 Agency: INS Local**  
**Magnitudes: 2.9ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	129	296	EPg		554	21.00	0.1							1.0
SHGR	BN	129	296	ESg		554	36.27	-0.1							1.0
SHGR	BE	129	296	AML		554	39.91		284	0.4					
SHGR	BN	129	296	AML		554	39.94		242	0.2					
NASN	BZ	294	62	EPn		554	43.07	-0.1							1.0
ASAO	BZ	327	360	EPn		554	47.27	0.1							0.9
ASAO	BN	327	360	AML		555	40.93		30	1.0					

**March 6 2007 Hour: 14:52 12.0 Lat: 37.95N Lon: 55.23E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.5ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MRVT	BZ	82	113	EPg		1452	26.18	0.0							1.0
MRVT	BE	82	113	ESg		1452	36.58	0.0							1.0
MRVT	BN	82	113	AML		1452	40.34		10121	0.5					
DAMV	BZ	388	230	EPn		1453	8.01	-0.1							0.9
DAMV	BN	388	230	ESg		1454	0.83	0.0							0.9
DAMV	BE	388	230	AML		1454	6.34		54	0.8					
DAMV	BN	388	230	AML		1454	8.97		35	0.3					
CHTH	BZ	430	239	EPn		1453	13.43	0.1							0.9

**March 6 2007 Hour: 15:40 34.5 Lat: 31.18N Lon: 50.64E Depth: 35 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	203	301	EPg		1541	7.15	0.0							1.0
SHGR	BN	203	301	AML		1541	38.60		140	0.7					
SHGR	BE	203	301	AML		1541	38.74		112	0.4					
NASN	BZ	272	48	EPg		1541	18.00	0.0							1.0
NASN	BE	272	48	ESg		1541	49.84	0.0							1.0
GHVR	BZ	370	9	EPn		1541	26.40	0.2							0.9
ASAO	BZ	378	351	EPn		1541	27.17	-0.2							0.9
ASAO	BN	378	351	AML		1542	17.82		45	0.7					

ASAO BE 378 351 AML 1542 18.56 23 0.5

**March 6 2007 Hour: 15:56 28.8 Lat: 33.57N Lon: 49.14E Depth: 37 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	136	37	EPg		1556	51.22	-0.4							1.0
ASAO	BN	136	37	ESg		1557	9.04	0.7							1.0
ASAO	BN	136	37	AML		1557	12.44			82	0.6				
SHGR	BZ	165	191	EPg		1556	55.48	-0.2							1.0
SHGR	BN	165	191	ESg		1557	15.68	0.3							1.0
SHGR	BN	165	191	AML		1557	18.69			50	0.5				
SHGR	BE	165	191	AML		1557	20.92			79	0.5				
GHVR	BZ	220	62	EPg		1557	3.59	-0.6							1.0
GHVR	BN	220	62	AML		1557	38.35			367	0.2				
SNGE	BZ	236	316	EPg		1557	6.89	0.0							1.0
NASN	BZ	353	103	EPn		1557	18.72	0.3							0.9

**March 6 2007 Hour: 16:39 44.5 Lat: 32.12N Lon: 50.47E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.5ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	158	270	EPg		1640	10.60	0.0							1.0
SHGR	BE	158	270	AML		1640	37.28			528	0.7				
NASN	BZ	232	71	EPg		1640	22.57	-0.1							1.0
GHVR	BZ	271	15	EPn		1640	26.15	0.2							1.0
GHVR	BN	271	15	AML		1641	7.35			2176	0.6				
ASAO	BZ	272	351	EPn		1640	26.22	0.0							1.0
ASAO	BN	272	351	ESg		1641	1.39	-0.1							1.0
ASAO	BN	272	351	AML		1641	4.54			230	0.9				
ASAO	BE	272	351	AML		1641	11.01			163	0.8				
DAMV	BZ	413	19	EPn		1640	43.74	0.0							0.9
DAMV	BE	413	19	AML		1641	53.23			57	0.4				
DAMV	BN	413	19	AML		1642	0.96			38	0.8				

**March 6 2007 Hour: 22:32 5.1 Lat: 33.56N Lon: 48.98E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	146	41	EPg		2232	29.42	-0.1							1.0
ASAO	BE	146	41	AML		2232	54.03			7211	0.7				
ASAO	BN	146	41	AML		2233	0.60			8360	1.3				
SHGR	BZ	162	186	EPg		2232	31.94	0.0							1.0
SHGR	BE	162	186	AML		2232	58.39			11745	0.5				
SHGR	BN	162	186	AML		2233	4.72			12278	1.0				
SNGE	BZ	226	319	EPg		2232	42.34	0.0							1.0
THKV	BZ	314	33	EPn		2232	51.90	-0.1							1.0
CHTH	BZ	326	36	EPn		2232	53.67	0.1							0.9
DAMV	BZ	358	49	EPn		2232	57.62	0.1							0.9
DAMV	BN	358	49	AML		2233	56.39			847	0.3				
NASN	BZ	367	102	EPn		2232	58.70	0.0							0.9
GRMI	BZ	590	351	EPn		2233	26.23	0.0							0.7

**March 7 2007 Hour: 9:52 33.1 Lat: 33.65N Lon: 48.97E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	139	44	EPg		952	56.27	-0.2							1.0
ASAO	BN	139	44	ESg		953	13.25	-0.3							1.0
ASAO	BN	139	44	AML		953	19.45			94	0.5				
ASAO	BE	139	44	AML		953	20.86			88	0.5				
SHGR	BZ	172	185	EPg		953	1.35	-0.1							1.0
SHGR	BE	172	185	AML		953	27.94			74	0.3				
SNGE	BZ	218	317	EPg		953	9.22	0.2							1.0
GHVR	BZ	230	66	EP		953	9.61	0.2							1.0
GHVR	BE	230	66	ESg		953	38.47	0.3							1.0



**March 9 2007 Hour: 18:15 12.0 Lat: 30.80N Lon: 57.65E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.8ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	125	223	EPg		1815	33.06	0.0							1.0
KRBR	BN	125	223	ESg		1815	48.49	0.0							1.0
KRBR	BE	125	223	AML		1815	56.75			219	0.6				
KRBR	BN	125	223	AML		1815	58.12			217	0.3				
ZHSF	BZ	329	113	EPn		1816	0.64	0.0							0.9
NASN	BZ	509	297	EPn		1816	23.23	0.0							0.8
NASN	BN	509	297	AML		1817	29.56			8	0.6				
NASN	BE	509	297	AML		1817	32.34			6	0.6				

**March 10 2007 Hour: 18:15 31.0 Lat: 26.52N Lon: 55.69E Depth: 15F Agency: INS Local**  
**Magnitudes: 4.1ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	398	15	EPn		1816	28.33	0.0							1.0
KRBR	BE	398	15	ESg		1817	22.54	0.0							1.0
KRBR	BN	398	15	AML		1817	28.32			319	0.6				
NASN	BZ	750	339	EPn		1817	12.30	0.2							0.7
NASN	BN	750	339	AML		1818	43.41			51	0.5				
SHGR	BZ	911	314	EPn		1817	31.80	0.0							0.6
GHVR	BZ	980	335	EPn		1817	40.33	-0.1							0.5
ASAO	BZ	1042	330	EPn		1817	48.11	-0.2							0.5
DAMV	BZ	1071	342	EPn		1817	51.81	0.0							0.4
CHTH	BZ	1128	338	EPn		1817	58.70	-0.3							0.4

**March 11 2007 Hour: 13:48 42.7 Lat: 31.67N Lon: 49.31E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.0ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	68	315	EPg		1348	54.54	-0.1							1.0
SHGR	BE	68	315	ESg		1349	3.34	0.0							1.0
SHGR	BN	68	315	AML		1349	13.98			4604	0.6				
SHGR	BE	68	315	AML		1349	18.27			6233	0.6				
ASAO	BZ	326	12	EPn		1349	31.12	0.0							0.9
ASAO	BE	326	12	ESg		1350	14.31	0.0							0.9
ASAO	BN	326	12	AML		1350	28.21			158	0.5				
ASAO	BE	326	12	AML		1350	42.46			208	0.6				
NASN	BZ	352	68	EPn		1349	34.47	0.0							0.9
GHVR	BZ	360	30	EPn		1349	35.09	-0.1							0.9
GHVR	BN	360	30	AML		1350	44.03			956	0.6				
GHVR	BE	360	30	AML		1350	54.78			1377	0.6				
CHTH	BZ	499	19	EPn		1349	52.75	0.1							0.8
DAMV	BZ	503	29	EPn		1349	53.25	0.1							0.8

**March 13 2007 Hour: 0:59 9.7 Lat: 33.35N Lon: 50.80E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	131	18	EPg		059	31.74	0.0							1.0
GHVR	BN	131	18	ESg		059	47.71	0.0							1.0
ASAO	BZ	151	332	EPg		059	35.19	0.3							1.0
ASAO	BE	151	332	ESg		059	52.98	-0.2							1.0
ASAO	BN	151	332	AML		059	54.86			70	0.4				
NASN	BZ	197	108	EPg		059	41.94	-0.4							1.0
NASN	BN	197	108	ESg		1 0	6.34	0.2							1.0
DAMV	BZ	274	23	EPn		059	51.83	0.1							1.0
DAMV	BN	274	23	AML		1 0	26.70			34	0.2				
DAMV	BE	274	23	AML		1 0	27.23			53	0.2				

**March 13 2007 Hour: 5:14 14.8 Lat: 31.99N Lon: 55.71E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.2ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	244	155	EPn		514	53.24	0.2							1.0
KRBR	BN	244	155	ESg		515	23.86	-0.1							1.0
KRBR	BE	244	155	AML		515	29.01			289	0.4				
NASN	BZ	288	289	EPn		514	58.74	0.3							1.0
NASN	BN	288	289	ESg		515	36.01	0.0							1.0
NASN	BE	288	289	AML		515	43.15			83	0.6				
NASN	BN	288	289	AML		515	46.58			68	0.5				
GHVR	BZ	500	305	EPn		515	24.52	0.0							0.8
DAMV	BZ	532	320	EPn		515	28.82	0.0							0.8
ASAO	BZ	601	300	EPn		515	36.97	-0.4							0.7
CHTH	BZ	607	317	EPn		515	37.96	-0.1							0.7

**March 13 2007 Hour: 9:38 18.6 Lat: 32.16N Lon: 55.54E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.2ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BZ	266	286	EPn		938	59.82	0.1							1.0
NASN	BN	266	286	ESg		939	34.01	0.0							1.0
NASN	BN	266	286	AML		939	43.09			74	0.8				
KRBR	BZ	268	154	EPn		938	59.93	0.1							1.0
KRBR	BE	268	154	ESg		939	34.30	-0.1							1.0
KRBR	BE	268	154	AML		939	39.64			248	0.6				
ASAO	BZ	578	299	EPn		939	38.41	0.1							0.8
CHTH	BZ	582	317	EPn		939	38.64	-0.2							0.8

**March 13 2007 Hour: 10:43 48.5 Lat: 32.06N Lon: 48.33E Depth: 35 Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	45	83	EPg		1043	57.74	-0.1							1.0
SHGR	BE	45	83	ESg		1044	4.66	0.1							1.0
SHGR	BN	45	83	AML		1044	14.94			549	0.5				
SHGR	BE	45	83	AML		1044	20.78			645	0.7				
ASAO	BZ	318	29	EPn		1044	34.23	0.3							0.9
ASAO	BE	318	29	ESg		1045	15.93	0.0							0.9
ASAO	BE	318	29	AML		1045	18.54			14	0.8				
GHVR	BZ	382	45	EPn		1044	41.47	-0.3							0.9
NASN	BZ	429	78	EPn		1044	47.93	0.0							0.9

**March 13 2007 Hour: 21:37 40.1 Lat: 33.81N Lon: 48.83E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	137	53	EPg		2138	2.79	-0.3							1.0
ASAO	BN	137	53	ESg		2138	19.94	0.1							1.0
ASAO	BN	137	53	AML		2138	24.08			156	0.4				
ASAO	BE	137	53	AML		2138	24.55			113	0.6				
SHGR	BZ	189	181	EPg		2138	10.90	-0.3							1.0
SHGR	BE	189	181	ESg		2138	34.11	0.2							1.0
SHGR	BN	189	181	AML		2138	39.58			77	0.4				
SNGE	BZ	197	317	EPg		2138	12.64	0.1							1.0
GHVR	BZ	235	71	EPg		2138	18.71	0.2							1.0
CHTH	BZ	313	41	EPn		2138	26.94	0.0							1.0
NASN	BZ	387	106	EPn		2138	36.14	0.0							0.9

**March 14 2007 Hour: 5:53 13.2 Lat: 33.60N Lon: 49.04E Depth: 15 Agency: INS Local**  
**Magnitudes: 2.9ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	139	41	EPg		553	36.32	-0.2							1.0
ASAO	BN	139	41	ESg		553	53.87	0.4							1.0
ASAO	BN	139	41	AML		553	55.38			211	0.4				
SHGR	BZ	167	188	EPg		553	41.00	0.2							1.0
SHGR	BE	167	188	AML		554	8.01			166	0.5				

SHGR	BN	167	188	AML		554	8.19			143	0.5				
GHVR	BZ	226	64	EPg		553	49.43	-0.7							1.0
SNGE	BZ	227	317	EPg		553	50.32	-0.2							1.0
CHTH	BZ	319	36	EPn		554	1.17	0.5							0.9

**March 14 2007 Hour: 6:20 9.0 Lat: 35.67N Lon: 50.98E Depth: 32 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THKV	BZ	29	342	EPg		620	16.70	0.3							1.0
THKV	BE	29	342	AML		620	22.34			2291	0.1				
THKV	BN	29	342	AML		620	22.38			2933	0.1				
CHTH	BZ	30	27	EPg		620	16.18	-0.4							1.0
CHTH	BE	30	27	AML		620	21.73			1519	0.1				
DAMV	BZ	90	92	EPg		620	24.89	0.2							1.0
DAMV	BN	90	92	ESg		620	36.23	0.0							1.0
DAMV	BE	90	92	AML		620	38.88			334	0.1				
DAMV	BN	90	92	AML		620	38.92			222	0.1				
GHVR	BZ	134	169	EPg		620	31.10	-0.1							1.0
GHVR	BE	134	169	ESg		620	47.56	0.1							1.0
ASAO	BZ	152	215	EPg		620	33.97	0.0							1.0
ASAO	BN	152	215	ESg		620	52.27	0.0							1.0

**March 14 2007 Hour: 22:23 20.4 Lat: 31.73N Lon: 49.91E Depth: 29 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	113	292	EPg		2223	38.97	-0.3							1.0
SHGR	BE	113	292	ESg		2223	53.45	0.4							1.0
SHGR	BN	113	292	AML		2223	56.66			239	0.4				
SHGR	BE	113	292	AML		2223	56.84			167	0.3				
NASN	BZ	298	66	EPn		2224	4.02	0.1							1.0
ASAO	BZ	313	2	EPn		2224	6.38	0.6							1.0
ASAO	BN	313	2	ESg		2224	46.33	-0.1							1.0
ASAO	BN	313	2	AML		2224	58.82			9	0.7				
ASAO	BE	313	2	AML		2224	59.42			8	0.4				
GHVR	BZ	330	22	EPn		2224	7.51	-0.1							0.9
SNGE	BZ	443	328	EPn		2224	21.15	-0.7							0.9

**March 17 2007 Hour: 1:45 37.3 Lat: 34.20N Lon: 48.42E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SNGE	BZ	140	315	EPg		146	0.81	0.1							1.0
ASAO	BZ	152	75	EPg		146	2.63	-0.1							1.0
ASAO	BE	152	75	ESg		146	21.41	0.1							1.0
ASAO	BN	152	75	AML		146	28.56			69	0.5				
SHGR	BZ	235	171	EPg		146	15.42	-0.2							1.0
SHGR	BE	235	171	ESg		146	43.82	0.2							1.0
SHGR	BE	235	171	AML		146	46.13			66	0.5				
SHGR	BN	235	171	AML		146	46.72			52	0.6				
CHTH	BZ	311	52	EPn		146	23.90	0.0							1.0

**March 17 2007 Hour: 14:20 23.8 Lat: 27.10N Lon: 58.07E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.8ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	344	338	EPg		1421	19.65	-0.1							1.0
KRBR	BN	344	338	ESg		1422	0.58	0.0							1.0
KRBR	BN	344	338	AML		1422	3.88			5902	0.2				
NASN	BZ	811	322	EPn		1422	12.43	-0.1							0.6
NASN	BN	811	322	AML		1423	39.37			60	0.8				
GHVR	BZ	1047	323	EPn		1422	42.20	0.6							0.4
SHGR	BZ	1055	304	EPn		1422	42.20	-0.3							0.4
DAMV	BZ	1109	330	EPn		1422	49.63	0.1							0.4
ASAO	BZ	1128	319	EPn		1422	51.95	0.1							0.4
CHTH	BZ	1178	328	EPn		1422	58.04	0.0							0.3

**March 18 2007 Hour: 0:13 15.7 Lat: 35.55N Lon: 52.61E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.8ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	59	279	EPg		013	25.99	-0.3							1.0
DAMV	BE	59	279	ESg		013	34.14	0.1							1.0
DAMV	BE	59	279	AML		013	38.13			273	0.3				
DAMV	BN	59	279	AML		013	38.46			273	0.5				
CHTH	BZ	140	287	EPg		013	39.31	0.1							1.0
CHTH	BE	140	287	ESg		013	56.24	-0.1							1.0
THKV	BZ	162	285	EPg		013	42.80	0.2							1.0
THKV	BN	162	285	ESg		014	2.32	0.0							1.0
THKV	BN	162	285	AML		014	4.80			52	0.3				
GHVR	BZ	172	227	EPg		013	44.19	0.0							1.0
GHVR	BN	172	227	AML		014	10.88			1262	0.2				
ASAO	BZ	261	245	EPn		013	56.04	0.0							1.0

**March 18 2007 Hour: 14:19 42.1 Lat: 28.30N Lon: 51.84E Depth: 15 Agency: INS Local**  
**Magnitudes: 4.1ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BZ	507	10	EP		1420	52.94	0.0							1.0
KRBR	BZ	514	68	EPn		1420	53.79	0.0							1.0
KRBR	BN	514	68	AML		1421	54.43			201	0.7				
ASAO	BZ	714	347	EPn		1421	18.59	0.1							0.8
ASAO	BN	714	347	AML		1422	38.13			43	0.6				
ASAO	BE	714	347	AML		1422	41.09			39	0.6				
DAMV	BZ	813	1	EPn		1421	30.85	0.0							0.7
SNGE	BZ	865	332	EP		1421	37.20	-0.1							0.7

**March 19 2007 Hour: 0:41 11.6 Lat: 39.33N Lon: 44.61E Depth: 18 Agency: INS Local**  
**Magnitudes: 3.8ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MAKU	BZ	7	62	EPg		041	15.20	0.0							1.0
MAKU	BN	7	62	AML		041	16.66			119000	0.2				
GRMI	BZ	290	100	EPg		041	58.67	0.0							1.0
GRMI	BE	290	100	ESg		042	33.15	0.0							1.0
GRMI	BE	290	100	AML		042	34.98			154	0.5				
GRMI	BN	290	100	AML		042	36.99			185	0.4				
SNGE	BZ	529	152	EPn		042	24.74	0.0							0.8

**March 19 2007 Hour: 1:25 9.1 Lat: 32.01N Lon: 48.97E Depth: 27 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	19	303	EPg		125	14.67	0.0							1.0
SHGR	BE	19	303	ESg		125	18.76	0.0							1.0
SHGR	BE	19	303	AML		125	23.01			891	0.7				
SHGR	BN	19	303	AML		125	24.00			680	0.9				
ASAO	BZ	298	19	EPn		125	52.57	-0.1							1.0
ASAO	BN	298	19	ESg		126	31.06	0.0							1.0
ASAO	BN	298	19	AML		126	35.18			12	0.6				
NASN	BZ	371	75	EPn		126	1.90	0.0							0.9
SNGE	BZ	373	337	EPn		126	2.11	0.1							0.9

**March 20 2007 Hour: 9:22 48.0 Lat: 36.97N Lon: 49.59E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THKV	BZ	165	135	EPg		923	15.45	0.0							1.0
THKV	BN	165	135	AML		923	36.42			204	0.1				
THKV	BE	165	135	AML		923	40.92			175	0.3				
CHTH	BZ	182	130	EPg		923	17.90	-0.2							1.0
CHTH	BN	182	130	ESg		923	40.03	-0.1							1.0
GRMI	BZ	252	324	EPn		923	27.19	0.0							1.0
DAMV	BZ	261	124	EPg		923	30.66	0.0							1.0
DAMV	BE	261	124	ESg		924	1.99	0.2							1.0

DAMV	BE	261	124	AML		924	3.56			71	0.3			
DAMV	BN	261	124	AML		924	4.63			95	0.3			
ASAO	BZ	272	171	EPn		923	29.85	0.1						1.0
SNGE	BZ	290	225	EPn		923	31.90	-0.1						1.0

**March 20 2007 Hour: 22:25 46.2 Lat: 30.56N Lon: 57.15E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	74	210	EPg		2225	59.26	0.0							1.0
KRBR	BN	74	210	AML		2226	9.45			667	0.1				
ZHSF	BZ	365	106	EPn		2226	39.61	0.3							0.9
ZHSF	BE	365	106	ESg		2227	28.27	-0.2							0.9
NASN	BZ	481	302	EPn		2226	53.77	-0.1							0.8
NASN	BE	481	302	AML		2228	10.10			4	0.5				

**March 21 2007 Hour: 17:35 38.1 Lat: 30.96N Lon: 50.13E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	179	316	EPg		1736	7.40	-0.1							1.0
SHGR	BE	179	316	ESg		1736	29.01	0.0							1.0
SHGR	BN	179	316	AML		1736	32.19			515	0.6				
SHGR	BE	179	316	AML		1736	36.03			258	0.4				
NASN	BZ	325	51	EPn		1736	26.45	0.1							0.9
NASN	BN	325	51	Sn		1737	1.53	-0.1							0.9
NASN	BE	325	51	AML		1737	4.83			15	0.5				
NASN	BN	325	51	AML		1737	18.72			17	0.6				
ASAO	BZ	398	359	EPn		1736	35.23	0.0							0.9
ASAO	BE	398	359	Sn		1737	16.99	0.0							0.9
ASAO	BE	398	359	AML		1737	23.19			19	0.5				
ASAO	BN	398	359	AML		1737	38.62			26	0.6				
GHVR	BZ	404	15	EPn		1736	35.89	0.0							0.9
GHVR	BN	404	15	AML		1737	22.26			250	0.2				

**March 21 2007 Hour: 21:14 58.6 Lat: 34.69N Lon: 53.40E Depth: 46 Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	167	309	EPg		2115	26.43	0.0							1.0
DAMV	BN	167	309	ESg		2115	46.80	0.1							1.0
DAMV	BE	167	309	AML		2115	48.24			16	0.4				
DAMV	BN	167	309	AML		2115	49.73			7	0.3				
GHVR	BZ	199	264	EPg		2115	30.83	-0.3							1.0
GHVR	BN	199	264	ESg		2115	54.84	0.1							1.0
GHVR	BN	199	264	AML		2115	56.36			728	0.3				
GHVR	BE	199	264	AML		2115	59.44			617	0.1				
NASN	BZ	216	195	EPg		2115	33.93	0.0							1.0
NASN	BN	216	195	ESg		2115	59.66	0.0							1.0
NASN	BE	216	195	AML		2116	0.81			31	0.4				
NASN	BN	216	195	AML		2116	1.34			31	0.2				
ASAO	BZ	310	268	EPn		2115	42.15	0.0							1.0

**March 22 2007 Hour: 23:16 34.6 Lat: 38.06N Lon: 48.38E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	93	333	EPg		2316	50.26	-0.3							1.0
GRMI	BE	93	333	ESg		2317	2.32	0.1							1.0
GRMI	BE	93	333	AML		2317	3.28			2257	0.5				
GRMI	BN	93	333	AML		2317	3.38			2001	0.3				
THKV	BZ	326	136	EPn		2317	23.14	0.2							0.9
THKV	BE	326	136	AML		2318	7.35			87	0.5				
THKV	BN	326	136	AML		2318	12.39			98	0.8				
CHTH	BZ	342	134	EPn		2317	25.12	0.1							0.9
SNGE	BZ	342	196	EPn		2317	24.89	-0.1							0.9
MAKU	BZ	352	295	EPn		2317	26.41	0.2							0.9
ASAO	BZ	417	159	EPn		2317	34.38	0.0							0.9

ASAO	BE	417	159	ESg		2318	31.10	-0.2								0.9
DAMV	BZ	419	129	EPn		2317	34.71	0.1								0.9
GHVR	BZ	474	146	EPn		2317	41.24	0.1								0.8
MRVT	BZ	680	91	EPn		2318	6.50	-0.3								0.7

**March 23 2007 Hour: 13:4 39.3 Lat: 31.22N Lon: 50.73E Depth: 18 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	207	299	EPg		13	5	13.22	-0.1						1.0
SHGR	BN	207	299	ESg		13	5	38.18	0.1						1.0
SHGR	BE	207	299	AML		13	5	54.76		166	0.5				
SHGR	BN	207	299	AML		13	5	54.85		142	0.6				
NASN	BZ	263	48	EPn		13	5	19.72	0.1						1.0
NASN	BE	263	48	ESg		13	5	53.95	0.1						1.0
GHVR	BZ	364	8	EPn		13	5	31.79	-0.2						0.9
GHVR	BN	364	8	AML		13	6	27.40		193	0.3				
ASAO	BZ	374	350	EPn		13	5	33.43	0.0						0.9
ASAO	BN	374	350	ESg		13	6	24.30	0.0						0.9
ASAO	BE	374	350	AML		13	6	32.37		15	0.9				
ASAO	BN	374	350	AML		13	6	35.84		16	0.6				
DAMV	BZ	502	13	EPn		13	5	49.16	-0.1						0.8
SNGE	BZ	532	325	EPn		13	5	52.99	0.0						0.8

**March 23 2007 Hour: 15:10 35.5 Lat: 30.74N Lon: 56.74E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.8ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	84	179	EPg		1510	49.91	-0.1							1.0
KRBR	BN	84	179	ESg		1511	0.72	0.1							1.0
KRBR	BN	84	179	AML		1511	6.92			494	0.2				
ZHSF	BZ	408	107	EPn		1511	33.95	0.0							0.9
ZHSF	BN	408	107	AML		1512	19.47			14	0.7				
NASN	BZ	437	303	EPn		1511	37.86	0.1							0.9
NASN	BE	437	303	ESg		1512	37.75	0.0							0.9
NASN	BE	437	303	AML		1512	44.78			10	0.4				
NASN	BN	437	303	AML		1512	48.08			13	0.6				

**March 23 2007 Hour: 21:38 2.1 Lat: 27.47N Lon: 55.15E Depth: 15 Agency: INS Local**  
**Magnitudes: 4.9ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	319	29	EPn		2138	49.63	0.0							1.0
KRBR	BN	319	29	ESg		2139	32.05	0.0							1.0
KRBR	BN	319	29	AML		2139	36.52			1172	0.5				
ZHSF	BZ	599	65	EPn		2139	24.25	0.0							0.8
NASN	BZ	632	340	EPn		2139	28.56	0.0							0.8
SHGR	BZ	801	311	EPn		2139	49.07	0.0							0.6
GHVR	BZ	862	335	EPn		2139	56.78	0.0							0.6
GHVR	BN	862	335	AML		2141	54.73			442	0.5				
ASAO	BZ	925	329	EPn		2140	4.68	-0.1							0.5
DAMV	BZ	954	342	EPn		2140	8.42	0.0							0.5
CHTH	BZ	1010	339	EPn		2140	15.41	0.0							0.5
THKV	BZ	1020	338	EPn		2140	16.73	0.2							0.5

**March 25 2007 Hour: 14:17 34.3 Lat: 33.54N Lon: 49.07E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	142	38	EPg		1417	58.18	0.0							1.0
ASAO	BE	142	38	ESg		1418	15.39	-0.2							1.0
ASAO	BE	142	38	AML		1418	21.64			41	0.4				
SHGR	BZ	161	189	EPg		1418	0.90	-0.1							1.0
SHGR	BE	161	189	AML		1418	26.02			42	0.4				
SHGR	BN	161	189	AML		1418	31.34			33	0.3				
GHVR	BZ	226	62	EPg		1418	11.35	0.0							1.0
GHVR	BN	226	62	ESg		1418	38.56	0.1							1.0
GHVR	BN	226	62	AML		1418	51.35			201	0.5				

SNGE BZ 234 318 EPn 1418 11.37 0.1 1.0

**March 26 2007 Hour: 6:36 50.0 Lat: 29.17N Lon: 58.45E Depth: 14 Agency: INS Local**  
**Magnitudes: 5.0ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	187	299	EPg		637	20.78	-0.2							1.0
KRBR	BN	187	299	ESg		637	43.57	0.0							1.0
KRBR	BN	187	299	AML		637	52.66		28056	0.5					
ZHSF	BZ	231	77	EPg		637	27.84	0.0							1.0
ZHSF	BN	231	77	ESg		637	55.33	-0.1							1.0
NASN	BZ	673	308	EPn		638	21.88	0.3							0.7
NASN	BN	673	308	AML		640	8.74		307	0.5					
DAMV	BZ	940	321	EPn		638	54.97	0.2							0.5
SHGR	BZ	981	292	EPn		638	59.41	0.0							0.5
ASAO	BZ	995	309	EPn		639	1.71	0.1							0.4
CHTH	BZ	1015	319	EPn		639	4.30	0.2							0.4
THKV	BZ	1032	318	EPn		639	6.30	0.3							0.4
SNGE	BZ	1236	305	EPn		639	31.33	-0.1							0.3
GRMI	BZ	1446	320	EPn		639	57.19	-0.2							0.1

**March 26 2007 Hour: 6:55 34.4 Lat: 32.00N Lon: 50.70E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	180	274	EPg		656	3.80	-0.1							1.0
SHGR	BE	180	274	AML		656	40.33		288	0.5					
SHGR	BN	180	274	AML		656	43.92		264	0.7					
NASN	BZ	217	65	EPn		656	9.14	-0.2							1.0
GHVR	BZ	280	10	EPn		656	17.19	0.4							1.0
ASAO	BZ	289	348	EPn		656	18.58	0.4							1.0
ASAO	BN	289	348	ESg		656	55.79	-0.2							1.0
ASAO	BN	289	348	AML		657	6.47		81	0.7					
ASAO	BE	289	348	AML		657	8.25		93	0.8					
DAMV	BZ	419	16	EPn		656	34.24	-0.1							0.9
DAMV	BE	419	16	AML		657	46.00		29	0.4					
CHTH	BZ	435	5	EPn		656	36.15	-0.2							0.9

**March 26 2007 Hour: 7: 4 32.7 Lat: 31.67N Lon: 48.85E Depth: 8F Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	48	354	EPg		7 4	41.42	0.0							1.0
SHGR	BN	48	354	ESg		7 4	47.74	0.0							1.0
ASAO	BZ	337	19	EPn		7 5	23.30	0.1							0.9
ASAO	BE	337	19	AML		7 6	14.51		229	0.6					
ASAO	BN	337	19	AML		7 6	19.92		276	0.7					
GHVR	BZ	383	35	EPn		7 5	29.21	0.4							0.9
SNGE	BZ	404	340	EPn		7 5	31.62	0.1							0.9
THKV	BZ	507	21	EPn		7 5	43.44	-0.8							0.8
THKV	BN	507	21	AML		7 7	14.17		47	0.9					
THKV	BE	507	21	AML		7 7	19.24		54	0.7					

**March 26 2007 Hour: 11: 0 45.3 Lat: 28.64N Lon: 57.48E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.5ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	164	335	EPg		11 1	12.60	-0.1							1.0
KRBR	BN	164	335	ESg		11 1	32.70	0.0							1.0
ZHSF	BZ	338	71	EPn		11 1	35.10	0.0							0.9
ZHSF	BN	338	71	AML		11 2	31.98		125	0.6					
ZHSF	BE	338	71	AML		11 2	41.25		112	0.4					
NASN	BZ	642	317	EPn		11 2	13.16	0.1							0.7
NASN	BE	642	317	AML		11 4	2.73		20	0.8					
NASN	BN	642	317	AML		11 4	5.31		19	0.5					

**March 26 2007 Hour: 14:28 8.0 Lat: 36.31N Lon: 50.38E Depth: 26 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THKV	BZ	63	134	EPg		1428	19.05	-0.3							1.0
THKV	BN	63	134	AML		1428	34.14			405	0.0				
CHTH	BZ	81	124	EPg		1428	21.83	-0.3							1.0
DAMV	BZ	162	117	EPg		1428	34.93	0.4							1.0
DAMV	BE	162	117	AML		1429	0.20			156	0.2				
DAMV	BN	162	117	AML		1429	0.20			95	0.2				
ASAO	BZ	198	190	EPg		1428	39.95	-0.1							1.0
GHVR	BZ	218	159	EPg		1428	43.40	0.5							1.0
SNGE	BZ	306	245	EPn		1428	52.76	0.1							1.0
NASN	BZ	449	150	EPn		1429	10.22	-0.3							0.9

**March 26 2007 Hour: 16:13 27.4 Lat: 39.47N Lon: 50.97E Depth: 15F Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	276	255	EPn		1614	9.41	0.0							1.0
GRMI	BN	276	255	ESg		1614	45.24	0.0							1.0
GRMI	BE	276	255	AML		1614	48.07			286	0.0				
CHTH	BZ	396	178	EPn		1614	24.44	0.0							0.9
DAMV	BZ	436	168	EPn		1614	29.18	-0.1							0.9
DAMV	BN	436	168	AML		1615	21.47			156	0.4				
DAMV	BE	436	168	AML		1615	21.85			84	0.8				
ASAO	BZ	553	189	EPn		1614	43.96	0.1							0.8
GHVR	BZ	555	177	EPn		1614	44.02	0.1							0.8

**March 26 2007 Hour: 21:19 8.3 Lat: 31.21N Lon: 56.84E Depth: 18 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	136	183	EPg		2119	31.20	0.0							1.0
KRBR	BN	136	183	AML		2119	50.32			660	0.6				
ZHSF	BZ	418	114	EPn		2120	7.71	0.1							0.9
NASN	BZ	420	296	EPn		2120	7.93	-0.1							0.9
NASN	BN	420	296	ESg		2121	5.91	0.1							0.9
NASN	BE	420	296	AML		2121	13.53			36	0.2				
NASN	BN	420	296	AML		2121	15.28			56	0.5				

**March 28 2007 Hour: 3:58 12.6 Lat: 32.95N Lon: 46.30E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.9ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	253	111	EPg		358	53.53	-0.3							1.0
SHGR	BE	253	111	ESg		359	23.72	-0.1							1.0
SHGR	BN	253	111	AML		359	34.52			667	0.6				
SHGR	BE	253	111	AML		359	38.66			535	0.4				
SNGE	BZ	256	22	EPg		358	53.90	-0.6							1.0
ASAO	BZ	387	62	EPn		359	9.76	1.1							0.9
ASAO	BN	387	62	AML		359	52.92			274	0.6				
ASAO	BE	387	62	AML		359	53.76			359	0.6				
THKV	BZ	534	51	EPn		359	27.05	0.3							0.8
THKV	BN	534	51	AML		4 0	25.09			86	0.6				
DAMV	BZ	600	59	EPn		359	34.91	-0.2							0.7
DAMV	BE	600	59	AML		4 0	36.87			68	0.6				
DAMV	BN	600	59	AML		4 0	37.42			65	0.6				

**March 28 2007 Hour: 6:52 38.4 Lat: 38.56N Lon: 48.58E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.2ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	66	296	EPg		652	50.04	0.1							1.0
GRMI	BN	66	296	ESg		652	58.39	0.0							1.0
GRMI	BN	66	296	AML		652	58.64			2391	0.2				
THKV	BZ	357	144	EPn		653	30.62	0.0							0.9
THKV	BE	357	144	Sn		654	8.80	0.0							0.9



CHTH	BZ	371	142	EPn		653	32.36	0.0									0.9
SNGE	BZ	400	196	EPn		653	35.99	0.1									0.9
DAMV	BZ	443	136	EPn		653	41.43	0.0									0.9
DAMV	BN	443	136	AML		654	34.25			21	0.4						
ASAO	BZ	463	163	EPn		653	43.72	-0.1									0.8

**March 28 2007 Hour: 15: 5 52.8 Lat: 35.61N Lon: 49.37E Depth: 41 Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	132	153	EPg		15	6	15.09	-0.1						1.0
ASAO	BN	132	153	ESg		15	6	31.57	0.0						1.0
THKV	BZ	140	76	EPg		15	6	16.35	0.0						1.0
THKV	BN	140	76	ESg		15	6	33.62	0.1						1.0
THKV	BN	140	76	AML		15	6	40.02		793	0.4				
THKV	BE	140	76	AML		15	6	42.05		785	0.6				
CHTH	BZ	162	78	EPg		15	6	19.51	-0.2						1.0
CHTH	BN	162	78	AML		15	6	44.00		461	0.4				
SNGE	BZ	193	253	EPg		15	6	24.36	0.0						1.0
GHVR	BZ	212	126	EPg		15	6	27.20	0.1						1.0
GHVR	BN	212	126	AML		15	7	1.76		4100	0.6				
DAMV	BZ	235	89	EPg		15	6	30.94	0.1						1.0
DAMV	BN	235	89	AML		15	7	2.13		507	0.5				
DAMV	BE	235	89	AML		15	7	9.52		273	0.4				

**March 28 2007 Hour: 18:26 12.2 Lat: 32.58N Lon: 48.35E Depth: 17 Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	67	141	EPg		1826	23.85	-0.1							1.0
SHGR	BE	67	141	ESg		1826	32.50	0.0							1.0
SHGR	BN	67	141	AML		1826	48.05			204	0.6				
ASAO	BZ	268	35	EPn		1826	52.96	-0.1							1.0
ASAO	BN	268	35	ESg		1827	27.95	0.0							1.0
ASAO	BN	268	35	AML		1827	41.55			27	0.7				
ASAO	BE	268	35	AML		1827	42.29			21	0.7				
SNGE	BZ	294	342	EPn		1826	56.33	0.0							1.0
GHVR	BZ	341	51	EPn		1827	2.19	0.1							0.9
GHVR	BN	341	51	AML		1828	2.89			12	0.6				
NASN	BZ	418	85	EPn		1827	11.82	0.0							0.9

**March 29 2007 Hour: 2:38 42.9 Lat: 27.80N Lon: 55.26E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.8ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	283	31	EPn		239	26.21	0.2							1.0
KRBR	BN	283	31	ESg		240	2.74	0.0							1.0
KRBR	BN	283	31	AML		240	7.21			181	0.7				
ZHSF	BZ	575	68	EPn		240	1.99	-0.2							0.8
NASN	BZ	602	338	EPn		240	5.68	-0.1							0.8
NASN	BE	602	338	Sn		241	6.13	-0.1							0.8
NASN	BN	602	338	AML		241	18.48			14	0.4				
GHVR	BZ	834	334	EPn		240	34.27	0.0							0.6
ASAO	BZ	899	328	EPn		240	42.44	-0.1							0.5
ASAO	BE	899	328	Sn		242	9.95	0.1							0.5
ASAO	BN	899	328	AML		242	19.77			20	0.6				
ASAO	BE	899	328	AML		242	20.98			18	0.6				

**March 29 2007 Hour: 10:20 44.6 Lat: 32.16N Lon: 49.54E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	268	10	EPg		1021	28.23	-0.2							1.0
ASAO	BN	268	10	ESg		1022	0.62	0.1							1.0
ASAO	BN	268	10	AML		1022	6.85			36	0.8				
ASAO	BE	268	10	AML		1022	8.80			32	0.5				
GHVR	BZ	302	31	EPn		1021	29.96	0.1							1.0
GHVR	BE	302	31	ESg		1022	9.45	-0.1							1.0

NASN	BZ	315	76	EPn		1021	31.74	0.0							1.0
THKV	BZ	434	16	EPn		1021	46.46	0.1							0.9
THKV	BN	434	16	AML		1023	0.24			11	0.8				
THKV	BE	434	16	AML		1023	1.20			13	0.7				

**March 30 2007 Hour: 15:31 47.5 Lat: 33.60N Lon: 49.11E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	135	39	EPg		1532	10.22	0.0							1.0
ASAO	BN	135	39	ESg		1532	27.23	0.4							1.0
ASAO	BE	135	39	AML		1532	31.36			143	0.4				
ASAO	BN	135	39	AML		1532	31.58			206	0.5				
GHVR	BZ	220	63	EPg		1532	22.85	-0.8							1.0
GHVR	BE	220	63	ESg		1532	50.15	0.2							1.0
GHVR	BN	220	63	AML		1533	0.25			759	0.5				
SNGE	BZ	232	316	EPg		1532	25.64	0.2							1.0
THKV	BZ	304	32	EPn		1532	32.80	-0.3							1.0
THKV	BE	304	32	ESg		1533	12.95	-0.1							1.0
THKV	BE	304	32	AML		1533	21.85			24	0.5				
NASN	BZ	356	103	EPn		1532	40.23	0.5							0.9

**March 30 2007 Hour: 17:50 29.3 Lat: 34.07N Lon: 48.48E Depth: 17F Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	152	69	EPg		1750	54.07	-0.6							1.0
ASAO	BN	152	69	ESg		1751	13.19	-0.1							1.0
ASAO	BN	152	69	AML		1751	14.52			396	0.6				
ASAO	BE	152	69	AML		1751	15.53			289	0.4				
SNGE	BZ	154	318	EPg		1750	54.68	-0.3							1.0
GHVR	BZ	259	79	EPg		1751	11.56	0.0							1.0
GHVR	BN	259	79	ESg		1751	42.31	-0.1							1.0
CHTH	BN	316	49	ESg		1751	58.26	-0.1							1.0
DAMV	BZ	363	61	EPn		1751	23.66	1.6							0.9
DAMV	BE	363	61	AML		1752	10.68			41	0.6				
DAMV	BN	363	61	AML		1752	17.25			40	0.4				
NASN	BZ	427	108	EPn		1751	29.65	-0.3							0.9

**March 31 2007 Hour: 18:29 52.9 Lat: 36.36N Lon: 51.55E Depth: 29 Agency: INS Local**  
**Magnitudes: 2.7ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CHTH	BZ	63	217	EPg		1830	4.35	-0.1							1.0
CHTH	BN	63	217	ESg		1830	12.83	-0.2							1.0
CHTH	BN	63	217	AML		1830	14.67			495	0.4				
CHTH	BE	63	217	AML		1830	15.34			258	0.5				
THKV	BZ	78	231	EPg		1830	6.92	0.3							1.0
THKV	BN	78	231	ESg		1830	16.90	0.2							1.0
DAMV	BZ	90	155	EPg		1830	8.53	0.1							1.0
DAMV	BN	90	155	ESg		1830	19.68	-0.1							1.0
DAMV	BE	90	155	AML		1830	21.89			202	0.4				
ASAO	BZ	244	215	EPg		1830	31.60	-0.4							1.0
ASAO	BN	244	215	ESg		1831	0.81	0.2							1.0
ASAO	BE	244	215	AML		1831	3.99			72	0.5				
ASAO	BN	244	215	AML		1831	7.08			38	0.6				
GRMI	BZ	422	311	EPn		1830	51.40	-0.2							0.9
MRVT	BZ	429	69	EPn		1830	52.69	0.2							0.9

**March 31 2007 Hour: 23:57 57.5 Lat: 38.08N Lon: 44.76E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.8ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MAKU	BZ	142	357	EPg		2358	21.21	-0.1							1.0
MAKU	BE	142	357	ESg		2358	38.76	0.1							1.0
MAKU	BN	142	357	AML		2358	48.09			125	0.6				
MAKU	BE	142	357	AML		2358	48.38			186	0.4				
GRMI	BZ	285	72	EPn		2358	40.86	0.1							1.0

GRMI	BN	285	72	ESg	2359	17.81	-0.1				1.0
GRMI	BN	285	72	AML	2359	22.94		49	0.6		
GRMI	BE	285	72	AML	2359	28.28		41	0.6		
SNGE	BZ	404	144	EPn	2358	55.53	0.0				0.9

## IIES EARTHQUAKES CATALOGUE (January to March 2007)

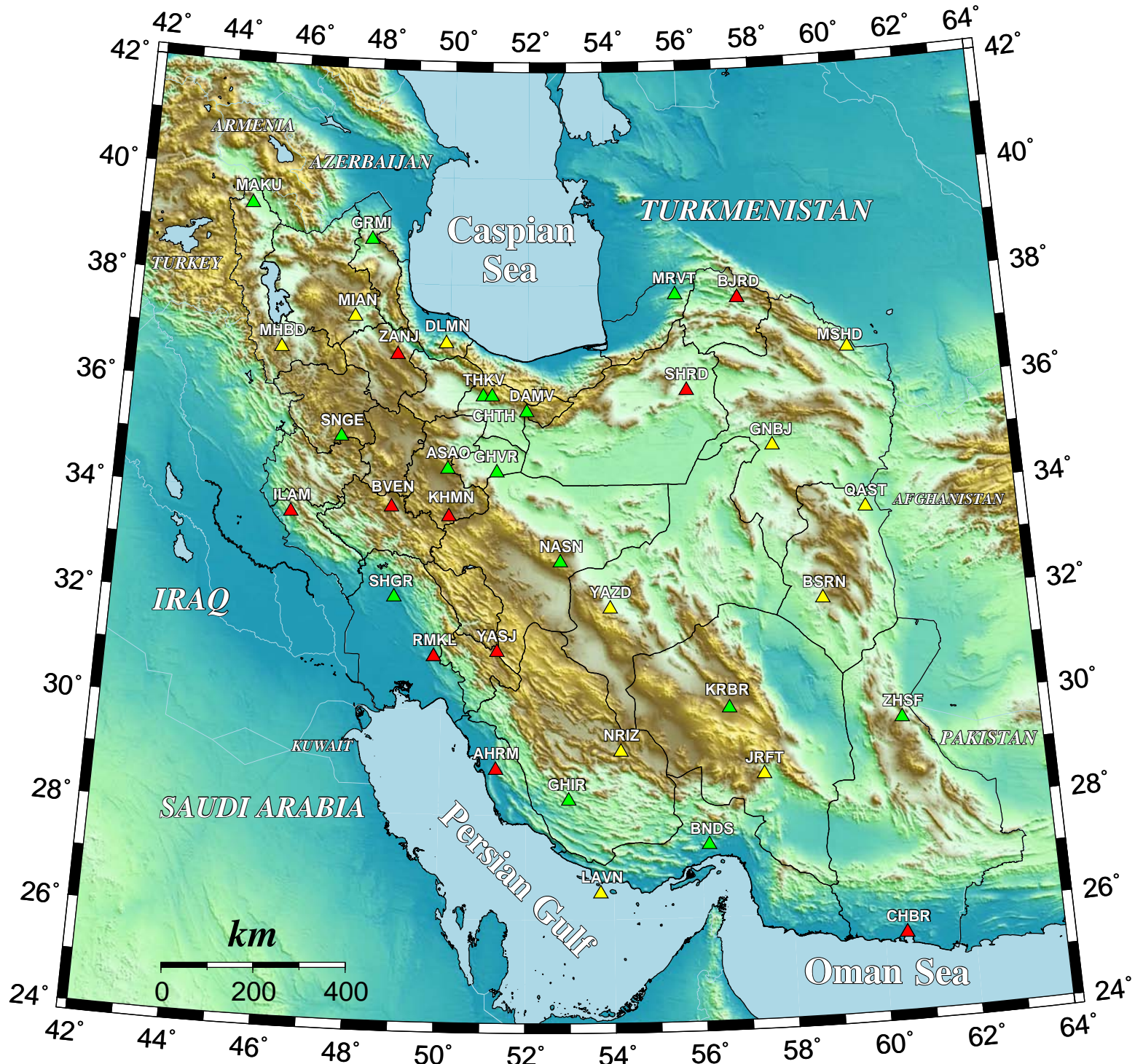
Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	Dmin	Rms	M <sub>L</sub>	Mb
2007	1	1	20	0	8.9	0.44	31.364	3.9	49.911	3.5	14.1	8.4	3	5	249	133.7	0.11	3.0	
2007	1	1	20	3	24.3	0.34	28.199	2.1	54.300	1.5	17.0	4.0	3	4	159	129.3	0.00	2.5	
2007	1	2	0	32	54.8	0.38	28.055	5.1	51.514	4.8	32.2	5.5	5	6	251	146.9	0.10	3.7	
2007	1	2	8	29	13	0.53	32.596	3.8	48.451	7.4	17.9	5.9	4	5	192	63.4	0.13	2.5	
2007	1	2	23	17	15.6	1.18	29.381	10.3	51.349	13.2	15.1	0.0	5	6	195	200.7	0.49	4.0	
2007	1	3	7	49	10.5	0.72	32.271	7.4	55.520	7.6	14.1	11.7	7	9	159	261.4	0.24	4.0	
2007	1	4	13	52	48.4	0.37	38.862	3.3	46.007	1.7	15.3	4.4	5	8	155	126.9	0.09	3.8	
2007	1	5	3	16	5.7	0.33	26.628	4.7	54.613	1.4	36.9	3.1	4	6	258	176.7	0.06	3.3	
2007	1	6	16	33	17.6	1.51	28.288	21.8	51.167	19.4	43.9	18.8	6	7	235	178.5	0.67	3.9	
2007	1	6	16	46	6.9	0.40	34.219	7.3	48.928	1.6	17.8	3.5	4	6	234	107.3	0.09	2.6	
2007	1	7	12	46	9.5	0.84	28.534	11.2	52.510	14.2	11.0	0.0	5	6	221	54.2	0.35	3.1	
2007	1	7	15	32	22.2	0.48	33.864	2.5	56.388	2.7	15.0	0.0	9	9	179	353.6	0.20	4.1	
2007	1	7	15	57	33.4	0.70	28.516	11.0	52.435	11.2	11.0	8.2	5	6	227	59.7	0.21	3.4	
2007	1	7	18	25	17.2	0.58	33.695	3.6	56.603	2.8	15.0	0.0	6	6	144	367.3	0.24	3.4	
2007	1	7	22	18	4.2	0.66	32.875	2.8	47.491	10.8	14.1	11.5	5	7	278	149.6	0.18	3.3	
2007	1	9	1	35	6.4	0.34	30.572	5.5	49.595	5.2	30.8	5.2	5	6	286	186.4	0.06	3.1	
2007	1	9	7	6	22.1	0.55	31.707	7.3	48.162	5.9	9.2	7.7	4	5	275	75.1	0.16	2.5	
2007	1	10	22	27	33.3	0.45	26.262	6.6	55.114	1.9	18.0	6.6	3	5	278	164.1	0.10	3.0	
2007	1	10	23	47	7.4	0.32	37.363	4.3	53.879	2.6	41.0	2.4	4	8	200	198.2	0.06	3.1	
2007	1	11	7	15	47.6	0.44	31.285	4.1	49.430	4.4	38.9	5.2	4	5	266	109.0	0.11	3.3	
2007	1	11	18	25	56.7	0.71	37.671	3.2	47.987	5.6	14.1	7.3	7	10	125	126.6	0.23	3.4	
2007	1	12	2	30	37.9	0.33	30.214	2.1	51.749	4.7	14.1	6.0	5	6	191	245.2	0.06	3.1	
2007	1	12	8	0	19.5	0.42	40.028	6.0	45.090	2.8	14.1	6.4	3	5	273	82.4	0.09	3.7	
2007	1	13	18	36	17.4	0.35	35.679	3.9	52.186	5.1	16.2	4.8	4	5	313	20.2	0.05	2.7	
2007	1	14	7	14	7.7	0.36	28.172	4.5	53.884	1.2	9.0	0.0	3	4	168	89.0	0.09	3.1	
2007	1	14	20	35	54.8	0.45	30.138	2.7	51.124	4.1	15.1	7.4	5	7	177	273.8	0.11	2.9	
2007	1	15	21	7	50.1	0.58	38.934	7.3	48.377	6.4	29.8	4.9	7	8	218	44.1	0.19	3.7	
2007	1	16	2	39	29.3	0.35	30.501	2.2	51.689	4.8	18.0	7.6	4	5	189	275.9	0.05	3.1	
2007	1	16	3	53	27.2	0.36	38.223	3.4	48.176	4.5	6.1	7.3	5	6	154	69.6	0.07	2.5	
2007	1	16	10	21	42.4	0.57	36.304	3.9	52.591	5.8	14.1	10.6	4	6	282	93.4	0.17	2.6	
2007	1	16	16	41	14.4	0.43	28.011	2.1	56.568	2.6	14.1	5.4	3	4	205	78.2	0.08	2.7	
2007	1	16	21	30	46.5	0.27	34.667	1.2	51.378	1.6	16.8	5.2	5	8	120	119.7	0.02	2.5	
2007	1	18	2	1	37.2	0.50	29.080	18.1	50.977	6.7	14.1	31.2	5	6	215	215.2	0.15	3.1	
2007	1	18	14	48	24	1.23	32.677	5.5	48.786	6.6	14.1	12.2	5	6	155	63.0	0.37	3.3	

Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	Dmin	Rms	M <sub>L</sub>	Mb
2007	1	19	5	47	14.3	1.80	32.916	6.9	48.711	13.6	34.8	12.0	8	9	158	90.0	0.52	4.2	
2007	1	19	8	9	40.1	0.51	32.735	2.0	49.105	4.0	14.5	4.4	5	6	126	75.1	0.14	2.8	
2007	1	19	10	12	2.3	1.44	31.452	14.1	49.754	5.5	36.5	9.8	7	9	207	115.9	0.52	4.4	
2007	1	19	10	14	2.1	0.49	31.333	4.4	49.866	4.1	18.0	9.1	3	5	252	132.6	0.12	3.9	
2007	1	19	10	22	28.1	0.35	34.526	1.3	51.811	2.5	18.1	0.0	4	5	147	123.4	0.09	2.6	
2007	1	19	12	26	54.9	1.23	31.887	8.0	49.793	9.7	15.6	15.3	5	6	215	96.8	0.42	3.1	
2007	1	19	15	17	54.5	2.10	31.840	11.9	49.778	12.7	15.2	0.0	5	6	219	97.0	0.79	3.4	
2007	1	19	17	4	18.1	0.37	32.712	1.1	48.802	4.8	15.1	0.0	3	4	153	66.9	0.09	2.6	
2007	1	20	0	13	14.2	0.45	33.837	1.9	48.833	2.3	14.1	6.0	4	5	135	135.3	0.10	2.6	
2007	1	20	1	25	43.6	0.49	34.997	3.0	53.586	7.4	14.1	6.9	3	5	261	162.8	0.12	2.5	
2007	1	20	11	20	9.1	0.40	39.941	6.1	52.546	2.4	15.0	0.0	6	6	234	398.5	0.16	3.8	
2007	1	21	5	31	14.2	0.39	37.936	4.9	49.818	5.7	14.1	4.4	5	6	212	194.1	0.09	2.6	
2007	1	21	6	3	13.5	0.38	33.007	1.0	48.673	3.2	14.3	4.6	3	5	159	100.4	0.08	2.5	
2007	1	21	7	38	57.2	0.53	39.838	11.5	42.904	8.7	14.1	8.2	3	5	321	162.0	0.15	4.3	
2007	1	21	16	19	23	0.32	35.759	1.6	48.986	1.0	14.6	3.8	5	7	200	164.4	0.05	2.6	
2007	1	22	3	51	21.6	0.32	31.712	6.6	50.788	1.6	15.8	3.6	4	6	227	193.0	0.04	3.0	
2007	1	22	10	58	50	0.82	32.650	3.0	50.052	2.9	14.1	6.1	6	8	158	132.2	0.24	3.0	
2007	1	22	15	32	52.2	0.41	32.797	2.1	54.985	3.6	14.2	5.5	6	8	192	203.9	0.12	3.4	
2007	1	22	19	54	7.2	1.29	37.106	6.3	50.508	10.2	7.5	0.0	5	6	208	136.2	0.55	3.1	
2007	1	23	3	38	41.5	0.64	36.166	5.9	52.555	6.6	14.1	8.7	5	6	161	79.5	0.18	2.5	
2007	1	23	17	2	45	0.52	35.768	5.2	51.822	5.4	14.1	5.9	5	6	215	20.4	0.13	3.2	
2007	1	24	1	33	1.8	0.27	29.130	1.1	57.401	1.7	16.1	0.0	3	4	133	113.0	0.01	2.6	
2007	1	24	22	51	50.4	1.34	32.615	4.2	48.950	11.1	14.1	11.2	5	7	138	57.9	0.43	3.1	
2007	1	26	8	58	10.7	1.34	33.435	3.5	50.886	4.6	14.1	11.1	5	9	123	146.8	0.37	3.7	
2007	1	27	0	2	24.8	0.64	28.400	6.9	52.869	5.2	14.1	8.8	4	6	201	17.2	0.23	3.1	
2007	1	27	17	42	37.5	0.38	32.676	2.2	50.013	2.7	14.1	4.3	5	5	155	130.2	0.06	3.0	
2007	1	28	11	11	25.5	0.32	36.949	1.4	56.477	6.8	25.7	0.0	3	4	241	86.0	0.07	3.0	
2007	1	29	0	0	29.1	0.46	28.443	1.7	55.923	1.9	18.0	5.3	3	5	143	118.3	0.11	2.7	
2007	1	29	3	45	9.4	0.45	28.223	2.6	54.453	1.4	14.1	5.5	3	5	155	144.0	0.10	2.7	
2007	1	29	14	17	48	0.57	33.940	2.7	48.681	2.8	14.1	7.3	4	5	140	141.0	0.15	3.0	
2007	1	30	4	27	17.8	0.38	29.194	5.0	51.455	5.2	24.8	7.1	6	6	199	180.3	0.10	3.4	
2007	1	31	0	37	2.1	0.86	32.502	2.3	48.753	8.5	15.0	0.0	6	7	162	43.9	0.32	3.2	
2007	1	31	3	54	8.1	0.34	31.069	9.4	49.763	10.4	43.4	8.9	3	4	266	147.0	0.00	2.9	
2007	1	31	14	13	2.6	0.36	26.960	5.4	55.968	2.2	15.2	5.3	3	5	275	52.7	0.06	3.3	
2007	1	31	14	51	33.4	0.38	27.214	8.8	56.087	2.2	14.1	3.5	3	4	270	22.1	0.05	2.6	
2007	2	18	19	18	33.3	0.73	36.478	5.4	52.743	6.3	14.1	9.9	4	7	322	117.0	0.22	3.0	

Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	Dmin	Rms	M <sub>L</sub>	Mb
2007	2	21	22	17	1.6	0.36	35.801	1.8	48.943	3.3	14.2	3.6	5	8	301	170.4	0.08	2.6	
2007	2	22	2	9	5	0.35	31.504	3.2	50.935	7.7	18.0	4.4	6	10	313	331.4	0.09	4.4	
2007	2	22	5	25	30.9	0.43	34.781	10.2	47.154	7.2	14.1	6.8	5	6	273	264.4	0.12	3.2	
2007	2	22	8	50	43.4	0.62	36.832	7.5	53.876	4.9	14.1	8.1	5	8	174	216.8	0.18	2.8	
2007	2	23	22	33	6	0.35	37.860	7.6	46.877	6.9	15.3	4.4	6	7	170	253.0	0.08	3.2	
2007	2	25	18	44	28.5	0.33	33.848	3.8	53.966	4.4	14.1	7.9	5	9	259	260.5	0.07	2.8	
2007	2	25	23	1	27.4	0.37	37.521	4.1	48.916	6.2	14.2	3.3	5	8	165	168.9	0.09	2.7	
2007	2	26	19	43	6	0.98	35.709	4.3	52.051	4.3	14.1	4.6	6	9	151	11.4	0.28	3.4	
2007	2	27	20	59	21.6	0.27	32.027	21.9	55.914	2.6	15.0	0.0	5	5	297	541.2	0.05	3.5	
2007	2	27	22	28	10.1	0.27	28.003	7.9	54.913	10.9	18.0	5.7	6	7	320	862.0	0.02		4.8
2007	2	28	0	8	44.9	0.32	36.011	6.8	53.229	6.9	6.1	5.8	4	5	334	121.3	0.03	2.5	
2007	3	2	12	10	19.2	1.05	35.650	3.6	51.571	3.9	14.1	12.6	6	8	148	36.3	0.34	3.1	
2007	3	3	21	55	40.7	0.41	35.495	2.8	53.122	2.6	16.6	5.0	6	8	190	105.4	0.11	2.5	
2007	3	3	22	40	30.5	0.39	31.548	3.4	49.638	2.9	14.5	6.8	4	6	244	100.7	0.10	3.3	
2007	3	5	12	35	53.3	0.37	37.396	5.9	53.425	5.7	14.9	6.5	3	5	339	235.3	0.06	3.1	
2007	3	6	5	53	59.6	0.38	31.601	1.6	50.028	1.4	24.6	0.0	3	4	234	129.0	0.10	2.9	
2007	3	6	14	52	12	0.38	37.947	7.7	55.230	2.5	14.7	7.2	3	5	233	82.1	0.08	3.5	
2007	3	6	15	40	34.5	0.47	31.184	11.7	50.644	4.1	35.1	4.7	4	5	253	202.6	0.11	3.0	
2007	3	6	15	56	28.8	1.37	33.566	4.0	49.137	7.8	37.6	13.1	5	7	125	136.4	0.42	2.7	
2007	3	6	16	39	44.5	0.45	32.123	2.2	50.474	2.3	14.1	3.9	5	6	199	157.8	0.10	3.5	
2007	3	6	22	32	5.1	1.73	33.564	6.8	49.011	9.7	15.0	12.9	9	9	131	143.8	0.53	4.7	
2007	3	7	9	52	33.1	0.83	33.653	3.4	48.966	3.8	14.1	9.2	4	6	132	139.3	0.25	2.5	
2007	3	9	18	15	12	0.34	30.802	4.3	57.650	2.9	14.1	9.9	3	4	176	124.7	0.01	2.8	
2007	3	10	18	15	31	0.28	26.520	4.0	55.687	5.3	15.0	0.0	7	8	299	397.9	0.14	4.1	
2007	3	11	13	48	42.7	0.33	31.673	2.9	49.312	2.3	14.1	5.2	6	8	247	68.3	0.07	4.0	
2007	3	13	0	59	9.7	0.76	33.355	3.6	50.801	4.3	14.1	8.4	4	7	224	131.4	0.23	2.7	
2007	3	13	5	14	14.8	0.55	31.989	7.5	55.712	8.7	14.1	9.9	6	8	195	243.9	0.18	3.2	
2007	3	13	9	38	18.6	0.42	32.156	7.5	55.539	7.9	14.1	8.7	4	6	197	266.4	0.12	3.2	
2007	3	13	10	43	48.5	0.54	32.063	3.2	48.330	10.7	35.2	4.6	4	6	306	44.8	0.16	2.6	
2007	3	13	21	37	40.1	0.63	33.815	1.7	48.831	3.0	14.2	5.6	6	8	136	136.9	0.19	2.7	
2007	3	14	5	53	13.2	1.28	33.602	4.4	49.042	6.1	15.0	10.5	5	6	129	138.8	0.41	2.9	
2007	3	14	6	20	9	0.68	35.668	3.5	50.977	2.6	32.6	12.1	5	8	127	29.8	0.19	3.0	
2007	3	14	22	23	20.4	1.24	31.728	8.6	49.913	8.7	29.4	14.9	5	7	226	113.3	0.40	2.5	
2007	3	17	1	45	37.3	0.53	34.202	1.6	48.424	2.3	14.1	6.3	4	6	144	139.7	0.14	2.7	
2007	3	17	14	20	23.8	0.43	27.097	10.7	58.060	28.4	14.1	12.6	8	9	325	344.1	0.32	4.8	
2007	3	18	0	13	15.7	0.52	35.552	4.6	52.612	5.4	14.2	6.4	5	8	300	58.8	0.14	2.8	

Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	Dmin	Rms	M <sub>L</sub>	Mb
2007	3	18	14	19	42.1	0.26	28.303	10.0	51.836	1.7	15.0	0.0	5	5	264	507.2	0.04	4.1	
2007	3	19	0	41	11.6	0.34	39.326	17.8	44.613	2.8	18.0	9.8	3	4	270	6.8	0.03	3.8	
2007	3	19	1	25	9.1	0.32	32.014	2.1	48.975	2.8	27.8	1.8	4	6	227	19.4	0.05	2.5	
2007	3	20	9	22	48	0.43	36.974	2.8	49.587	4.9	14.1	7.8	6	8	160	164.9	0.11	3.0	
2007	3	20	22	25	46.2	0.58	30.561	7.8	57.151	2.5	14.1	11.5	3	4	164	74.4	0.18	2.7	
2007	3	21	17	35	38.1	0.34	30.963	8.0	50.125	6.6	15.6	8.7	4	7	265	178.7	0.06	3.1	
2007	3	21	21	14	58.6	0.46	34.685	1.7	53.402	3.8	46.0	4.0	4	7	246	167.3	0.11	2.6	
2007	3	22	23	16	34.6	0.55	38.063	2.2	48.380	4.2	14.2	4.6	9	11	118	93.2	0.18	3.4	
2007	3	23	13	4	39.3	0.37	31.224	2.9	50.726	1.4	18.0	3.2	6	9	251	207.2	0.09	3.0	
2007	3	23	15	10	35.5	0.39	30.735	2.8	56.740	4.2	14.1	7.2	3	5	164	83.5	0.08	2.8	
2007	3	23	21	38	2.1	0.25	27.472	6.9	55.154	2.5	15.0	11.9	9	10	246	319.4	0.05	4.9	
2007	3	25	14	17	34.3	0.43	33.543	2.7	49.071	4.6	14.1	9.7	4	6	129	142.1	0.10	2.5	
2007	3	26	6	36	50	0.38	29.172	8.1	58.454	1.7	14.1	3.9	10	12	215	187.0	0.17	5.0	
2007	3	26	6	55	34.4	0.83	32.002	4.6	50.699	8.3	14.1	12.9	6	7	209	179.6	0.25	3.1	
2007	3	26	7	4	32.7	0.87	31.674	6.8	48.851	13.2	8.0	0.0	5	6	305	48.3	0.35	3.7	
2007	3	26	11	0	45.3	0.37	28.642	5.9	57.484	4.5	14.1	7.7	3	4	246	164.3	0.05	3.5	
2007	3	26	14	28	8	0.95	36.312	12.0	50.382	7.5	26.8	10.8	7	7	233	62.7	0.31	2.7	
2007	3	26	16	13	27.4	0.29	39.474	5.0	50.973	2.3	15.0	0.0	5	6	273	276.2	0.07	3.7	
2007	3	26	21	19	8.3	0.41	31.210	5.8	56.840	6.2	18.0	9.1	3	4	178	136.3	0.09	3.3	
2007	3	28	3	58	12.9	2.04	32.956	26.8	46.312	42.7	14.1	18.8	6	7	270	252.0	0.63	3.9	
2007	3	28	6	52	38.4	0.31	38.557	5.4	48.575	3.4	14.1	8.5	6	8	201	65.6	0.06	3.2	
2007	3	28	15	5	52.8	0.38	35.612	1.7	49.372	1.9	41.8	10.4	6	8	183	132.3	0.08	3.7	
2007	3	28	18	26	12.2	0.37	32.579	1.2	48.354	3.4	17.1	3.6	5	7	201	67.1	0.08	2.5	
2007	3	29	2	38	42.9	0.40	27.800	3.4	55.262	4.1	14.1	6.6	5	8	259	282.6	0.12	3.8	
2007	3	29	10	20	44.6	0.49	32.162	4.8	49.541	5.7	14.2	7.8	4	6	293	268.5	0.13	2.7	
2007	3	30	15	31	47.5	1.20	33.599	7.3	49.106	5.3	14.2	12.9	5	8	213	135.3	0.38	3.0	
2007	3	30	17	50	29.3	1.59	34.071	10.1	48.477	6.2	17.6	0.0	6	8	210	152.0	0.63	3.1	
2007	3	31	18	29	52.9	0.75	36.361	5.0	51.548	3.1	29.6	8.7	6	10	118	63.0	0.23	2.7	
2007	3	31	23	57	57.5	0.41	38.075	3.1	44.764	2.9	14.1	7.2	3	5	213	142.3	0.08	2.8	





## *Iranian National Broadband Seismic Network (INSN)*

- |                    |                    |             |
|--------------------|--------------------|-------------|
| Available Stations | Under Construction | Future Plan |
|--------------------|--------------------|-------------|

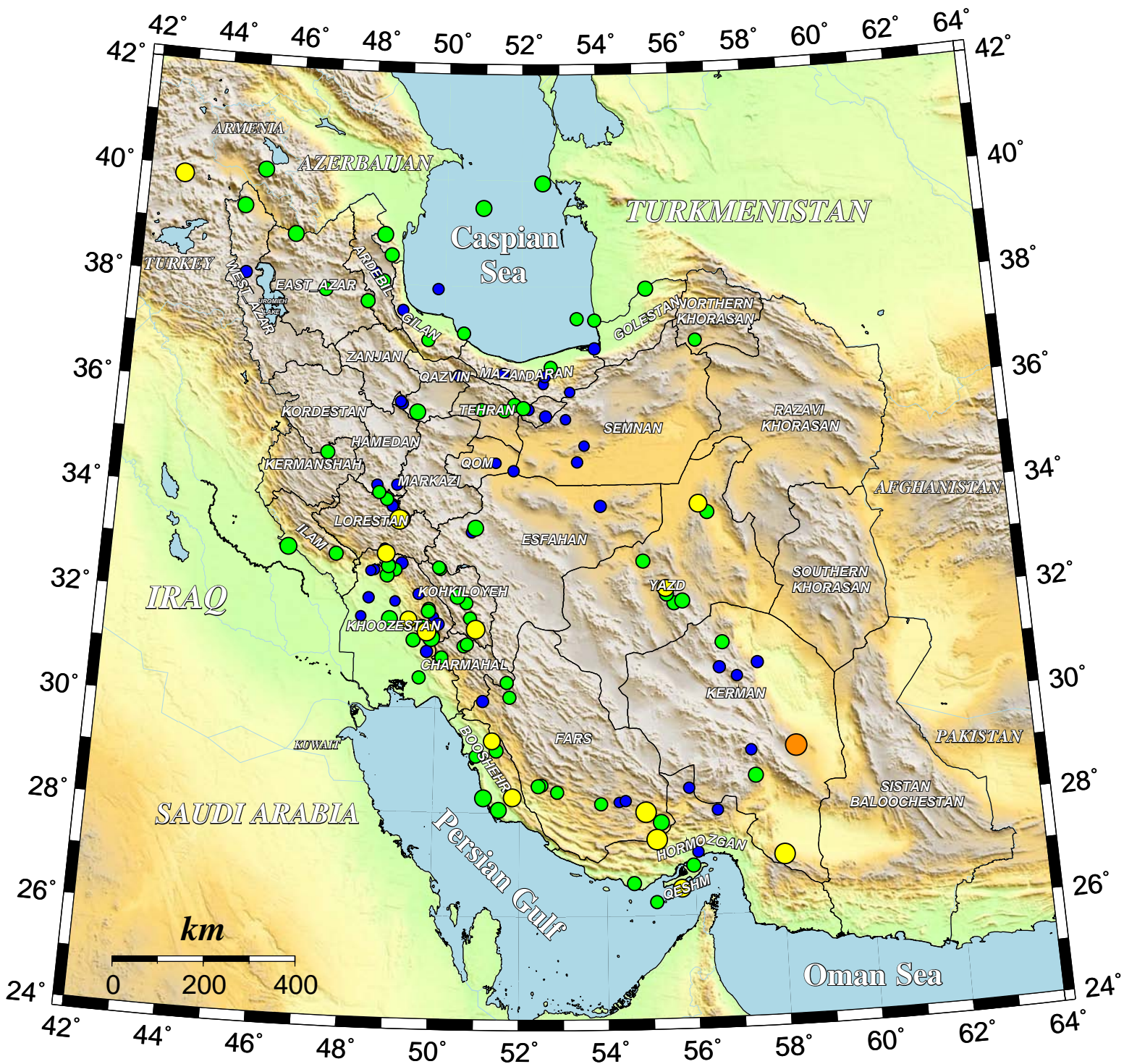
More information available at :

[http://www.iiees.ac.ir/English/Seismology/eng\\_seis\\_stations.html/](http://www.iiees.ac.ir/English/Seismology/eng_seis_stations.html/)



*International Institute of Earthquake Engineering and Seismology (IIEES)*





**135 events during 2007/01/01 20:00:08.9 to 2007/03/31 23:57:57.5**

**Magnitude**

● $2 \leq M < 3$	● $3 \leq M < 4$	● $4 \leq M < 5$	● $5 \leq M < 6$	● $6 \leq M < 7$
N = 51	N = 69	N = 14	N = 1	N = 0

The events were located at:

*Iranian National Broadband Seismic Network(INSN)*

More information available at: <http://www.iiees.ac.ir/EQsearch/EQQuery.aspx>



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