

# *Seismological Bulletin*

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

*April to June 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
KRBR	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(mpulsive)  
P: Polarity ( C for compression, D for dilatation )  
HR: Hour  
MN: Minute  
SECON: Seconds  
TRES: Residual (seconds)  
CODA: Signal duration in seconds  
AMPL: Ground Amplitude (0.5\*(peak to peak)), (nm) at period PERI  
PERI: Period where amplitude is measured  
BAZ: Back azimuth (station to event)  
ARES: Back azimuth residual  
VELO: Apparent phase velocity (km/sec)  
WT: Weight of phase in the location  
\*: An asterix before the phase arrival time implies a potential timing error. If an S phase is read, differential S-P times will be used in the hypocenter location.

## REFERENCES

- 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 chaine de collision continentale du Zagros (Iran): structure litospherique par analyse de donnees 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.

**April 1 2007 Hour: 3:16 6.7 Lat: 33.99N Lon: 48.61E Depth: 15 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
ASAO	BZ	144	64	EPg		316	30.54	-0.4							1.0
ASAO	BN	144	64	ESg		316	48.45	-0.1							1.0
ASAO	BE	144	64	AML		316	54.00			185	0.6				
SNGE	BZ	169	317	EPg		316	34.58	-0.2							1.0
SHGR	BZ	209	175	EPg		316	41.01	0.0							1.0
SHGR	BN	209	175	AML		317	11.50			49	0.4				
SHGR	BE	209	175	AML		317	12.75			47	0.4				
GHVR	BZ	249	77	EPg		316	47.44	0.1							1.0
THKV	BZ	298	43	EPn		316	52.11	0.6							1.0
THKV	BE	298	43	AML		317	33.92			36	0.4				
THKV	BN	298	43	AML		317	39.41			20	0.5				

**April 1 2007 Hour: 7:34 44.0 Lat: 26.68N Lon: 55.76E Depth: 15 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	379	15	EPN5		735	38.98	0.0							1.0
KRBR	BN	379	15	AML		736	30.75			253	0.5				
ZHSF	BZ	590	55	EPn		736	5.10	0.0							0.8
ZHSF	BE	590	55	AML		737	41.91			10	0.6				
NASN	BZ	736	338	EPn		736	23.33	-0.1							0.7
GHVR	BZ	967	335	EPn		736	51.76	-0.1							0.5
ASAO	BZ	1031	329	EPn		737	0.01	0.1							0.5
DAMV	BZ	1056	341	EPn		737	3.40	0.3							0.4
CHTH	BZ	1114	338	EPn		737	10.43	0.1							0.4
SNGE	BZ	1231	321	EPn		737	24.48	-0.3							0.3

**April 1 2007 Hour: 19:51 25.4 Lat: 30.80N Lon: 56.73E Depth: 17 Agency: INS Local**  
**Magnitudes: 4.2ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	90	178	EPg		1951	40.69	-0.3							1.0
KRBR	BN	90	178	ESg		1951	52.66	0.2							1.0
KRBR	BN	90	178	AML		1951	56.23			3165	0.4				
ZHSF	BZ	411	108	EPn		1952	23.81	-0.1							0.9
ZHSF	BZ	411	108	EPg		1952	31.96	0.1							0.9
ZHSF	BN	411	108	AML		1953	28.31			156	0.6				
NASN	BZ	433	302	EPn		1952	26.70	-0.2							0.9
GHVR	BZ	657	310	EPn		1952	54.69	0.2							0.7
GHVR	BE	657	310	AML		1954	44.65			371	0.6				
GHVR	BN	657	310	AML		1954	47.50			297	0.5				
DAMV	BZ	696	322	EPn		1952	59.55	0.1							0.7
DAMV	BE	696	322	AML		1954	57.09			33	0.7				
DAMV	BN	696	322	AML		1954	59.47			36	0.7				
ASAO	BZ	754	305	EPn		1953	6.86	0.2							0.6

**April 2 2007 Hour: 15:53 16.6 Lat: 35.69N Lon: 48.90E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.9ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SNGE	BZ	156	245	EPg		1553	42.53	0.0							1.0
SNGE	BZ	156	245	ESg		1554	1.33	-0.2							1.0
ASAO	BZ	163	141	EPg		1553	43.83	0.1							1.0
ASAO	BE	163	141	ESg		1554	3.72	0.2							1.0
THKV	BZ	181	81	EPg		1553	46.59	0.1							1.0
THKV	BE	181	81	AML		1554	15.53			101	0.4				
CHTH	BZ	203	82	EPg		1553	49.75	-0.3							1.0
GHVR	BZ	253	121	EPg		1553	57.82	0.0							1.0
DAMV	BZ	278	90	EPg		1554	1.77	-0.3							1.0
DAMV	BE	278	90	AML		1554	40.58			61	0.5				
DAMV	BN	278	90	AML		1554	45.19			54	0.7				
GRMI	BZ	358	346	EPn		1554	9.21	0.4							0.9

**April 3 2007 Hour: 16:26 22.6 Lat: 32.22N Lon: 48.70E Depth: 14 Agency: INS Local**  
**Magnitudes: 2.9ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	15	143	EPg		1626	26.15	-0.1							1.0
SHGR	BN	15	143	AML		1626	33.71		3313	0.5					
ASAO	BZ	286	25	EPn		1627	6.39	0.4							1.0
ASAO	BE	286	25	ESg		1627	43.14	-0.2							1.0
ASAO	BN	286	25	AML		1627	48.17		59	0.6					
SNGE	BZ	343	339	EPn		1627	12.88	-0.1							0.9
GHVR	BZ	345	43	EPn		1627	13.21	0.1							0.9

**April 3 2007 Hour: 22:27 37.3 Lat: 35.89N Lon: 53.01E Depth: 16 Agency: INS Local**  
**Magnitudes: 3.2ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	98	253	EPg		2227	53.74	-0.4							1.0
DAMV	BE	98	253	AML		2228	9.79		725	0.6					
DAMV	BN	98	253	AML		2228	15.00		600	0.7					
CHTH	BZ	170	271	EPg		2228	5.23	-0.3							1.0
THKV	BZ	192	271	EPg		2228	9.51	0.5							1.0
THKV	BE	192	271	AML		2228	45.25		240	0.2					
THKV	BN	192	271	AML		2228	48.91		250	0.1					
GHVR	BZ	224	226	EPg		2228	14.50	0.4							1.0
ASAO	BZ	310	242	EPn		2228	24.29	0.8							1.0
ASAO	BN	310	242	ESg		2229	4.47	-0.1							1.0
ASAO	BE	310	242	AML		2229	9.69		73	0.5					
MRVT	BZ	338	54	EPn		2228	26.92	0.2							0.9
NASN	BZ	344	183	EPn		2228	27.08	-0.7							0.9
GRMI	BZ	557	307	EPn		2228	53.37	-0.6							0.8

**April 4 2007 Hour: 12:41 33.9 Lat: 33.73N Lon: 48.93E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.9ML INS Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	136	48	EPg		1241	55.94	-0.7							1.0
ASAO	BN	136	48	ESg		1242	12.91	-0.4							1.0
ASAO	BN	136	48	AML		1242	16.38		795	0.5					
ASAO	BE	136	48	AML		1242	17.21		810	0.5					
SHGR	BZ	180	184	EPg		1242	2.78	-0.8							1.0
SHGR	BN	180	184	ESg		1242	25.65	0.4							1.0
SHGR	BN	180	184	AML		1242	29.13		707	0.4					
SHGR	BE	180	184	AML		1242	29.84		1450	0.6					
SNGE	BZ	210	316	EPg		1242	8.19	-0.2							1.0
GHVR	BZ	229	68	EPg		1242	11.11	-0.3							1.0
GHVR	BE	229	68	AML		1242	44.61		3473	0.5					
GHVR	BN	229	68	AML		1242	45.73		3085	0.6					
CHTH	BZ	314	39	EPn		1242	21.77	1.0							1.0
DAMV	BZ	349	52	EPn		1242	26.40	1.2							0.9
NASN	BZ	376	105	EPn		1242	28.55	0.0							0.9

**April 5 2007 Hour: 19:50 55.6 Lat: 35.30N Lon: 52.88E Depth: 16 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	90	294	EPg		1951	11.05	-0.2							1.0
DAMV	BE	90	294	AML		1951	25.20		227	0.4					
CHTH	BZ	173	294	EPg		1951	24.20	-0.1							1.0
CHTH	BN	173	294	AML		1951	48.68		77	0.3					
GHVR	BZ	175	239	EPg		1951	24.44	0.0							1.0
THKV	BZ	194	291	EPg		1951	27.85	0.3							1.0
THKV	BE	194	291	AML		1951	54.15		144	0.3					
THKV	BN	194	291	AML		1951	55.10		254	0.4					
ASAO	BZ	274	253	EPn		1951	37.28	0.0							1.0
ASAO	BN	274	253	AML		1952	13.68		27	0.5					
ASAO	BE	274	253	AML		1952	13.95		30	0.3					
NASN	BZ	277	181	EPn		1951	37.81	0.0							1.0

**April 6 2007 Hour: 11:37 36.8 Lat: 35.68N Lon: 48.90E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SNGE	BZ	156	246	EPg		1138	2.51	-0.2							1.0
ASAO	BZ	162	141	EPg		1138	3.37	-0.4							1.0
ASAO	BE	162	141	ESg		1138	23.18	-0.2							1.0
THKV	BZ	180	81	EPg		1138	6.47	-0.1							1.0
THKV	BE	180	81	AML		1138	38.46			139	0.2				
CHTH	BZ	202	82	EPg		1138	9.44	-0.7							1.0
GHVR	BZ	252	121	EPn		1138	17.26	1.5							1.0
DAMV	BZ	278	90	EPn		1138	19.39	0.2							1.0
DAMV	BE	278	90	AML		1139	0.24			71	0.6				
DAMV	BN	278	90	AML		1139	0.27			67	0.8				
NASN	BZ	481	131	EPn		1138	44.27	-0.2							0.8

**April 8 2007 Hour: 1:19 17.0 Lat: 28.00N Lon: 57.66E Depth: 14 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
BNDS	BZ	161	246	EPg		119	43.28	-0.4							1.0
BNDS	BN	161	246	ESg		120	3.47	0.3							1.0
BNDS	BN	161	246	AML		120	7.90			1322	0.6				
KRBR	BZ	237	339	EPn		119	54.30	0.0							1.0
KRBR	BN	237	339	ESg		120	24.25	0.0							1.0
KRBR	BN	237	339	AML		120	29.68			636	0.5				
ZHSF	BZ	353	59	EPn		120	8.83	0.2							0.9

**April 8 2007 Hour: 1:31 2.9 Lat: 28.11N Lon: 57.60E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	161	241	EPg		131	29.65	0.0							1.0
BNDS	BN	161	241	AML		131	54.22			851	0.4				
KRBR	BZ	223	339	EPg		131	39.52	0.0							1.0
KRBR	BN	223	339	AML		132	15.87			179	0.5				
ZHSF	BZ	352	61	EPn		131	54.36	0.0							0.9

**April 8 2007 Hour: 7:40 0.2 Lat: 30.83N Lon: 51.62E Depth: 18 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
NASN	BZ	246	27	EPn		740	38.35	0.0							1.0
NASN	BN	246	27	ESg		741	10.03	0.0							1.0
NASN	BN	246	27	AML		741	13.26			49	0.5				
ASAO	BZ	439	341	EPn		741	2.25	0.0							0.9
ASAO	BN	439	341	AML		742	17.75			16	0.7				
KRBR	BZ	503	99	EPn		741	10.32	0.0							0.8

**April 8 2007 Hour: 11:22 21.5 Lat: 30.97N Lon: 56.81E Depth: 15F 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
KRBR	BZ	109	182	EPg		1122	39.99	-0.1							1.0
KRBR	BN	109	182	ESg		1122	53.65	0.0							1.0
KRBR	BN	109	182	AML		1122	56.37			6438	0.3				
ZHSF	BZ	410	110	EPn		1123	20.05	-0.1							0.9
NASN	BZ	430	299	EPn		1123	23.21	0.4							0.9
NASN	BN	430	299	ESg		1124	21.42	-0.4							0.9
NASN	BE	430	299	AML		1124	31.30			647	0.6				
NASN	BN	430	299	AML		1124	34.01			574	0.7				
GHVR	BZ	651	308	EPn		1123	50.95	0.9							0.7
DAMV	BZ	686	320	EPn		1123	53.89	-0.6							0.7
ASAO	BZ	750	304	EPn		1124	3.00	0.6							0.6
CHTH	BZ	761	318	EPn		1124	3.10	-0.8							0.6

**April 9 2007 Hour: 14:23 52.2 Lat: 33.64N Lon: 48.99E Depth: 15 Agency: INS Local**  
**Magnitudes: 2.9ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	138	43	EPg		1424	15.04	-0.3							1.0
ASAO	BE	138	43	ESg		1424	32.23	-0.1							1.0
ASAO	BN	138	43	AML		1424	37.48			111	0.7				
SHGR	BZ	171	186	EPg		1424	20.28	-0.1							1.0
SHGR	BN	171	186	AML		1424	47.66			163	0.7				
SHGR	BE	171	186	AML		1424	47.72			261	0.5				
SNGE	BZ	221	317	EPg		1424	28.55	0.1							1.0
GHVR	BZ	228	65	EPg		1424	29.87	0.4							1.0
NASN	BZ	368	104	EPn		1424	45.74	0.0							0.9

**April 9 2007 Hour: 21:26 49.4 Lat: 38.98N Lon: 44.52E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.2ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MAKU	BZ	44	19	EPg		2126	57.44	-0.2							1.0
MAKU	BE	44	19	ESg		2127	3.72	0.1							1.0
MAKU	BN	44	19	AML		2127	5.26			26614	0.6				
MAKU	BE	44	19	AML		2127	5.86			23327	0.4				
GRMI	BZ	293	93	EPn		2127	33.58	0.0							1.0
GRMI	BN	293	93	ESg		2128	11.95	0.0							1.0
GRMI	BE	293	93	AML		2128	18.40			656	0.5				
SNGE	BZ	499	149	EPn		2127	59.33	0.1							0.8
THKV	BZ	657	119	EPn		2128	19.38	0.5							0.7
CHTH	BZ	676	118	EPn		2128	20.99	-0.3							0.7
ASAO	BZ	695	133	EPn		2128	23.51	-0.1							0.7
DAMV	BZ	758	117	EPn		2128	31.14	-0.3							0.6
SHGR	BZ	855	152	EPn		2128	43.27	0.1							0.6

**April 9 2007 Hour: 21:36 55.3 Lat: 39.04N Lon: 44.69E 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
MAKU	BZ	35	359	EPg		2137	2.00	0.0							1.0
GRMI	BZ	279	94	EPn		2137	37.90	0.1							1.0
GRMI	BN	279	94	ESg		2138	13.99	0.0							1.0
GRMI	BE	279	94	AML		2138	17.68			143	0.5				
GRMI	BN	279	94	AML		2138	21.03			114	0.6				
SNGE	BZ	498	151	EPn		2138	5.12	0.1							0.8
THKV	BZ	648	120	EPn		2138	23.36	-0.3							0.7
THKV	BN	648	120	AML		2140	6.53			12	0.6				

**April 11 2007 Hour: 13:27 34.9 Lat: 32.75N Lon: 47.57E 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	136	121	EPg		1327	57.52	-0.1							1.0
SHGR	BE	136	121	AML		1328	18.70			91	0.4				
SHGR	BN	136	121	AML		1328	18.94			90	0.8				
SNGE	BZ	260	356	EPn		1328	14.98	-0.1							1.0
ASAO	BZ	303	48	EPn		1328	20.60	0.2							1.0
ASAO	BE	303	48	ESg		1329	0.10	-0.1							1.0
ASAO	BN	303	48	AML		1329	10.22			18	0.6				
ASAO	BE	303	48	AML		1329	13.82			19	0.6				
GHVR	BZ	391	60	EPn		1328	31.23	0.0							0.9

**April 11 2007 Hour: 22:15 13.0 Lat: 31.80N Lon: 59.83E Depth: 15F Agency: INS Local**  
**Magnitudes: 4.1ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZHSF	BZ	259	159	EPn		2215	53.09	0.2							1.0
ZHSF	BN	259	159	ESg		2216	26.11	-0.1							1.0
ZHSF	BN	259	159	AML		2216	37.51			237	0.6				
ZHSF	BE	259	159	AML		2216	37.56			365	0.6				
NASN	BZ	670	281	EPn		2216	44.35	0.2							0.7

NASN	BN	670	281	ESg		2218	19.35	0.0									0.7
NASN	BE	670	281	AML		2218	30.75			63	0.6						
NASN	BN	670	281	AML		2218	36.38			68	0.6						
DAMV	BZ	843	302	EPn		2217	4.89	-0.7									0.6
DAMV	BE	843	302	AML		2219	32.43			19	0.7						
DAMV	BN	843	302	AML		2219	38.81			17	0.8						
GHVR	BZ	854	293	EPn		2217	6.74	0.0									0.6
GHVR	BN	854	293	AML		2219	34.81			280	0.6						
THKV	BZ	945	301	EPn		2217	18.13	-0.1									0.5
ASAO	BZ	963	291	EPn		2217	20.84	0.3									0.5

**April 12 2007 Hour: 12:59 41.7 Lat: 32.22N Lon: 55.89E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.5ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BZ	297	283	EPn		13	0	26.23	-0.2						1.0
NASN	BE	297	283	AML		13	1	14.40		179	0.4				
DAMV	BZ	524	317	EPn		13	0	54.47	-0.1						0.8
DAMV	BE	524	317	AML		13	2	20.44		37	0.6				
BNDS	BZ	535	177	EPn		13	0	55.93	0.0						0.8
CHTH	BZ	601	314	EPn		13	1	3.98	-0.1						0.8
ASAO	BZ	604	297	EPn		13	1	5.14	0.6						0.8

**April 14 2007 Hour: 13: 6 40.3 Lat: 30.79N Lon: 57.27E 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
KRBR	BZ	102	209	EPg		13	6	57.89	0.1						1.0
KRBR	BN	102	209	ESg		13	7	10.60	0.0						1.0
KRBR	BN	102	209	AML		13	7	15.76		924	0.6				
ZHSF	BZ	362	110	EPN5		13	7	32.97	0.0						0.9
ZHSF	BE	362	110	AML		13	8	23.73		58	0.7				
ZHSF	BN	362	110	AML		13	8	26.57		62	0.7				
BNDS	BZ	391	196	EPn		13	7	36.72	0.1						0.9
GHIR	BZ	500	237	EPn		13	7	50.01	-0.1						0.8

**April 15 2007 Hour: 3:56 9.6 Lat: 32.15N Lon: 49.43E Depth: 31 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
SHGR	BZ	60	266	EPg		356	20.56	0.0							1.0
SHGR	BE	60	266	AML		356	37.02			19631	0.4				
SHGR	BN	60	266	AML		356	37.03			18131	0.4				
ASAO	BZ	272	12	EPn		356	49.89	0.2							1.0
ASAO	BE	272	12	ESg		357	24.79	0.0							1.0
ASAO	BE	272	12	AML		357	32.37			1145	0.5				
NASN	BZ	326	76	EPn		356	56.38	0.0							0.9
SNGE	BZ	380	330	EPn		357	2.92	-0.1							0.9
THKV	BZ	439	17	EPn		357	10.42	0.0							0.9
THKV	BE	439	17	AML		358	24.76			414	0.2				
DAMV	BZ	452	31	EPn		357	11.95	-0.1							0.9
DAMV	BE	452	31	AML		358	23.40			289	0.5				

**April 15 2007 Hour: 4:24 21.0 Lat: 35.67N Lon: 48.93E 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
SNGE	BZ	158	247	EPg		424	47.31	0.0							1.0
ASAO	BZ	159	141	EPg		424	47.62	0.0							1.0
ASAO	BE	159	141	ESg		425	6.90	-0.1							1.0
THKV	BZ	178	81	EPg		424	50.54	0.1							1.0
THKV	BE	178	81	AML		425	16.05			302	0.4				
CHTH	BZ	200	82	EPg		424	53.51	-0.5							1.0
CHTH	BN	200	82	ESg		425	18.22	0.1							1.0
CHTH	BN	200	82	AML		425	21.62			212	0.4				
DAMV	BZ	275	90	EPn		425	3.45	0.3							1.0
DAMV	BN	275	90	AML		425	41.43			162	0.4				



**April 15 2007 Hour: 15:55 55.8 Lat: 33.51N Lon: 49.09E 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
ASAO	BZ	144	37	EPg		1556	19.79	-0.2							1.0
ASAO	BN	144	37	ESg		1556	37.51	-0.1							1.0
ASAO	BE	144	37	AML		1556	41.46			207	0.3				
ASAO	BN	144	37	AML		1556	43.68			162	0.7				
SHGR	BZ	158	190	EPg		1556	21.77	-0.1							1.0
SHGR	BE	158	190	AML		1556	49.89			155	0.4				
SHGR	BN	158	190	AML		1556	50.09			113	0.4				
GHVR	BZ	227	61	EPg		1556	33.10	0.2							1.0
GHVR	BE	227	61	ESg		1556	59.99	-0.1							1.0
GHVR	BE	227	61	AML		1557	7.83			1881	0.6				
GHVR	BN	227	61	AML		1557	8.71			1462	0.3				
THKV	BZ	314	31	EPn		1556	42.55	-0.1							1.0
THKV	BN	314	31	AML		1557	29.40			31	0.4				
THKV	BE	314	31	AML		1557	31.38			28	0.4				
DAMV	BZ	354	48	EPn		1556	48.23	0.5							0.9
DAMV	BE	354	48	AML		1557	44.67			27	0.6				
DAMV	BN	354	48	AML		1557	45.03			21	0.5				
NASN	BZ	356	102	EPn		1556	47.96	-0.1							0.9

**April 16 2007 Hour: 1:22 59.7 Lat: 33.87N Lon: 56.48E Depth: 18 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BZ	362	252	EPn		123	52.27	0.0							1.0
MRVT	BZ	422	355	EPn		123	59.47	0.1							1.0
MRVT	BE	422	355	AML		125	0.26			339	0.4				
MRVT	BN	422	355	AML		125	5.14			237	0.8				
KRBR	BZ	432	176	EPn		124	1.01	0.1							0.9
KRBR	BN	432	176	AML		125	21.12			108	0.6				
DAMV	BZ	457	297	EPn		124	3.44	-0.5							0.9
DAMV	BN	457	297	ESg		125	7.32	0.1							0.9
DAMV	BE	457	297	AML		125	12.43			37	0.5				
DAMV	BN	457	297	AML		125	22.29			31	0.6				
THKV	BZ	560	295	EPn		124	16.91	0.2							0.8
THKV	BE	560	295	AML		125	50.58			42	0.6				
THKV	BN	560	295	AML		126	1.72			33	0.6				

**April 17 2007 Hour: 2:36 40.4 Lat: 35.75N Lon: 49.30E Depth: 16 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
THKV	BZ	144	82	EPg		237	4.54	0.1							1.0
THKV	BE	144	82	AML		237	24.16			283	0.5				
THKV	BN	144	82	AML		237	28.04			448	0.5				
ASAO	BZ	149	153	EPg		237	5.44	0.1							1.0
ASAO	BN	149	153	ESg		237	23.37	-0.1							1.0
CHTH	BZ	166	83	EPg		237	7.79	-0.2							1.0
CHTH	BN	166	83	ESg		237	28.35	0.2							1.0
SNGE	BZ	192	248	EPg		237	12.15	0.0							1.0
GHVR	BZ	227	128	EPg		237	17.73	0.2							1.0
DAMV	BZ	242	92	EPg		237	19.72	-0.4							1.0
DAMV	BE	242	92	AML		237	53.34			98	0.5				
DAMV	BN	242	92	AML		237	54.69			105	0.6				
NASN	BZ	460	134	EPn		237	45.30	0.0							0.8

**April 17 2007 Hour: 7:24 59.7 Lat: 32.07N Lon: 46.83E 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
SHGR	BZ	186	88	EPg		725	30.16	0.0							1.0
SHGR	BN	186	88	ESg		725	52.42	0.0							1.0
SHGR	BN	186	88	AML		725	54.80			243	0.3				
SNGE	BZ	338	8	EPn		725	49.44	-0.1							0.9

ASAO	BZ	404	46	EPn		725	57.97	0.1										0.9
ASAO	BE	404	46	AML		726	51.22			42	0.6							
ASAO	BN	404	46	AML		726	53.25			40	0.6							
GHVR	BZ	490	56	EPn		726	8.33	0.1										0.8

**April 17 2007 Hour: 11:21 20.5 Lat: 39.08N Lon: 53.66E 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
MRVT	BZ	264	126	EPg		1122	3.53	0.0							1.0
DAMV	BZ	411	202	EPN5		1122	19.33	-0.1							0.9
DAMV	BE	411	202	AML		1123	17.75			33	0.4				
DAMV	BN	411	202	AML		1123	18.18			32	0.5				
CHTH	BZ	417	213	EPn		1122	20.43	0.3							0.9
CHTH	BN	417	213	ESg		1123	17.01	-0.1							0.9
GRMI	BZ	500	268	EPn		1122	30.29	-0.1							0.8
GRMI	BE	500	268	AML		1123	26.02			22	0.4				
GRMI	BN	500	268	AML		1123	26.16			19	0.3				

**April 17 2007 Hour: 12:20 39.4 Lat: 29.46N Lon: 52.21E Depth: 17 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
GHIR	BZ	150	150	EPg		1221	4.49	0.0							1.0
GHIR	BN	150	150	ESg		1221	22.70	0.0							1.0
GHIR	BE	150	150	AML		1221	30.57			913	0.5				
NASN	BZ	375	9	EPn		1221	33.67	0.1							0.9
NASN	BN	375	9	AML		1222	36.92			13	0.4				
SHGR	BZ	439	313	EPN5		1221	41.15	-0.1							0.9
KRBR	BZ	444	81	EPn		1221	42.07	-0.1							0.9
KRBR	BN	444	81	AML		1222	14.13			13	0.3				

**April 17 2007 Hour: 19:13 43.3 Lat: 35.35N Lon: 53.02E 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	100	289	EPg		1914	0.59	0.1							1.0
DAMV	BE	100	289	AML		1914	24.23			303	0.2				
CHTH	BZ	182	290	EPg		1914	13.64	0.1							1.0
GHVR	BZ	189	240	EPg		1914	14.34	-0.1							1.0
THKV	BZ	204	289	EPg		1914	16.79	-0.1							1.0
THKV	BE	204	289	AML		1914	50.34			260	0.4				
THKV	BN	204	289	AML		1914	51.00			253	0.7				
NASN	BZ	283	184	EPn		1914	26.53	0.1							1.0
NASN	BE	283	184	AML		1915	8.78			137	0.7				
ASAO	BZ	287	253	EPn		1914	26.88	0.0							1.0
ASAO	BE	287	253	AML		1915	8.04			119	0.6				
ASAO	BN	287	253	AML		1915	11.72			84	0.6				
MRVT	BZ	376	46	EPn		1914	37.70	0.0							0.9

**April 18 2007 Hour: 0:14 45.9 Lat: 30.89N Lon: 50.40E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.4ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	203	312	EPg		015	18.86	-0.4							1.0
SHGR	BN	203	312	ESg		015	43.94	0.4							1.0
SHGR	BE	203	312	AML		015	48.29			7799	0.8				
NASN	BZ	311	46	EPn		015	32.61	0.1							1.0
NASN	BN	311	46	ESg		016	13.48	-0.1							1.0
GHIR	BZ	382	138	EPn		015	40.97	-0.1							0.9
GHIR	BE	382	138	AML		016	47.51			821					
GHVR	BZ	406	11	EPn		015	44.77	0.7							0.9
GHVR	BN	406	11	AML		017	1.40			401	0.6				
ASAO	BZ	407	355	EPn		015	44.55	0.2							0.9
ASAO	BE	407	355	AML		016	46.69			522	0.7				
DAMV	BZ	546	15	EPn		016	1.00	-0.6							0.8
DAMV	BE	546	15	AML		017	28.13			152	0.5				
THKV	BZ	559	4	EPn		016	3.21	0.0							0.8

THKV	BN	559	4	AML	017	38.70			147	0.5				
CHTH	BZ	561	7	EPn	016	2.76	-0.7							0.8
KRBR	BZ	619	98	EPn	016	11.27	0.5							0.7
KRBR	BN	619	98	AML	017	17.93			201	0.3				
GRMI	BZ	908	346	EPn	016	45.92	-0.6							0.5
ZHSF	BZ	1008	95	EP	016	58.97	0.1							0.4
MAKU	BZ	1074	333	EPn	017	6.97	-0.1							0.4

**April 18 2007 Hour: 15:45 27.8 Lat: 27.60N Lon: 56.12E Depth: 14 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
BNDS	BZ	23	167	EPg		1545	32.74	0.0							1.0
BNDS	BN	23	167	AML		1545	38.96			4215	0.4				
KRBR	BZ	271	13	EPn		1546	9.41	0.0							1.0
KRBR	BN	271	13	ESg		1546	44.49	0.0							1.0
KRBR	BN	271	13	AML		1546	46.09			45	0.5				
GHIR	BZ	317	285	EPn		1546	14.98	0.0							1.0
GHIR	BN	317	285	AML		1547	13.49			13	0.5				
GHIR	BE	317	285	AML		1547	14.42			14	0.5				

**April 18 2007 Hour: 23:43 11.1 Lat: 35.72N Lon: 48.88E 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
SNGE	BZ	156	244	EPg		2343	37.19	0.1							1.0
ASAO	BZ	167	141	EPg		2343	38.68	-0.1							1.0
ASAO	BE	167	141	ESg		2343	59.17	0.1							1.0
THKV	BZ	182	83	EPg		2343	41.22	0.1							1.0
THKV	BE	182	83	AML		2344	14.57			75	0.4				
THKV	BN	182	83	AML		2344	19.84			87	0.6				
CHTH	BZ	204	83	EPg		2343	44.34	-0.4							1.0
GHVR	BZ	256	122	EPg		2343	52.54	-0.3							1.0
GHVR	BN	256	122	AML		2344	37.50			366	0.6				
DAMV	BZ	280	91	EPn		2343	54.16	0.4							1.0
DAMV	BN	280	91	ESg		2344	30.31	0.2							1.0
DAMV	BN	280	91	AML		2344	35.54			71	0.8				
DAMV	BE	280	91	AML		2344	36.45			48	0.4				

**April 19 2007 Hour: 1:36 27.0 Lat: 28.85N Lon: 56.19E Depth: 18F Agency: INS Local**  
**Magnitudes: 3.2ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	137	24	EPg		136	50.14	0.1							1.0
KRBR	BN	137	24	ESg		137	6.82	-0.1							1.0
KRBR	BN	137	24	AML		137	8.50			635	0.3				
BNDS	BZ	161	181	EPg		136	53.87	0.0							1.0
BNDS	BN	161	181	ESg		137	13.36	0.0							1.0
BNDS	BN	161	181	AML		137	21.98			253	0.4				
GHIR	BZ	319	259	EPn		137	14.10	0.0							0.9
GHIR	BE	319	259	AML		137	50.69			74	0.3				
GHIR	BN	319	259	AML		137	51.91			65	0.2				

**April 19 2007 Hour: 23:1 2.9 Lat: 35.37N Lon: 53.48E 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	140	283	EPg		23	1	26.45	0.1						1.0
CHTH	BZ	221	286	EPg		23	1	39.03	-0.2						1.0
GHVR	BZ	226	245	EPg		23	1	39.68	-0.3						1.0
THKV	BZ	243	285	EPg		23	1	42.57	-0.1						1.0
THKV	BE	243	285	ESg		23	2	11.86	0.1						1.0
THKV	BE	243	285	AML		23	2	15.40		46	0.6				
THKV	BN	243	285	AML		23	2	21.27		40	0.5				
ASAO	BZ	328	255	EPn		23	1	51.95	0.4						0.9
ASAO	BE	328	255	AML		23	2	32.98		17	0.6				
ASAO	BN	328	255	AML		23	2	36.86		11	0.4				

**April 20 2007 Hour: 7:58 31.0 Lat: 37.33N Lon: 56.61E Depth: 17 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
MRVT	BZ	59	309	EPg		758	41.63	0.2							1.0
MRVT	BN	59	309	ESg		758	48.83	-0.2							1.0
MRVT	BN	59	309	AML		758	49.32		28634	0.2					
MRVT	BE	59	309	AML		758	49.91		22511	0.2					
DAMV	BZ	456	247	EPn		759	35.34	0.1							0.8
DAMV	BE	456	247	ESg		8 0	38.48	0.1							0.8
DAMV	BE	456	247	AML		8 0	56.85		187	0.5					
DAMV	BN	456	247	AML		8 1	3.06		144	0.7					
CHTH	BZ	515	254	EPn		759	42.55	0.0							0.8
THKV	BZ	536	255	EPn		759	45.17	0.1							0.8
THKV	BN	536	255	AML		8 1	9.13		133	0.6					
THKV	BE	536	255	AML		8 1	24.94		118	0.6					
GHVR	BZ	578	238	EPn		759	50.12	0.0							0.8
NASN	BZ	610	216	EPn		759	53.95	-0.5							0.7
ASAO	BZ	669	244	EPn		8 0	1.80	0.2							0.7

**April 20 2007 Hour: 8: 4 43.9 Lat: 37.30N Lon: 56.52E Depth: 16 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
MRVT	BZ	55	316	EPg		8 4	53.89	0.1							1.0
MRVT	BE	55	316	ESg		8 5	0.87	-0.1							1.0
MRVT	BE	55	316	AML		8 5	1.48		32239	0.2					
MRVT	BN	55	316	AML		8 5	3.13		17799	0.3					
DAMV	BZ	448	247	EPn		8 5	47.28	0.1							0.9
DAMV	BN	448	247	ESg		8 6	49.14	0.0							0.9
DAMV	BE	448	247	AML		8 7	5.18		263	0.6					
DAMV	BN	448	247	AML		8 7	8.02		196	0.7					
CHTH	BZ	507	254	EPn		8 5	54.64	0.1							0.8
THKV	BZ	528	255	EPn		8 5	57.02	0.0							0.8
THKV	BN	528	255	AML		8 7	19.89		166	0.6					
THKV	BE	528	255	AML		8 7	37.35		172	0.6					
GHVR	BZ	570	238	EPn		8 6	2.36	0.2							0.8
GHVR	BE	570	238	AML		8 7	39.25		113	0.7					
GHVR	BN	570	238	AML		8 7	46.32		65	0.7					
NASN	BZ	603	215	EPn		8 6	6.25	-0.3							0.7
ASAO	BZ	661	244	EPn		8 6	13.49	-0.2							0.7

**April 20 2007 Hour: 12:17 34.1 Lat: 31.59N Lon: 50.08E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	134	296	EPg		1217	56.19	-0.2							1.0
SHGR	BN	134	296	ESg		1218	12.76	0.0							1.0
SHGR	BN	134	296	AML		1218	17.30		1456	0.7					
SHGR	BE	134	296	AML		1218	17.51		1378	0.6					
NASN	BZ	290	62	EPn		1218	17.72	-0.4							1.0
ASAO	BZ	328	359	EPn		1218	23.10	0.4							0.9
ASAO	BN	328	359	AML		1219	21.20		34	0.6					
ASAO	BE	328	359	AML		1219	22.69		34	0.7					
GHVR	BZ	338	18	EPn		1218	24.34	0.5							0.9
GHVR	BE	338	18	ESg		1219	8.75	-0.2							0.9

**April 21 2007 Hour: 8:47 31.8 Lat: 36.76N Lon: 49.62E 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
THKV	BZ	147	129	EPg		847	56.43	0.0							1.0
THKV	BN	147	129	ESg		848	14.37	0.1							1.0
THKV	BN	147	129	AML		848	15.38		111	0.1					
CHTH	BZ	165	125	EPg		847	58.98	-0.3							1.0
DAMV	BZ	246	120	EPg		848	12.21	0.1							1.0
DAMV	BN	246	120	ESg		848	41.54	0.0							1.0

DAMV	BE	246	120	AML		848	41.97			40	0.3				
DAMV	BN	246	120	AML		848	43.39			41	0.5				
ASAO	BZ	248	171	EPg		848	12.23	-0.3							1.0
GHVR	BZ	293	149	EPn		848	16.43	0.5							1.0
GHVR	BN	293	149	ESg		848	54.34	0.1							1.0

**April 21 2007 Hour: 15:32 13.7 Lat: 28.13N Lon: 57.60E Depth: 15 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
BNDS	BZ	162	240	EPg		1532	40.67	0.0							1.0
BNDS	BN	162	240	AML		1533	6.30			1667	0.4				
KRBR	BZ	221	338	EPg		1532	50.02	0.0							1.0
KRBR	BN	221	338	AML		1533	25.33			586	0.1				
ZHSF	BZ	351	61	EPn		1533	4.99	0.0							0.9

**April 21 2007 Hour: 15:34 32.6 Lat: 27.95N Lon: 57.53E 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
BNDS	BZ	148	246	EPg		1534	57.24	0.0							1.0
BNDS	BN	148	246	AML		1535	25.08			261	0.1				
KRBR	BZ	237	342	EPg		1535	11.60	0.0							1.0
KRBR	BN	237	342	AML		1535	48.92			271	0.6				
ZHSF	BZ	366	59	EPn		1535	25.86	0.0							0.9
ZHSF	BE	366	59	AML		1535	44.46			16	0.8				

**April 21 2007 Hour: 20:9 33.5 Lat: 36.21N Lon: 54.16E Depth: 17 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	208	253	EPn		2010	5.91	-1.1							1.0
DAMV	BN	208	253	AML		2010	37.33			85	0.9				
MRVT	BZ	235	46	EPg		2010	11.42	-0.5							1.0
MRVT	BE	235	46	ESg		2010	40.39	0.4							1.0
CHTH	BZ	276	264	EPn		2010	15.92	0.5							1.0
THKV	BZ	298	265	EPn		2010	18.59	0.5							1.0
THKV	BN	298	265	ESg		2010	57.19	-0.2							1.0
THKV	BN	298	265	AML		2011	1.02			93	0.4				
THKV	BE	298	265	AML		2011	1.59			128	0.9				
GHVR	BZ	328	235	EPn		2010	21.69	0.1							0.9
GHVR	BN	328	235	ESg		2011	5.79	0.3							0.9
GHVR	BN	328	235	AML		2011	13.10			48	0.7				
GHVR	BE	328	235	AML		2011	16.08			61	0.4				

**April 22 2007 Hour: 3:41 0.5 Lat: 29.08N Lon: 53.26E 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
BNDS	BZ	341	122	EPn		341	50.72	-0.1							1.0
BNDS	BN	341	122	AML		343	3.90			78	0.6				
KRBR	BZ	354	73	EPn		341	52.50	0.0							1.0
KRBR	BN	354	73	AML		343	10.15			43	0.5				
NASN	BZ	414	354	EPN5		342	0.14	0.2							0.9
NASN	BE	414	354	ESg		342	56.48	-0.1							0.9
NASN	BN	414	354	AML		342	58.41			15	0.4				
NASN	BE	414	354	AML		342	58.72			21	0.3				
GHVR	BZ	628	343	EPN5		342	26.19	-0.1							0.8

**April 22 2007 Hour: 10:15 12.6 Lat: 28.02N Lon: 57.37E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	137	240	EPg		1015	35.59	0.0							1.0
BNDS	BN	137	240	ESg		1015	52.48	0.1							1.0
BNDS	BN	137	240	AML		1015	54.11			719	0.4				
KRBR	BZ	225	345	EPg		1015	48.97	-0.7							1.0
KRBR	BN	225	345	ESg		1016	17.03	0.4							1.0
KRBR	BN	225	345	AML		1016	21.60			155	0.2				

ZHSF	BZ	376	61	EPn		1016	7.37	0.2									0.9
GHIR	BZ	432	275	EPn		1016	14.08	0.0									0.9

**April 23 2007 Hour: 9:4 53.5 Lat: 30.66N Lon: 49.04E Depth: 33 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	162	352	EPg		9 5	19.87	0.0							1.0
SHGR	BN	162	352	ESg		9 5	39.13	0.0							1.0
SHGR	BE	162	352	AML		9 5	45.39			213	0.3				
SHGR	BN	162	352	AML		9 5	46.12			309	0.4				
NASN	BZ	428	55	EPn		9 5	52.81	0.0							0.9
ASAO	BZ	440	12	EPn		9 5	54.31	0.0							0.9
ASAO	BN	440	12	AML		9 7	7.24			10	0.6				
SNGE	BZ	516	343	EPn		9 6	3.64	0.0							0.8

**April 23 2007 Hour: 9:18 50.0 Lat: 30.14N Lon: 52.73E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.2ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	207	173	EPg		919	23.84	-0.2							1.0
GHIR	BN	207	173	ESg		919	48.75	-0.2							1.0
GHIR	BN	207	173	AML		919	57.66			146	0.4				
GHIR	BE	207	173	AML		920	0.10			208	0.4				
NASN	BZ	295	1	EPn		919	34.45	-0.1							1.0
NASN	BN	295	1	ESg		920	12.67	-0.5							1.0
KRBR	BZ	389	92	EPn		919	46.67	0.4							0.9
KRBR	BN	389	92	AML		920	51.02			56	0.7				
ASAO	BZ	551	333	EPn		920	7.20	0.9							0.8

**April 23 2007 Hour: 11:36 29.4 Lat: 29.63N Lon: 51.51E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.9ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	207	136	EPg		1137	3.27	-0.1							1.0
GHIR	BN	207	136	AML		1137	46.59			1116	0.7				
GHIR	BE	207	136	AML		1137	49.46			954	0.7				
NASN	BZ	372	19	EPn		1137	23.00	-0.6							0.9
SHGR	BZ	378	317	EPn		1137	23.23	-0.7							0.9
SHGR	BN	378	317	Sn		1138	4.35	0.7							0.9
KRBR	BZ	509	84	EPn		1137	41.62	1.2							0.8
KRBR	BN	509	84	AML		1139	5.81			94	0.7				
BNDS	BZ	518	117	EPn		1137	41.73	0.2							0.8
BNDS	BN	518	117	AML		1139	9.91			95	0.4				
GHVR	BZ	538	357	EPn		1137	43.83	-0.1							0.8
GHVR	BN	538	357	AML		1138	47.49			78	0.6				
GHVR	BE	538	357	AML		1139	18.76			68	1.0				
ASAO	BZ	563	346	EPn		1137	47.56	0.4							0.8
ASAO	BE	563	346	Sn		1138	44.57	0.6							0.8
ASAO	BE	563	346	AML		1139	3.21			80	0.5				
ASAO	BN	563	346	AML		1139	26.82			73	0.8				
DAMV	BZ	667	4	EPn		1137	58.80	-1.3							0.7
CHTH	BZ	697	357	EPn		1138	3.55	-0.3							0.7
ZHSF	BZ	897	88	EPn		1138	28.39	-0.1							0.5

**April 23 2007 Hour: 12:12 4.1 Lat: 29.41N Lon: 52.02E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	157	143	EPg		1212	30.06	-0.1							1.0
GHIR	BN	157	143	ESg		1212	49.27	0.2							1.0
GHIR	BE	157	143	AML		1212	54.36			1225	0.5				
NASN	BZ	383	11	EPn		1212	59.54	-0.2							0.9
NASN	BN	383	11	Sn		1213	40.50	0.2							0.9
SHGR	BZ	429	315	EPn		1213	5.22	0.2							0.9
SHGR	BN	429	315	AML		1213	56.46			103	0.3				
KRBR	BZ	463	81	EPn		1213	9.41	-0.2							0.8
KRBR	BN	463	81	AML		1214	28.90			51	0.7				

BNDS BN	464	118	AML	1213	56.58				68	0.4					
ASAO BZ	600	342	EPn	1213	26.34	-0.2									0.7

**April 24 2007 Hour: 3:33 16.5 Lat: 36.00N Lon: 52.89E Depth: 15F 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
DAMV	BZ	93	244	EPg		333	31.92	-0.6							1.0
DAMV	BE	93	244	AML		333	54.01			565	0.3				
DAMV	BN	93	244	AML		333	54.05			600	0.5				
CHTH	BZ	160	267	EPg		333	43.11	-0.1							1.0
THKV	BZ	182	268	EPg		333	47.26	0.6							1.0
THKV	BE	182	268	AML		334	19.47			261	0.4				
THKV	BN	182	268	AML		334	21.46			280	0.7				
GHVR	BZ	225	222	EPg		333	52.71	-0.8							1.0
ASAO	BZ	306	239	EPn		334	2.95	0.5							1.0
ASAO	BE	306	239	AML		334	48.90			68	0.5				
ASAO	BN	306	239	AML		334	49.88			74	0.5				
MRVT	BZ	340	56	EPn		334	6.04	-0.3							0.9
NASN	BZ	355	181	EPn		334	9.25	0.7							0.9

**April 24 2007 Hour: 11:38 40.8 Lat: 33.93N Lon: 56.90E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BZ	401	253	EPn		1139	39.17	0.6							1.0
NASN	BE	401	253	AML		1140	53.57			140	0.6				
NASN	BN	401	253	AML		1140	55.67			143	0.3				
MRVT	BZ	420	350	EPn		1139	41.04	0.4							1.0
MRVT	BN	420	350	AML		1140	47.71			46	0.2				
MRVT	BE	420	350	AML		1140	51.81			72	0.6				
DAMV	BZ	489	294	EPn		1139	48.80	-0.6							0.9
DAMV	BE	489	294	AML		1141	10.76			203	0.7				
DAMV	BN	489	294	AML		1141	18.80			122	0.5				
GHVR	BZ	525	278	EPn		1139	53.84	0.2							0.9
CHTH	BZ	571	294	EPn		1139	58.97	-0.6							0.9
ZHSF	BZ	603	142	EPn		1140	3.20	-0.3							0.8
ASAO	BZ	637	278	EPn		1140	7.63	-0.1							0.8

**April 25 2007 Hour: 4:19 0.1 Lat: 28.21N Lon: 56.24E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.7ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	90	184	EPg		419	14.76	-0.8							1.0
BNDS	BN	90	184	ESg		419	27.43	0.6							1.0
BNDS	BN	90	184	AML		419	31.51			30394	0.7				
GHIR	BZ	319	272	EPn		419	47.53	0.0							0.9
GHIR	BN	319	272	AML		421	2.48			2249	0.9				
GHIR	BE	319	272	AML		421	9.65			2776	0.7				
ZHSF	BZ	469	70	EPn		420	6.18	0.0							0.8
NASN	BZ	606	328	EPn		420	23.44	0.1							0.7
NASN	BN	606	328	ESg		421	48.63	-0.2							0.7
SHGR	BZ	836	303	EPn		420	50.57	-1.0							0.6
GHVR	BZ	842	327	EPn		420	53.47	1.1							0.6
GHVR	BE	842	327	Sn		422	14.81	0.4							0.6
DAMV	BZ	916	335	EPn		421	2.18	0.3							0.5
ASAO	BZ	918	322	EPn		421	1.54	-0.5							0.5
CHTH	BZ	981	332	EPn		421	10.32	0.5							0.5
THKV	BZ	993	331	EPn		421	11.82	0.5							0.4
SNGE	BZ	1137	314	EPn		421	28.05	-1.1							0.3
GRMI	BZ	1407	329	EP		422	2.72	0.1							0.1
MAKU	BZ	1633	322	EPN5		422	30.59	-0.2							0.0

**April 25 2007 Hour: 4:54 16.8 Lat: 31.53N Lon: 51.08E 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	215	49	EPg		454	52.49	0.2							1.0
NASN	BN	215	49	ESg		455	18.16	-0.1							1.0
SHGR	BZ	225	287	EPg		454	53.43	-0.2							1.0
SHGR	BE	225	287	ESg		455	20.53	0.1							1.0
SHGR	BE	225	287	AML		455	33.22			274	0.6				
SHGR	BN	225	287	AML		455	41.20			218	0.7				
ASAO	BZ	349	344	EPn		455	8.06	0.0							0.9
ASAO	BE	349	344	AML		455	57.23			63	0.7				
ASAO	BN	349	344	AML		456	1.12			65	0.7				
DAMV	BZ	462	10	EPn		455	22.13	0.0							0.8
DAMV	BE	462	10	AML		456	34.44			34	0.6				
DAMV	BN	462	10	AML		456	39.98			23	0.6				

**April 25 2007 Hour: 9:48 38.9 Lat: 28.10N Lon: 56.23E 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
BNDS	BZ	78	184	EPg		948	52.52	0.0							1.0
BNDS	BN	78	184	AML		949	14.98			1474	0.4				
GHIR	BZ	319	274	EPn		949	26.20	-0.1							0.9
GHIR	BN	319	274	AML		950	25.44			95	0.5				
GHIR	BE	319	274	AML		950	36.27			92	0.7				
ZHSF	BZ	474	68	EPn		949	45.83	0.2							0.8
ZHSF	BN	474	68	ESg		950	51.05	-0.1							0.8

**April 25 2007 Hour: 16:56 32.5 Lat: 33.33N Lon: 50.78E Depth: 15 Agency: INS Local**  
**Magnitudes: 2.9ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	135	19	EPg		1656	54.97	-0.1							1.0
GHVR	BE	135	19	ESg		1657	11.50	-0.1							1.0
GHVR	BE	135	19	AML		1657	14.75			205	0.4				
ASAO	BZ	152	333	EPg		1656	57.86	0.0							1.0
ASAO	BE	152	333	ESg		1657	15.82	-0.6							1.0
ASAO	BE	152	333	AML		1657	16.78			180	0.6				
ASAO	BN	152	333	AML		1657	21.36			176	0.4				
NASN	BZ	199	107	EPg		1657	5.11	-0.2							1.0
NASN	BN	199	107	ESg		1657	29.03	-0.3							1.0
DAMV	BZ	278	23	EPn		1657	15.32	0.4							1.0
DAMV	BE	278	23	AML		1657	52.43			75	0.4				
DAMV	BN	278	23	AML		1657	52.69			56	0.3				
CHTH	BZ	288	6	EPn		1657	17.09	1.0							1.0

**April 25 2007 Hour: 20: 2 15.4 Lat: 28.23N Lon: 56.27E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.5ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	93	186	EPg		20 2	31.08	-0.3							1.0
BNDS	BN	93	186	AML		20 2	53.05			19479	0.5				
KRBR	BZ	200	14	EPg		20 2	47.58	-0.8							1.0
KRBR	BN	200	14	ESg		20 3	12.43	0.0							1.0
KRBR	BN	200	14	AML		20 3	18.41			5136	0.3				
GHIR	BZ	322	272	EPn		20 3	3.26	0.0							0.9
GHIR	BE	322	272	AML		20 4	11.01			1355	0.9				
GHIR	BN	322	272	AML		20 4	22.02			1245	0.6				
ZHSF	BZ	465	70	EPn		20 3	21.57	0.6							0.8
ZHSF	BN	465	70	ESg		20 4	25.36	0.2							0.8
NASN	BZ	606	328	EPn		20 3	38.67	0.0							0.7
SHGR	BZ	838	303	EPn		20 4	6.69	-0.4							0.6
GHVR	BZ	841	327	EPn		20 4	8.61	0.9							0.6
DAMV	BZ	915	335	EPn		20 4	18.01	1.0							0.5
ASAO	BZ	918	321	EPn		20 4	17.33	0.0							0.5
CHTH	BZ	980	332	EPn		20 4	25.37	0.3							0.5



THKV BZ 992 331 EPn 20 4 26.89 0.4 0.5

**April 25 2007 Hour: 20:40 11.6 Lat: 27.14N Lon: 53.46E Depth: 40 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
GHIR	BZ	135	340	EPg		2040	34.33	0.0							1.0
GHIR	BE	135	340	ESg		2040	50.85	0.0							1.0
GHIR	BE	135	340	AML		2040	51.63			356	0.4				
GHIR	BN	135	340	AML		2040	54.67			259	0.7				
BNDS	BZ	270	83	EPn		2040	50.51	0.0							1.0
BNDS	BN	270	83	ESg		2041	26.28	-0.1							1.0
KRBR	BZ	451	45	EPn		2041	13.37	0.2							0.9
KRBR	BN	451	45	AML		2042	12.07			13	0.3				
NASN	BZ	630	354	EPn		2041	35.17	-0.3							0.7

**April 26 2007 Hour: 2:31 59.7 Lat: 28.22N Lon: 56.26E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.5ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	92	185	EPg		232	15.03	-0.4							1.0
BNDS	BN	92	185	ESg		232	26.91	0.0							1.0
BNDS	BN	92	185	AML		232	33.96			1816	0.4				
KRBR	BZ	201	14	EPg		232	32.18	-0.7							1.0
KRBR	BN	201	14	AML		233	10.83			478	0.5				
GHIR	BZ	321	272	EPn		232	47.84	0.5							0.9
GHIR	BN	321	272	AML		233	49.72			122	0.5				
GHIR	BE	321	272	AML		234	2.58			125	0.6				
ZHSF	BZ	467	70	EPn		233	5.85	0.3							0.8
ZHSF	BN	467	70	ESg		234	10.29	0.3							0.8
NASN	BZ	606	328	EPn		233	23.32	0.4							0.7

**April 26 2007 Hour: 3:45 20.4 Lat: 30.81N Lon: 56.73E Depth: 6 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
KRBR	BZ	92	178	EPg		345	36.66	0.0							1.0
KRBR	BN	92	178	AML		345	49.57			1970	0.3				
BNDS	BZ	382	188	EPn		346	16.68	0.1							0.9
BNDS	BN	382	188	AML		347	2.40			74	0.5				
ZHSF	BZ	411	108	EPn		346	20.17	0.0							0.9
NASN	BZ	432	302	EPn		346	22.99	0.1							0.9
NASN	BE	432	302	AML		347	26.38			54	0.6				
NASN	BN	432	302	AML		347	35.17			61	0.4				
GHIR	BZ	458	233	EPn		346	25.88	-0.1							0.8
GHIR	BE	458	233	AML		347	40.90			42	0.5				
GHIR	BN	458	233	AML		347	46.53			38	0.6				

**April 26 2007 Hour: 4:3 31.2 Lat: 28.23N Lon: 56.25E 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
BNDS	BZ	92	185	EPg		4 3	46.95	-0.1							1.0
BNDS	BN	92	185	AML		4 4	12.53			5823	0.8				
KRBR	BZ	201	14	EPg		4 4	4.19	-0.2							1.0
KRBR	BN	201	14	ESg		4 4	28.57	0.0							1.0
KRBR	BN	201	14	AML		4 4	42.94			1951	0.6				
GHIR	BZ	320	272	EPn		4 4	18.67	-0.1							0.9
GHIR	BN	320	272	AML		4 5	23.57			445	0.5				
GHIR	BE	320	272	AML		4 5	44.17			438	0.6				
ZHSF	BZ	467	70	EPn		4 4	37.26	0.2							0.8
NASN	BZ	605	328	EPn		4 4	54.75	0.4							0.7
DAMV	BZ	915	335	EPn		4 5	33.12	0.3							0.5
ASAO	BZ	917	321	EPn		4 5	32.94	-0.1							0.5

**April 26 2007 Hour: 4:59 34.1 Lat: 28.23N Lon: 56.23E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.0ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	92	184	EPg		459	49.70	-0.2							1.0
BNDS	BN	92	184	AML		5 0	11.57			5648	0.4				
KRBR	BZ	201	15	EPg		5 0	6.50	-0.8							1.0
KRBR	BN	201	15	AML		5 0	38.36			2846	0.4				
GHIR	BZ	319	272	EPn		5 0	21.39	0.0							0.9
GHIR	BN	319	272	AML		5 1	25.11			359	0.8				
GHIR	BE	319	272	AML		5 1	36.37			389	0.5				
ZHSF	BZ	469	70	EPn		5 0	40.85	0.7							0.8
NASN	BZ	604	328	EPN5		5 0	57.57	0.5							0.7
DAMV	BZ	914	335	EPn		5 1	36.14	0.6							0.5
ASAO	BZ	916	321	EPn		5 1	36.54	0.8							0.5
SNGE	BZ	1135	314	EPN5		5 2	1.84	-1.0							0.3

**April 26 2007 Hour: 14:11 14.3 Lat: 28.23N Lon: 56.26E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.1ML INS Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	92	186	EPg		1411	29.56	-0.5							1.0
BNDS	BN	92	186	ESg		1411	41.62	-0.1							1.0
KRBR	BZ	200	14	EPg		1411	46.71	-0.6							1.0
KRBR	BN	200	14	ESg		1412	11.11	-0.4							1.0
KRBR	BN	200	14	AML		1412	18.71			2608	0.6				
GHIR	BZ	321	272	EPn		1412	2.16	0.2							0.9
GHIR	BN	321	272	AML		1413	14.46			437	0.5				
GHIR	BE	321	272	AML		1413	14.88			453	0.6				
ZHSF	BZ	466	70	EPn		1412	21.20	1.3							0.8
NASN	BZ	605	328	EPn		1412	38.67	1.2							0.7
ASAO	BZ	918	321	EPn		1413	16.07	-0.1							0.5
SNGE	BZ	1137	314	EPn		1413	42.41	-0.9							0.3

**April 26 2007 Hour: 22:18 10.6 Lat: 27.93N Lon: 52.58E Depth: 12 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	56	45	EPg		2218	20.69	0.0							1.0
GHIR	BE	56	45	ESg		2218	28.17	0.1							1.0
GHIR	BE	56	45	AML		2218	32.78			3410	0.5				
GHIR	BN	56	45	AML		2218	35.31			2225	0.5				
BNDS	BZ	359	99	EPn		2219	3.50	0.3							0.9
BNDS	BN	359	99	ESg		2219	56.49	-0.3							0.9
KRBR	BZ	467	60	EPn		2219	16.85	0.1							0.8
KRBR	BN	467	60	AML		2220	34.34			34	0.6				
NASN	BZ	540	2	EPn		2219	25.61	-0.3							0.8
NASN	BE	540	2	Sn		2220	20.81	-0.1							0.8

**April 27 2007 Hour: 0:46 59.8 Lat: 35.55N Lon: 52.49E Depth: 15F Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	48	281	EPg		047	8.32	-0.3							1.0
DAMV	BN	48	281	AML		047	13.69			1093	0.4				
DAMV	BE	48	281	AML		047	13.69			1257	0.5				
CHTH	BZ	130	288	EPg		047	21.28	-0.3							1.0
THKV	BZ	151	286	EPg		047	25.64	0.6							1.0
THKV	BN	151	286	ESg		047	43.42	0.0							1.0
THKV	BE	151	286	AML		047	45.49			73	0.3				
THKV	BN	151	286	AML		047	47.90			63	0.4				
ASAO	BZ	251	244	EPg		047	40.88	0.0							1.0
ASAO	BN	251	244	ESg		048	10.79	0.0							1.0
ASAO	BE	251	244	AML		048	13.72			15	0.4				
NASN	BZ	306	174	EPn		047	45.74	0.0							1.0

**April 28 2007 Hour: 8:59 36.7 Lat: 28.24N Lon: 55.37E Depth: 17 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
BNDS	BZ	122	140	EPg		859	57.40	0.1							1.0
BNDS	BN	122	140	AML		9 0	19.39			2109	0.3				
KRBR	BZ	236	35	EPg		9 0	15.42	0.0							1.0
KRBR	BN	236	35	ESg		9 0	43.69	0.1							1.0
KRBR	BN	236	35	AML		9 0	53.70			531	0.5				
ZHSF	BZ	548	73	EPn		9 0	52.03	-0.2							0.8

**April 28 2007 Hour: 20:11 48.4 Lat: 39.97N Lon: 53.16E Depth: 15 Agency: INS Local**  
**Magnitudes: 4.7ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MRVT	BZ	361	134	EPn		2012	40.97	0.1							1.0
MRVT	BE	361	134	AML		2013	21.69			1950	0.3				
MRVT	BN	361	134	AML		2013	23.97			1802	0.1				
GRMI	BZ	471	256	EPn		2012	54.33	-0.4							0.9
GRMI	BN	471	256	AML		2013	47.10			1225	0.3				
GRMI	BE	471	256	AML		2013	47.36			813	0.4				
CHTH	BZ	485	202	EPn		2012	56.28	-0.2							0.9
THKV	BZ	492	205	EPn		2012	57.58	0.2							0.9
THKV	BN	492	205	AML		2013	49.85			943	0.6				
THKV	BE	492	205	AML		2013	52.76			1217	0.6				
DAMV	BZ	493	193	EPn		2012	57.12	-0.3							0.9
DAMV	BE	493	193	AML		2013	49.52			572	0.3				
ASAO	BZ	662	206	EPn		2013	18.65	0.1							0.8
MAKU	BZ	730	267	EPn		2013	27.15	0.2							0.7
SNGE	BZ	746	225	EPn		2013	29.53	0.7							0.7

**April 28 2007 Hour: 20:46 18.7 Lat: 28.22N Lon: 56.14E 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
BNDS	BZ	91	178	EPg		2046	34.20	0.0							1.0
BNDS	BN	91	178	AML		2046	54.22			827	0.5				
KRBR	BZ	205	17	EPg		2046	52.26	-0.2							1.0
KRBR	BN	205	17	AML		2047	24.11			424	0.6				
ZHSF	BZ	477	70	EPn		2047	25.97	0.2							0.8
NASN	BZ	600	329	EPn		2047	41.39	0.2							0.7

**April 28 2007 Hour: 21: 9 0.8 Lat: 28.23N Lon: 56.13E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	92	178	EPg		21 9	16.54	-0.1							1.0
BNDS	BN	92	178	AML		21 9	39.03			1998	0.6				
KRBR	BZ	204	17	EPg		21 9	34.16	-0.3							1.0
KRBR	BN	204	17	AML		2110	12.25			625	0.9				
ZHSF	BZ	478	70	EPn		2110	8.33	0.3							0.8
NASN	BZ	599	329	EPn		2110	23.48	0.3							0.7

**April 28 2007 Hour: 21:22 55.9 Lat: 28.18N Lon: 56.17E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.0ML INS Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	87	180	EPg		2123	10.73	-0.1							1.0
BNDS	BN	87	180	AML		2123	34.17			5443	0.4				
KRBR	BZ	208	16	EPg		2123	28.69	-1.5							1.0
KRBR	BN	208	16	ESg		2123	55.53	0.3							1.0
KRBR	BN	208	16	AML		2124	0.01			1718	0.4				
ZHSF	BZ	477	69	EPn		2124	2.83	-0.1							0.8
ZHSF	BE	477	69	ESg		2125	9.70	0.8							0.8
NASN	BZ	605	329	EPn		2124	20.08	1.0							0.7
SHGR	BZ	832	303	EPn		2124	47.27	0.4							0.6
GHVR	BZ	841	327	EPn		2124	48.64	0.5							0.6
DAMV	BZ	916	335	EPn		2124	58.24	0.6							0.5

ASAO	BZ	916	322	EPn		2124	57.72	0.1									0.5
CHTH	BZ	980	332	EPn		2125	5.78	0.2									0.5
THKV	BZ	992	331	EPn		2125	7.00	0.0									0.5
SNGE	BZ	1134	315	EPn		2125	23.89	-0.7									0.3

**April 29 2007 Hour: 4:17 16.2 Lat: 28.19N Lon: 56.25E 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
BNDS	BZ	88	185	EPg		417	31.31	0.0							1.0
BNDS	BN	88	185	AML		417	53.12			134	0.4				
KRBR	BZ	205	14	EPn		417	49.34	0.0							1.0
KRBR	BN	205	14	ESg		418	14.82	0.0							1.0
KRBR	BN	205	14	AML		418	23.51			53	0.5				
NASN	BZ	609	328	EPn		418	39.52	0.0							0.7

**April 29 2007 Hour: 4:27 41.7 Lat: 32.81N Lon: 53.95E 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
NASN	BZ	107	269	EPg		427	59.86	-0.1							1.0
NASN	BN	107	269	ESg		428	13.47	0.1							1.0
NASN	BN	107	269	AML		428	14.90			224	0.2				
GHVR	BZ	312	307	EPn		428	28.22	0.1							1.0
GHVR	BE	312	307	AML		429	17.35			26	1.0				
GHVR	BN	312	307	AML		429	19.63			29	0.7				
KRBR	BZ	412	139	EPn		428	40.94	0.0							0.9
ASAO	BZ	412	299	EPn		428	40.71	-0.1							0.9

**April 29 2007 Hour: 5:36 9.7 Lat: 35.74N Lon: 52.37E Depth: 6 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	38	252	EPg		536	16.61	-0.2							1.0
DAMV	BN	38	252	ESg		536	22.10	0.1							1.0
DAMV	BN	38	252	AML		536	22.47			1835	0.3				
CHTH	BZ	114	280	EPg		536	29.42	-0.2							1.0
THKV	BZ	137	279	EPg		536	33.79	0.4							1.0
THKV	BE	137	279	AML		536	53.76			143	0.2				
THKV	BN	137	279	AML		536	55.26			122	0.4				
GHVR	BZ	173	217	EPg		536	39.67	0.1							1.0
GHVR	BE	173	217	ESg		537	1.04	-0.3							1.0
GHVR	BE	173	217	AML		537	9.18			68	0.3				
ASAO	BZ	251	239	EPn		536	49.76	0.0							1.0
ASAO	BE	251	239	AML		537	23.31			26	0.3				
ASAO	BN	251	239	AML		537	23.93			27	0.4				

**April 29 2007 Hour: 6:33 56.6 Lat: 25.57N Lon: 61.79E Depth: 15 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
ZHSF	BZ	459	348	EPn		635	1.31	0.0							1.0
ZHSF	BN	459	348	AML		635	40.27			116	0.8				
ZHSF	BE	459	348	AML		635	40.30			112	0.6				
BNDS	BZ	596	291	EPN5		635	18.32	0.0							0.9
BNDS	BN	596	291	AML		636	25.77			127	0.4				
KRBR	BZ	696	316	EPN5		635	31.01	0.1							0.8
NASN	BZ	1185	315	EPN5		636	31.54	-0.1							0.4
GHVR	BZ	1417	317	EPn		636	59.76	-0.4							0.2

**April 30 2007 Hour: 1:38 16.7 Lat: 28.39N Lon: 55.19E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.9ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	146	139	EPg		138	41.24	0.1							1.0
BNDS	BN	146	139	AML		139	3.44			1965	0.6				
KRBR	BZ	233	40	EPg		138	54.35	-0.7							1.0
KRBR	BN	233	40	ESg		139	23.34	0.4							1.0
KRBR	BN	233	40	AML		139	34.20			778	0.6				

NASN	BZ	540	336	EPn	139	31.84	0.1								0.8
ZHSF	BZ	560	75	EPn	139	34.18	0.0								0.8
ASAO	BZ	841	326	EPn	140	9.23	0.2								0.6

**May 1 2007 Hour: 7:51 27.6 Lat: 27.00N Lon: 55.78E Depth: 20 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
BNDS	BZ	59	41	EPg		751	38.48	0.0							1.0
BNDS	BN	59	41	ESg		751	46.35	0.0							1.0
BNDS	BN	59	41	AML		752	4.72		7471	0.7					
KRBR	BZ	344	16	EPn		752	19.86	0.1							0.9
KRBR	BN	344	16	AML		753	23.96		406	0.6					
ZHSF	BZ	569	58	EPn		752	47.46	-0.1							0.8
NASN	BZ	704	337	EPn		753	4.51	0.0							0.7
NASN	BN	704	337	AML		754	20.50		31	0.5					
ASAO	BZ	1002	328	EPn		753	41.22	-0.2							0.4

**May 1 2007 Hour: 10:18 49.4 Lat: 27.60N Lon: 56.32E Depth: 14 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
BNDS	BZ	26	214	EPg		1018	54.77	0.0							1.0
BNDS	BN	26	214	AML		1019	4.18		6758	0.4					
KRBR	BZ	268	9	EPn		1019	30.68	0.1							1.0
KRBR	BN	268	9	ESg		1020	5.14	0.0							1.0
KRBR	BN	268	9	AML		1020	10.30		264	0.5					
ZHSF	BZ	490	62	EPn		1019	58.00	0.0							0.8
NASN	BZ	668	330	EPn		1020	20.38	0.0							0.7

**May 1 2007 Hour: 14:40 24.8 Lat: 29.25N Lon: 51.65E Depth: 18F Agency: INS Local**  
**Magnitudes: 3.2ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	168	129	EPg		1440	52.72	0.0							1.0
GHIR	BE	168	129	ESg		1441	13.06	0.0							1.0
GHIR	BE	168	129	AML		1441	31.70		297	0.7					
GHIR	BN	168	129	AML		1441	31.72		211	0.7					
NASN	BZ	409	15	EPn		1441	23.20	0.0							0.9
ASAO	BZ	607	346	EPn		1441	47.78	0.0							0.7
ASAO	BE	607	346	AML		1442	53.92		17	0.6					
ASAO	BN	607	346	AML		1442	53.99		9	0.5					

**May 1 2007 Hour: 22:57 26.7 Lat: 36.40N Lon: 51.69E Depth: 26 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
CHTH	BZ	75	223	EPg		2257	39.59	-0.3							1.0
DAMV	BZ	89	163	EPg		2257	42.10	0.0							1.0
DAMV	BN	89	163	AML		2257	53.91		196	0.3					
THKV	BZ	91	234	EPg		2257	42.52	0.3							1.0
THKV	BN	91	234	AML		2257	55.50		263	0.4					
THKV	BE	91	234	AML		2257	56.67		131	0.4					
ASAO	BZ	255	217	EPg		2258	7.59	0.1							1.0
ASAO	BN	255	217	ESg		2258	37.28	0.0							1.0
ASAO	BN	255	217	AML		2258	40.73		26	0.4					
ASAO	BE	255	217	AML		2258	41.67		21	0.4					
GRMI	BZ	429	310	EPn		2258	26.50	0.0							0.9

**May 1 2007 Hour: 23:31 50.3 Lat: 32.48N Lon: 49.85E Depth: 14 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	107	248	EPg		2332	8.06	-0.2							1.0
SHGR	BN	107	248	ESg		2332	21.37	0.0							1.0
SHGR	BE	107	248	AML		2332	24.17		777	0.7					
SHGR	BN	107	248	AML		2332	29.64		803	0.5					
ASAO	BZ	230	4	EPg		2332	27.99	-0.1							1.0
ASAO	BN	230	4	ESg		2332	55.58	-0.1							1.0

ASAO	BN	230	4	AML	2333	1.36			122	0.6					
ASAO	BE	230	4	AML	2333	3.35			169	0.6					
GHVR	BZ	257	30	EPg	2332	31.80	-0.5								1.0
NASN	BZ	280	82	EPn	2332	32.97	-0.1								1.0
THKV	BZ	393	14	EPn	2332	47.54	0.6								0.9
DAMV	BZ	401	29	EPn	2332	48.55	0.5								0.9
DAMV	BE	401	29	AML	2333	49.59			41	0.6					
DAMV	BN	401	29	AML	2333	49.63			39	0.5					

**May 1 2007 Hour: 23:38 0.3 Lat: 28.35N Lon: 56.23E Depth: 14 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
KRBR	BZ	188	16	EPg		2338	31.38	0.0							1.0
KRBR	BN	188	16	ESg		2338	54.09	-0.1							1.0
KRBR	BN	188	16	AML		2339	2.77			905	0.6				
GHIR	BZ	318	269	EPn		2338	47.33	-0.2							0.9
GHIR	BN	318	269	AML		2339	57.61			229	0.6				
GHIR	BE	318	269	AML		2339	57.92			245	0.8				
ZHSF	BZ	465	71	EPN5		2339	5.88	0.0							0.8
NASN	BZ	592	327	EPn		2339	22.25	0.4							0.7

**May 2 2007 Hour: 2: 3 3.1 Lat: 28.42N Lon: 56.17E Depth: 27 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
KRBR	BZ	182	18	EPg		2 3	32.81	0.0							1.0
KRBR	BN	182	18	AML		2 4	4.65			1075	0.4				
GHIR	BZ	312	268	EPn		2 3	48.41	0.0							1.0
ZHSF	BZ	468	73	EPn		2 4	7.82	0.0							0.8
NASN	BZ	582	327	EPn		2 4	22.29	0.1							0.8
ASAO	BZ	895	321	EPn		2 5	0.86	-0.1							0.5
ASAO	BN	895	321	AML		2 6	41.68			7	0.6				
ASAO	BE	895	321	AML		2 6	57.82			5	0.6				
SNGE	BZ	1115	314	EPn		2 5	27.82	-0.4							0.4

**May 2 2007 Hour: 18:44 22.2 Lat: 39.91N Lon: 49.88E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.4ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	210	235	EPg		1844	56.09	-0.6							1.0
MAKU	BZ	450	264	EPn		1845	26.36	0.5							0.9
THKV	BZ	452	168	EPn		1845	26.37	0.2							0.9
THKV	BN	452	168	AML		1846	15.28			532	0.4				
CHTH	BZ	458	166	EPn		1845	26.46	-0.5							0.8
DAMV	BZ	510	158	EPn		1845	33.67	0.3							0.8
DAMV	BN	510	158	AML		1846	30.91			284	0.3				
SNGE	BZ	580	203	EP		1845	42.58	0.6							0.8
ASAO	BZ	595	179	EPn		1845	44.27	0.3							0.7
MRVT	BZ	595	113	EP		1845	43.23	-0.5							0.7
GHVR	BZ	615	168	EPn		1845	46.44	0.2							0.7
NASN	BZ	832	161	EP		1846	13.51	0.1							0.6

**May 3 2007 Hour: 0: 3 23.1 Lat: 32.21N Lon: 55.52E 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	263	285	EPn		0 4	3.81	0.1							1.0
NASN	BN	263	285	ESg		0 4	37.54	0.0							1.0
NASN	BE	263	285	AML		0 4	39.70			134	0.2				
NASN	BN	263	285	AML		0 4	41.35			229	0.6				
KRBR	BZ	274	154	EPn		0 4	5.07	0.0							1.0
KRBR	BN	274	154	AML		0 4	43.32			197	1.0				
GHVR	BZ	471	304	EPn		0 4	29.25	-0.1							0.8
GHVR	BE	471	304	AML		0 5	44.11			40	0.2				
DAMV	BZ	502	320	EPN5		0 4	33.36	0.0							0.8
ASAO	BZ	573	298	EPn		0 4	42.08	-0.1							0.8
CHTH	BZ	577	317	EPN5		0 4	42.70	0.0							0.8

**May 5 2007 Hour: 4:52 15.3 Lat: 37.90N Lon: 56.24E Depth: 31 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MRVT	BZ	30	206	EPg		452	22.58	0.0							1.0
MRVT	BE	30	206	ESg		452	27.89	0.0							1.0
MRVT	BE	30	206	AML		452	28.39		6309	0.4					
MRVT	BN	30	206	AML		452	29.11		4360	0.5					
DAMV	BZ	457	238	EPn		453	18.61	0.3							0.8
DAMV	BN	457	238	AML		454	26.86		72	0.6					
DAMV	BE	457	238	AML		454	27.55		113	0.5					
CHTH	BZ	506	246	EPn		453	24.24	-0.2							0.8
THKV	BZ	526	247	EPn		453	26.76	-0.1							0.8
NASN	BZ	646	210	EPn		453	41.81	-0.1							0.7

**May 5 2007 Hour: 21:11 33.0 Lat: 39.14N Lon: 41.92E Depth: 14F Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MAKU	BZ	240	83	EPg		2112	11.82	-0.4							1.0
MAKU	BN	240	83	ESg		2112	40.98	0.1							1.0
MAKU	BE	240	83	AML		2112	45.20		501	0.4					
MAKU	BN	240	83	AML		2112	48.99		487	0.8					
GRMI	BZ	519	92	EPn		2112	45.93	0.7							0.8
GRMI	BE	519	92	AML		2114	17.77		40	1.5					
SNGE	BZ	659	131	EPn		2113	2.45	-0.3							0.7
THKV	BZ	868	112	EPn		2113	28.78	0.1							0.5
ASAO	BZ	884	123	EPn		2113	30.90	0.2							0.5
DAMV	BZ	971	111	EPn		2113	41.31	-0.2							0.5
SHGR	BZ	998	139	EPn		2113	44.59	0.0							0.4

**May 6 2007 Hour: 15:55 36.6 Lat: 35.66N Lon: 52.38E Depth: 7 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	38	264	EPg		1555	43.62	0.0							1.0
DAMV	BN	38	264	ESg		1555	48.57	-0.2							1.0
DAMV	BN	38	264	AML		1555	49.06		2441	0.5					
DAMV	BE	38	264	AML		1555	49.08		2688	0.3					
CHTH	BZ	117	284	EPg		1555	56.69	-0.4							1.0
THKV	BZ	139	282	EPg		1556	1.07	0.3							1.0
THKV	BN	139	282	ESg		1556	18.47	0.1							1.0
THKV	BE	139	282	AML		1556	20.87		154	0.3					
THKV	BN	139	282	AML		1556	24.24		107	0.5					
GHVR	BZ	167	219	EPg		1556	5.64	0.1							1.0
GHVR	BN	167	219	AML		1556	33.07		57	0.6					
GHVR	BE	167	219	AML		1556	35.69		83	0.5					
ASAO	BZ	248	241	EPn		1556	16.12	0.0							1.0
NASN	BZ	320	173	EPn		1556	25.04	-0.1							0.9
NASN	BE	320	173	AML		1557	14.18		9	0.3					
NASN	BN	320	173	AML		1557	15.90		7	0.3					

**May 7 2007 Hour: 3:39 28.5 Lat: 35.80N Lon: 49.03E Depth: 16 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	166	146	EPg		339	56.11	0.0							1.0
ASAO	BE	166	146	ESg		340	16.21	0.0							1.0
THKV	BZ	168	85	EPg		339	56.34	0.0							1.0
THKV	BE	168	85	ESg		340	16.96	0.2							1.0
THKV	BE	168	85	AML		340	27.83		72	0.6					
THKV	BN	168	85	AML		340	30.20		64	0.5					
SNGE	BZ	171	243	EPg		339	56.89	0.0							1.0
CHTH	BZ	190	86	EPg		339	59.92	0.0							1.0
CHTH	BN	190	86	ESg		340	22.62	-0.3							1.0
GHVR	BZ	250	125	EPg		340	9.32	0.1							1.0
GHVR	BN	250	125	AML		340	50.90		50	0.6					

GHVR	BE	250	125	AML		340	54.46			50	0.5			
DAMV	BZ	267	93	EPn		340	9.35	0.0						1.0
DAMV	BN	267	93	AML		340	51.84			35	0.6			
DAMV	BE	267	93	AML		340	52.87			63	0.7			

**May 7 2007 Hour: 9:16 46.1 Lat: 35.81N Lon: 49.01E Depth: 15F Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	167	146	EPg		917	13.65	-0.3							1.0
ASAO	BN	167	146	ESg		917	34.10	-0.1							1.0
ASAO	BE	167	146	AML		917	36.74			54	0.4				
ASAO	BN	167	146	AML		917	38.74			43	0.8				
THKV	BZ	169	85	EPg		917	13.85	-0.3							1.0
THKV	BN	169	85	AML		917	41.05			72	0.6				
THKV	BE	169	85	AML		917	45.76			85	0.5				
SNGE	BZ	171	243	EPg		917	14.36	-0.1							1.0
CHTH	BZ	191	86	EPg		917	16.89	-0.8							1.0
CHTH	BN	191	86	AML		917	45.76			43	0.5				
GHVR	BZ	251	125	EPg		917	27.63	0.5							1.0
GHVR	BN	251	125	AML		918	8.18			45	0.5				
GHVR	BE	251	125	AML		918	12.28			41	0.5				
DAMV	BZ	268	93	EPn		917	28.42	1.1							1.0
DAMV	BE	268	93	AML		918	10.44			55	0.7				
DAMV	BN	268	93	AML		918	12.92			40	0.5				

**May 7 2007 Hour: 10:44 32.0 Lat: 35.37N Lon: 52.12E Depth: 14F Agency: INS Local**  
**Magnitudes: 2.5ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	32	334	EPg		1044	37.79	-0.6							1.0
DAMV	BN	32	334	AML		1044	44.50			396	0.2				
DAMV	BE	32	334	AML		1044	44.54			1375	0.3				
CHTH	BZ	108	304	EPg		1044	50.47	0.0							1.0
GHVR	BZ	127	219	EPg		1044	53.35	0.0							1.0
GHVR	BN	127	219	AML		1045	21.84			70	0.6				
THKV	BZ	128	298	EPg		1044	54.41	0.9							1.0
THKV	BE	128	298	AML		1045	15.11			125	0.3				
THKV	BN	128	298	AML		1045	15.49			106	0.3				
ASAO	BZ	212	245	EPg		1045	6.48	-0.5							1.0
ASAO	BN	212	245	AML		1045	37.82			24	0.3				
ASAO	BE	212	245	AML		1045	44.64			32	0.6				
NASN	BZ	292	167	EPn		1045	16.59	0.3							1.0

**May 8 2007 Hour: 3:28 24.3 Lat: 31.90N Lon: 56.19E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.2ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	219	166	EPg		328	59.71	-0.7							1.0
KRBR	BN	219	166	ESg		329	26.96	0.2							1.0
KRBR	BN	219	166	AML		329	33.27			5562	0.3				
NASN	BZ	334	288	EPn		329	13.72	0.0							0.9
NASN	BN	334	288	AML		330	4.58			545	0.7				
BNSD	BZ	499	180	EPn		329	34.12	0.1							0.8
GHIR	BZ	506	218	EPn		329	35.21	0.3							0.8
GHIR	BN	506	218	AML		331	5.40			163	0.7				
ZHSF	BZ	507	119	EPn		329	35.37	0.3							0.8
ZHSF	BN	507	119	AML		330	56.79			194	1.2				
ZHSF	BZ	507	119	AML		330	57.37			226					
DAMV	BZ	569	318	EPn		329	42.84	-0.1							0.8
THKV	BZ	663	314	EPn		329	54.62	0.1							0.7



**May 8 2007 Hour: 5:44 6.8 Lat: 27.83N Lon: 55.56E 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  
 BNDS BZ 76 128 EPg 544 20.01 -0.1 1.0  
 GHIR BZ 259 282 EPn 544 46.61 -0.1 1.0  
 GHIR BN 259 282 AML 545 22.48 129 0.4  
 GHIR BE 259 282 AML 545 24.99 104 0.4  
 KRBR BZ 266 26 EPn 544 48.04 0.3 1.0  
 KRBR BN 266 26 ESg 545 21.94 -0.1 1.0  
 KRBR BN 266 26 AML 545 28.88 58 0.6

**May 8 2007 Hour: 14:22 49.9 Lat: 32.63N Lon: 56.16E Depth: 14 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  
 KRBR BZ 299 169 EPn 1423 34.96 0.0 1.0  
 KRBR BN 299 169 ESg 1424 14.05 -0.1 1.0  
 KRBR BN 299 169 AML 1424 20.42 917 0.6  
 NASN BZ 314 274 EPn 1423 36.99 0.1 1.0  
 NASN BN 314 274 ESg 1424 18.45 0.0 1.0  
 NASN BN 314 274 AML 1424 21.91 318 0.4  
 GHVR BZ 500 296 EPn 1423 59.66 -0.1 0.8  
 GHVR BE 500 296 AML 1425 26.20 91 0.6  
 GHVR BN 500 296 AML 1425 38.20 96 0.5  
 DAMV BZ 510 312 EPn 1424 0.89 -0.2 0.8  
 ZHSF BZ 553 126 EPn 1424 6.42 0.0 0.8  
 GHIR BZ 569 213 EPn 1424 8.39 0.1 0.8  
 ASAO BZ 608 292 EPn 1424 13.47 0.2 0.8

**May 8 2007 Hour: 23:45 31.8 Lat: 27.08N Lon: 54.63E Depth: 45 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  
 BNDS BZ 156 77 EPg 2345 57.84 0.0 1.0  
 BNDS BN 156 77 ESg 2346 16.89 0.0 1.0  
 BNDS BN 156 77 AML 2346 21.53 179 0.3  
 GHIR BZ 210 310 EPg 2346 6.01 0.0 1.0  
 GHIR BN 210 310 ESg 2346 30.93 0.0 1.0  
 GHIR BN 210 310 AML 2346 37.60 89 0.4  
 GHIR BE 210 310 AML 2346 39.11 115 0.4  
 KRBR BZ 383 32 EPn 2346 24.50 0.0 0.9  
 KRBR BN 383 32 AML 2347 2.52 17 0.2

**May 9 2007 Hour: 4:32 50.8 Lat: 38.58N Lon: 45.46E Depth: 16 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.3 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MAKU BZ 110 322 EPg 433 9.42 0.0 1.0  
 MAKU BE 110 322 AML 433 34.12 1033 0.5  
 MAKU BN 110 322 AML 433 35.63 1082 0.4  
 GRMI BZ 213 82 EPn 433 24.64 -0.1 1.0  
 GRMI BN 213 82 ESg 433 51.27 0.0 1.0  
 GRMI BE 213 82 AML 433 52.63 902 0.5  
 SNGE BZ 422 156 EPn 433 50.40 -0.4 0.9  
 THKV BZ 564 120 EPn 434 8.81 0.4 0.8  
 THKV BE 564 120 AML 435 34.09 53 0.6  
 THKV BN 564 120 AML 435 36.27 57 0.6  
 ASAO BZ 605 136 EPn 434 14.03 0.4 0.7

**May 9 2007 Hour: 9: 8 1.4 Lat: 27.32N Lon: 57.72E Depth: 31 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.1 secs**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 BNDS BZ 154 274 EPg 9 8 26.70 0.1 1.0  
 BNDS BN 154 274 AML 9 8 54.87 860 0.5  
 KRBR BZ 310 343 EPn 9 8 46.40 0.2 1.0  
 KRBR BN 310 343 ESg 9 9 26.60 -0.1 1.0

KRBR	BN	310	343	AML	9	9	31.19			319	0.5					
ZHSF	BZ	392	49	EPn	9	8	56.30	-0.1								0.9
ZHSF	BE	392	49	AML	9	9	47.52			88	0.7					
GHIR	BZ	479	284	EPn	9	9	6.80	-0.2								0.8
GHIR	BN	479	284	AML	9	10	24.29			47	0.6					
GHIR	BE	479	284	AML	9	10	46.70			55	0.5					
NASN	BZ	770	323	EPn	9	9	43.65	0.2								0.6

**May 9 2007 Hour: 10:46 36.7 Lat: 29.20N Lon: 58.38E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	179	299	EPg		1047	6.30	-0.2							1.0
KRBR	BN	179	299	AML		1047	30.53			890	0.3				
ZHSF	BZ	237	78	EPg		1047	15.46	-0.1							1.0
ZHSF	BE	237	78	AML		1047	48.30			300	0.4				
ZHSF	BN	237	78	AML		1047	49.95			337	0.5				
BNDS	BZ	294	228	EPn		1047	21.32	0.2							1.0
BNDS	BN	294	228	ESg		1047	59.34	-0.3							1.0
BNDS	BN	294	228	AML		1048	2.75			218	0.3				
GHIR	BZ	536	260	EPn		1047	51.74	0.6							0.8
GHIR	BN	536	260	AML		1048	55.58			57	0.5				
GHIR	BE	536	260	AML		1048	55.97			61	0.4				

**May 9 2007 Hour: 11:27 29.1 Lat: 35.81N Lon: 49.02E Depth: 14F Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	168	146	EPg		1127	56.52	-0.5							1.0
ASAO	BE	168	146	ESg		1128	17.49	0.1							1.0
ASAO	BE	168	146	AML		1128	21.24			140	0.5				
ASAO	BN	168	146	AML		1128	25.83			112	0.7				
THKV	BZ	169	86	EPg		1127	56.88	-0.2							1.0
THKV	BE	169	86	AML		1128	29.28			169	0.7				
THKV	BN	169	86	AML		1128	33.49			151	0.4				
SNGE	BZ	171	243	EPg		1127	57.57	0.0							1.0
CHTH	BZ	191	86	EPg		1127	59.98	-0.7							1.0
GHVR	BZ	251	125	EPg		1128	10.44	0.3							1.0
DAMV	BZ	268	93	EPn		1128	11.40	1.0							1.0
DAMV	BN	268	93	ESg		1128	45.04	0.1							1.0
DAMV	BN	268	93	AML		1128	49.41			96	0.4				
DAMV	BE	268	93	AML		1128	58.69			127	0.7				

**May 11 2007 Hour: 5:50 27.9 Lat: 34.35N Lon: 53.78E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.2ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BZ	194	208	EPg		550	59.98	-0.1							1.0
NASN	BE	194	208	AML		551	27.90			2336	0.1				
NASN	BN	194	208	AML		551	28.72			1924	0.3				
DAMV	BZ	218	311	EPg		551	2.55	-1.2							1.0
DAMV	BN	218	311	ESg		551	30.44	0.5							1.0
DAMV	BE	218	311	AML		551	39.51			2226					
DAMV	BN	218	311	AML		551	39.59			1664	0.7				
GHVR	BZ	234	274	EPg		551	5.63	-0.5							1.0
GHVR	BN	234	274	AML		551	47.46			2279	0.2				
GHVR	BE	234	274	AML		551	48.57			2912	1.0				
CHTH	BZ	298	306	EPn		551	12.85	0.1							1.0
THKV	BZ	317	304	EPn		551	15.51	0.4							1.0
THKV	BN	317	304	AML		552	7.74			1298	0.4				
THKV	BE	317	304	AML		552	8.36			1214	0.7				
ASAO	BZ	346	275	EPn		551	19.77	1.0							0.9
ASAO	BN	346	275	AML		552	17.77			494	0.6				
ASAO	BE	346	275	AML		552	19.28			397	0.5				
MRVT	BZ	422	29	EPn		551	28.09	0.1							0.9
SHGR	BZ	527	243	EPn		551	41.07	0.1							0.8

**May 11 2007 Hour: 11: 5 51.7 Lat: 34.42N Lon: 49.68E Depth: 15 Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	35	65	EPg		11	5	57.78							1.0
ASAO	BN	35	65	AML		11	6	5.39		720	0.4				
ASAO	BE	35	65	AML		11	6	5.65		838	0.4				
GHVR	BZ	144	87	EPg		11	6	15.75							1.0
GHVR	BE	144	87	ESg		11	6	33.17							1.0
THKV	BZ	199	33	EPg		11	6	24.72							1.0
THKV	BE	199	33	AML		11	6	51.85		77	0.3				
THKV	BN	199	33	AML		11	6	54.28		48	0.3				
CHTH	BZ	211	38	EPg		11	6	26.32							1.0
SNGE	BZ	227	290	EPg		11	6	28.88							1.0
DAMV	BZ	248	57	EPn		11	6	30.65							1.0
DAMV	BN	248	57	AML		11	7	10.29		25	0.4				
DAMV	BE	248	57	AML		11	7	13.16		27	0.6				

**May 11 2007 Hour: 14:50 7.8 Lat: 36.99N Lon: 49.31E Depth: 14 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
THKV	BZ	185	130	EPg		1450	38.66	0.3							1.0
THKV	BE	185	130	ESg		1451	0.41	-0.2							1.0
THKV	BN	185	130	AML		1451	1.90			2680	0.5				
THKV	BE	185	130	AML		1451	5.43			3574	0.5				
CHTH	BZ	203	126	EPg		1450	41.30	0.1							1.0
GRMI	BZ	237	329	EPg		1450	46.36	-0.2							1.0
GRMI	BN	237	329	AML		1451	16.03			637	0.3				
GRMI	BE	237	329	AML		1451	19.87			817	0.3				
ASAO	BZ	279	166	EPn		1450	50.52	0.2							1.0
ASAO	BE	279	166	ESg		1451	26.39	-0.2							1.0
DAMV	BZ	283	122	EPg		1450	53.81	-0.2							1.0
DAMV	BE	283	122	AML		1451	30.06			574	0.6				
DAMV	BN	283	122	AML		1451	30.83			968	0.5				
GHVR	BZ	329	147	EPn		1450	56.56	0.1							0.9
NASN	BZ	565	144	EPn		1451	26.03	0.1							0.8

**May 11 2007 Hour: 20: 1 23.8 Lat: 40.28N Lon: 51.75E Depth: 15 Agency: INS Local**  
**Magnitudes: 4.3ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	369	245	EPn		20	2	17.18							1.0
GRMI	BN	369	245	AML		20	2	59.70		506	0.2				
MRVT	BZ	475	126	EPn		20	2	30.41							0.9
MRVT	BE	475	126	AML		20	3	20.27		168	0.3				
CHTH	BZ	488	187	EPn		20	2	32.07							0.9
THKV	BZ	490	189	EPn		20	2	32.59							0.9
THKV	BN	490	189	AML		20	3	27.50		414	0.5				
THKV	BE	490	189	AML		20	3	28.49		290	0.3				
DAMV	BZ	516	178	EPn		20	2	35.92							0.9
DAMV	BN	516	178	AML		20	3	32.93		367	0.8				
DAMV	BE	516	178	AML		20	3	34.66		236	0.4				
MAKU	BZ	614	263	EPn		20	2	47.98							0.8
ASAO	BZ	654	194	EPn		20	2	52.86							0.8

**May 11 2007 Hour: 20:42 25.9 Lat: 40.28N Lon: 51.76E Depth: 15 Agency: INS Local**  
**Magnitudes: 4.5ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	371	245	EPn		2043	19.35	-0.3							1.0
GRMI	BE	371	245	AML		2044	0.94			733	0.2				
GRMI	BN	371	245	AML		2044	1.86			1236	0.2				
MRVT	BZ	475	126	EPn		2043	32.56	0.0							0.9
MRVT	BE	475	126	AML		2044	22.98			407	0.4				
CHTH	BZ	489	187	EPn		2043	34.25	-0.2							0.9
CHTH	BN	489	187	AML		2044	29.58			282	0.3				

THKV	BZ	491	189	EPn		2043	34.87	0.2									0.9
THKV	BN	491	189	AML		2044	29.30			1015	0.6						
THKV	BE	491	189	AML		2044	30.60			624	0.3						
DAMV	BZ	517	178	EPn		2043	38.02	0.1									0.9
DAMV	BN	517	178	AML		2044	35.01			747	0.5						
DAMV	BE	517	178	AML		2044	36.74			522	0.4						
MAKU	BZ	615	263	EPn		2043	50.26	0.3									0.8
GHVR	BZ	646	184	EPn		2043	54.04	0.3									0.8
ASAO	BZ	655	194	EPn		2043	55.42	0.4									0.8
NASN	BZ	836	173	EPn		2044	16.75	-0.9									0.6

**May 11 2007 Hour: 23:38 28.1 Lat: 30.34N Lon: 50.66E 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
SHGR	BZ	264	318	EPn		2339	8.75	0.3							1.0
SHGR	BE	264	318	AML		2340	0.58			119	0.6				
GHIR	BZ	321	135	EPn		2339	15.56	0.0							1.0
GHIR	BE	321	135	AML		2340	17.67			31	1.0				
GHIR	BN	321	135	AML		2340	21.05			35	0.6				
NASN	BZ	341	36	EPn		2339	18.24	-0.1							0.9
GHVR	BZ	463	7	EPn		2339	33.21	0.0							0.9
ASAO	BZ	471	353	EPn		2339	34.78	0.4							0.8
KRBR	BZ	589	92	EPn		2339	49.17	0.1							0.8
SNGE	BZ	612	330	EPn		2339	50.84	-1.0							0.7

**May 12 2007 Hour: 8:17 27.5 Lat: 27.08N Lon: 54.63E Depth: 46 Agency: INS Local**  
**Magnitudes: 3.5ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	156	77	EPg		817	53.50	-0.1							1.0
BNDS	BN	156	77	AML		818	14.90			837	0.4				
GHIR	BZ	210	310	EPg		818	1.64	-0.1							1.0
GHIR	BN	210	310	ESg		818	26.87	0.2							1.0
GHIR	BE	210	310	AML		818	35.11			540	0.5				
GHIR	BN	210	310	AML		818	35.89			463	0.4				
KRBR	BZ	383	32	EPn		818	20.17	0.0							0.9
KRBR	BN	383	32	AML		819	18.74			74	0.7				
NASN	BZ	658	345	EPn		818	53.72	-0.6							0.7
ZHSF	BZ	664	64	EPn		818	55.54	0.6							0.7

**May 14 2007 Hour: 8:54 20.7 Lat: 31.59N Lon: 48.95E 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
SHGR	BZ	60	346	EPg		854	31.14	-0.1							1.0
SHGR	BN	60	346	ESg		854	38.79	-0.1							1.0
SHGR	BE	60	346	AML		854	47.19			499	0.6				
SHGR	BN	60	346	AML		854	52.70			627	0.6				
ASAO	BZ	343	17	EPn		855	11.58	0.3							0.9
ASAO	BN	343	17	ESg		855	57.15	0.0							0.9
ASAO	BE	343	17	AML		856	1.36			18	0.7				
ASAO	BN	343	17	AML		856	1.70			24	0.6				
NASN	BZ	387	69	EPn		855	16.61	-0.2							0.9
NASN	BE	387	69	AML		855	59.16			12	0.3				

**May 16 2007 Hour: 0:19 11.1 Lat: 28.22N Lon: 56.07E 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
KRBR	BZ	207	19	EPg		019	45.13	0.0							1.0
KRBR	BN	207	19	AML		020	20.01			2154	0.6				
GHIR	BZ	302	272	EPn		019	56.24	0.0							1.0
GHIR	BE	302	272	AML		020	51.23			686	0.7				
GHIR	BN	302	272	AML		020	58.18			782	0.8				
ZHSF	BZ	484	70	EPn		020	18.85	0.0							0.8
NASN	BZ	596	329	EPn		020	33.01	0.1							0.7
ASAO	BZ	907	322	EPn		021	10.93	-0.5							0.5

DAMV BZ 908 336 EPn 021 11.90 0.3 0.5

**May 16 2007 Hour: 0:27 35.0 Lat: 28.24N Lon: 56.08E Depth: 15 Agency: INS Local**  
**Magnitudes: 4.2ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	204	19	EPg		028	8.63	0.0							1.0
KRBR	BN	204	19	AML		028	45.36			2259	0.6				
GHIR	BZ	303	272	EPn		028	20.36	0.0							1.0
GHIR	BE	303	272	AML		029	14.95			840	0.6				
ZHSF	BZ	482	71	EPn		028	42.60	0.0							0.8
NASN	BZ	595	329	EPn		028	56.58	-0.1							0.7
ASAO	BZ	905	322	EPn		029	34.94	-0.3							0.5
CHTH	BZ	970	332	EPn		029	43.86	0.6							0.5

**May 16 2007 Hour: 1:52 14.7 Lat: 28.20N Lon: 56.03E 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
KRBR	BZ	210	20	EPg		152	49.23	-0.1							1.0
KRBR	BN	210	20	AML		153	26.60			283	0.4				
GHIR	BZ	299	273	EPn		152	59.59	-0.1							1.0
GHIR	BN	299	273	AML		153	55.30			166	0.6				
GHIR	BE	299	273	AML		153	59.25			160	0.5				
ZHSF	BZ	488	70	EPn		153	23.29	0.1							0.8
NASN	BZ	596	330	EPn		153	37.18	0.4							0.7
ASAO	BZ	906	322	EPn		154	15.06	-0.2							0.5

**May 17 2007 Hour: 9:16 25.7 Lat: 31.69N Lon: 50.97E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.0ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	210	283	EPg		916	59.72	-0.3							1.0
SHGR	BN	210	283	ESg		917	24.87	-0.3							1.0
SHGR	BN	210	283	AML		917	36.92			1497	0.8				
NASN	BZ	213	54	EPg		916	59.90	-0.9							1.0
NASN	BE	213	54	ESg		917	26.07	-0.4							1.0
GHVR	BZ	311	5	EPn		917	13.48	1.4							1.0
GHVR	BN	311	5	ESg		917	53.43	0.4							1.0
GHVR	BN	311	5	AML		917	58.92			477	0.6				
ASAO	BZ	329	345	EPn		917	14.44	0.0							0.9
ASAO	BN	329	345	AML		918	6.18			513	0.7				
ASAO	BE	329	345	AML		918	9.77			500	0.7				
GHIR	BZ	424	152	EPn		917	26.82	0.7							0.9
DAMV	BZ	447	12	EPn		917	28.86	-0.3							0.9
CHTH	BZ	469	2	EPn		917	32.25	0.5							0.8
SNGE	BZ	506	319	EPn		917	35.82	-0.6							0.8

**May 17 2007 Hour: 21: 2 48.2 Lat: 31.23N Lon: 49.66E 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	127	320	EPg		21 3	9.34	0.0							1.0
SHGR	BN	127	320	AML		21 3	27.97			805	0.3				
SHGR	BE	127	320	AML		21 3	29.92			479	0.4				
NASN	BZ	345	59	EPn		21 3	38.96	0.0							0.9
ASAO	BZ	369	5	EPn		21 3	41.97	0.0							0.9
ASAO	BN	369	5	ESg		21 4	31.76	0.0							0.9
ASAO	BN	369	5	AML		21 4	48.42			60	0.6				
GHVR	BZ	390	22	EPn		21 3	44.49	0.2							0.9
GHIR	BZ	459	135	EPn		21 3	52.91	0.0							0.8

May 18 2007 Hour: 9:29 59.8 Lat: 36.88N Lon: 54.33E 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
MRVT	BZ	178	61	EPg		930	29.23	0.0							1.0
MRVT	BN	178	61	ESg		930	50.74	0.0							1.0
MRVT	BE	178	61	AML		930	52.92			252	0.3				
MRVT	BN	178	61	AML		930	53.38			259	0.2				
DAMV	BZ	253	237	EPn		930	39.08	-0.1							1.0
DAMV	BN	253	237	ESg		931	11.34	-0.2							1.0
DAMV	BN	253	237	AML		931	15.50			67	0.8				
CHTH	BZ	307	250	EPn		930	45.76	-0.1							1.0
THKV	BZ	327	252	EPn		930	48.32	0.0							0.9
THKV	BE	327	252	AML		931	38.91			63	0.4				
THKV	BN	327	252	AML		931	39.44			54	0.5				
GHVR	BZ	386	227	EPn		930	55.47	0.0							0.9
ASAO	BZ	467	238	EPn		931	6.41	0.6							0.8

May 18 2007 Hour: 16:31 43.2 Lat: 31.81N Lon: 50.24E 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
SHGR	BZ	140	284	EPg		1632	6.41	-0.1							1.0
SHGR	BE	140	284	ESg		1632	23.44	0.0							1.0
SHGR	BN	140	284	AML		1632	26.97			274	0.5				
SHGR	BE	140	284	AML		1632	33.81			356	0.6				
NASN	BZ	266	65	EPn		1632	24.30	0.1							1.0
NASN	BN	266	65	ESg		1632	58.38	-0.1							1.0
GHVR	BZ	310	17	EPn		1632	29.59	0.1							1.0
GHVR	BN	310	17	AML		1633	12.51			76	0.9				
DAMV	BZ	453	20	EPn		1632	47.35	-0.1							0.8
DAMV	BN	453	20	AML		1633	57.66			22	0.8				
DAMV	BE	453	20	AML		1633	57.99			23	0.7				
THKV	BZ	459	7	EPn		1632	48.17	0.1							0.8

May 18 2007 Hour: 18:48 13.2 Lat: 31.77N Lon: 56.10E 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
KRBR	BZ	208	162	EPg		1848	47.51	-0.1							1.0
KRBR	BN	208	162	ESg		1849	12.71	0.1							1.0
KRBR	BN	208	162	AML		1849	22.14			435	0.5				
NASN	BZ	331	291	EPn		1849	2.56	0.3							0.9
NASN	BE	331	291	ESg		1849	46.15	-0.2							0.9
GHIR	BZ	490	219	EPn		1849	21.87	0.0							0.8
ZHSF	BZ	508	117	EPn		1849	23.97	-0.2							0.8
ZHSF	BN	508	117	AML		1850	44.85			8	0.7				

May 18 2007 Hour: 23: 3 34.1 Lat: 27.70N Lon: 53.17E Depth: 31 Agency: INS Local  
 Magnitudes: 4.7ML INS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	68	345	EPg		23 3	46.35	0.0							1.0
GHIR	BN	68	345	ESg		23 3	55.29	0.0							1.0
GHIR	BE	68	345	AML		23 3	57.95			37519	0.4				
GHIR	BN	68	345	AML		23 4	2.81			43807	0.4				
KRBR	BZ	433	53	EPn		23 4	33.96	-0.3							0.9
KRBR	BN	433	53	ESg		23 5	32.12	0.0							0.9
KRBR	BN	433	53	AML		23 5	39.43			791	0.6				
NASN	BZ	567	357	EPn		23 4	51.10	0.2							0.8
SHGR	BZ	645	320	EPn		23 5	0.30	0.0							0.7
ZHSF	BZ	773	72	EPn		23 5	16.77	0.3							0.6
GHVR	BZ	774	347	EPn		23 5	16.73	0.3							0.6
ASAO	BZ	816	339	EPn		23 5	21.96	0.1							0.6
DAMV	BZ	887	353	EPn		23 5	30.32	-0.3							0.5
CHTH	BZ	931	349	EPn		23 5	35.89	-0.2							0.5

**May 18 2007 Hour: 23:22 28.9 Lat: 27.68N Lon: 53.15E Depth: 30 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
GHIR	BZ	69	347	EPg		2322	41.25	-0.1							1.0
GHIR	BE	69	347	ESg		2322	50.40	0.0							1.0
GHIR	BE	69	347	AML		2322	59.06			1418	0.4				
KRBR	BZ	435	53	EPn		2323	29.40	0.0							0.9
KRBR	BN	435	53	Sn		2324	13.63	0.0							0.9
KRBR	BN	435	53	AML		2324	40.19			33	0.7				
NASN	BZ	568	357	EPn		2323	46.13	0.2							0.8
NASN	BN	568	357	Sn		2324	42.15	-0.1							0.8

**May 18 2007 Hour: 23:24 54.1 Lat: 27.59N Lon: 53.14E Depth: 23 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
GHIR	BZ	79	349	EPg		2325	7.94	0.2							1.0
GHIR	BN	79	349	ESg		2325	17.60	-0.1							1.0
GHIR	BN	79	349	AML		2325	22.18			1514	0.3				
GHIR	BE	79	349	AML		2325	25.60			1824	0.5				
KRBR	BZ	442	52	EPn		2325	55.89	-0.2							0.9
KRBR	BN	442	52	Sn		2326	41.46	0.1							0.9
KRBR	BN	442	52	AML		2327	1.95			140	0.9				
NASN	BZ	579	357	EPn		2326	13.12	0.0							0.8
ZHSF	BZ	779	71	EPn		2326	37.83	-0.1							0.6

**May 18 2007 Hour: 23:47 9.5 Lat: 27.67N Lon: 53.18E Depth: 23 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	71	344	EPg		2347	22.07	0.1							1.0
GHIR	BN	71	344	ESg		2347	31.03	-0.1							1.0
GHIR	BN	71	344	AML		2347	37.44			4473	0.3				
GHIR	BE	71	344	AML		2347	39.93			4705	0.4				
KRBR	BZ	433	53	EPn		2348	10.25	-0.1							0.9
KRBR	BN	433	53	Sn		2348	54.88	0.1							0.9
KRBR	BN	433	53	AML		2349	21.63			96	0.6				
NASN	BZ	570	356	EPn		2348	27.37	0.0							0.8
NASN	BE	570	356	Sn		2349	24.23	0.0							0.8

**May 19 2007 Hour: 23:20 55.1 Lat: 28.12N Lon: 55.87E Depth: 15 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
BNDS	BZ	85	160	EPg		2321	9.73	0.0							1.0
BNDS	BN	85	160	AML		2321	26.28			367	0.5				
KRBR	BZ	224	22	EPg		2321	31.88	0.0							1.0
KRBR	BN	224	22	AML		2322	5.19			41	0.6				
GHIR	BZ	284	274	EPn		2321	38.02	0.0							1.0

**May 19 2007 Hour: 23:28 53.7 Lat: 29.17N Lon: 51.09E Depth: 14 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
GHIR	BZ	210	117	EPn		2329	27.51	0.0							1.0
GHIR	BN	210	117	ESg		2329	53.24	0.0							1.0
GHIR	BE	210	117	AML		2330	1.63			227	0.7				
GHIR	BN	210	117	AML		2330	1.88			137	0.7				
NASN	BZ	435	22	EPN5		2329	55.70	0.0							0.9
NASN	BE	435	22	AML		2330	47.31			7	0.6				
ASAO	BZ	605	351	EPn		2330	16.72	0.0							0.7
ASAO	BE	605	351	AML		2331	25.44			6	1.1				

May 20 2007 Hour: 9:44 52.4 Lat: 40.65N Lon: 48.23E Depth: 15 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
GRMI	BZ	207	188	EPn		945	25.81	0.0							1.0
GRMI	BE	207	188	AML		945	56.56			95	0.3				
MAKU	BZ	335	246	EPn		945	41.84	0.0							0.9
MAKU	BE	335	246	AML		946	34.79			18	0.4				
CHTH	BZ	585	153	EPn		946	12.90	0.0							0.8
MRVT	BZ	756	114	EPn		946	33.98	0.0							0.6

May 20 2007 Hour: 15:14 52.4 Lat: 28.17N Lon: 57.56E Depth: 41 Agency: INS Local  
 Magnitudes: 3.2ML INS Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	162	238	EPg		1515	19.14	0.0							1.0
BNDS	BN	162	238	ESg		1515	38.65	0.0							1.0
BNDS	BN	162	238	AML		1515	41.30			457	0.5				
KRBR	BZ	215	339	EPg		1515	27.34	-0.1							1.0
KRBR	BN	215	339	ESg		1515	52.99	0.0							1.0
KRBR	BN	215	339	AML		1515	58.26			157	0.6				
ZHSF	BZ	352	62	EPn		1515	41.45	0.0							0.9
GHIR	BZ	449	273	EPn		1515	53.53	0.0							0.9

May 20 2007 Hour: 23:43 26.4 Lat: 27.45N Lon: 54.69E Depth: 16 Agency: INS Local  
 Magnitudes: 2.9ML INS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	146	92	EPg		2343	50.07	-0.8							1.0
BNDS	BN	146	92	ESg		2344	9.33	0.7							1.0
BNDS	BN	146	92	AML		2344	10.52			558	0.4				
GHIR	BZ	192	299	EPg		2343	58.27	0.2							1.0
GHIR	BN	192	299	Sn		2344	21.00	0.2							1.0
GHIR	BE	192	299	AML		2344	31.57			89	0.4				
GHIR	BN	192	299	AML		2344	32.39			86	0.4				
KRBR	BZ	346	35	EPn		2344	16.87	-0.3							0.9

May 22 2007 Hour: 11:53 11.0 Lat: 35.69N Lon: 49.46E Depth: 21 Agency: INS Local  
 Magnitudes: 3.6ML INS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASAO	BZ	137	158	EPg		1153	33.54	-0.1							1.0
CHTH	BZ	153	81	EPg		1153	36.13	0.0							1.0
GHVR	BZ	211	129	EPg		1153	45.36	0.4							1.0
DAMV	BZ	228	91	EPg		1153	47.36	-0.3							1.0
GRMI	BZ	373	339	EPn		1154	4.44	0.1							0.9
GRMI	BN	373	339	AML		1154	59.99			120	0.7				
GRMI	BE	373	339	AML		1155	0.70			163	0.6				
SHGR	BZ	402	189	EPN5		1154	7.77	-0.1							0.9
SHGR	BE	402	189	AML		1155	14.00			130	0.7				
SHGR	BN	402	189	AML		1155	27.51			108	0.6				

May 22 2007 Hour: 21:17 50.5 Lat: 30.89N Lon: 56.67E Depth: 16 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
KRBR	BZ	101	175	EPg		2118	7.97	0.1							1.0
KRBR	BN	101	175	AML		2118	32.11			406	0.4				
BNDS	BZ	390	187	EPN5		2118	46.53	-0.1							0.9
ZHSF	BZ	420	109	EPn		2118	50.22	0.0							0.9
ZHSF	BE	420	109	AML		2119	54.01			29	0.7				
NASN	BZ	422	301	EPn		2118	50.88	0.1							0.9
NASN	BE	422	301	ESg		2119	48.68	-0.1							0.9
NASN	BE	422	301	AML		2119	59.56			28	0.6				
NASN	BN	422	301	AML		2120	2.56			32	0.6				



**May 22 2007 Hour: 22:33 4.1 Lat: 27.62N Lon: 56.44E Depth: 6 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	36	228	EPg		2233	10.79	0.0							1.0
BNDS	BN	36	228	AML		2233	29.04		12657	0.4					
KRBR	BZ	263	7	EPn		2233	45.66	0.0							1.0
KRBR	BN	263	7	AML		2234	25.75		882	0.6					
GHIR	BZ	348	283	EPn		2233	55.97	0.0							0.9
GHIR	BN	348	283	AML		2235	9.63		180	0.4					
GHIR	BE	348	283	AML		2235	15.93		236	0.6					
ZHSF	BZ	478	61	EPn		2234	12.11	0.0							0.8
ZHSF	BE	478	61	AML		2235	28.85		25	0.7					
ZHSF	BN	478	61	AML		2235	32.57		19	0.7					
NASN	BZ	672	330	EPn		2234	36.44	0.0							0.7
ASAO	BZ	982	323	EPn		2235	14.86	0.0							0.5

**May 23 2007 Hour: 1:39 37.4 Lat: 36.45N Lon: 51.77E 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
CHTH	BZ	83	224	EPg		139	51.69	-0.2							1.0
CHTH	BN	83	224	ESg		140	2.53	0.0							1.0
DAMV	BZ	93	169	EPg		139	53.33	-0.1							1.0
DAMV	BE	93	169	AML		140	9.52		291	0.6					
THKV	BZ	100	234	EPg		139	54.49	0.0							1.0
THKV	BN	100	234	AML		140	10.65		288	0.5					
THKV	BE	100	234	AML		140	11.37		197	0.8					
GHVR	BZ	223	192	EPg		140	14.13	0.1							1.0
GHVR	BN	223	192	AML		140	51.22		36	0.7					
GHVR	BE	223	192	AML		140	51.31		40	0.7					
ASAO	BZ	264	217	EPn		140	18.26	0.2							1.0
ASAO	BE	264	217	AML		140	54.69		21	0.5					

**May 24 2007 Hour: 0:50 42.3 Lat: 27.23N Lon: 55.96E Depth: 39 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
BNDS	BZ	28	48	EPg		050	50.39	0.0							1.0
BNDS	BN	28	48	ESg		050	56.27	0.0							1.0
BNDS	BN	28	48	AML		051	7.23		1025	0.5					
KRBR	BZ	315	14	EPn		051	26.97	0.0							1.0
GHIR	BZ	316	292	EPn		051	26.90	0.0							1.0
GHIR	BN	316	292	ESg		052	9.08	0.0							1.0
GHIR	BE	316	292	AML		052	16.76		33	0.6					
GHIR	BN	316	292	AML		052	18.23		34	0.6					

**May 24 2007 Hour: 16:51 52.8 Lat: 30.64N Lon: 48.79E 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	163	0	EPg		1652	19.86	0.1							1.0
SHGR	BN	163	0	ESg		1652	39.45	0.0							1.0
SHGR	BN	163	0	AML		1652	45.56		346	0.4					
SHGR	BE	163	0	AML		1652	45.88		295	0.6					
ASAO	BZ	449	15	EPn		1652	56.40	0.2							0.9
ASAO	BE	449	15	AML		1653	49.34		10	0.8					
NASN	BZ	450	57	EPn		1652	56.24	-0.1							0.9
SNGE	BZ	512	345	EPn		1653	3.82	-0.2							0.8

**May 24 2007 Hour: 20:16 29.3 Lat: 30.68N Lon: 50.40E Depth: 15F Agency: INS Local**  
**Magnitudes: 2.8ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	219	317	EPg		2017	4.87	-0.3							1.0
SHGR	BN	219	317	AML		2017	34.97		131	0.8					
SHGR	BE	219	317	AML		2017	38.94		112	0.7					
NASN	BZ	328	44	EPn		2017	17.43	-0.5							0.9

GHIR	BZ	366	136	EPn		2017	22.56	0.1									0.9
GHIR	BN	366	136	AML		2018	6.93			18	0.5						
GHVR	BZ	429	10	EPn		2017	30.89	0.7									0.9
ASAO	BZ	430	355	EPn		2017	31.13	0.5									0.9
ASAO	BN	430	355	AML		2018	17.29			11	0.6						
ASAO	BE	430	355	AML		2018	17.36			12	0.6						
DAMV	BZ	568	15	EPn		2017	47.34	-0.4									0.8

**May 24 2007 Hour: 21:51 37.9 Lat: 28.02N Lon: 52.36E Depth: 18 Agency: INS Local**  
**Magnitudes: 4.4ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	68	64	EPg		2151	50.35	0.4							1.0
GHIR	BN	68	64	ESg		2151	58.52	-0.3							1.0
GHIR	BN	68	64	AML		2152	4.37			18399	0.5				
GHIR	BE	68	64	AML		2152	8.90			18756	0.5				
NASN	BZ	532	5	EPn		2152	51.59	0.0							0.8
NASN	BE	532	5	Sn		2153	45.24	-0.1							0.8
NASN	BE	532	5	ESg		2154	6.51	0.3							0.8
GHVR	BZ	724	352	EPn		2153	15.29	0.0							0.6
ASAO	BZ	757	344	EPn		2153	19.36	-0.2							0.6
DAMV	BZ	845	358	EPn		2153	30.11	-0.3							0.6
SNGE	BZ	917	330	EPn		2153	39.31	-0.1							0.5

**May 26 2007 Hour: 7:59 59.1 Lat: 36.05N Lon: 53.57E Depth: 14 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
DAMV	BZ	151	253	EPg		8 0	23.86	-0.5							1.0
DAMV	BE	151	253	AML		8 0	51.31			119	0.3				
DAMV	BN	151	253	AML		8 0	53.24			104	0.4				
CHTH	BZ	221	267	EPg		8 0	35.21	-0.2							1.0
GHVR	BZ	273	231	EPn		8 0	41.31	0.5							1.0
GHVR	BE	273	231	AML		8 1	25.12			49	0.4				
GHVR	BN	273	231	AML		8 1	28.29			52	0.5				
MRVT	BZ	288	51	EPn		8 0	42.29	-0.2							1.0
MRVT	BE	288	51	AML		8 1	21.47			21	0.6				
ASAO	BZ	362	244	EPn		8 0	52.57	0.6							0.9
NASN	BZ	367	191	EPn		8 0	52.81	0.2							0.9
NASN	BE	367	191	ESg		8 1	41.77	-0.3							0.9

**May 26 2007 Hour: 9: 8 25.7 Lat: 39.15N Lon: 44.56E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MAKU	BZ	25	25	EPg		9 8	30.93	0.0							1.0
MAKU	BN	25	25	AML		9 8	37.99			5014	0.1				
GRMI	BZ	291	96	EPn		9 9	9.74	0.0							1.0
GRMI	BN	291	96	ESg		9 9	47.73	0.0							1.0
GRMI	BN	291	96	AML		9 9	52.80			176	0.5				
GRMI	BE	291	96	AML		9 9	58.57			223	0.5				
SNGE	BZ	514	150	EPn		9 9	37.42	0.0							0.8

**May 26 2007 Hour: 22:54 32.6 Lat: 40.30N Lon: 51.75E Depth: 15 Agency: INS Local**  
**Magnitudes: 4.8ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	370	245	EPn		2255	26.14	-0.1							1.0
GRMI	BE	370	245	AML		2256	7.88			2984	0.2				
GRMI	BN	370	245	AML		2256	8.97			4726	0.3				
MRVT	BZ	477	126	EPn		2255	39.50	0.0							0.9
MRVT	BE	477	126	AML		2256	30.25			244	0.2				
CHTH	BZ	490	187	EPn		2255	41.20	-0.1							0.9
CHTH	BN	490	187	AML		2256	36.93			785	0.5				
THKV	BZ	492	189	EPn		2255	41.58	0.1							0.9
THKV	BN	492	189	AML		2256	35.82			2068	0.5				
DAMV	BZ	518	178	EPn		2255	44.98	0.2							0.9
DAMV	BE	518	178	AML		2256	40.07			1491	0.5				

DAMV	BN	518	178	AML	2256	42.14			2250	0.8							
MAKU	BZ	613	262	EPn	2255	56.69	0.1										0.8
MAKU	BN	613	262	AML	2257	17.65			96	0.5							
GHVR	BZ	647	184	EPn	2256	0.88	0.3										0.8
GHVR	BE	647	184	AML	2257	25.17			201	0.7							
ASAO	BZ	656	194	EPn	2256	2.07	0.2										0.8
NASN	BZ	837	173	EPn	2256	23.68	-0.8										0.6

**May 27 2007 Hour: 4:39 29.4 Lat: 36.64N Lon: 54.18E 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
MRVT	BZ	204	56	EPg		440	2.70	-0.2							1.0
MRVT	BN	204	56	ESg		440	27.60	0.2							1.0
MRVT	BN	204	56	AML		440	29.49			66	0.3				
MRVT	BE	204	56	AML		440	31.28			101	0.4				
DAMV	BZ	228	241	EPn		440	5.37	-0.2							1.0
DAMV	BE	228	241	ESg		440	34.31	0.1							1.0
DAMV	BE	228	241	AML		440	36.26			47	0.4				
DAMV	BN	228	241	AML		440	40.98			39	0.4				
CHTH	BZ	286	254	EPn		440	12.93	0.2							1.0
CHTH	BN	286	254	ESg		440	49.95	-0.1							1.0

**May 27 2007 Hour: 8: 8 22.9 Lat: 27.08N Lon: 54.65E Depth: 46 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
BNDS	BZ	155	76	EPg		8 8	48.68	-0.1							1.0
BNDS	BN	155	76	ESg		8 9	7.73	0.1							1.0
GHIR	BZ	211	310	EPg		8 8	57.35	0.1							1.0
GHIR	BN	211	310	ESg		8 9	22.28	0.0							1.0
GHIR	BN	211	310	AML		8 9	28.78			101	0.5				
GHIR	BE	211	310	AML		8 9	30.42			111	0.3				
KRBR	BZ	382	32	EPn		8 9	15.41	0.0							0.9
KRBR	BN	382	32	AML		810	7.49			24	0.4				

**May 27 2007 Hour: 20:44 17.1 Lat: 30.02N Lon: 57.49E 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
KRBR	BZ	71	266	EPg		2044	29.55	-0.1							1.0
KRBR	BN	71	266	ESg		2044	38.78	0.0							1.0
KRBR	BN	71	266	AML		2044	40.57			2183	0.2				
ZHSF	BZ	321	97	EPn		2045	4.71	0.1							0.9
ZHSF	BE	321	97	Sn		2045	39.13	-0.1							0.9
ZHSF	BN	321	97	AML		2045	51.62			91	0.5				
ZHSF	BE	321	97	AML		2045	56.88			103	0.6				
GHIR	BZ	479	247	EPn		2045	24.22	0.0							0.8
NASN	BZ	541	306	EPn		2045	32.16	0.0							0.8
NASN	BN	541	306	AML		2047	0.50			23	0.6				
NASN	BE	541	306	AML		2047	1.93			17	0.6				

**May 28 2007 Hour: 14:12 6.4 Lat: 30.32N Lon: 51.94E 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
GHIR	BZ	248	155	EPn		1412	44.87	0.0							1.0
GHIR	BE	248	155	AML		1413	30.84			909	0.4				
GHIR	BN	248	155	AML		1413	35.29			568	0.4				
NASN	BZ	287	17	EPn		1412	50.02	0.0							1.0
KRBR	BZ	466	93	EPn		1413	12.24	0.0							0.8
KRBR	BN	466	93	AML		1414	33.46			97	1.0				
ASAO	BZ	502	340	EPn		1413	16.73	0.1							0.8
ASAO	BE	502	340	AML		1414	52.66			55	0.7				
CHTH	BZ	624	353	EPn		1413	31.57	-0.2							0.7

**May 28 2007 Hour: 17:11 3.8 Lat: 27.10N Lon: 54.63E Depth: 44 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	157	78	EPg		1711	29.81	0.0							1.0
BNDS	BN	157	78	ESg		1711	48.84	0.0							1.0
GHIR	BZ	208	309	EPg		1711	37.67	0.0							1.0
GHIR	BN	208	309	ESg		1712	2.30	0.0							1.0
GHIR	BE	208	309	AML		1712	11.40			254	0.4				
GHIR	BN	208	309	AML		1712	12.17			252	0.4				
KRBR	BZ	381	33	EPn		1711	56.51	0.1							0.9
KRBR	BN	381	33	AML		1712	55.05			50	0.7				
NASN	BZ	655	345	EPn		1712	30.33	-0.2							0.7

**May 29 2007 Hour: 6:18 57.2 Lat: 29.31N Lon: 52.26E Depth: 45 Agency: INS Local**  
**Magnitudes: 4.0ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	133	148	EPg		619	19.79	0.0							1.0
GHIR	BE	133	148	AML		619	43.91			2928	0.5				
GHIR	BN	133	148	AML		619	50.91			2028	0.6				
NASN	BZ	391	8	EPn		619	50.51	-0.4							0.9
BNDS	BZ	437	118	EPn		619	56.15	-0.3							0.9
KRBR	BZ	442	79	EPn		619	57.73	0.5							0.9
KRBR	BN	442	79	AML		621	14.01			247	0.6				
GHVR	BZ	582	351	EPn		620	14.51	0.2							0.8
ASAO	BZ	619	341	EPn		620	19.39	0.3							0.7
ASAO	BN	619	341	AML		621	33.52			53	0.4				
DAMV	BZ	702	358	EPn		620	28.92	-0.6							0.7
CHTH	BZ	740	352	EPn		620	34.21	0.0							0.6
SNGE	BZ	792	325	EPn		620	40.95	0.4							0.6

**May 30 2007 Hour: 9:44 10.4 Lat: 35.79N Lon: 52.10E Depth: 12 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	21	213	EPg		944	15.23	0.2							1.0
DAMV	BE	21	213	ESg		944	18.43	0.1							1.0
DAMV	BN	21	213	AML		944	18.92			1701	0.1				
DAMV	BE	21	213	AML		944	19.07			2544	0.2				
CHTH	BZ	89	279	EPg		944	25.66	-0.5							1.0
THKV	BZ	111	277	EPg		944	30.02	0.2							1.0
THKV	BN	111	277	ESg		944	44.22	0.1							1.0
GHVR	BZ	165	208	EPg		944	38.75	-0.2							1.0
GHVR	BE	165	208	ESg		944	59.59	-0.1							1.0
GHVR	BE	165	208	AML		945	2.55			51	0.3				
GHVR	BN	165	208	AML		945	4.25			52	0.4				
ASAO	BZ	234	234	EPn		944	47.81	0.2							1.0

**May 30 2007 Hour: 10:50 20.1 Lat: 30.17N Lon: 50.78E Depth: 15 Agency: INS Local**  
**Magnitudes: 4.0ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	299	134	EPn		1051	5.37	0.4							1.0
GHIR	BE	299	134	AML		1052	7.36			373	0.6				
NASN	BZ	350	33	EPn		1051	10.90	-0.6							1.0
GHVR	BZ	480	5	EPn		1051	28.10	0.7							0.9
GHVR	BE	480	5	AML		1052	47.57			162	0.7				
GHVR	BN	480	5	AML		1052	50.21			152	0.7				
ASAO	BZ	491	352	EPn		1051	29.18	0.2							0.9
ASAO	BE	491	352	AML		1052	23.89			195	0.6				
BNDS	BZ	609	119	EPn		1051	42.98	-0.6							0.8
SNGE	BZ	634	330	EPn		1051	45.68	-1.0							0.7
CHTH	BZ	638	3	EPn		1051	47.20	0.0							0.7
THKV	BZ	638	1	EPn		1051	47.81	0.7							0.7

**May 30 2007 Hour: 11:23 30.9 Lat: 27.41N Lon: 52.73E Depth: 15 Agency: INS Local**  
**Magnitudes: 2.8ML INS Rms: 6.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	100	14	EPN5		1124	54.19								
GHIR	BE	100	14	AML		1125	55.06			66	0.4				
GHIR	BN	100	14	AML		1125	55.39			98	0.5				
NASN	BZ	598	1	EPN5		1124	59.24	6.2							1.0
ASAO	BZ	833	343	EPn		1125	16.84	-5.3							0.8
ASAO	BN	833	343	AML		1126	13.18			22	0.6				
SNGE	BZ	994	330	EPn		1125	33.53	-8.6							0.6

**May 30 2007 Hour: 11:26 45.2 Lat: 30.21N Lon: 50.96E 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
GHIR	BZ	291	137	EPn		1127	28.67	0.0							1.0
GHIR	BE	291	137	AML		1128	27.90			196	0.6				
GHIR	BN	291	137	AML		1128	28.43			199	0.6				
NASN	BZ	336	31	EPn		1127	34.36	-0.2							1.0
NASN	BN	336	31	Sn		1128	10.72	0.1							1.0
GHVR	BZ	474	3	EPn		1127	51.60	0.2							0.9
GHVR	BE	474	3	AML		1129	3.98			16	0.5				
ASAO	BZ	489	350	EPn		1127	53.55	0.1							0.8
ASAO	BN	489	350	Sn		1128	43.11	-0.1							0.8

**May 31 2007 Hour: 0:28 24.0 Lat: 36.12N Lon: 53.69E 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
DAMV	BZ	165	251	EPg		028	51.02	-0.4							1.0
DAMV	BE	165	251	ESg		029	11.49	0.1							1.0
DAMV	BN	165	251	AML		029	16.53			180	0.4				
DAMV	BE	165	251	AML		029	16.83			266	0.8				
CHTH	BZ	232	265	EPg		029	2.12	-0.1							1.0
THKV	BZ	254	266	EPg		029	5.87	0.2							1.0
THKV	BE	254	266	ESg		029	35.99	0.0							1.0
THKV	BE	254	266	AML		029	39.52			103	0.5				
THKV	BN	254	266	AML		029	45.16			119	0.5				
GHVR	BZ	287	231	EPn		029	7.65	0.2							1.0
GHVR	BE	287	231	AML		029	50.88			148	0.5				
GHVR	BN	287	231	AML		029	51.53			203	0.6				
ASAO	BZ	376	243	EPn		029	18.69	0.0							0.9
NASN	BZ	377	193	EPn		029	18.82	0.0							0.9

**May 31 2007 Hour: 10:28 37.3 Lat: 29.17N Lon: 51.29E Depth: 38 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	193	120	EPg		1029	8.09	-0.5							1.0
GHIR	BN	193	120	ESg		1029	31.93	0.4							1.0
GHIR	BE	193	120	AML		1029	40.86			1670	0.5				
SHGR	BZ	403	324	EPn		1029	33.20	0.5							0.9
NASN	BZ	427	19	EPn		1029	35.99	-0.1							0.9
NASN	BE	427	19	ESg		1030	33.94	0.0							0.9
BNDS	BZ	518	111	EPn		1029	47.01	-0.1							0.8
GHVR	BZ	588	360	EPn		1029	56.47	0.6							0.7
GHVR	BN	588	360	AML		1030	59.99			91	0.4				
ASAO	BZ	608	349	EPn		1029	58.91	0.5							0.7
ASAO	BE	608	349	AML		1031	9.10			72	0.6				
ASAO	BN	608	349	AML		1031	14.79			76	0.6				
DAMV	BZ	719	5	EPn		1030	11.65	-0.6							0.7
CHTH	BZ	747	359	EPn		1030	15.09	-0.6							0.6
SNGE	BZ	754	331	EPn		1030	16.04	-0.6							0.6

**June 1 2007 Hour: 14:45 1.5 Lat: 32.09N Lon: 49.82E 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
SHGR	BZ	97	271	EPg		1445	17.82	-0.1							1.0
SHGR	BN	97	271	ESg		1445	29.88	0.0							1.0
SHGR	BE	97	271	AML		1445	31.60			862	0.4				
SHGR	BN	97	271	AML		1445	34.65			1020	0.3				
ASAO	BZ	273	4	EPn		1445	43.43	0.1							1.0
ASAO	BE	273	4	ESg		1446	18.61	0.0							1.0
NASN	BZ	291	74	EPn		1445	45.56	-0.2							1.0
GHVR	BZ	296	26	EPn		1445	46.21	0.2							1.0
GHVR	BE	296	26	ESg		1446	24.66	-0.1							1.0
GHVR	BN	296	26	AML		1446	30.65			65	0.5				

**June 2 2007 Hour: 2:37 4.5 Lat: 32.66N Lon: 56.28E 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
KRBR	BZ	300	171	EPn		237	49.84	0.1							1.0
KRBR	BN	300	171	ESg		238	29.05	-0.1							1.0
KRBR	BN	300	171	AML		238	31.55			244	0.3				
NASN	BZ	326	274	EPn		237	53.03	0.0							1.0
NASN	BE	326	274	AML		238	42.46			75	0.4				
DAMV	BZ	516	311	EPn		238	16.45	-0.2							0.8
CHTH	BZ	596	309	EPn		238	26.49	0.0							0.8
ASAO	BZ	617	292	EPn		238	29.17	0.1							0.8

**June 2 2007 Hour: 6:25 49.4 Lat: 29.38N Lon: 51.50E Depth: 15F 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
GHIR	BZ	190	130	EPg		626	20.59	-0.1							1.0
GHIR	BN	190	130	ESg		626	43.51	0.0							1.0
GHIR	BE	190	130	AML		626	48.60			211	0.4				
GHIR	BN	190	130	AML		626	54.19			144	0.4				
NASN	BZ	399	18	EPn		626	47.03	0.2							0.9
DAMV	BZ	694	4	EPn		627	23.08	-0.4							0.7
DAMV	BN	694	4	AML		628	38.07			5	0.5				
SNGE	BZ	744	329	EPn		627	29.76	0.2							0.6

**June 2 2007 Hour: 6:33 58.4 Lat: 29.23N Lon: 51.23E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	201	121	EPg		634	31.48	0.0							1.0
GHIR	BE	201	121	ESg		634	55.61	0.0							1.0
GHIR	BN	201	121	AML		635	4.25			311	0.3				
GHIR	BE	201	121	AML		635	9.45			293	0.7				
NASN	BZ	423	20	EPn		634	58.92	0.0							0.9
KRBR	BZ	542	80	EPn		635	13.76	0.1							0.8
DAMV	BZ	713	5	EPn		635	34.91	0.0							0.7
DAMV	BN	713	5	AML		636	53.28			7	0.6				
SNGE	BZ	746	332	EPn		635	38.94	0.0							0.6

**June 2 2007 Hour: 13:12 4.9 Lat: 31.20N Lon: 51.51E Depth: 18 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NASN	BZ	216	34	EPg		1312	40.65	0.2							1.0
NASN	BN	216	34	ESg		1313	6.43	0.0							1.0
NASN	BN	216	34	AML		1313	16.35			82	0.5				
NASN	BE	216	34	AML		1313	18.16			66	0.7				
GHVR	BZ	365	356	EPn		1312	57.72	0.1							0.9
GHVR	BN	365	356	AML		1314	3.18			40	2.1				
ASAO	BZ	397	340	EPn		1313	2.11	0.4							0.9
ASAO	BE	397	340	ESg		1313	56.04	0.0							0.9
ASAO	BN	397	340	AML		1314	7.00			49	1.1				

DAMV BZ 494 5 EPn 1313 13.05 -0.7 0.8

**June 2 2007 Hour: 18:23 43.8 Lat: 39.11N Lon: 43.74E 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	86	72	EPg		1823	58.54	-0.1							1.0
MAKU	BN	86	72	ESg		1824	9.62	0.1							1.0
MAKU	BN	86	72	AML		1824	12.67			4444	0.1				
GRMI	BZ	362	94	EPn		1824	36.69	0.2							0.9
GRMI	BN	362	94	ESg		1825	25.17	0.0							0.9
GRMI	BE	362	94	AML		1825	34.01			146	0.8				
GRMI	BN	362	94	AML		1825	39.15			116	0.6				
SNGE	BZ	549	143	EPn		1824	59.88	0.0							0.8

**June 3 2007 Hour: 1:27 35.1 Lat: 29.61N Lon: 51.80E Depth: 18 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
GHIR	BZ	187	141	EPg		128	5.97	0.1							1.0
GHIR	BN	187	141	ESg		128	28.31	-0.1							1.0
GHIR	BE	187	141	AML		128	40.99			145	0.9				
GHIR	BN	187	141	AML		128	40.99			122	0.7				
NASN	BZ	367	15	EPn		128	28.25	-0.1							0.9
KRBR	BZ	481	84	EPn		128	42.57	0.1							0.8
KRBR	BN	481	84	AML		129	57.54			8	0.8				
ASAO	BZ	573	343	EPn		128	53.84	0.0							0.8

**June 3 2007 Hour: 6:45 53.4 Lat: 32.60N Lon: 49.74E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	104	239	EPg		646	10.90	0.0							1.0
SHGR	BN	104	239	AML		646	30.51			2916	0.7				
SHGR	BE	104	239	AML		646	34.33			1776	0.5				
GHVR	BZ	251	33	EPn		646	32.55	0.3							1.0
GHVR	BN	251	33	AML		647	11.51			261	0.7				
NASN	BZ	289	85	EPn		646	37.00	-0.2							1.0
NASN	BN	289	85	AML		647	16.07			245	0.8				
SNGE	BZ	354	322	EPn		646	45.04	-0.2							0.9
SNGE	BN	354	322	AML		647	50.88			154	0.8				
THKV	BZ	382	16	EPn		646	48.82	0.1							0.9
CHTH	BZ	388	19	EPn		646	49.84	0.3							0.9
CHTH	BN	388	19	ESg		647	42.05	-0.2							0.9
DAMV	BZ	394	31	EPn		646	50.16	-0.1							0.9

**June 3 2007 Hour: 12:10 0.9 Lat: 30.44N Lon: 57.25E Depth: 15F Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.5 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	70	223	EPg		1210	12.95	-0.3							1.0
KRBR	BN	70	223	ESg		1210	21.93	-0.4							1.0
KRBR	BN	70	223	AML		1210	24.38			3594	0.6				
ZHSF	BZ	352	104	EPn		1210	52.23	-0.1							0.9
ZHSF	BE	352	104	ESg		1211	39.32	-0.3							0.9
BNDS	BZ	354	198	EPN5		1210	53.81	1.3							0.9
BNDS	BN	354	198	AML		1211	41.31			185	0.4				
GHIR	BZ	478	241	EPn		1211	8.02	0.0							0.8
GHIR	BE	478	241	AML		1212	30.57			56	0.5				
GHIR	BN	478	241	AML		1212	36.17			52	0.6				
NASN	BZ	496	303	EPn		1211	10.28	-0.1							0.8
NASN	BE	496	303	AML		1212	25.12			48	0.5				
NASN	BN	496	303	AML		1212	29.41			51	0.6				

**June 3 2007 Hour: 15:247.2 Lat: 26.32N Lon: 54.23E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	227	58	EPg		15	3	24.40							1.0
BNDS	BN	227	58	ESg		15	3	51.71							1.0
BNDS	BN	227	58	AML		15	4	11.16		160	0.7				
GHIR	BZ	250	331	EPn		15	3	26.03							1.0
GHIR	BE	250	331	ESg		15	3	57.82							1.0
GHIR	BE	250	331	AML		15	4	0.39		247	0.4				
GHIR	BN	250	331	AML		15	4	9.54		253	0.5				
KRBR	BZ	476	31	EPn		15	3	54.36							0.8
KRBR	BN	476	31	AML		15	5	3.85		21	0.6				

**June 3 2007 Hour: 17:48 11.4 Lat: 32.73N Lon: 49.74E 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
SHGR	BZ	113	232	EPg		1748	30.47	0.1							1.0
SHGR	BE	113	232	AML		1748	47.74			120	0.3				
SHGR	BN	113	232	AML		1748	47.88			331	0.5				
ASAO	BZ	203	7	EPg		1748	44.96	0.1							1.0
ASAO	BN	203	7	ESg		1749	9.70	0.4							1.0
GHVR	BZ	239	35	EPg		1748	49.98	-0.5							1.0
GHVR	BE	239	35	AML		1749	25.09			20	1.0				
NASN	BZ	287	88	EPn		1748	55.24	0.2							1.0
SNGE	BZ	343	320	EPn		1749	1.69	-0.2							0.9
SNGE	BN	343	320	ESg		1749	47.65	-0.1							0.9
SNGE	BN	343	320	AML		1750	8.02			10	0.6				

**June 3 2007 Hour: 23:39 47.9 Lat: 32.67N Lon: 49.78E Depth: 27 Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	111	236	EPg		2340	6.52	0.1							1.0
SHGR	BN	111	236	AML		2340	23.96			476	0.5				
SHGR	BE	111	236	AML		2340	23.98			162	0.6				
ASAO	BZ	210	6	EPg		2340	21.29	-0.5							1.0
ASAO	BN	210	6	ESg		2340	46.84	0.3							1.0
GHVR	BZ	243	34	EPg		2340	26.84	0.1							1.0
GHVR	BN	243	34	AML		2341	0.81			27	0.6				
GHVR	BE	243	34	AML		2341	10.72			19	0.6				
NASN	BZ	285	86	EPn		2340	30.06	0.1							1.0
SNGE	BZ	350	321	EPn		2340	38.03	0.0							0.9

**June 4 2007 Hour: 8:416.6 Lat: 36.37N Lon: 51.32E Depth: 33 Agency: INS Local**  
**Magnitudes: 3.8ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THKV	BZ	64	218	EPg		8	4	28.61							1.0
THKV	BN	64	218	AML		8	4	38.52		5286	0.3				
THKV	BE	64	218	AML		8	4	39.28		5198	0.4				
DAMV	BZ	101	144	EPg		8	4	33.89							1.0
DAMV	BN	101	144	ESg		8	4	46.40							1.0
DAMV	BE	101	144	AML		8	4	48.94		1644	0.4				
GHVR	BZ	210	182	EPg		8	4	51.23							1.0
GHVR	BE	210	182	AML		8	5	25.65		709	0.5				
GHVR	BN	210	182	AML		8	5	26.15		800	0.5				
ASAO	BZ	234	211	EPg		8	4	53.90							1.0
ASAO	BN	234	211	ESg		8	5	21.43							1.0
ASAO	BN	234	211	AML		8	5	25.78		824	0.5				
ASAO	BE	234	211	AML		8	5	26.87		491	0.6				
GRMI	BZ	406	313	EPn		8	5	12.85							0.9



**June 4 2007 Hour: 15:23 38.7 Lat: 29.62N Lon: 51.28E 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
GHIR	BZ	223	131	EPg		1524	15.21	0.0							1.0
GHIR	BE	223	131	AML		1524	50.88			167	0.4				
GHIR	BN	223	131	AML		1524	53.68			173	0.6				
NASN	BZ	381	22	EPn		1524	33.93	0.0							0.9
NASN	BN	381	22	AML		1525	16.41			19	0.3				
KRBR	BZ	531	84	EPn		1524	52.55	0.0							0.8
DAMV	BZ	669	5	EPn		1525	9.69	0.0							0.7
SNGE	BZ	711	330	EPn		1525	14.75	0.0							0.7

**June 4 2007 Hour: 18:34 11.2 Lat: 27.47N Lon: 55.28E 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
BNDS	BZ	88	95	EPg		1834	26.22	-0.1							1.0
BNDS	BN	88	95	AML		1834	43.78			1591	0.3				
GHIR	BZ	244	292	EPn		1834	49.44	0.2							1.0
GHIR	BE	244	292	ESg		1835	19.94	-0.2							1.0
GHIR	BE	244	292	AML		1835	28.97			144	0.5				
GHIR	BN	244	292	AML		1835	36.28			133	0.6				
KRBR	BZ	313	27	EPn		1834	58.12	0.0							1.0

**June 5 2007 Hour: 1:27 29.3 Lat: 29.25N Lon: 58.39E Depth: 14 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
KRBR	BZ	178	297	EPg		127	58.88	0.1							1.0
KRBR	BN	178	297	ESg		128	20.22	-0.1							1.0
KRBR	BN	178	297	AML		128	25.05			211	0.3				
ZHSF	BZ	234	80	EPg		128	7.69	0.0							1.0
ZHSF	BN	234	80	ESg		128	35.71	0.0							1.0
BNDS	BZ	300	227	EPn		128	14.49	0.2							1.0
BNDS	BN	300	227	ESg		128	53.52	-0.1							1.0
BNDS	BN	300	227	AML		128	59.74			39	0.5				

**June 5 2007 Hour: 13:21 15.2 Lat: 29.10N Lon: 58.35E Depth: 18 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
KRBR	BZ	182	303	EPg		1321	45.50	0.1							1.0
KRBR	BN	182	303	ESg		1322	7.48	0.0							1.0
KRBR	BN	182	303	AML		1322	10.67			155	0.3				
ZHSF	BZ	243	76	EPn		1321	52.80	0.0							1.0
BNDS	BZ	284	229	EPn		1321	57.98	0.0							1.0
BNDS	BN	284	229	AML		1322	43.79			55	0.6				

**June 5 2007 Hour: 19:17 39.4 Lat: 32.70N Lon: 49.83E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.7 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	117	236	EPg		1917	58.83	-0.1							1.0
SHGR	BN	117	236	AML		1918	19.22			618	0.7				
SHGR	BE	117	236	AML		1918	22.40			418	0.1				
ASAO	BZ	206	5	EPg		1918	11.88	-1.5							1.0
ASAO	BE	206	5	ESg		1918	38.59	0.4							1.0
ASAO	BN	206	5	AML		1918	42.97			131	0.7				
GHVR	BZ	237	33	EPg		1918	17.78	-0.4							1.0
GHVR	BN	237	33	ESg		1918	46.87	0.3							1.0
GHVR	BN	237	33	AML		1918	55.13			148	1.0				
NASN	BZ	279	87	EPn		1918	22.42	0.4							1.0
NASN	BN	279	87	AML		1919	4.85			68	0.2				
SNGE	BZ	351	320	EPn		1918	31.53	0.7							0.9
THKV	BZ	370	15	EPn		1918	33.77	0.7							0.9
CHTH	BZ	376	18	EPn		1918	34.18	0.3							0.9
DAMV	BZ	381	31	EPn		1918	33.77	-0.7							0.9

DAMV BN 381 31 AML 1919 29.50 37 0.5

**June 6 2007 Hour: 6:32 17.9 Lat: 37.46N Lon: 54.91E Depth: 14F 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	107	78	EPg		632	36.56	0.1							1.0
MRVT	BN	107	78	ESg		632	50.03	0.0							1.0
DAMV	BZ	332	233	EPn		633	7.32	-0.2							0.9
DAMV	BE	332	233	AML		633	56.37			46	0.4				
DAMV	BN	332	233	AML		633	58.49			48	0.5				
CHTH	BZ	379	244	EPn		633	13.65	0.3							0.9
CHTH	BN	379	244	AML		634	7.64			14	0.4				
CHTH	BE	379	244	AML		634	12.15			12	0.5				
GRMI	BZ	633	286	EPn		633	44.63	-0.1							0.7

**June 6 2007 Hour: 23:10 56.8 Lat: 37.18N Lon: 49.00E Depth: 16 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
GRMI	BZ	206	332	EPg		2311	30.40	-0.2							1.0
GRMI	BE	206	332	ESg		2311	55.46	0.2							1.0
THKV	BZ	219	129	EPg		2311	32.82	0.1							1.0
THKV	BE	219	129	ESg		2311	58.98	0.0							1.0
THKV	BN	219	129	AML		2312	3.06			223	0.5				
THKV	BE	219	129	AML		2312	5.88			170	0.4				
CHTH	BZ	237	126	EPg		2311	35.48	-0.1							1.0
SNGE	BZ	275	213	EPn		2311	38.70	0.0							1.0
ASAO	BZ	306	162	EPn		2311	42.43	-0.1							1.0
ASAO	BN	306	162	ESg		2312	23.10	0.1							1.0
DAMV	BZ	317	122	EPn		2311	43.96	0.1							1.0
DAMV	BE	317	122	AML		2312	29.15			47	0.4				
DAMV	BN	317	122	AML		2312	31.27			33	0.6				

**June 7 2007 Hour: 2:29 50.1 Lat: 36.71N Lon: 55.27E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MRVT	BZ	128	34	EPg		230	11.56	0.0							1.0
MRVT	BE	128	34	ESg		230	27.18	0.0							1.0
MRVT	BE	128	34	AML		230	31.00			552	0.6				
DAMV	BZ	320	249	EPn		230	37.73	0.1							0.9
DAMV	BE	320	249	ESg		231	20.18	0.0							0.9
DAMV	BN	320	249	AML		231	23.24			148	0.7				
DAMV	BE	320	249	AML		231	26.65			286	0.5				
CHTH	BZ	383	258	EPn		230	45.40	0.0							0.9
NASN	BZ	489	208	EPn		230	58.69	0.0							0.8
ASAO	BZ	532	245	EPn		231	3.99	0.0							0.8
ASAO	BN	532	245	AML		232	31.44			24	0.7				
ASAO	BE	532	245	AML		232	34.31			20	0.6				
SNGE	BZ	737	258	EPn		231	29.46	0.0							0.6

**June 7 2007 Hour: 2:34 30.5 Lat: 36.55N Lon: 51.56E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CHTH	BZ	81	209	EPg		234	44.22	-0.4							1.0
CHTH	BN	81	209	ESg		234	54.89	0.0							1.0
THKV	BZ	93	221	EPg		234	46.58	0.1							1.0
THKV	BN	93	221	ESg		234	58.04	-0.1							1.0
THKV	BN	93	221	AML		235	0.53			3320	0.5				
THKV	BE	93	221	AML		235	1.79			1932	0.6				
DAMV	BZ	108	160	EPg		234	49.05	0.1							1.0
DAMV	BN	108	160	ESg		235	2.23	-0.2							1.0
DAMV	BN	108	160	AML		235	2.84			616	0.5				
DAMV	BE	108	160	AML		235	4.36			909	0.5				
ASAO	BZ	262	213	EPn		235	11.73	0.9							1.0
ASAO	BN	262	213	AML		235	46.75			128	0.5				

GRMI	BZ	409	309	EPn		235	28.65	-0.4										0.9
GRMI	BE	409	309	AML		236	11.99			47	0.4							
GRMI	BN	409	309	AML		236	16.61			49	0.3							
NASN	BZ	431	164	EPn		235	31.95	0.0										0.9

**June 7 2007 Hour: 18:46 18.9 Lat: 36.52N Lon: 51.54E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CHTH	BZ	77	209	EPg		1846	32.21	-0.3							1.0
THKV	BZ	90	222	EPg		1846	34.73	0.4							1.0
THKV	BN	90	222	AML		1846	48.44			2106	0.5				
THKV	BE	90	222	AML		1846	49.99			1235	0.4				
DAMV	BZ	106	159	EPg		1846	36.91	0.0							1.0
DAMV	BN	106	159	ESg		1846	49.78	-0.3							1.0
DAMV	BN	106	159	AML		1846	51.24			690	0.5				
DAMV	BE	106	159	AML		1846	51.73			1319	0.4				
ASAO	BZ	258	213	EPn		1846	59.40	0.5							1.0
ASAO	BN	258	213	ESg		1847	31.74	-0.3							1.0
GRMI	BZ	410	309	EPn		1847	17.01	-0.7							0.9
SNGE	BZ	411	249	EPn		1847	18.05	0.2							0.9
NASN	BZ	428	164	EPn		1847	20.71	0.6							0.9

**June 7 2007 Hour: 20: 7 41.8 Lat: 28.08N Lon: 52.90E Depth: 30 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
GHIR	BZ	24	22	EPg		20 7	48.62	0.2							1.0
GHIR	BN	24	22	ESg		20 7	53.14	-0.1							1.0
GHIR	BN	24	22	AML		20 7	55.73			6404	0.3				
GHIR	BE	24	22	AML		20 7	57.24			5110	0.4				
KRBR	BZ	431	60	EPn		20 8	41.56	-0.3							0.9
KRBR	BN	431	60	Sn		20 9	25.89	0.2							0.9
KRBR	BN	431	60	AML		20 9	39.89			24	0.4				
NASN	BZ	523	359	EPn		20 8	52.94	-0.3							0.8
ASAO	BZ	767	340	EPn		20 9	24.08	0.6							0.6
SNGE	BZ	939	327	EPn		20 9	44.66	-0.1							0.5

**June 8 2007 Hour: 2: 3 51.5 Lat: 36.13N Lon: 54.68E 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
MRVT	BZ	211	36	EPg		2 4	26.11	-0.1							1.0
MRVT	BN	211	36	ESg		2 4	51.51	0.0							1.0
DAMV	BZ	251	258	EPg		2 4	32.64	0.1							1.0
DAMV	BN	251	258	ESg		2 5	2.52	0.0							1.0
DAMV	BN	251	258	AML		2 5	6.63			133	0.5				
DAMV	BE	251	258	AML		2 5	7.36			152	0.5				
CHTH	BZ	321	267	EPn		2 4	39.29	0.1							0.9
THKV	BZ	343	267	EPn		2 4	41.77	-0.1							0.9
THKV	BE	343	267	AML		2 5	26.47			87	0.5				
THKV	BN	343	267	AML		2 5	29.39			82	0.5				

**June 8 2007 Hour: 3:50 0.6 Lat: 34.73N Lon: 47.92E Depth: 14 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
SNGE	BZ	66	307	EPg		350	12.32	0.0							1.0
SNGE	BE	66	307	ESg		350	20.79	0.0							1.0
SNGE	BN	66	307	AML		350	22.20			564	0.2				
SNGE	BE	66	307	AML		350	22.42			476	0.2				
ASAO	BZ	194	96	EPg		350	32.56	0.0							1.0
ASAO	BE	194	96	AML		350	58.50			50	0.2				
CHTH	BZ	319	65	EPn		350	48.14	0.0							0.9

**June 8 2007 Hour: 4:16 53.0 Lat: 34.89N Lon: 47.98E 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
SNGE	BZ	62	292	EPg		417	4.10	0.0							1.0
SNGE	BN	62	292	AML		417	13.95			1115	0.2				
SNGE	BE	62	292	AML		417	14.23			935	0.1				
ASAO	BZ	191	101	EPg		417	24.60	0.0							1.0
ASAO	BE	191	101	AML		417	50.15			108	0.6				
CHTH	BZ	307	67	EPn		417	39.03	0.0							1.0

**June 8 2007 Hour: 4:42 19.7 Lat: 32.68N Lon: 49.75E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	110	235	EPg		442	38.00	-0.1							1.0
SHGR	BN	110	235	AML		442	57.55			3808	0.4				
SHGR	BE	110	235	AML		442	57.70			1785	0.5				
ASAO	BZ	209	7	EPg		442	53.56	-0.5							1.0
ASAO	BN	209	7	AML		443	26.43			270	0.9				
ASAO	BE	209	7	AML		443	34.18			302	0.4				
NASN	BZ	287	87	EPn		443	3.24	0.0							1.0
SNGE	BZ	348	321	EPn		443	10.97	0.3							0.9
SNGE	BN	348	321	AML		444	17.92			147	0.2				
THKV	BZ	374	16	EPN5		443	14.01	0.1							0.9
CHTH	BZ	380	19	EPN5		443	15.44	0.7							0.9
DAMV	BZ	386	31	EPn		443	15.11	-0.4							0.9

**June 8 2007 Hour: 5:54 33.3 Lat: 40.69N Lon: 47.90E Depth: 15 Agency: INS Local**  
**Magnitudes: 4.1ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	209	180	EP		555	6.26	-0.7							1.0
GRMI	BE	209	180	AML		555	33.29			1634	0.4				
GRMI	BN	209	180	AML		555	34.63			1685	0.6				
MAKU	BZ	312	243	EPn		555	19.76	-0.1							1.0
MAKU	BE	312	243	AML		556	13.00			101	0.7				
THKV	BZ	591	153	EPN5		555	54.55	0.1							0.7
SNGE	BZ	623	185	EPN5		556	0.02	1.5							0.7
DAMV	BZ	665	146	EPn		556	3.44	-0.4							0.7
DAMV	BN	665	146	AML		557	13.78			161	0.6				
ASAO	BZ	707	164	EPn		556	9.14	0.1							0.7
MRVT	BZ	783	113	EP		556	18.53	0.2							0.6
MRVT	BN	783	113	AML		557	38.02			97	0.1				

**June 8 2007 Hour: 17:12 41.4 Lat: 32.27N Lon: 49.92E 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
SHGR	BZ	107	261	EPg		1712	59.48	0.0							1.0
SHGR	BN	107	261	AML		1713	19.70			3595	0.4				
SHGR	BE	107	261	AML		1713	22.75			3390	0.1				
ASAO	BZ	253	2	EPg		1713	22.45	-0.4							1.0
ASAO	BN	253	2	AML		1713	57.95			233	0.5				
NASN	BZ	277	77	EPn		1713	23.92	0.1							1.0
NASN	BN	277	77	ESg		1713	59.60	-0.3							1.0
SNGE	BZ	394	323	EPn		1713	37.66	-0.5							0.9
SNGE	BN	394	323	AML		1714	43.88			71	0.3				
THKV	BZ	414	12	EPN5		1713	41.55	0.9							0.9
DAMV	BZ	418	26	EPN5		1713	41.64	0.4							0.9

**June 9 2007 Hour: 5: 8 33.0 Lat: 32.67N Lon: 49.74E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.2ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	107	235	EPg		5 8	51.23	0.1							1.0
SHGR	BN	107	235	AML		5 9	15.61			8665	0.5				
SHGR	BE	107	235	AML		5 9	19.30			7407	0.5				
ASAO	BZ	211	7	EPg		5 9	7.27	-0.4							1.0
ASAO	BN	211	7	AML		5 9	45.36			1387	0.9				
NASN	BZ	288	86	EPn		5 9	16.61	-0.2							1.0
NASN	BN	288	86	ESg		5 9	54.43	0.0							1.0
SNGE	BZ	348	321	EPn		5 9	23.78	-0.4							0.9
SNGE	BE	348	321	AML		510	26.41			497	0.5				
SNGE	BN	348	321	AML		510	26.68			525	0.9				
THKV	BZ	376	16	EPn		5 9	27.96	0.4							0.9
CHTH	BZ	382	19	EPn		5 9	28.70	0.3							0.9
DAMV	BZ	388	31	EPn		5 9	29.37	0.2							0.9
GRMI	BZ	702	347	EPn		510	8.28	0.3							0.7

**June 9 2007 Hour: 5:38 17.4 Lat: 32.70N Lon: 49.79E 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
ASAO	BZ	206	6	EPn		538	50.43	-0.3							1.0
ASAO	BN	206	6	AML		539	25.46			317	0.6				
NASN	BZ	283	87	EPn		539	0.38	0.0							1.0
SNGE	BZ	348	320	EPn		539	8.46	0.1							0.9
SNGE	BE	348	320	AML		540	5.25			97	0.9				
SNGE	BN	348	320	AML		540	14.61			136	0.7				
CHTH	BZ	377	19	EPn		539	12.15	0.2							0.9
DAMV	BZ	382	31	EPn		539	12.81	0.2							0.9
DAMV	BE	382	31	AML		540	16.97			66	0.6				

**June 9 2007 Hour: 6:27 9.3 Lat: 32.70N Lon: 49.78E 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
SHGR	BZ	113	235	EPg		627	28.26	0.0							1.0
SHGR	BN	113	235	ESg		627	42.05	-0.1							1.0
SHGR	BE	113	235	AML		627	45.51			216	0.3				
ASAO	BZ	206	6	EPg		627	43.13	-0.2							1.0
ASAO	BN	206	6	AML		628	16.44			36	0.6				
NASN	BZ	284	87	EPn		627	52.73	0.1							1.0
NASN	BE	284	87	ESg		628	29.57	0.0							1.0
NASN	BN	284	87	AML		628	31.39			21	0.6				
SNGE	BZ	348	320	EPn		628	0.67	0.3							0.9
SNGE	BN	348	320	AML		629	5.54			17	0.4				

**June 9 2007 Hour: 7:17 50.4 Lat: 32.63N Lon: 49.78E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	108	238	EPg		718	8.46	-0.1							1.0
ASAO	BZ	214	6	EPg		718	25.20	-0.4							1.0
ASAO	BE	214	6	ESg		718	51.10	-0.2							1.0
ASAO	BN	214	6	AML		719	1.89			197	0.6				
NASN	BZ	285	85	EPn		718	33.54	-0.2							1.0
NASN	BN	285	85	ESg		719	10.82	-0.1							1.0
NASN	BN	285	85	AML		719	13.49			126	0.4				
SNGE	BZ	354	321	EPn		718	42.22	0.0							0.9
SNGE	BE	354	321	AML		719	39.40			86	0.7				
SNGE	BN	354	321	AML		719	48.10			95	0.7				
THKV	BZ	379	15	EPn		718	45.55	0.3							0.9
CHTH	BZ	384	19	EPn		718	46.74	0.7							0.9
DAMV	BZ	390	31	EPn		718	46.95	0.3							0.9
DAMV	BN	390	31	AML		719	45.50			43	0.7				
DAMV	BE	390	31	AML		719	48.09			60	0.6				

**June 9 2007 Hour: 8:50 45.5 Lat: 34.15N Lon: 48.56E 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	142	71	EPg		851	9.22	-0.1							1.0
ASAO	BN	142	71	ESg		851	26.56	-0.1							1.0
ASAO	BE	142	71	AML		851	28.73			403	0.4				
ASAO	BN	142	71	AML		851	31.98			535	0.7				
SNGE	BZ	153	314	EPg		851	10.94	-0.1							1.0
SHGR	BZ	227	174	EPg		851	22.58	0.0							1.0
SHGR	BE	227	174	AML		851	54.24			210	0.6				
SHGR	BN	227	174	AML		851	57.28			121	0.6				
DAMV	BZ	353	61	EPn		851	37.50	0.3							0.9

**June 9 2007 Hour: 11:38 40.0 Lat: 33.69N Lon: 48.78E Depth: 16 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	150	50	EPg		1139	5.00	-0.1							1.0
ASAO	BN	150	50	ESg		1139	23.43	0.1							1.0
ASAO	BN	150	50	AML		1139	33.22			176	0.6				
SHGR	BZ	175	179	EPg		1139	8.31	-0.6							1.0
SHGR	BN	175	179	ESg		1139	30.41	0.5							1.0
SNGE	BZ	204	320	EPg		1139	13.70	0.0							1.0
SNGE	BN	204	320	AML		1139	45.47			130	0.4				
SNGE	BE	204	320	AML		1139	49.07			143	0.5				
GHVR	BZ	244	68	EPg		1139	19.96	0.0							1.0
DAMV	BZ	364	53	EPn		1139	33.39	0.5							0.9
NASN	BZ	388	104	EPn		1139	35.47	-0.5							0.9

**June 10 2007 Hour: 16:32 15.0 Lat: 32.14N Lon: 48.98E Depth: 18 Agency: INS Local**  
**Magnitudes: 3.1ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	17	257	EPg		1632	19.28	0.0							1.0
SHGR	BN	17	257	AML		1632	27.28			7950	0.7				
ASAO	BZ	284	20	EPn		1632	57.85	0.1							1.0
ASAO	BN	284	20	ESg		1633	35.13	0.0							1.0
ASAO	BN	284	20	AML		1633	42.23			63	0.6				
ASAO	BE	284	20	AML		1633	47.73			48	0.6				
SNGE	BZ	360	336	EPn		1633	7.18	-0.1							0.9
SNGE	BE	360	336	AML		1633	59.60			36	0.6				
NASN	BZ	367	78	EPn		1633	8.20	0.0							0.9

**June 10 2007 Hour: 18:19 7.2 Lat: 26.12N Lon: 54.12E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.5ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	248	55	EPg		1819	47.50	-0.3							1.0
BNDS	BN	248	55	ESg		1820	17.68	0.2							1.0
BNDS	BN	248	55	AML		1820	34.90			229	0.7				
GHIR	BZ	265	335	EPn		1819	48.25	0.4							1.0
GHIR	BN	265	335	ESg		1820	21.78	-0.1							1.0
GHIR	BE	265	335	AML		1820	32.76			296	0.7				
GHIR	BN	265	335	AML		1820	34.80			393	0.6				
KRBR	BZ	500	31	EPn		1820	17.38	0.0							0.8
KRBR	BE	500	31	AML		1821	22.92			41	0.7				
KRBR	BN	500	31	AML		1821	27.55			27	0.6				
NASN	BZ	751	351	EPn		1820	48.07	-0.4							0.6

**June 11 2007 Hour: 2:18 5.5 Lat: 26.31N Lon: 54.22E 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
BNDS	BZ	228	58	EPg		218	42.87	-0.1							1.0
BNDS	BN	228	58	ESg		219	10.40	0.1							1.0
BNDS	BN	228	58	AML		219	27.46			168	0.4				
GHIR	BZ	250	331	EPn		218	44.41	0.0							1.0

GHIR	BN	250	331	ESg		219	16.23	0.0									1.0
GHIR	BE	250	331	AML		219	26.87			151	0.8						
GHIR	BN	250	331	AML		219	29.93			195	0.8						
KRBR	BZ	477	31	EPn		219	12.81	0.0									0.8
KRBR	BE	477	31	AML		220	18.37			32	0.5						
KRBR	BN	477	31	AML		220	22.58			24	0.8						

**June 11 2007 Hour: 5:31 34.1 Lat: 30.06N Lon: 57.41E Depth: 1 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
KRBR	BZ	64	262	EPg		531	46.20	0.3							1.0
KRBR	BN	64	262	ESg		531	54.30	-0.3							1.0
KRBR	BE	64	262	AML		531	55.43			1910	0.2				
BNDS	BZ	319	203	EPn		532	23.25	0.1							0.9
BNDS	BN	319	203	AML		533	2.64			45	0.3				
ZHSF	BZ	329	98	EPn		532	24.21	-0.2							0.9
NASN	BZ	533	306	EPN5		532	50.01	0.1							0.8

**June 11 2007 Hour: 19:26 57.9 Lat: 31.59N Lon: 50.31E Depth: 16 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	154	292	EPg		1927	23.35	-0.1							1.0
SHGR	BE	154	292	ESg		1927	42.10	0.1							1.0
SHGR	BN	154	292	AML		1927	46.15			540	0.6				
SHGR	BE	154	292	AML		1927	49.60			336	0.6				
NASN	BZ	271	60	EPn		1927	39.42	0.1							1.0
NASN	BN	271	60	ESg		1928	14.53	0.0							1.0
ASAO	BZ	329	355	EPn		1927	46.60	0.1							0.9
ASAO	BE	329	355	AML		1928	40.44			49	0.6				
SNGE	BZ	476	325	EPn		1928	4.46	-0.3							0.8
SNGE	BN	476	325	AML		1929	22.15			17	0.6				
SNGE	BE	476	325	AML		1929	26.01			16	0.6				

**June 12 2007 Hour: 5:24 26.1 Lat: 31.46N Lon: 50.15E Depth: 40 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	147	300	EPg		524	50.48	0.0							1.0
NASN	BZ	291	59	EPn		525	7.35	-0.5							1.0
ASAO	BZ	343	358	EPn		525	14.93	0.8							0.9
ASAO	BN	343	358	AML		526	5.26			88	0.8				
GHIR	BZ	446	141	EPn		525	26.94	0.2							0.9
GHIR	BN	446	141	AML		526	44.34			43	0.6				
SNGE	BZ	481	328	EPn		525	30.35	-0.9							0.8
DAMV	BZ	493	20	EPn		525	33.18	0.4							0.8
DAMV	BE	493	20	ESg		526	40.06	-0.1							0.8
DAMV	BN	493	20	AML		526	51.55			34	0.7				
THKV	BZ	499	8	EPn		525	33.46	0.0							0.8
CHTH	BZ	502	10	EPn		525	33.94	0.0							0.8

**June 12 2007 Hour: 9:52 15.0 Lat: 34.56N Lon: 47.72E Depth: 24 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
SNGE	BZ	68	330	EPg		952	27.41	0.2							1.0
SNGE	BN	68	330	ESg		952	35.85	-0.2							1.0
SNGE	BN	68	330	AML		952	37.17			311	0.2				
SNGE	BE	68	330	AML		952	37.30			274	0.3				
ASAO	BZ	211	90	EPn		952	47.94	-0.3							1.0
ASAO	BE	211	90	AML		953	13.72			27	0.6				
CHTH	BZ	344	63	EPn		953	4.98	0.3							0.9

**June 13 2007 Hour: 0:37 58.7 Lat: 32.72N Lon: 49.80E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.0ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	116	234	EPg		038	18.24	0.1							1.0
SHGR	BN	116	234	AML		038	36.06			1120	0.5				
ASAO	BZ	204	6	EPg		038	31.83	-0.4							1.0
GHVR	BZ	237	34	EPg		038	37.63	0.3							1.0
GHVR	BN	237	34	AML		039	12.65			94	0.3				
GHVR	BE	237	34	AML		039	13.38			83	0.6				
NASN	BZ	282	87	EPn		038	41.42	-0.2							1.0
SNGE	BZ	348	320	EPn		038	49.68	0.0							0.9
SNGE	BN	348	320	AML		039	50.71			22	0.5				
CHTH	BZ	374	19	EPn		038	53.48	0.4							0.9

**June 13 2007 Hour: 21: 0 33.5 Lat: 28.02N Lon: 58.00E Depth: 46 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
BNDS	BZ	193	250	EPg		21 1	5.10	0.0							1.0
BNDS	BN	193	250	ESg		21 1	28.08	0.0							1.0
BNDS	BN	193	250	AML		21 1	35.44			199	0.3				
KRBR	BZ	249	331	EPg		21 1	13.81	0.1							1.0
KRBR	BN	249	331	ESg		21 1	43.06	0.0							1.0
KRBR	BE	249	331	AML		21 1	46.72			160	0.2				
KRBR	BN	249	331	AML		21 1	47.46			187	0.7				
ZHSF	BZ	323	56	EPn		21 1	18.50	0.0							0.9
GHIR	BZ	493	275	EPn		21 1	39.58	0.0							0.8

**June 14 2007 Hour: 2: 9 55.1 Lat: 30.54N Lon: 51.76E 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
NASN	BZ	270	21	EPn		210	36.64	0.1							1.0
NASN	BE	270	21	ESg		211	11.54	0.1							1.0
GHIR	BZ	276	154	EPn		210	37.05	-0.1							1.0
GHIR	BE	276	154	Sn		211	8.01	0.1							1.0
GHIR	BE	276	154	AML		211	23.22			472	0.5				
GHIR	BN	276	154	AML		211	24.48			245	0.6				
SHGR	BZ	331	303	EPn		210	44.00	0.2							1.0
SHGR	BN	331	303	AML		211	53.64			238	0.8				
SHGR	BE	331	303	AML		211	57.92			256	0.6				
ASAO	BZ	474	340	EPn		211	1.84	0.0							0.8
KRBR	BZ	485	96	EPn		211	3.17	-0.1							0.8
KRBR	BN	485	96	AML		212	23.00			52	0.8				
KRBR	BE	485	96	AML		212	35.86			62	0.6				
DAMV	BZ	565	2	EPn		211	13.11	-0.1							0.8
SNGE	BZ	653	322	EPn		211	23.75	-0.3							0.7
SNGE	BE	653	322	AML		212	36.82			22	0.6				
SNGE	BN	653	322	AML		212	38.18			27	0.6				

**June 15 2007 Hour: 8:47 26.9 Lat: 34.30N Lon: 52.26E Depth: 46 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
GHVR	BZ	96	282	EPg		847	44.11	0.1							1.0
GHVR	BN	96	282	ESg		847	56.60	0.2							1.0
GHVR	BE	96	282	AML		847	57.07			2086	0.2				
GHVR	BN	96	282	AML		847	57.26			3724	0.3				
DAMV	BZ	150	350	EPg		847	52.05	0.0							1.0
DAMV	BE	150	350	ESg		848	10.46	0.1							1.0
DAMV	BN	150	350	AML		848	13.69			809	0.1				
DAMV	BE	150	350	AML		848	14.51			1294	0.5				
NASN	BZ	174	163	EPg		847	55.82	0.0							1.0
CHTH	BZ	206	330	EPg		848	0.33	-0.2							1.0
ASAO	BZ	208	278	EPg		848	0.60	-0.1							1.0
ASAO	BN	208	278	ESg		848	25.38	-0.1							1.0



THKV	BZ	219	325	EPg		848	2.34	-0.1										1.0
THKV	BN	219	325	AML		848	30.92			836	0.4							
THKV	BE	219	325	AML		848	34.09			671	0.6							
SNGE	BZ	459	282	EPn		848	28.85	0.0										0.8

**June 15 2007 Hour: 13:37 41.0 Lat: 30.19N Lon: 57.48E Depth: 16F Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	73	252	EPg		1337	53.61	-0.3							1.0
KRBR	BN	73	252	ESg		1338	2.80	-0.5							1.0
KRBR	BN	73	252	AML		1338	3.65			6048	0.5				
KRBR	BE	73	252	AML		1338	7.07			2877	0.6				
ZHSF	BZ	325	101	EPn		1338	28.30	-0.7							0.9
ZHSF	BN	325	101	AML		1339	19.69			155	0.6				
BNDS	BZ	335	203	EPn		1338	31.41	1.2							0.9
BNDS	BN	335	203	AML		1339	17.90			221	0.6				
GHIR	BZ	485	245	EPn		1338	48.73	-0.1							0.8
NASN	BZ	530	304	EPn		1338	54.99	0.4							0.8
NASN	BN	530	304	ESg		1340	9.00	0.3							0.8

**June 17 2007 Hour: 10:38 13.3 Lat: 27.05N Lon: 52.97E Depth: 24 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
GHIR	BZ	137	1	EPg		1038	35.95	0.1							1.0
GHIR	BE	137	1	ESg		1038	52.29	-0.1							1.0
GHIR	BN	137	1	AML		1038	55.00			431	0.5				
GHIR	BE	137	1	AML		1038	58.89			612	0.8				
BNDS	BZ	319	82	EPn		1038	59.66	-0.2							0.9
BNDS	BN	319	82	AML		1039	52.99			128	0.5				
KRBR	BZ	493	48	EPn		1039	21.84	0.3							0.8
KRBR	BN	493	48	AML		1040	20.74			35	0.7				
NASN	BZ	638	359	EPn		1039	39.43	-0.1							0.7

**June 17 2007 Hour: 17:49 48.8 Lat: 27.91N Lon: 54.45E Depth: 14 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
GHIR	BZ	149	286	EPg		1750	13.74	0.0							1.0
GHIR	BN	149	286	AML		1750	40.67			275	0.6				
GHIR	BE	149	286	AML		1750	41.38			321	0.5				
BNDS	BZ	179	108	EPg		1750	18.48	0.0							1.0
KRBR	BZ	321	44	EPn		1750	36.78	0.1							0.9
KRBR	BN	321	44	ESg		1751	19.35	0.0							0.9
KRBR	BE	321	44	AML		1751	21.67			43	0.4				
KRBR	BN	321	44	AML		1751	28.69			41	0.6				
NASN	BZ	564	344	EPn		1751	6.82	-0.1							0.8

**June 17 2007 Hour: 19: 1 58.2 Lat: 36.39N Lon: 54.44E Depth: 16 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
MRVT	BZ	203	46	EPg		19 2	31.55	0.0							1.0
MRVT	BN	203	46	ESg		19 2	55.90	0.0							1.0
MRVT	BN	203	46	AML		19 2	58.65			37	0.4				
DAMV	BZ	238	250	EPg		19 2	37.27	0.0							1.0
DAMV	BE	238	250	ESg		19 3	5.85	0.0							1.0
DAMV	BN	238	250	AML		19 3	10.45			63	0.5				
DAMV	BE	238	250	AML		19 3	11.17			72	0.5				
CHTH	BZ	303	261	EPn		19 2	43.59	0.0							1.0
THKV	BZ	325	262	EPn		19 2	46.24	0.0							0.9
THKV	BE	325	262	AML		19 3	30.29			40	0.6				
THKV	BN	325	262	AML		19 3	33.18			38	0.5				

**June 17 2007 Hour: 20:17 51.1 Lat: 31.85N Lon: 49.39E Depth: 44 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
SHGR	BZ	62	297	EPg		2018	3.34	0.0							1.0
SHGR	BE	62	297	ESg		2018	12.38	0.0							1.0
ASAO	BZ	305	11	EPn		2018	34.00	-0.1							1.0
ASAO	BN	305	11	ESg		2019	15.22	0.0							1.0
GHVR	BZ	339	30	EPn		2018	38.16	0.0							0.9
GHVR	BN	339	30	AML		2019	36.47			26	0.8				
GHVR	BE	339	30	AML		2019	38.47			12	0.9				
NASN	BZ	339	71	EPn		2018	38.36	0.0							0.9
GHVR	BN	339	30	ESg		2019	24.13	0.0							0.9
SNGE	BZ	406	333	EPn		2018	46.66	0.0							0.9
SNGE	BE	406	333	AML		2019	34.79			8	0.2				

**June 18 2007 Hour: 4:59 24.8 Lat: 28.33N Lon: 52.66E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	32	100	EPg		459	30.83	-0.2							1.0
GHIR	BN	32	100	ESg		459	34.94	-0.7							1.0
BNDS	BZ	361	106	EP		5 0	18.20	0.9							0.9
BNDS	BN	361	106	AML		5 1	27.95			150	0.5				
KRBR	BZ	438	64	EPn		5 0	27.86	0.8							0.9
KRBR	BE	438	64	AML		5 1	34.14			120	1.0				
KRBR	BN	438	64	AML		5 1	43.11			118	0.5				
NASN	BZ	495	2	EPn		5 0	33.73	-0.4							0.8
NASN	BZ	495	2	EPg		5 0	45.41	0.7							0.8
GHVR	BZ	695	349	EPn		5 0	58.29	-0.4							0.7
ASAO	BZ	733	341	EPn		5 1	3.27	-0.4							0.6
SNGE	BZ	903	327	EPn		5 1	23.98	-0.7							0.5

**June 18 2007 Hour: 14:29 49.4 Lat: 34.51N Lon: 50.84E Depth: 17 Agency: INS Local**  
**Magnitudes: 5.6ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	37	96	EPg		1429	56.78	0.2							1.0
GHVR	BN	37	96	AML		1430	6.47			486000	0.7				
ASAO	BZ	75	273	EPg		1430	2.65	0.0							1.0
ASAO	BN	75	273	AML		1430	13.74			334000	0.5				
ASAO	BE	75	273	AML		1430	14.55			225000	0.4				
THKV	BZ	155	1	EPg		1430	15.37	0.0							1.0
THKV	BN	155	1	AML		1430	48.42			72880	0.6				
CHTH	BZ	157	9	EPg		1430	15.21	-0.4							1.0
DAMV	BZ	161	39	EPg		1430	16.05	-0.2							1.0
DAMV	BE	161	39	AML		1430	40.49			228000	0.6				
DAMV	BN	161	39	AML		1430	40.61			125000	0.5				
NASN	BZ	264	136	EPn		1430	30.24	0.4							1.0
NASN	BE	264	136	ESg		1431	4.33	0.2							1.0
GRMI	BZ	545	332	EPn		1431	5.46	0.9							0.8
GHIR	BZ	720	163	EPn		1431	25.11	-1.2							0.7
KRBR	BZ	750	130	EPn		1431	30.42	0.1							0.6
KRBR	BN	750	130	AML		1433	47.97			989	0.7				
KRBR	BE	750	130	AML		1434	3.70			666	0.8				
BNDS	BZ	938	146	EPn		1431	51.91	-1.6							0.5
ZHSF	BZ	1083	117	EPn		1432	11.52	0.0							0.4

**June 18 2007 Hour: 14:51 51.8 Lat: 34.56N Lon: 50.82E Depth: 17 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	40	102	EPg		1451	59.09	-0.2							1.0
GHVR	BN	40	102	ESg		1452	4.99	0.2							1.0
GHVR	BN	40	102	AML		1452	5.76			5290	0.1				
GHVR	BE	40	102	AML		1452	6.45			5818	0.2				
ASAO	BZ	73	270	EPg		1452	4.60	-0.1							1.0

ASAO	BN	73	270	ESg		1452	14.13	0.0							1.0
ASAO	BN	73	270	AML		1452	14.71		883	0.4					
THKV	BZ	151	2	EPg		1452	17.54	0.6							1.0
THKV	BN	151	2	AML		1452	41.49		281	0.3					
THKV	BE	151	2	AML		1452	45.14		273	0.4					
CHTH	BZ	153	10	EPg		1452	17.20	-0.1							1.0
DAMV	BZ	159	41	EPg		1452	17.67	-0.5							1.0
DAMV	BE	159	41	AML		1452	42.05		728	0.2					
DAMV	BZ	159	41	AML		1452	43.28		299	0.3					
NASN	BZ	268	136	EPn		1452	32.75	0.1							1.0

**June 18 2007 Hour: 18:21 13.1 Lat: 34.55N Lon: 50.83E Depth: 17 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
GHVR	BZ	39	101	EPg		1821	20.56	0.1							1.0
GHVR	BE	39	101	AML		1821	27.29		608	0.2					
GHVR	BN	39	101	AML		1821	27.59		773	0.1					
ASAO	BZ	74	270	EPg		1821	25.98	-0.2							1.0
ASAO	BE	74	270	ESg		1821	35.83	0.1							1.0
ASAO	BE	74	270	AML		1821	36.92		83	0.7					
THKV	BZ	152	2	EPg		1821	38.81	0.3							1.0
CHTH	BZ	153	10	EPg		1821	38.57	-0.2							1.0
DAMV	BZ	159	40	EPg		1821	39.41	-0.2							1.0
DAMV	BE	159	40	AML		1822	3.05		134	0.2					
DAMV	BN	159	40	AML		1822	3.43		144	0.4					
NASN	BZ	267	136	EPn		1821	53.96	0.0							1.0

**June 18 2007 Hour: 20:21 44.0 Lat: 34.58N Lon: 50.77E Depth: 15F 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
GHVR	BZ	45	104	EPg		2021	52.16	-0.1							1.0
GHVR	BE	45	104	AML		2021	59.49		1192	0.2					
GHVR	BN	45	104	AML		2021	59.50		1519	0.2					
ASAO	BZ	68	268	EPg		2021	56.61	0.5							1.0
THKV	BZ	149	4	EPg		2022	9.29	0.4							1.0
THKV	BE	149	4	AML		2022	32.72		247	0.3					
THKV	BN	149	4	AML		2022	33.27		199	0.2					
CHTH	BZ	151	12	EPg		2022	9.28	0.0							1.0
CHTH	BE	151	12	AML		2022	32.19		218	0.4					
CHTH	BN	151	12	AML		2022	32.81		146	0.2					
DAMV	BZ	160	43	EPg		2022	10.39	-0.3							1.0
DAMV	BN	160	43	AML		2022	30.88		325	0.3					
DAMV	BE	160	43	AML		2022	31.63		381	0.1					
NASN	BZ	273	136	EPn		2022	26.01	0.2							1.0
SNGE	BZ	318	281	EPg		2022	34.92	-0.8							0.9

**June 18 2007 Hour: 20:25 48.5 Lat: 34.57N Lon: 50.79E Depth: 15 Agency: INS Local**  
**Magnitudes: 2.8ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	43	103	EPg		2025	56.39	-0.1							1.0
GHVR	BN	43	103	AML		2026	3.78		819	0.2					
GHVR	BE	43	103	AML		2026	3.87		763	0.2					
ASAO	BZ	70	269	EPg		2026	0.77	-0.2							1.0
ASAO	BN	70	269	ESg		2026	9.97	0.0							1.0
THKV	BZ	150	3	EPg		2026	14.28	0.7							1.0
THKV	BN	150	3	AML		2026	33.75		114	0.4					
CHTH	BZ	152	11	EPg		2026	13.63	-0.3							1.0
DAMV	BZ	160	42	EPg		2026	14.69	-0.5							1.0
DAMV	BE	160	42	AML		2026	35.65		241	0.1					
NASN	BZ	271	136	EPn		2026	30.35	0.3							1.0

**June 19 2007 Hour: 1:12 13.7 Lat: 34.56N Lon: 50.81E Depth: 15 Agency: INS Local**  
**Magnitudes: 2.4ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	41	102	EPg		112	21.64	0.4							1.0
ASAO	BZ	72	270	EPg		112	25.97	-0.4							1.0
ASAO	BN	72	270	ESg		112	35.86	0.2							1.0
THKV	BZ	151	2	EPg		112	38.80	-0.1							1.0
THKV	BN	151	2	ESg		112	57.99	0.7							1.0
THKV	BN	151	2	AML		112	59.84			45	0.2				
THKV	BE	151	2	AML		113	2.01			49	0.2				
CHTH	BZ	153	11	EPg		112	38.68	-0.5							1.0
DAMV	BZ	159	41	EPg		112	39.62	-0.6							1.0
DAMV	BN	159	41	ESg		112	59.65	0.0							1.0
DAMV	BN	159	41	AML		113	0.32			65	0.1				
DAMV	BE	159	41	AML		113	0.58			83	0.1				
NASN	BZ	269	136	EPn		112	55.22	0.3							1.0

**June 19 2007 Hour: 1:56 50.0 Lat: 34.55N Lon: 50.81E Depth: 26 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
GHVR	BZ	41	101	EPg		156	57.92	-0.3							1.0
GHVR	BE	41	101	ESg		157	4.62	0.4							1.0
ASAO	BZ	72	270	EPg		157	2.81	0.0							1.0
THKV	BZ	151	3	EPg		157	14.92	0.1							1.0
THKV	BN	151	3	AML		157	35.50			48	0.1				
CHTH	BZ	153	11	EPg		157	15.18	0.0							1.0
DAMV	BZ	160	41	EPg		157	16.04	-0.2							1.0
DAMV	BN	160	41	AML		157	36.62			93	0.2				
DAMV	BE	160	41	AML		157	37.12			167	0.1				
NASN	BZ	269	136	EPn		157	30.58	0.3							1.0
NASN	BN	269	136	ESg		158	4.24	-0.3							1.0

**June 19 2007 Hour: 7:58 29.4 Lat: 34.80N Lon: 52.73E 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
DAMV	BZ	115	323	EPg		758	49.10	0.1							1.0
DAMV	BE	115	323	ESg		759	3.33	0.0							1.0
GHVR	BZ	141	256	EPg		758	52.81	-0.1							1.0
CHTH	BZ	191	311	EPg		759	0.65	-0.3							1.0
CHTH	BN	191	311	AML		759	32.72			52	0.4				
THKV	BZ	209	307	EPg		759	4.05	0.2							1.0
THKV	BN	209	307	AML		759	36.47			75	0.5				
NASN	BZ	222	178	EPg		759	5.92	0.0							1.0
NASN	BN	222	178	AML		759	34.30			108	0.3				
ASAO	BZ	250	264	EPn		759	8.44	0.1							1.0
ASAO	BE	250	264	AML		759	39.54			43	0.6				

**June 19 2007 Hour: 14:19 27.7 Lat: 34.54N Lon: 50.84E 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
GHVR	BZ	37	100	EPg		1419	35.07	0.2							1.0
GHVR	BE	37	100	AML		1419	41.88			1426	0.1				
ASAO	BZ	75	271	EPg		1419	40.78	-0.2							1.0
ASAO	BE	75	271	ESg		1419	50.57	0.0							1.0
THKV	BZ	153	1	EPg		1419	53.51	0.3							1.0
CHTH	BZ	154	10	EPg		1419	53.34	-0.1							1.0
DAMV	BZ	159	40	EPg		1419	53.86	-0.3							1.0
DAMV	BN	159	40	AML		1420	17.29			205	0.4				
DAMV	BE	159	40	AML		1420	17.93			220	0.2				
NASN	BZ	265	136	EPn		1420	8.57	-0.1							1.0
SNGE	BZ	326	282	EPn		1420	16.21	0.2							0.9

**June 19 2007 Hour: 15: 3 34.1 Lat: 34.54N Lon: 50.87E Depth: 14 Agency: INS Local**  
**Magnitudes: 4.3ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	35	100	EPg		15	3	41.16							1.0
GHVR	BE	35	100	AML		15	3	48.28		27941	0.5				
GHVR	BN	35	100	AML		15	3	48.73		21271	0.3				
ASAO	BZ	77	271	EPg		15	3	47.30	-0.3						1.0
ASAO	BN	77	271	ESg		15	3	57.49	0.0						1.0
ASAO	BE	77	271	AML		15	3	58.72		5128	0.4				
THKV	BZ	153	0	EPg		15	3	59.89	0.3						1.0
THKV	BE	153	0	AML		15	4	20.62		4400	0.3				
THKV	BN	153	0	AML		15	4	20.63		8119	0.5				
CHTH	BZ	154	9	EPg		15	3	59.68	-0.1						1.0
CHTH	BN	154	9	AML		15	4	19.82		3035	0.2				
DAMV	BZ	158	39	EPg		15	3	59.99	-0.4						1.0
DAMV	BN	158	39	AML		15	4	23.43		8704	0.6				
DAMV	BE	158	39	AML		15	4	23.83		6856	0.1				
NASN	BZ	264	136	EPn		15	4	14.67	-0.2						1.0
SNGE	BZ	328	282	EPn		15	4	23.03	0.3						0.9

**June 19 2007 Hour: 15:58 39.2 Lat: 35.60N Lon: 51.83E Depth: 15F Agency: INS Local**  
**Magnitudes: 2.6ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DAMV	BZ	14	74	EPg		1558	42.98	-0.1							1.0
DAMV	BE	14	74	AML		1558	45.41			1640	0.1				
DAMV	BN	14	74	AML		1558	45.41			2663	0.2				
CHTH	BZ	72	299	EPg		1558	52.47	0.5							1.0
CHTH	BN	72	299	ESg		1559	0.95	-0.3							1.0
THKV	BZ	93	293	EPg		1558	55.30	0.1							1.0
THKV	BN	93	293	AML		1559	9.97			91	0.4				
ASAO	BZ	201	235	EPg		1559	12.38	-0.1							1.0

**June 19 2007 Hour: 19: 9 11.5 Lat: 34.59N Lon: 50.79E 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	44	106	EPg		19	9	19.53	-0.1						1.0
GHVR	BN	44	106	AML		19	9	26.81		661	0.1				
ASAO	BZ	70	266	EPg		19	9	23.91	0.0						1.0
THKV	BZ	147	3	EPg		19	9	35.94	-0.1						1.0
CHTH	BZ	149	12	EPg		19	9	36.43	0.0						1.0
DAMV	BZ	158	43	EPg		19	9	38.06	0.2						1.0
DAMV	BN	158	43	AML		19	9	58.16		170	0.2				
DAMV	BE	158	43	AML		19	9	58.39		181	0.2				
NASN	BZ	273	136	EPn		19	9	53.45	0.0						1.0

**June 19 2007 Hour: 19:12 54.4 Lat: 34.52N Lon: 50.81E Depth: 35 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
GHVR	BZ	40	96	EPg		1913	3.08	-0.2							1.0
GHVR	BN	40	96	ESg		1913	9.81	0.1							1.0
GHVR	BN	40	96	AML		1913	10.55			287	0.2				
ASAO	BZ	72	273	EPg		1913	7.74	0.0							1.0
CHTH	BZ	157	10	EPg		1913	20.20	-0.1							1.0
DAMV	BZ	162	40	EPg		1913	21.31	0.2							1.0
DAMV	BE	162	40	ESg		1913	40.60	-0.1							1.0
DAMV	BN	162	40	AML		1913	41.85			68	0.2				
DAMV	BE	162	40	AML		1913	41.92			77	0.2				

**June 19 2007 Hour: 20:37 59.8 Lat: 27.04N Lon: 54.44E Depth: 31 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	176	76	EPg		2038	28.65	0.2							1.0
BNDS	BN	176	76	ESg		2038	49.33	-0.1							1.0
BNDS	BN	176	76	AML		2038	54.98			458	0.3				
GHIR	BZ	199	314	EPg		2038	31.90	-0.2							1.0
GHIR	BN	199	314	ESg		2038	55.69	0.1							1.0
GHIR	BN	199	314	AML		2038	57.69			1038	0.5				
GHIR	BE	199	314	AML		2038	58.33			950	0.6				
KRBR	BZ	398	34	EPn		2038	55.57	0.0							0.9
KRBR	BN	398	34	AML		2039	53.57			82	0.8				

**June 19 2007 Hour: 21:20 45.5 Lat: 34.52N Lon: 50.81E Depth: 31 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
GHVR	BZ	40	96	EPg		2120	53.85	-0.2							1.0
GHVR	BN	40	96	ESg		2121	0.46	0.1							1.0
GHVR	BE	40	96	AML		2121	0.73			579	0.2				
GHVR	BN	40	96	AML		2121	1.08			742	0.1				
ASAO	BZ	72	273	EPg		2120	58.53	-0.1							1.0
ASAO	BE	72	273	ESg		2121	8.19	0.1							1.0
CHTH	BZ	157	11	EPg		2121	11.35	0.0							1.0
CHTH	BN	157	11	ESg		2121	30.18	-0.1							1.0
DAMV	BZ	163	40	EPg		2121	12.54	0.3							1.0
DAMV	BN	163	40	AML		2121	32.90			99	0.3				
DAMV	BE	163	40	AML		2121	33.25			172	0.2				

**June 19 2007 Hour: 23: 5 34.2 Lat: 34.80N Lon: 52.76E 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
DAMV	BZ	117	323	EPg		23 5	54.27	0.2							1.0
DAMV	BE	117	323	AML		23 6	10.37			392	0.4				
GHVR	BZ	143	256	EPg		23 5	58.02	0.0							1.0
GHVR	BE	143	256	AML		23 6	16.12			198	0.9				
CHTH	BZ	193	310	EPg		23 6	5.75	-0.3							1.0
CHTH	BN	193	310	AML		23 6	38.61			204	0.4				
THKV	BZ	211	307	EPg		23 6	8.93	0.0							1.0
THKV	BE	211	307	AML		23 6	45.09			210	0.5				
THKV	BN	211	307	AML		23 6	46.35			261	0.2				
NASN	BZ	222	179	EPg		23 6	10.59	-0.1							1.0
NASN	BN	222	179	ESg		23 6	37.35	0.0							1.0
NASN	BN	222	179	AML		23 6	39.75			270	0.6				
NASN	BE	222	179	AML		23 6	40.53			338	0.8				
ASAO	BZ	252	264	EPn		23 6	13.51	0.1							1.0
ASAO	BE	252	264	AML		23 6	45.70			127	0.6				

**June 20 2007 Hour: 1:38 14.3 Lat: 34.59N Lon: 50.82E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.8ML INS Rms: 0.6 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	41	107	EPg		138	22.09	0.2							1.0
GHVR	BN	41	107	AML		138	29.56			8403	0.3				
GHVR	BE	41	107	AML		138	29.61			9834	0.3				
ASAO	BZ	73	267	EPg		138	26.71	-0.5							1.0
ASAO	BN	73	267	ESg		138	36.08	-0.5							1.0
THKV	BZ	148	2	EPg		138	39.11	0.2							1.0
THKV	BE	148	2	AML		139	2.57			1304	0.4				
THKV	BN	148	2	AML		139	2.66			1117	0.3				
CHTH	BZ	149	11	EPg		138	39.11	-0.1							1.0
DAMV	BZ	156	42	EPg		138	39.99	-0.4							1.0
DAMV	BE	156	42	AML		139	3.66			2871	0.5				
DAMV	BN	156	42	AML		139	3.77			2354	0.4				
NASN	BZ	271	137	EPn		138	55.63	-0.2							1.0

NASN	BN	271	137	AML	139	29.64			283	0.2					
SNGE	BZ	323	281	EPn	139	3.79	1.6								0.9
SHGR	BN	333	215	AML	139	58.51			270	0.8					
GRMI	BZ	537	332	EPn	139	28.40	-0.3								0.8

**June 20 2007 Hour: 8:25 4.4 Lat: 34.61N Lon: 50.80E Depth: 16 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
GHVR	BZ	43	109	EPg		825	12.26	-0.2							1.0
GHVR	BN	43	109	ESg		825	18.59	0.2							1.0
GHVR	BN	43	109	AML		825	19.07			1358	0.1				
GHVR	BE	43	109	AML		825	19.07			1344	0.1				
ASAO	BZ	71	265	EPg		825	16.94	0.0							1.0
THKV	BZ	146	3	EPg		825	29.04	0.3							1.0
CHTH	BZ	148	12	EPg		825	29.08	0.0							1.0
DAMV	BZ	156	43	EPg		825	30.25	-0.2							1.0
DAMV	BN	156	43	ESg		825	49.43	0.0							1.0
DAMV	BN	156	43	AML		825	53.42			284	0.4				
DAMV	BE	156	43	AML		825	53.53			367	0.3				
NASN	BZ	274	137	EPn		825	46.18	0.0							1.0

**June 20 2007 Hour: 9:22 32.2 Lat: 31.25N Lon: 50.08E Depth: 40 Agency: INS Local**  
**Magnitudes: 3.8ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHGR	BZ	154	308	EPg		922	57.08	-0.6							1.0
SHGR	BN	154	308	ESg		923	16.70	0.5							1.0
SHGR	BN	154	308	AML		923	21.02			1776	0.3				
NASN	BZ	309	56	EPn		923	15.79	-0.4							1.0
ASAO	BZ	366	359	EPn		923	23.46	0.3							0.9
ASAO	BN	366	359	AML		924	18.63			177	0.7				
GHVR	BZ	374	17	EPn		923	24.46	0.4							0.9
GHVR	BN	374	17	AML		924	24.36			158	0.9				
GHIR	BZ	432	139	EPn		923	31.72	0.5							0.9
GHIR	BN	432	139	AML		924	42.85			130	0.6				
SNGE	BZ	497	330	EPn		923	38.48	-0.9							0.8
DAMV	BZ	516	19	EPn		923	41.92	0.1							0.8
CHTH	BZ	525	10	EPn		923	43.18	0.2							0.8
KRBR	BZ	655	101	EPn		923	58.98	-0.2							0.7
BNDS	BZ	729	124	EPn		924	8.23	0.1							0.6

**June 20 2007 Hour: 19:56 50.2 Lat: 34.60N Lon: 50.79E Depth: 17 Agency: INS Local**  
**Magnitudes: 2.9ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	44	107	EPg		1956	57.97	-0.4							1.0
GHVR	BN	44	107	ESg		1957	4.70	0.3							1.0
GHVR	BE	44	107	AML		1957	5.01			738	0.2				
GHVR	BN	44	107	AML		1957	5.30			1154	0.2				
ASAO	BZ	70	266	EPg		1957	2.50	-0.2							1.0
ASAO	BN	70	266	ESg		1957	11.85	0.1							1.0
THKV	BZ	147	3	EPg		1957	14.90	0.2							1.0
CHTH	BZ	149	12	EPg		1957	15.32	0.2							1.0
CHTH	BE	149	12	ESg		1957	33.19	-0.1							1.0
DAMV	BZ	157	43	EPg		1957	16.30	-0.2							1.0
DAMV	BN	157	43	AML		1957	37.14			144	0.3				
DAMV	BE	157	43	AML		1957	37.63			209	0.2				
NASN	BZ	273	136	EPn		1957	31.93	0.1							1.0

**June 21 2007 Hour: 7:31 45.0 Lat: 34.58N Lon: 50.81E 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
GHVR	BZ	41	106	EPg		731	52.73	0.0							1.0
GHVR	BN	41	106	AML		731	59.62			964	0.1				
GHVR	BE	41	106	AML		731	59.69			1056	0.2				
ASAO	BZ	72	267	EPg		731	57.67	-0.1							1.0

ASAO	BN	72	267	ESg	732	7.02	0.0								1.0
THKV	BZ	148	2	EPg	732	9.99	0.3								1.0
THKV	BN	148	2	AML	732	31.02			170	0.2					
CHTH	BZ	150	11	EPg	732	9.93	-0.1								1.0
DAMV	BZ	157	42	EPg	732	10.90	-0.3								1.0
DAMV	BN	157	42	AML	732	31.49			280	0.2					
DAMV	BE	157	42	AML	732	34.65			356	0.3					
NASN	BZ	271	136	EPn	732	26.69	0.0								1.0

**June 21 2007 Hour: 7:52 11.3 Lat: 37.47N Lon: 54.49E Depth: 17 Agency: INS Local**  
**Magnitudes: 3.3ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MRVT	BZ	143	81	EPg		752	35.09	0.0							1.0
MRVT	BN	143	81	AML		752	53.98			520	0.4				
MRVT	BE	143	81	AML		752	54.94			638	0.2				
DAMV	BZ	305	229	EPn		752	56.66	0.0							1.0
DAMV	BE	305	229	ESg		753	37.13	0.0							1.0
DAMV	BE	305	229	AML		753	40.51			82	0.2				
CHTH	BZ	347	241	EPn		753	2.02	0.0							0.9
THKV	BZ	366	243	EPn		753	4.25	0.0							0.9
GRMI	BZ	597	286	EPn		753	32.86	0.0							0.7

**June 21 2007 Hour: 10:22 43.6 Lat: 34.58N Lon: 50.79E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.5ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	43	106	EPg		1022	51.62	0.0							1.0
ASAO	BZ	71	267	EPg		1022	55.97	-0.1							1.0
THKV	BZ	148	3	EPg		1023	8.67	0.3							1.0
CHTH	BZ	150	12	EPg		1023	8.72	0.0							1.0
CHTH	BE	150	12	AML		1023	31.68			620	0.3				
DAMV	BZ	158	42	EPg		1023	9.65	-0.3							1.0
DAMV	BN	158	42	AML		1023	33.17			594	0.3				
DAMV	BE	158	42	AML		1023	33.23			823	0.7				
NASN	BZ	272	136	EPn		1023	25.58	0.1							1.0

**June 21 2007 Hour: 10:24 20.5 Lat: 34.51N Lon: 50.81E Depth: 31 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
GHVR	BZ	41	95	EPg		1024	29.01	0.0							1.0
GHVR	BE	41	95	AML		1024	36.14			540	0.5				
ASAO	BZ	72	273	EPg		1024	33.48	0.0							1.0
ASAO	BE	72	273	ESg		1024	43.01	0.0							1.0
CHTH	BZ	157	11	EPg		1024	46.31	-0.1							1.0
CHTH	BE	157	11	ESg		1025	5.32	0.0							1.0
DAMV	BZ	163	40	EPg		1024	47.36	0.1							1.0
DAMV	BN	163	40	AML		1025	7.92			117	0.2				
DAMV	BE	163	40	AML		1025	8.19			154	0.1				

**June 22 2007 Hour: 10:54 0.3 Lat: 28.52N Lon: 57.29E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	165	222	EPg		1054	27.61	-0.1							1.0
BNDS	BN	165	222	AML		1054	51.69			867	0.6				
KRBR	BZ	170	343	EPg		1054	28.48	-0.1							1.0
KRBR	BN	170	343	ESg		1054	49.33	0.0							1.0
KRBR	BN	170	343	AML		1054	52.31			749	0.2				
KRBR	BE	170	343	AML		1054	52.68			618	0.4				
ZHSF	BZ	361	70	EPn		1054	52.93	0.0							0.9
GHIR	BZ	422	268	EPn		1055	0.67	0.2							0.9
GHIR	BN	422	268	AML		1055	50.73			92	0.4				



**June 22 2007 Hour: 11: 8 58.2 Lat: 35.88N Lon: 53.03E Depth: 15F 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
DAMV	BZ	100	254	EPg		11	9	14.66							1.0
CHTH	BZ	172	272	EPg		11	9	26.44							1.0
THKV	BZ	194	272	EPg		11	9	30.34							1.0
THKV	BN	194	272	ESg		11	9	53.95							1.0
THKV	BE	194	272	AML		11	9	58.68		129	0.6				
GHVR	BZ	225	227	EPg		11	9	35.10							1.0
GHVR	BE	225	227	ESg		1110		1.85							1.0
GHVR	BE	225	227	AML		1110		9.22		113	0.6				
ASAO	BZ	311	242	EPn		11	9	45.33							1.0
ASAO	BN	311	242	AML		1110		25.76		43	0.5				
ASAO	BE	311	242	AML		1110		26.90		26	0.5				

**June 22 2007 Hour: 17:31 53.8 Lat: 34.59N Lon: 50.80E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.5ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	43	107	EPg		1732		1.71							1.0
GHVR	BE	43	107	AML		1732		8.78		2996	0.3				
GHVR	BN	43	107	AML		1732		8.99		3979	0.2				
ASAO	BZ	71	266	EPg		1732		6.11							1.0
ASAO	BE	71	266	ESg		1732		15.48							1.0
THKV	BZ	147	3	EPg		1732		18.69							1.0
CHTH	BZ	149	11	EPg		1732		18.61							1.0
DAMV	BZ	157	43	EPg		1732		19.76							1.0
DAMV	BN	157	43	ESg		1732		39.01							1.0
DAMV	BN	157	43	AML		1732		40.18		791	0.3				
DAMV	BE	157	43	AML		1732		43.23		1418	0.4				
NASN	BZ	272	136	EPn		1732		35.72							1.0

**June 22 2007 Hour: 18:49 22.4 Lat: 36.49N Lon: 52.88E Depth: 15F 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
DAMV	BZ	125	221	EPg		1849		43.67							1.0
DAMV	BE	125	221	ESg		1849		58.97							1.0
DAMV	BE	125	221	AML		1850		0.27		137	0.3				
CHTH	BZ	170	248	EPg		1849		50.20							1.0
THKV	BZ	191	251	EPg		1849		54.07							1.0
THKV	BN	191	251	ESg		1850		16.93							1.0
THKV	BN	191	251	AML		1850		19.33		76	0.3				
THKV	BE	191	251	AML		1850		19.50		99	0.4				
MRVT	BZ	314	65	EPn		1850		9.00							1.0
MRVT	BE	314	65	AML		1850		46.94		22	0.2				

**June 22 2007 Hour: 22: 7 33.4 Lat: 27.80N Lon: 57.01E Depth: 14 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
BNDS	BZ	95	242	EPg		22	7	49.67							1.0
BNDS	BN	95	242	ESg		22	8	1.41							1.0
BNDS	BN	95	242	AML		22	8	7.36		378	0.7				
KRBR	BZ	243	354	EPg		22	8	13.23							1.0
KRBR	BE	243	354	ESg		22	8	42.41							1.0
KRBR	BN	243	354	AML		22	8	45.39		125	0.6				
KRBR	BE	243	354	AML		22	8	46.52		148	0.6				
GHIR	BZ	400	279	EPn		22	8	30.90							0.9
GHIR	BE	400	279	AML		22	9	33.41		20	0.6				
GHIR	BN	400	279	AML		22	9	43.76		22	0.6				

**June 23 2007 Hour: 11:52 3.4 Lat: 28.42N Lon: 56.56E Depth: 7F 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
BNDS	BZ	119	199	EPg		1152	23.84	-0.3							1.0
BNDS	BN	119	199	ESg		1152	39.37	0.1							1.0
BNDS	BN	119	199	AML		1152	44.40			1352	0.4				
KRBR	BZ	175	6	EPg		1152	33.48	-0.1							1.0
KRBR	BN	175	6	AML		1153	8.93			365	0.4				
KRBR	BE	175	6	AML		1153	9.31			383	0.4				
GHIR	BZ	351	268	EPn		1152	55.74	0.2							0.9
ZHSF	BZ	431	71	EPn		1153	5.80	0.2							0.9

**June 23 2007 Hour: 12:27 50.4 Lat: 27.77N Lon: 55.44E Depth: 15 Agency: INS Local**  
**Magnitudes: 3.4ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	83	120	EPg		1228	4.80	0.0							1.0
BNDS	BN	83	120	AML		1228	20.84			1636	0.3				
GHIR	BZ	248	284	EPg		1228	30.98	0.0							1.0
GHIR	BN	248	284	AML		1229	14.70			240	0.3				
KRBR	BZ	277	27	EPn		1228	32.69	0.0							1.0
KRBR	BN	277	27	AML		1229	9.35			122	0.5				

**June 23 2007 Hour: 14:18 11.9 Lat: 34.53N Lon: 50.85E Depth: 19 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
GHVR	BZ	37	99	EPg		1418	19.14	0.0							1.0
GHVR	BE	37	99	AML		1418	26.17			493	0.4				
ASAO	BZ	75	272	EPg		1418	25.15	0.0							1.0
THKV	BZ	153	1	EPg		1418	36.84	-0.2							1.0
THKV	BN	153	1	AML		1418	58.64			127	0.5				
CHTH	BZ	155	9	EPg		1418	37.46	0.1							1.0
CHTH	BE	155	9	AML		1419	1.44			58	0.2				
DAMV	BZ	159	40	EPg		1418	38.11	0.1							1.0
DAMV	BN	159	40	AML		1419	1.50			210	0.5				
NASN	BZ	265	136	EPn		1418	52.24	0.0							1.0

**June 24 2007 Hour: 5: 2 11.4 Lat: 37.67N Lon: 46.24E Depth: 14 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
GRMI	BZ	192	48	EPg		5 2	43.11	0.0							1.0
GRMI	BN	192	48	AML		5 3	9.56			158	0.3				
GRMI	BE	192	48	AML		5 3	11.84			120	0.3				
MAKU	BZ	231	325	EPn		5 2	47.99	0.0							1.0
MAKU	BN	231	325	ESg		5 3	16.98	0.0							1.0
MAKU	BE	231	325	AML		5 3	19.90			66	0.4				
SNGE	BZ	303	160	EPn		5 2	56.83	0.0							1.0
SNGE	BN	303	160	AML		5 3	37.83			36	0.6				
SNGE	BE	303	160	AML		5 3	41.85			55	0.5				

**June 24 2007 Hour: 7:10 37.1 Lat: 27.72N Lon: 52.77E Depth: 7 Agency: INS Local**  
**Magnitudes: 4.1ML INS Rms: 0.3 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	67	19	EPg		710	48.83	-0.1							1.0
BNDS	BZ	338	95	EPn		711	27.41	-0.2							0.9
BNDS	BN	338	95	AML		712	46.88			391	0.5				
KRBR	BZ	464	56	EPn		711	43.85	0.5							0.8
KRBR	BN	464	56	AML		712	35.71			298	0.7				
KRBR	BE	464	56	AML		713	2.65			219	0.7				
NASN	BZ	564	0	EPn		711	55.98	0.2							0.8
NASN	BN	564	0	AML		712	55.29			109	0.5				
NASN	BE	564	0	AML		712	56.69			118	0.6				
GHVR	BZ	764	349	EPn		712	20.72	0.3							0.6
ASAO	BZ	801	342	EPn		712	25.40	0.1							0.6

ASAO	BN	801	342	Sn	713	44.25	0.0										0.6
ZHSF	BZ	810	73	EPn	712	26.21	-0.1										0.6
DAMV	BZ	881	355	EPn	712	34.91	-0.3										0.5
CHTH	BZ	922	351	EPn	712	39.75	-0.5										0.5
SNGE	BZ	966	329	EPn	712	45.31	-0.4										0.5
MRVT	BZ	1146	15	EPn	713	7.91	0.0										0.3

**June 24 2007 Hour: 12:55 34.9 Lat: 29.45N Lon: 52.29E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	146	152	EPg		1255	59.10	-0.1							1.0
GHIR	BE	146	152	ESg		1256	16.95	0.1							1.0
GHIR	BN	146	152	AML		1256	23.60			1377	0.5				
GHIR	BE	146	152	AML		1256	24.13			1322	0.6				
NASN	BZ	375	7	EPn		1256	29.38	0.0							0.9
NASN	BE	375	7	ESg		1257	20.06	0.0							0.9
KRBR	BZ	436	81	EPn		1256	37.09	0.0							0.9
KRBR	BN	436	81	ESg		1257	36.89	0.0							0.9
KRBR	BE	436	81	AML		1257	45.52			75	0.6				
KRBR	BN	436	81	AML		1257	51.32			116	0.6				
ASAO	BZ	605	340	EPn		1256	57.96	0.0							0.7

**June 24 2007 Hour: 23: 2 41.4 Lat: 35.17N Lon: 59.09E Depth: 15 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
MRVT	BZ	386	317	EPn		23 3	37.25	0.2							1.0
KRBR	BZ	615	201	EPn		23 4	6.74	1.0							0.8
KRBR	BE	615	201	AML		23 5	57.10			74	0.8				
ZHSF	BZ	636	165	EPn		23 4	7.55	-0.6							0.8
NASN	BZ	637	247	EPn		23 4	8.06	-0.4							0.8
NASN	BN	637	247	AML		23 6	3.01			29	0.5				
DAMV	BZ	649	277	EPn		23 4	9.94	0.1							0.8
GHVR	BZ	722	266	EPn		23 4	18.39	-0.4							0.7
CHTH	BZ	727	279	EPn		23 4	19.62	0.0							0.7
ASAO	BZ	832	268	EPn		23 4	32.32	-0.3							0.6

**June 25 2007 Hour: 10: 9 25.3 Lat: 28.07N Lon: 52.89E Depth: 16 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
GHIR	BZ	26	21	EPg		10 9	30.68	-0.1							1.0
GHIR	BN	26	21	ESg		10 9	34.90	0.1							1.0
GHIR	BE	26	21	AML		10 9	42.24			2828	0.5				
GHIR	BN	26	21	AML		10 9	44.04			3422	0.6				
BNDS	BZ	332	102	EPN5		1010	14.20	0.1							0.9
KRBR	BZ	433	60	EPn		1010	26.55	-0.2							0.9
KRBR	BN	433	60	AML		1011	36.20			64	0.5				
KRBR	BE	433	60	AML		1011	40.87			43	0.5				
NASN	BZ	525	359	EPn		1010	38.36	0.1							0.8
NASN	BN	525	359	AML		1011	37.21			17	0.6				

**June 25 2007 Hour: 14:55 20.8 Lat: 28.34N Lon: 57.29E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDS	BZ	151	227	EPg		1455	45.69	-0.3							1.0
BNDS	BN	151	227	ESg		1456	4.67	0.2							1.0
BNDS	BN	151	227	AML		1456	9.10			874	0.5				
KRBR	BZ	190	344	EPg		1455	52.22	0.1							1.0
KRBR	BE	190	344	AML		1456	25.59			666	0.3				
KRBR	BN	190	344	AML		1456	31.69			479	0.6				
ZHSF	BZ	368	67	EPn		1456	14.37	0.1							0.9
GHIR	BZ	422	270	EPn		1456	20.90	-0.1							0.9

**June 25 2007 Hour: 22:52 19.5 Lat: 28.06N Lon: 52.97E Depth: 14 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
GHIR	BZ	25	4	EPg		2252	24.70	0.0							1.0
GHIR	BN	25	4	ESg		2252	28.56	0.0							1.0
GHIR	BE	25	4	AML		2252	36.00			1866	0.5				
GHIR	BN	25	4	AML		2252	37.53			1898	0.5				
BNDS	BZ	324	102	EPn		2253	7.57	0.0							0.9
BNDS	BN	324	102	ESg		2253	50.50	0.0							0.9
BNDS	BN	324	102	AML		2254	6.75			37	0.6				
KRBR	BZ	426	59	EPn		2253	20.41	0.0							0.9
KRBR	BN	426	59	AML		2254	29.87			32	0.6				
KRBR	BE	426	59	AML		2254	32.31			20	0.8				

**June 25 2007 Hour: 23: 5 47.9 Lat: 35.30N Lon: 52.33E Depth: 6 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	49	319	EPg		23 5	56.96	0.1							1.0
DAMV	BE	49	319	AML		23 6	4.98			603	0.4				
CHTH	BZ	128	302	EPg		23 6	10.03	-0.3							1.0
CHTH	BE	128	302	ESg		23 6	26.66	0.0							1.0
GHVR	BZ	134	228	EPg		23 6	11.19	0.0							1.0
GHVR	BE	134	228	AML		23 6	34.13			173	0.4				
THKV	BZ	148	298	EPg		23 6	13.77	0.1							1.0
THKV	BN	148	298	AML		23 6	35.45			185	0.4				
THKV	BE	148	298	AML		23 6	35.54			134	0.4				
NASN	BZ	281	171	EPn		23 6	31.73	0.0							1.0

**June 26 2007 Hour: 20:48 59.0 Lat: 28.23N Lon: 57.51E 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
BNDS	BZ	161	235	EPg		2049	25.69	0.0							1.0
BNDS	BN	161	235	ESg		2049	45.07	-0.1							1.0
BNDS	BN	161	235	AML		2049	49.26			654	0.4				
KRBR	BZ	207	340	EPg		2049	33.05	-0.1							1.0
KRBR	BE	207	340	ESg		2049	58.18	0.0							1.0
KRBR	BE	207	340	AML		2050	5.79			387	0.2				
KRBR	BN	207	340	AML		2050	6.42			243	0.3				
GHIR	BZ	444	272	EPn		2050	2.00	0.2							0.9
GHIR	BN	444	272	AML		2050	51.46			38	0.4				

**June 26 2007 Hour: 21:17 37.3 Lat: 29.68N Lon: 51.53E 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
GHIR	BZ	210	137	EPg		2118	11.78	0.0							1.0
GHIR	BN	210	137	AML		2118	47.22			689	0.5				
GHIR	BE	210	137	AML		2118	47.72			692	0.5				
NASN	BZ	367	19	EPn		2118	30.76	-0.1							0.9
SHGR	BZ	375	317	EPn		2118	31.47	0.0							0.9
SHGR	BN	375	317	AML		2119	35.65			198	0.6				
KRBR	BZ	507	85	EPn		2118	48.33	0.1							0.8
KRBR	BN	507	85	AML		2119	47.18			48	0.4				
KRBR	BE	507	85	AML		2119	54.52			50	0.5				
ASAO	BZ	558	346	EPn		2118	54.61	0.1							0.8
DAMV	BZ	661	3	EPn		2119	7.39	0.0							0.7

**June 26 2007 Hour: 22:12 12.8 Lat: 29.85N Lon: 57.87E 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
KRBR	BZ	108	278	EPg		2212	31.39	0.1							1.0
KRBR	BN	108	278	ESg		2212	44.58	-0.1							1.0
KRBR	BN	108	278	AML		2212	46.90			939	0.4				
KRBR	BE	108	278	AML		2212	47.56			1327	0.2				

ZHSF	BZ	283	95	EPn	2212	55.79	0.0									1.0
ZHSF	BE	283	95	ESg	2213	32.42	-0.1									1.0
BNDS	BZ	318	212	EPn	2213	0.16	0.0									0.9
BNDS	BN	318	212	AML	2213	51.11				105	0.6					

**June 27 2007 Hour: 0: 8 50.3 Lat: 29.68N Lon: 51.52E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.6ML INS Rms: 0.1 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHIR	BZ	210	137	EPg		0 9	24.81	0.0							1.0
GHIR	BE	210	137	AML		0 9	57.21			511	0.3				
GHIR	BN	210	137	AML		010	0.17			573	0.4				
NASN	BZ	367	19	EPn		0 9	43.74	-0.1							0.9
SHGR	BZ	374	317	EPn		0 9	44.39	0.0							0.9
SHGR	BN	374	317	AML		010	48.61			171	0.6				
KRBR	BZ	508	85	EPn		010	1.35	0.1							0.8
KRBR	BN	508	85	AML		011	0.18			55	0.4				
KRBR	BE	508	85	AML		011	7.50			55	0.5				
DAMV	BZ	661	4	EPn		010	20.41	0.1							0.7

**June 27 2007 Hour: 19: 8 16.9 Lat: 26.85N Lon: 55.97E Depth: 17 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
BNDS	BZ	64	18	EPg		19 8	28.33	0.0							1.0
BNDS	BN	64	18	ESg		19 8	36.55	-0.1							1.0
GHIR	BZ	335	299	EPn		19 9	5.88	-0.1							0.9
GHIR	BE	335	299	ESg		19 9	50.95	0.1							0.9
GHIR	BN	335	299	AML		1910	5.31			449	0.7				
GHIR	BE	335	299	AML		1910	6.85			350	0.6				
KRBR	BZ	356	12	EPn		19 9	8.88	0.1							0.9
KRBR	BN	356	12	AML		1910	1.52			219	0.6				
KRBR	BE	356	12	AML		1910	5.15			248	0.6				

**June 28 2007 Hour: 10:43 55.5 Lat: 28.65N Lon: 57.27E Depth: 35 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
KRBR	BZ	156	342	EPg		1044	21.31	0.0							1.0
KRBR	BE	156	342	ESg		1044	40.14	0.0							1.0
KRBR	BE	156	342	AML		1044	40.82			122	0.2				
KRBR	BN	156	342	AML		1044	45.60			70	0.2				
BNDS	BZ	175	218	EPg		1044	24.14	0.0							1.0
BNDS	BN	175	218	ESg		1044	45.08	0.0							1.0
BNDS	BN	175	218	AML		1044	48.42			120	0.6				
GHIR	BZ	421	266	EPn		1044	53.58	0.0							0.9

**June 28 2007 Hour: 12: 4 13.9 Lat: 34.52N Lon: 50.81E Depth: 36 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	40	96	EPg		12 4	22.69	-0.1							1.0
GHVR	BE	40	96	ESg		12 4	29.33	0.1							1.0
GHVR	BN	40	96	AML		12 4	29.99			436	0.2				
GHVR	BE	40	96	AML		12 4	30.00			301	0.2				
THKV	BZ	155	2	EPg		12 4	39.87	0.3							1.0
CHTH	BZ	157	10	EPg		12 4	39.62	-0.2							1.0
CHTH	BE	157	10	ESg		12 4	58.71	-0.1							1.0
DAMV	BZ	162	40	EPg		12 4	40.70	0.0							1.0
DAMV	BE	162	40	ESg		12 5	0.30	0.1							1.0
DAMV	BN	162	40	AML		12 5	1.29			138	0.2				
DAMV	BE	162	40	AML		12 5	1.48			166	0.2				

**June 28 2007 Hour: 13: 5 37.3 Lat: 29.86N Lon: 57.87E Depth: 14 Agency: INS Local**  
**Magnitudes: 3.9ML INS Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KRBR	BZ	108	278	EPg		13	5	55.91							1.0
KRBR	BN	108	278	ESg		13	6	9.04							1.0
KRBR	BN	108	278	AML		13	6	11.61		3020	0.2				
KRBR	BE	108	278	AML		13	6	11.65		4151	0.4				
ZHSF	BZ	283	95	EPn		13	6	20.47							1.0
ZHSF	BE	283	95	ESg		13	6	56.80							1.0
ZHSF	BN	283	95	AML		13	6	58.59		394	0.4				
BNDS	BZ	319	212	EPn		13	6	24.70							0.9
BNDS	BN	319	212	AML		13	7	15.73		327	0.6				
GHIR	BZ	506	251	EPn		13	6	47.95							0.8

**June 29 2007 Hour: 12:52 0.9 Lat: 27.64N Lon: 56.03E 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
BNDS	BZ	30	152	EPg		1252		6.02							1.0
BNDS	BN	30	152	ESg		1252		11.59							1.0
BNDS	BN	30	152	AML		1252		12.81		3900	0.2				
KRBR	BZ	270	15	EPn		1252		42.78							1.0
KRBR	BN	270	15	ESg		1253		16.97							1.0
KRBR	BN	270	15	AML		1253		21.28		176	0.6				
KRBR	BE	270	15	AML		1253		21.84		159	0.4				
GHIR	BZ	308	284	EPn		1252		47.08							1.0
ZHSF	BZ	513	64	EPn		1253		12.68							0.8

**June 30 2007 Hour: 4:49 25.5 Lat: 34.64N Lon: 50.90E Depth: 13 Agency: INS Local**  
**Magnitudes: 3.5ML INS Rms: 0.4 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GHVR	BZ	36	119	EPg		449		32.59							1.0
GHVR	BN	36	119	AML		449		40.14		5808	0.2				
GHVR	BE	36	119	AML		449		40.18		5067	0.2				
THKV	BZ	142	359	EPg		449		49.85							1.0
THKV	BE	142	359	AML		450		13.26		715	0.3				
CHTH	BZ	143	8	EPg		449		49.80							1.0
CHTH	BE	143	8	ESg		450		8.35							1.0
CHTH	BE	143	8	AML		450		12.89		594	0.3				
DAMV	BZ	147	41	EPg		449		50.96							1.0
DAMV	BN	147	41	ESg		450		10.31							1.0
DAMV	BN	147	41	AML		450		11.45		803	0.3				
DAMV	BE	147	41	AML		450		12.73		872	0.2				
NASN	BZ	270	139	EPn		450		6.47							1.0
SNGE	BZ	329	280	EPn		450		14.91							0.9

**June 30 2007 Hour: 22:30 3.7 Lat: 40.51N Lon: 49.77E Depth: 62 Agency: INS Local**  
**Magnitudes: 3.7ML INS Rms: 0.0 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRMI	BZ	248	221	EPg		2230		39.42							1.0
GRMI	BN	248	221	AML		2232		23.50		247	0.7				
GRMI	BE	248	221	AML		2232		24.80		301	1.1				
MAKU	BZ	453	255	EPn		2230		46.82							
MAKU	BE	453	255	ESg		2231		49.61							0.8
MAKU	BE	453	255	AML		2232		8.68		69	1.0				
THKV	BZ	519	169	EPn		2231		22.36							
DAMV	BZ	575	160	EPn		2231		30.93							
MRVT	BE	632	118	AML		2233		52.96		67	0.1				
MRVT	BN	632	118	AML		2233		54.43		80	0.4				
SNGE	BZ	638	200	EPn		2231		27.29							
SNGE	BN	638	200	ESg		2232		29.35							0.7
ASAO	BZ	662	178	EPn		2231		37.17							

## IIEES EARTHQUAKES CATALOGUE (April - June 2007)

Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	D <sub>min</sub>	Rms	M <sub>L</sub>
2007	4	1	3	16	6.7	1.05	33.989	4.4	48.610	4.4	15.0	10.5	5	6	142	144.3	0.30	2.7
2007	4	1	7	34	44	0.26	26.678	11.2	55.760	1.6	15.0	0.0	8	8	266	379.1	0.13	3.5
2007	4	1	19	51	25.4	0.66	30.795	4.3	56.733	3.9	17.6	10.3	6	8	146	90.1	0.21	4.2
2007	4	2	15	53	16.6	0.65	35.689	3.1	48.898	1.9	14.1	9.9	7	9	105	155.7	0.21	2.9
2007	4	3	16	26	22.6	0.63	32.220	3.3	48.703	8.1	14.1	5.6	4	5	196	15.4	0.20	2.9
2007	4	3	22	27	37.3	1.54	35.894	8.2	53.009	11.1	16.7	16.0	8	9	130	98.4	0.50	3.2
2007	4	4	12	41	33.9	2.20	33.732	5.6	48.930	10.3	14.5	14.4	7	9	133	135.6	0.67	3.9
2007	4	5	19	50	55.6	0.55	35.296	4.7	52.879	9.8	16.2	7.4	6	6	247	90.4	0.13	2.8
2007	4	6	11	37	36.8	1.93	35.680	8.7	48.904	8.3	14.5	13.0	7	8	195	155.8	0.64	3.0
2007	4	8	1	19	17	0.74	27.996	3.0	57.657	6.5	14.1	12.3	3	5	187	160.8	0.24	3.8
2007	4	8	1	31	2.9	0.30	28.113	2.1	57.595	2.2	15.0	0.0	3	3	180	161	0.00	3.4
2007	4	8	7	40	0.2	0.34	30.829	5.9	51.616	6.5	18.0	13.8	3	4	241	245.9	0.02	2.8
2007	4	8	11	22	21.5	0.98	30.965	3.5	56.810	6.0	15.1	0.0	7	9	150	109	0.50	4.4
2007	4	9	14	23	52.2	0.78	33.644	3.2	48.994	4.2	15.0	10.2	5	6	131	138.3	0.24	2.9
2007	4	9	21	26	49.4	0.53	38.978	3.6	44.518	5.3	14.1	9.1	8	10	227	44.2	0.21	4.2
2007	4	9	21	36	55.3	0.47	39.043	5.6	44.688	4.7	14.1	8.6	4	5	208	34.6	0.14	3.3
2007	4	11	13	27	34.9	0.47	32.754	2.6	47.567	5.9	14.1	7.4	4	5	234	136.4	0.11	2.5
2007	4	11	22	15	13	0.53	31.800	4.8	59.828	5.9	15.1	0.0	6	8	217	259	0.26	4.1
2007	4	12	12	59	41.7	0.63	32.224	7.6	55.894	4.8	15.0	0.0	5	5	220	296.9	0.30	3.5
2007	4	14	13	6	40.3	0.36	30.793	4.9	57.272	3.4	14.7	5.8	4	5	233	102.4	0.06	3.2
2007	4	15	3	56	9.6	0.42	32.145	2.3	49.432	3.3	31.2	3.6	6	7	190	59.7	0.10	4.3
2007	4	15	4	24	21	0.77	35.670	3.5	48.934	3.1	14.2	8.7	5	7	194	157.8	0.24	3.2
2007	4	15	15	55	55.8	0.79	33.508	3.8	49.086	6.7	14.1	6.2	6	8	201	144.3	0.20	3.1
2007	4	16	1	22	59.7	0.75	33.874	4.6	56.482	8.6	18.0	15.9	5	6	181	362.1	0.22	3.6
2007	4	17	2	36	40.4	0.64	35.752	2.6	49.301	2.6	16.5	7.8	7	9	194	143.7	0.19	3.1
2007	4	17	7	24	59.7	0.41	32.073	13.7	46.835	5.5	14.1	11.2	4	5	280	185.6	0.09	3.2
2007	4	17	11	21	20.5	0.52	39.077	5.6	53.656	4.4	14.1	8.3	4	5	217	264.5	0.14	3.1
2007	4	17	12	20	39.4	0.35	29.458	4.8	52.212	3.7	17.9	11.0	4	5	163	150.3	0.06	3.0
2007	4	17	19	13	43.3	0.37	35.348	2.2	53.019	3.5	14.7	5.2	7	7	138	100.1	0.07	3.2
2007	4	18	0	14	45.9	1.08	30.890	5.4	50.402	4.0	14.1	9.4	12	14	174	203.4	0.41	4.4
2007	4	18	15	45	27.8	0.34	27.602	1.6	56.120	4.3	14.5	3.9	3	4	154	23	0.00	2.7
2007	4	18	23	43	11.1	0.81	35.721	3.9	48.883	3.2	14.1	9.3	6	8	199	156	0.24	3.0

Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	D <sub>min</sub>	Rms	M <sub>L</sub>
2007	4	19	1	36	27	0.29	28.854	0.8	56.188	2.3	18.0	0.0	3	5	157	136.8	0.05	3.2
2007	4	19	23	1	2.9	0.79	35.366	8.9	53.478	11.4	14.1	10.4	5	6	318	139.9	0.23	2.6
2007	4	20	7	58	31	0.62	37.329	4.4	56.607	9.2	17.4	9.4	7	9	267	58.6	0.21	4.1
2007	4	20	8	4	43.9	0.51	37.304	3.4	56.521	7.5	16.8	7.7	7	9	259	54.9	0.15	4.1
2007	4	20	12	17	34.1	1.01	31.590	9.2	50.082	6.3	14.1	14.7	4	6	234	134.1	0.31	3.3
2007	4	21	8	47	31.8	0.74	36.763	5.6	49.620	5.5	14.1	9.1	5	8	309	147	0.23	2.6
2007	4	21	15	32	13.7	0.30	28.132	2.0	57.598	2.2	15.0	0.0	3	3	179	162.4	0.00	3.8
2007	4	21	15	34	32.6	0.30	27.951	2.2	57.533	2.3	15.0	0.0	3	3	187	147.6	0.00	3.0
2007	4	21	20	9	33.5	1.78	36.213	14.4	54.164	11.5	17.3	13.5	5	8	189	208.2	0.55	3.1
2007	4	22	3	41	0.5	0.40	29.084	5.1	53.258	6.9	14.1	9.9	4	5	220	341.5	0.09	3.0
2007	4	22	10	15	12.6	0.99	28.025	4.1	57.373	7.3	14.2	12.5	4	6	179	137.3	0.34	3.3
2007	4	23	9	4	53.5	0.31	30.664	4.5	49.045	4.9	33.8	4.6	4	5	287	161.8	0.01	3.0
2007	4	23	9	18	50	1.23	30.143	3.2	52.730	13.5	14.1	11.9	4	6	160	207.3	0.44	3.2
2007	4	23	11	36	29.4	1.74	29.630	13.0	51.515	13.1	15.0	17.6	10	12	182	206.8	0.64	3.9
2007	4	23	12	12	4.1	0.57	29.412	8.2	52.019	5.9	14.1	17.0	6	7	172	156.5	0.18	3.6
2007	4	24	3	33	16.5	1.62	35.997	10.6	52.893	9.2	15.1	0.0	7	7	148	92.8	0.57	3.1
2007	4	24	11	38	40.8	1.12	33.933	8.4	56.903	5.9	15.0	0.0	7	7	151	401.2	0.46	3.7
2007	4	25	4	19	0.1	1.14	28.207	4.0	56.236	7.6	14.1	10.8	13	15	115	89.8	0.58	4.7
2007	4	25	4	54	16.8	0.48	31.529	8.2	51.080	2.5	14.5	4.7	4	6	238	215.5	0.11	3.2
2007	4	25	9	48	38.9	0.47	28.105	5.1	56.226	4.3	14.1	9.6	3	4	154	78.4	0.12	3.3
2007	4	25	16	56	32.5	1.51	33.327	6.8	50.776	8.1	15.0	11.0	5	8	227	135.1	0.46	2.9
2007	4	25	20	2	15.4	1.09	28.233	3.5	56.271	5.2	14.1	9.8	11	13	116	92.9	0.48	4.5
2007	4	25	20	40	11.6	0.47	27.140	7.3	53.461	4.5	40.7	4.7	4	6	257	135.2	0.14	3.0
2007	4	26	2	31	59.7	1.33	28.222	4.4	56.257	6.9	14.1	14.1	5	7	116	91.5	0.44	3.5
2007	4	26	3	45	20.4	0.40	30.812	3.4	56.733	3.0	6.5	5.3	5	5	166	92.1	0.08	3.4
2007	4	26	4	3	31.2	0.54	28.226	1.8	56.250	4.0	14.1	5.1	7	8	115	92	0.19	4.0
2007	4	26	4	59	34.1	1.43	28.230	5.6	56.233	10.3	14.6	10.6	8	8	114	92.3	0.62	4.0
2007	4	26	14	11	14.3	1.74	28.229	4.2	56.262	12.6	14.5	13.6	7	9	116	92.3	0.71	4.1
2007	4	26	22	18	10.6	0.63	27.929	3.7	52.583	6.4	12.0	5.5	4	7	264	56	0.21	3.4
2007	4	27	0	46	59.8	0.86	35.549	4.5	52.489	5.3	15.0	0.0	5	7	246	47.8	0.30	2.6
2007	4	28	8	59	36.7	0.46	28.243	2.2	55.370	12.8	17.9	6.2	3	4	255	122.3	0.12	3.8
2007	4	28	20	11	48.4	0.73	39.968	9.8	53.160	3.7	15.0	0.0	8	8	227	361.1	0.31	4.7
2007	4	28	20	46	18.7	0.51	28.218	2.3	56.142	5.6	14.1	6.1	4	4	150	90.7	0.15	3.3
2007	4	28	21	9	0.8	0.74	28.229	3.3	56.132	8.0	14.1	8.9	4	4	151	92.1	0.26	3.6



Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	D <sub>min</sub>	Rms	M <sub>L</sub>
2007	4	28	21	22	55.9	1.54	28.180	5.0	56.165	8.1	14.1	14.4	11	13	124	86.5	0.70	4.0
2007	4	29	4	17	16.2	0.34	28.186	1.7	56.250	6.9	17.5	4.2	3	4	171	87.5	0.01	2.5
2007	4	29	4	27	41.7	0.42	32.814	6.7	53.949	6.0	14.1	9.0	4	5	192	106.9	0.09	2.7
2007	4	29	5	36	9.7	0.84	35.735	3.7	52.373	8.1	6.1	8.8	5	7	297	38.2	0.23	2.6
2007	4	29	6	33	56.6	0.27	25.570	23.7	61.793	3.0	15.0	0.0	5	5	304	459	0.11	3.9
2007	4	30	1	38	16.7	0.96	28.392	4.0	55.193	9.0	14.1	13.6	5	6	187	146.2	0.35	3.9
2007	5	1	7	51	27.6	0.34	27.000	4.6	55.784	3.7	2.1	4.2	5	6	270	58.5	0.08	3.9
2007	5	1	10	18	49.4	0.33	27.597	1.4	56.319	3.7	14.1	3.0	4	5	152	26.3	0.04	3.5
2007	5	1	14	40	24.8	0.28	29.249	4.0	51.654	6.7	18.0	0.0	3	4	217	168.4	0.01	3.2
2007	5	1	22	57	26.7	0.63	36.400	5.3	51.690	5.2	26.8	11.2	5	6	214	74.5	0.17	2.5
2007	5	1	23	31	50.3	1.09	32.477	5.4	49.845	7.3	14.1	11.9	6	8	166	106.5	0.33	3.2
2007	5	1	23	38	0.3	0.61	28.351	6.3	56.226	4.5	14.1	12.1	4	5	198	188.2	0.20	3.7
2007	5	2	2	3	3.1	0.37	28.423	5.1	56.165	2.7	27.8	6.8	6	6	195	182.2	0.13	3.7
2007	5	2	18	44	22.2	1.01	39.913	12.2	49.876	9.7	14.6	13.5	10	10	209	210.2	0.42	4.4
2007	5	3	0	3	23.1	0.31	32.208	4.1	55.516	5.6	14.2	8.6	6	7	194	262.8	0.06	3.4
2007	5	5	4	52	15.3	0.52	37.905	10.6	56.237	14.5	31.7	4.3	5	6	319	30.2	0.16	3.6
2007	5	5	21	11	33	0.71	39.142	13.4	41.921	11.1	14.2	0.0	7	8	304	239.6	0.35	3.6
2007	5	6	15	55	36.6	0.75	35.664	5.4	52.382	6.3	7.9	7.2	6	8	249	37.5	0.19	2.6
2007	5	7	3	39	28.5	0.49	35.799	2.1	49.025	1.9	16.6	5.2	6	9	202	166	0.13	2.7
2007	5	7	9	16	46.1	1.91	35.806	8.9	49.014	9.0	15.0	0.0	6	7	202	167.2	0.59	2.6
2007	5	7	10	44	32	1.50	35.373	6.2	52.123	13.7	14.2	0.0	6	6	193	31.7	0.48	2.5
2007	5	8	3	28	24.3	0.98	31.899	6.3	56.193	8.7	14.2	13.5	7	8	161	219.3	0.32	4.2
2007	5	8	5	44	6.8	0.57	27.825	2.3	55.565	5.3	14.1	9.4	3	4	154	76.2	0.15	3.1
2007	5	8	14	22	49.9	0.38	32.626	3.2	56.156	3.5	14.1	5.9	7	9	174	298.7	0.11	3.9
2007	5	8	23	45	31.8	0.31	27.079	5.8	54.634	1.8	45.5	2.9	3	5	233	156.4	0.02	2.9
2007	5	9	4	32	50.8	0.81	38.577	8.0	45.463	4.2	16.5	12.6	5	6	166	109.6	0.26	3.6
2007	5	9	9	8	1.4	0.50	27.320	3.1	57.721	4.3	31.2	5.9	5	6	225	153.6	0.14	3.6
2007	5	9	10	46	36.7	1.06	29.196	6.1	58.380	5.1	14.1	10.8	4	5	150	179.4	0.31	3.6
2007	5	9	11	27	29.1	1.45	35.813	6.6	49.016	5.8	14.2	0.0	6	8	203	167.8	0.50	3.0
2007	5	11	5	50	27.9	2.19	34.350	8.2	53.785	16.2	14.1	15.7	8	9	179	194.4	0.60	4.2
2007	5	11	11	5	51.7	1.09	34.418	9.0	49.684	4.1	15.0	10.2	6	7	203	34.5	0.31	2.6
2007	5	11	14	50	7.8	0.67	36.994	3.0	49.307	5.0	14.1	5.5	7	9	162	184.8	0.19	4.1
2007	5	11	20	1	23.8	0.43	40.280	5.9	51.750	2.2	15.0	0.0	7	7	224	369.4	0.16	4.3
2007	5	11	20	42	25.9	0.75	40.285	9.8	51.761	3.7	15.0	0.0	9	9	224	370.5	0.33	4.5

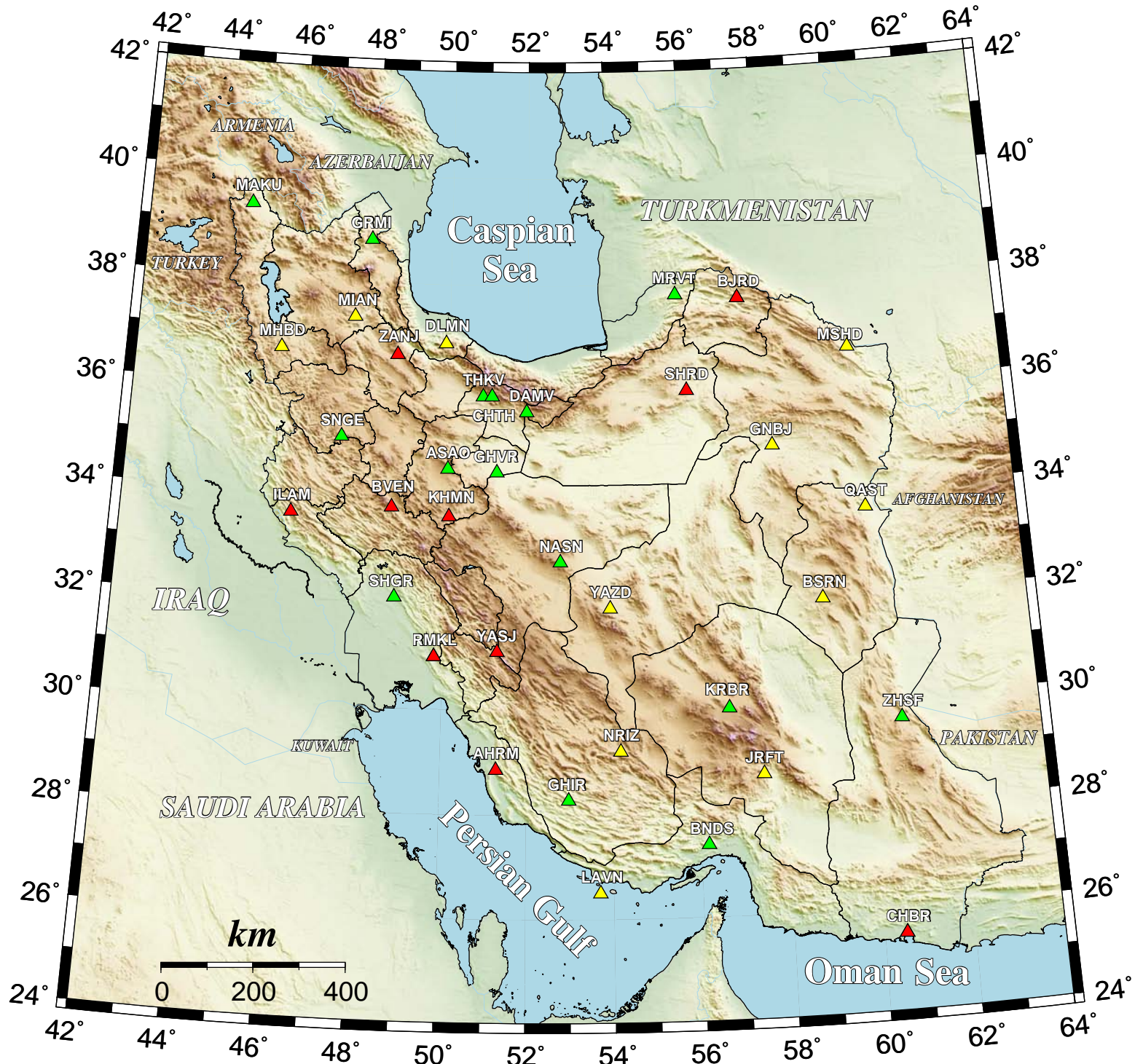
Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	D <sub>min</sub>	Rms	M <sub>L</sub>
2007	5	11	23	38	28.1	0.89	30.336	6.4	50.658	3.4	15.0	0.0	7	7	184	264.4	0.41	2.9
2007	5	12	8	17	27.5	0.90	27.078	23.4	54.634	9.9	46.0	9.4	5	6	233	156.4	0.33	3.5
2007	5	14	8	54	20.7	0.66	31.587	6.5	48.954	6.7	14.2	12.5	3	5	277	59.6	0.18	2.7
2007	5	16	0	19	11.1	0.46	28.221	6.4	56.067	3.4	15.8	8.3	6	6	202	206.5	0.19	4.1
2007	5	16	0	27	35	0.49	28.243	6.9	56.078	3.6	15.0	9.0	6	6	201	203.9	0.23	4.2
2007	5	16	1	52	14.7	0.54	28.200	8.3	56.033	4.0	14.1	10.7	5	5	202	209.9	0.18	3.4
2007	5	17	9	16	25.7	1.86	31.686	7.4	50.965	5.5	14.1	12.6	8	11	131	210	0.64	4.0
2007	5	17	21	2	48.2	0.35	31.232	2.0	49.658	3.8	14.1	5.6	5	6	186	126.6	0.07	3.3
2007	5	18	9	29	59.8	0.72	36.881	15.1	54.329	11.5	14.1	6.6	6	8	169	178.5	0.23	3.1
2007	5	18	16	31	43.2	0.33	31.812	4.8	50.239	1.1	14.1	3.0	5	7	219	139.8	0.06	3.1
2007	5	18	18	48	13.2	0.48	31.773	3.7	56.104	3.9	14.1	5.2	4	6	186	208.2	0.14	3.1
2007	5	18	23	3	34.1	0.45	27.698	6.2	53.166	2.3	31.0	4.4	9	11	248	67.5	0.19	4.7
2007	5	18	23	22	28.9	0.34	27.682	3.5	53.145	3.7	30.5	2.3	3	6	294	68.7	0.08	3.2
2007	5	18	23	24	54.1	0.47	27.589	4.6	53.144	7.3	23.2	7.6	4	6	277	78.7	0.14	3.5
2007	5	18	23	47	9.5	0.35	27.669	3.7	53.182	4.0	23.9	3.0	3	6	292	71	0.07	3.7
2007	5	19	23	20	55.1	0.30	28.119	1.4	55.874	2.3	15.0	0.0	3	3	137	84.9	0.00	2.7
2007	5	19	23	28	53.7	0.34	29.169	5.8	51.090	11.1	14.1	11.2	3	4	233	209.6	0.02	2.9
2007	5	20	9	44	52.4	0.28	40.655	5.0	48.228	1.7	15.0	0.0	4	4	228	206.8	0.01	2.7
2007	5	20	15	14	52.4	0.30	28.171	1.2	57.564	2.3	41.1	3.2	4	6	176	161.7	0.03	3.2
2007	5	20	23	43	26.4	1.55	27.446	31.5	54.695	8.0	16.2	15.2	3	5	208	146.1	0.49	2.9
2007	5	22	11	53	11	0.72	35.693	4.0	49.457	12.1	21.7	18.3	6	6	150	137.2	0.21	3.6
2007	5	22	21	17	50.5	0.39	30.894	2.9	56.672	3.5	16.2	4.6	4	5	168	101.5	0.08	3.1
2007	5	22	22	33	4.1	0.29	27.621	4.4	56.443	2.3	6.2	7.4	6	6	166	36.4	0.01	3.6
2007	5	23	1	39	37.4	0.54	36.448	6.7	51.769	3.9	14.2	6.7	5	6	295	83.3	0.13	2.6
2007	5	24	0	50	42.3	0.31	27.232	5.2	55.962	1.4	39.7	1.4	3	5	244	27.8	0.01	2.8
2007	5	24	16	51	52.8	0.49	30.636	6.0	48.789	7.6	18.0	7.7	4	5	288	163.3	0.14	3.0
2007	5	24	20	16	29.3	1.16	30.683	8.0	50.396	10.0	15.0	0.0	6	6	181	219	0.45	2.8
2007	5	24	21	51	37.9	0.59	28.019	4.3	52.359	4.6	18.0	5.7	6	9	266	68.4	0.23	4.4
2007	5	26	7	59	59.1	1.27	36.046	5.4	53.567	8.9	14.1	12.5	6	7	144	151.4	0.39	2.7
2007	5	26	9	8	25.7	0.34	39.152	4.6	44.561	3.5	14.1	5.6	3	4	235	24.9	0.03	3.4
2007	5	26	22	54	32.6	0.62	40.296	8.2	51.746	3.1	15.0	0.0	9	9	224	369.9	0.27	4.8
2007	5	27	4	39	29.4	0.64	36.639	11.6	54.176	7.7	14.8	6.0	3	6	185	204.2	0.18	2.7
2007	5	27	8	8	22.9	0.38	27.080	7.2	54.648	2.1	46.0	3.5	3	5	233	155	0.07	2.9
2007	5	27	20	44	17.1	0.39	30.024	5.3	57.492	2.4	15.8	5.2	4	6	152	70.8	0.08	3.3

Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	D <sub>min</sub>	Rms	M <sub>L</sub>
2007	5	28	14	12	6.4	0.35	30.321	2.2	51.935	2.2	15.0	0.0	5	5	184	247.7	0.11	3.8
2007	5	28	17	11	3.8	0.34	27.102	6.5	54.626	2.0	44.0	2.8	4	6	232	156.5	0.07	3.3
2007	5	29	6	18	57.2	0.88	29.305	11.1	52.264	13.2	45.6	15.2	9	9	178	133.2	0.35	4.0
2007	5	30	9	44	10.4	0.77	35.792	3.4	52.101	6.6	12.2	4.3	5	8	290	21.4	0.23	2.6
2007	5	30	10	50	20.1	1.24	30.168	9.7	50.781	6.3	15.0	0.0	8	8	197	299.2	0.58	4.0
2007	5	30	11	23	30.9	10.79	27.409	999.9	52.733	999.9	15.0	0.0	4	3	330	100.3	6.66	2.8
2007	5	30	11	26	45.2	0.48	30.212	3.3	50.959	5.5	18.4	10.2	4	6	213	290.6	0.14	3.3
2007	5	31	0	28	24	0.66	36.119	8.5	53.691	6.1	14.1	9.0	6	8	287	164.5	0.18	3.2
2007	5	31	10	28	37.3	1.13	29.175	5.1	51.290	11.3	38.4	13.3	9	11	204	192.8	0.45	4.0
2007	6	1	14	45	1.5	0.42	32.094	2.7	49.824	2.6	14.1	5.2	4	7	198	96.5	0.11	3.2
2007	6	2	2	37	4.5	0.36	32.656	4.6	56.280	7.6	14.2	8.6	5	6	220	299.9	0.09	3.4
2007	6	2	6	25	49.4	0.46	29.383	5.1	51.496	8.3	15.1	0.0	4	5	200	189.6	0.19	3.0
2007	6	2	6	33	58.4	0.30	29.232	7.6	51.231	5.7	14.1	10.4	5	6	211	201.1	0.03	3.3
2007	6	2	13	12	4.9	0.97	31.197	12.0	51.512	7.3	18.0	14.8	4	6	306	215.8	0.33	3.0
2007	6	2	18	23	43.8	0.43	39.112	4.8	43.735	5.7	14.2	8.3	3	5	288	86.2	0.10	3.7
2007	6	3	1	27	35.1	0.35	29.606	9.2	51.800	9.6	18.0	16.3	4	5	202	186.5	0.06	2.8
2007	6	3	6	45	53.4	0.64	32.601	3.1	49.739	4.5	14.2	6.2	7	8	154	103.8	0.19	3.6
2007	6	3	12	10	0.9	1.48	30.445	8.5	57.254	5.0	15.1	0.0	5	7	161	69.9	0.54	3.6
2007	6	3	15	2	47.2	0.34	26.323	4.7	54.227	2.1	14.1	5.0	3	5	273	227.1	0.05	3.3
2007	6	3	17	48	11.4	0.83	32.733	2.9	49.744	3.9	14.5	8.0	5	7	145	112.5	0.25	2.5
2007	6	3	23	39	47.9	0.86	32.669	3.6	49.775	5.5	27.8	8.0	5	6	150	110.7	0.25	2.6
2007	6	4	8	4	16.6	1.36	36.369	9.7	51.319	7.3	33.5	20.4	5	7	191	64	0.38	3.8
2007	6	4	15	23	38.7	0.31	29.623	6.7	51.281	5.6	15.0	11.0	5	5	198	222.7	0.00	3.0
2007	6	4	18	34	11.2	0.58	27.470	8.0	55.285	2.7	14.1	6.6	3	4	197	88	0.15	3.3
2007	6	5	1	27	29.3	0.40	29.254	1.7	58.394	1.0	14.1	4.9	3	6	147	177.6	0.10	2.9
2007	6	5	13	21	15.2	0.35	29.097	5.0	58.346	3.1	18.0	11.4	3	4	153	182.3	0.03	2.9
2007	6	5	19	17	39.4	2.15	32.697	8.6	49.830	11.9	15.0	15.1	8	10	149	116.7	0.67	3.1
2007	6	6	6	32	17.9	0.48	37.460	7.3	54.908	3.0	14.1	0.0	4	5	156	106.7	0.17	2.8
2007	6	6	23	10	56.8	0.44	37.179	1.7	49.004	2.8	16.1	3.5	6	9	150	205.6	0.12	3.0
2007	6	7	2	29	50.1	0.27	36.710	2.9	55.270	2.8	15.1	3.0	6	8	174	128	0.03	3.4
2007	6	7	2	34	30.5	1.24	36.548	6.6	51.559	5.9	15.0	11.7	6	9	211	81	0.36	3.4
2007	6	7	18	46	18.9	1.20	36.517	7.0	51.545	6.7	14.2	12.1	7	9	209	77.4	0.40	3.4
2007	6	7	20	7	41.8	0.72	28.081	12.4	52.895	5.4	30.5	2.9	5	7	267	24.3	0.28	3.4
2007	6	8	2	3	51.5	0.37	36.130	7.5	54.679	6.0	15.5	3.7	4	6	222	211.2	0.07	3.3




Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	D <sub>min</sub>	Rms	M <sub>L</sub>
2007	6	8	3	50	0.6	0.35	34.734	17.4	47.923	9.9	14.1	10.1	3	4	212	66	0.03	2.7
2007	6	8	4	16	53	0.30	34.887	6.2	47.980	2.2	15.0	0.0	3	3	191	62.1	0.00	3.0
2007	6	8	4	42	19.7	1.24	32.679	6.1	49.752	8.8	15.0	9.1	7	7	148	109.6	0.39	3.6
2007	6	8	5	54	33.3	1.43	40.692	24.5	47.896	8.1	15.0	0.0	7	7	230	208.9	0.65	4.1
2007	6	8	17	12	41.4	1.30	32.268	8.9	49.922	4.8	14.2	10.7	6	7	184	107.2	0.43	3.7
2007	6	9	5	8	33	0.93	32.665	4.7	49.737	3.5	14.1	7.6	8	9	149	107.5	0.30	4.2
2007	6	9	5	38	17.4	0.56	32.700	7.6	49.787	2.6	15.9	0.0	5	5	233	206.2	0.19	3.4
2007	6	9	6	27	9.3	0.54	32.698	2.5	49.779	1.8	14.1	5.1	4	6	148	112.9	0.15	2.6
2007	6	9	7	17	50.4	1.05	32.629	3.7	49.775	3.9	14.1	7.4	7	9	153	108.3	0.32	3.3
2007	6	9	8	50	45.5	0.54	34.147	2.6	48.560	2.3	14.1	6.6	4	5	139	142	0.14	3.2
2007	6	9	11	38	40	1.12	33.685	3.0	48.777	5.6	16.9	9.7	6	8	141	149.7	0.37	3.0
2007	6	10	16	32	15	0.34	32.144	1.9	48.978	2.9	18.0	2.3	4	5	179	17.1	0.04	3.1
2007	6	10	18	19	7.2	0.90	26.123	11.9	54.119	5.8	14.1	13.3	4	6	280	248.3	0.28	3.5
2007	6	11	2	18	5.5	0.38	26.313	5.2	54.217	2.3	14.1	5.6	3	5	273	228.5	0.07	3.2
2007	6	11	5	31	34.1	0.62	30.059	5.4	57.414	4.2	1.2	7.2	4	5	152	63.6	0.19	3.1
2007	6	11	19	26	57.9	0.50	31.591	7.8	50.311	1.7	16.3	4.4	4	6	233	154	0.13	3.1
2007	6	12	5	24	26.1	1.20	31.457	5.9	50.153	7.9	40.9	11.0	8	9	158	147	0.45	3.3
2007	6	12	9	52	15	0.69	34.562	4.3	47.723	7.9	24.4	0.0	3	4	240	68.2	0.25	2.5
2007	6	13	0	37	58.7	0.96	32.721	5.1	49.804	6.1	14.1	8.4	6	6	147	116.3	0.29	3.0
2007	6	13	21	0	33.5	0.33	28.016	1.5	58.002	2.6	46.0	3.9	4	6	194	193	0.05	3.2
2007	6	14	2	9	55.1	0.47	30.536	2.7	51.761	3.2	14.1	8.1	7	9	148	269.9	0.13	3.7
2007	6	15	8	47	26.9	0.44	34.304	1.4	52.264	1.9	46.0	3.4	7	10	173	95.7	0.11	3.8
2007	6	15	13	37	41	1.52	30.191	7.9	57.480	6.1	16.1	0.0	5	7	156	73.1	0.61	3.7
2007	6	17	10	38	13.3	0.54	27.049	6.8	52.971	10.0	24.4	9.6	4	5	276	137	0.15	3.3
2007	6	17	17	49	48.8	0.33	27.914	2.0	54.448	1.4	14.2	3.5	4	5	178	149.4	0.04	3.0
2007	6	17	19	1	58.2	0.29	36.390	10.0	54.445	7.8	16.0	2.7	4	6	204	203.1	0.01	2.8
2007	6	17	20	17	51.1	0.28	31.854	1.8	49.387	1.8	44.6	1.8	5	8	226	62.2	0.03	2.6
2007	6	18	4	59	24.8	1.59	28.335	19.2	52.663	20.1	15.0	13.7	7	9	222	32.3	0.63	3.7
2007	6	18	14	29	49.4	1.47	34.515	4.9	50.842	6.9	17.3	9.9	11	12	110	37.3	0.58	5.6
2007	6	18	14	51	51.8	1.09	34.555	4.3	50.824	3.0	17.8	8.4	6	8	134	39.5	0.30	3.3
2007	6	18	18	21	13.1	0.68	34.547	3.1	50.834	2.3	17.4	6.9	6	7	134	38.5	0.19	2.6
2007	6	18	20	21	44	1.31	34.577	5.5	50.769	5.3	15.1	0.0	7	7	132	45.1	0.42	3.0
2007	6	18	20	25	48.5	1.19	34.566	5.0	50.791	4.0	15.0	10.9	6	7	133	42.8	0.37	2.8
2007	6	19	1	12	13.7	1.33	34.555	3.9	50.810	4.1	15.0	11.1	6	9	134	40.8	0.42	2.4

Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	D <sub>min</sub>	Rms	M <sub>L</sub>
2007	6	19	1	56	50	0.75	34.554	2.6	50.805	3.4	26.2	5.0	6	8	134	41.3	0.23	2.6
2007	6	19	7	58	29.4	0.59	34.798	2.8	52.731	7.5	14.1	7.0	6	7	215	115.4	0.17	2.7
2007	6	19	14	19	27.7	0.67	34.540	3.2	50.844	2.1	14.4	6.2	7	8	135	37.4	0.21	3.0
2007	6	19	15	3	34.1	1.02	34.537	4.9	50.866	3.2	14.1	9.8	7	8	135	35.4	0.27	4.3
2007	6	19	15	58	39.2	0.75	35.596	4.8	51.828	3.8	15.1	0.0	4	5	162	13.5	0.28	2.6
2007	6	19	19	9	11.5	0.45	34.592	2.3	50.786	2.3	14.1	6.5	6	6	130	44	0.11	2.8
2007	6	19	19	12	54.4	0.45	34.520	5.3	50.813	3.4	35.8	9.6	4	6	176	40	0.11	2.5
2007	6	19	20	37	59.8	0.49	27.036	8.6	54.442	3.0	31.4	5.5	3	5	238	176	0.12	3.6
2007	6	19	21	20	45.5	0.55	34.518	3.3	50.807	1.8	31.9	7.3	4	7	177	40.4	0.15	2.8
2007	6	19	23	5	34.2	0.66	34.796	3.0	52.757	8.5	14.1	7.7	6	7	216	117	0.16	3.2
2007	6	20	1	38	14.3	2.11	34.587	8.0	50.820	6.3	15.0	14.2	9	9	130	40.8	0.61	3.8
2007	6	20	8	25	4.4	0.60	34.606	1.9	50.797	2.2	16.7	5.4	6	8	129	43.4	0.17	3.1
2007	6	20	9	22	32.2	1.23	31.252	7.9	50.084	13.6	40.6	18.0	10	11	170	154.3	0.45	3.8
2007	6	20	19	56	50.2	0.74	34.596	2.1	50.788	2.0	17.4	6.1	6	9	130	43.9	0.23	2.9
2007	6	21	7	31	45	0.60	34.584	3.0	50.813	2.1	14.1	8.5	6	7	131	41.4	0.16	3.0
2007	6	21	7	52	11.3	0.29	37.473	3.7	54.492	3.0	17.9	3.9	5	6	155	142.7	0.02	3.3
2007	6	21	10	22	43.6	0.71	34.585	3.7	50.793	3.6	14.1	10.2	6	6	131	43.1	0.21	3.5
2007	6	21	10	24	20.5	0.32	34.514	2.0	50.806	1.3	31.7	6.8	4	6	178	40.6	0.05	2.8
2007	6	22	10	54	0.3	0.46	28.516	1.7	57.286	3.5	14.1	5.6	4	5	152	165.3	0.11	3.6
2007	6	22	11	8	58.2	1.06	35.880	6.0	53.031	9.7	15.1	0.0	5	7	315	99.8	0.39	2.9
2007	6	22	17	31	53.8	0.61	34.592	2.8	50.798	2.1	14.1	8.6	6	8	130	42.9	0.18	3.5
2007	6	22	18	49	22.4	0.62	36.489	4.5	52.877	3.9	15.1	0.0	4	6	173	125.5	0.21	2.7
2007	6	22	22	7	33.4	0.34	27.802	2.6	57.015	5.3	14.1	4.3	3	5	248	94.5	0.04	3.0
2007	6	23	11	52	3.4	0.55	28.416	1.9	56.562	4.3	7.1	0.0	4	5	128	119.1	0.20	3.4
2007	6	23	12	27	50.4	0.30	27.771	2.4	55.442	1.7	15.0	0.0	3	3	164	82.9	0.00	3.4
2007	6	23	14	18	11.9	0.49	34.533	2.3	50.846	2.5	19.9	5.2	6	6	135	37.1	0.12	2.7
2007	6	24	5	2	11.4	0.34	37.668	3.1	46.239	3.2	14.1	6.3	3	4	164	192.5	0.02	2.9
2007	6	24	7	10	37.1	0.61	27.716	7.7	52.767	8.5	7.9	6.0	11	12	234	66.7	0.27	4.1
2007	6	24	12	55	34.9	0.30	29.449	0.8	52.294	1.9	14.1	3.1	4	7	188	145.6	0.05	3.7
2007	6	24	23	2	41.4	0.87	35.165	7.5	59.094	5.7	15.0	0.0	8	8	208	386.2	0.49	3.9
2007	6	25	10	9	25.3	0.53	28.065	6.4	52.893	8.9	16.6	5.2	4	5	257	26.1	0.14	3.2
2007	6	25	14	55	20.8	0.66	28.336	3.4	57.291	5.3	14.1	7.9	4	5	160	151.4	0.19	3.6
2007	6	25	22	52	19.5	0.32	28.057	3.9	52.970	4.2	14.1	3.4	3	5	261	25.4	0.02	2.9
2007	6	25	23	5	47.9	0.50	35.297	2.7	52.328	6.4	6.1	8.6	5	6	212	49.2	0.13	2.8

Year	Month	Day	Hour	Minute	Second	Error	Lat	Error	Long	Error	Depth	Error	NST	NPH	Gap	D <sub>min</sub>	Rms	M <sub>L</sub>
2007	6	26	20	48	59	0.42	28.230	2.1	57.508	6.5	14.1	5.5	3	5	256	160.7	0.09	3.4
2007	6	26	21	17	37.3	0.34	29.679	5.5	51.526	3.6	14.1	10.8	6	6	180	210	0.06	3.7
2007	6	26	22	12	12.8	0.41	29.851	5.5	57.868	1.2	14.1	5.4	3	5	177	107.9	0.09	3.4
2007	6	27	0	8	50.3	0.37	29.679	6.1	51.521	4.0	14.1	11.9	5	5	180	210.4	0.07	3.6
2007	6	27	19	8	16.9	0.40	26.851	5.8	55.971	2.4	17.2	5.7	3	5	281	64	0.08	3.9
2007	6	28	10	43	55.5	0.31	28.648	1.3	57.268	6.3	35.8	3.2	3	5	237	155.9	0.01	2.7
2007	6	28	12	4	13.9	0.57	34.516	3.6	50.814	5.6	36.3	8.4	4	7	266	39.8	0.16	2.7
2007	6	28	13	5	37.3	0.56	29.856	7.4	57.868	1.5	14.1	6.7	4	6	177	107.9	0.15	3.9
2007	6	29	12	52	0.9	1.35	27.636	4.1	56.033	10.1	14.2	12.2	4	6	132	29.6	0.44	3.3
2007	6	30	4	49	25.5	1.44	34.636	4.7	50.900	8.7	13.8	12.3	6	8	141	36.1	0.42	3.5
2007	6	30	22	30	3.7	0.30	40.510	4.9	49.767	5.8	62.0	0.0	7	3	305	247.9	0.00	3.7



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

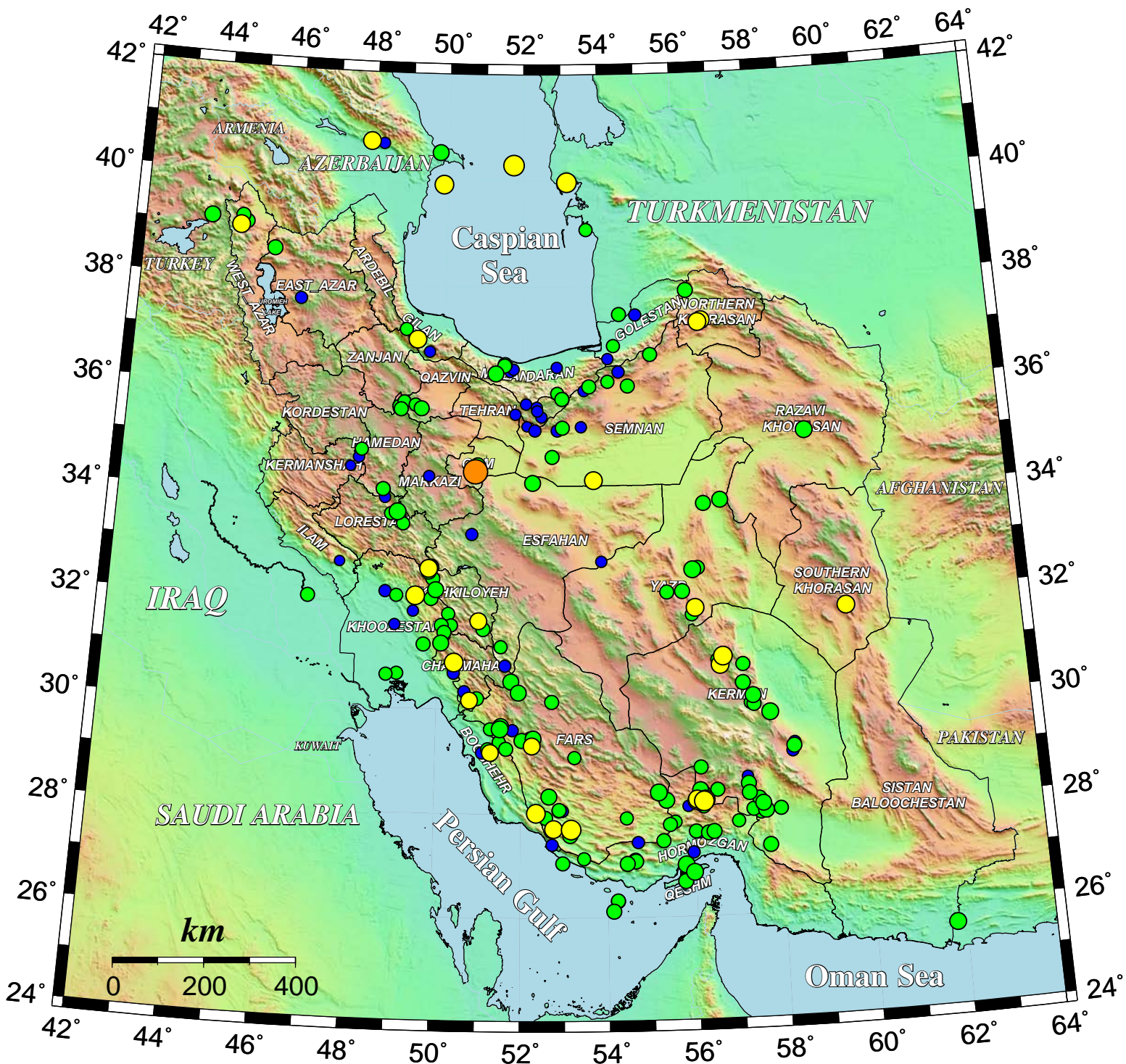
- |  |  |   |
|--|--|---|
|  Available Stations |  Under Construction |  Future Plan |
|--|--|---|

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/)



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**246 events during 2007/04/01 03:16:6.7 to 2007/06/30 22:30:3.7**

**Magnitude**

● $2 \leq M < 3$	● $3 \leq M < 4$	● $4 \leq M < 5$	● $5 \leq M < 6$	● $6 \leq M < 7$
N = 65	N = 146	N = 34	N = 1	N = 0

The events were located at:

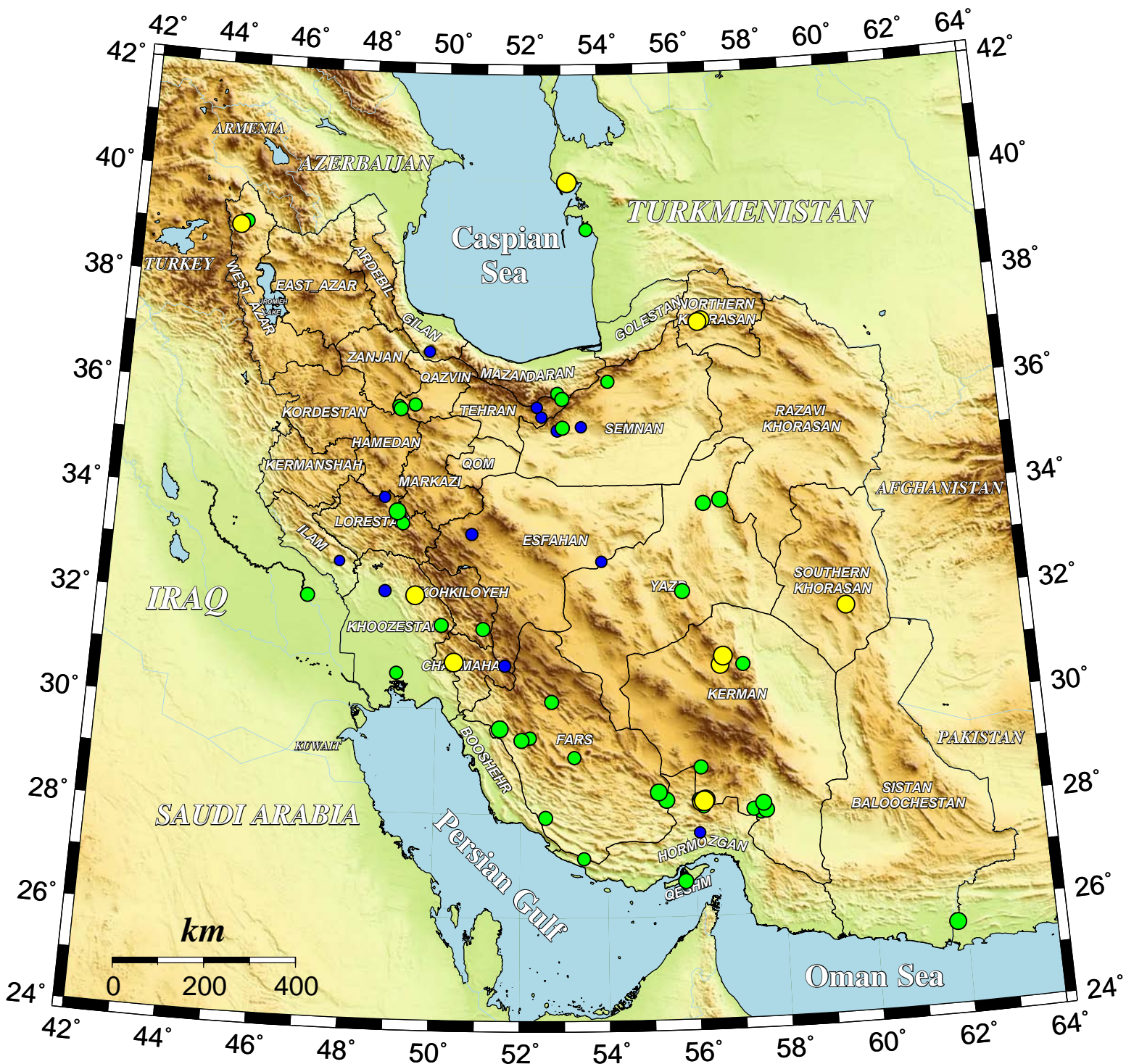
*Iranian National Broadband Seismic Network(INSN)*

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



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





**72 events during 2007/04/01 03:16:6.7 to 2007/04/30 01:38:16.7**

**Magnitude**

● $2 \leq M < 3$	● $3 \leq M < 4$	● $4 \leq M < 5$	● $5 \leq M < 6$	● $6 \leq M < 7$
N = 15	N = 42	N = 15	N = 0	N = 0

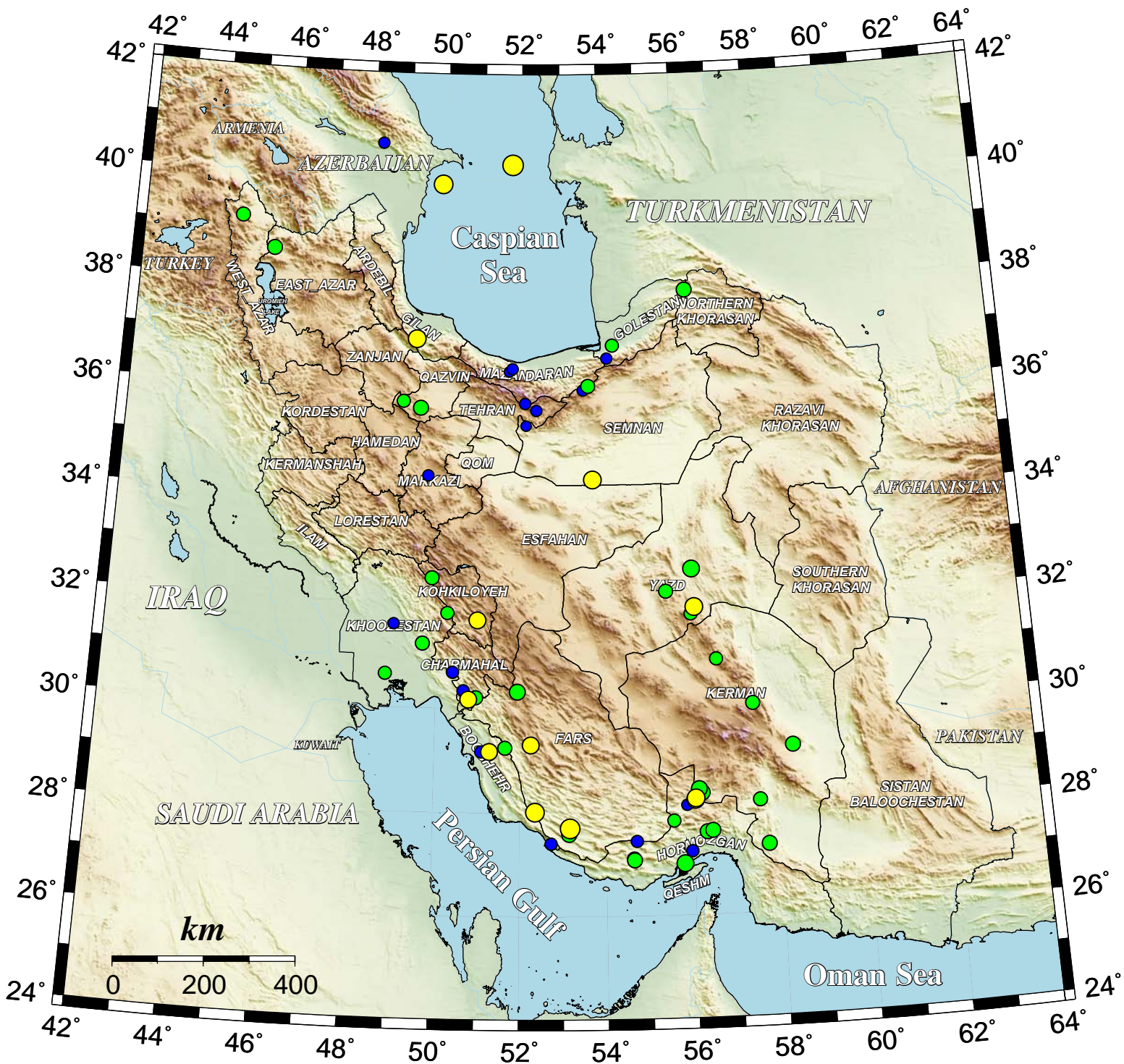
The events were located at:

*Iranian National Broadband Seismic Network (INSN)*

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



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**71 events during 2007/05/01 07:51:27.6 to 2007/05/31 10:28:37.3**

**Magnitude**

● $2 \leq M < 3$	● $3 \leq M < 4$	● $4 \leq M < 5$	● $5 \leq M < 6$	● $6 \leq M < 7$
N = 21	N = 35	N = 15	N = 0	N = 0

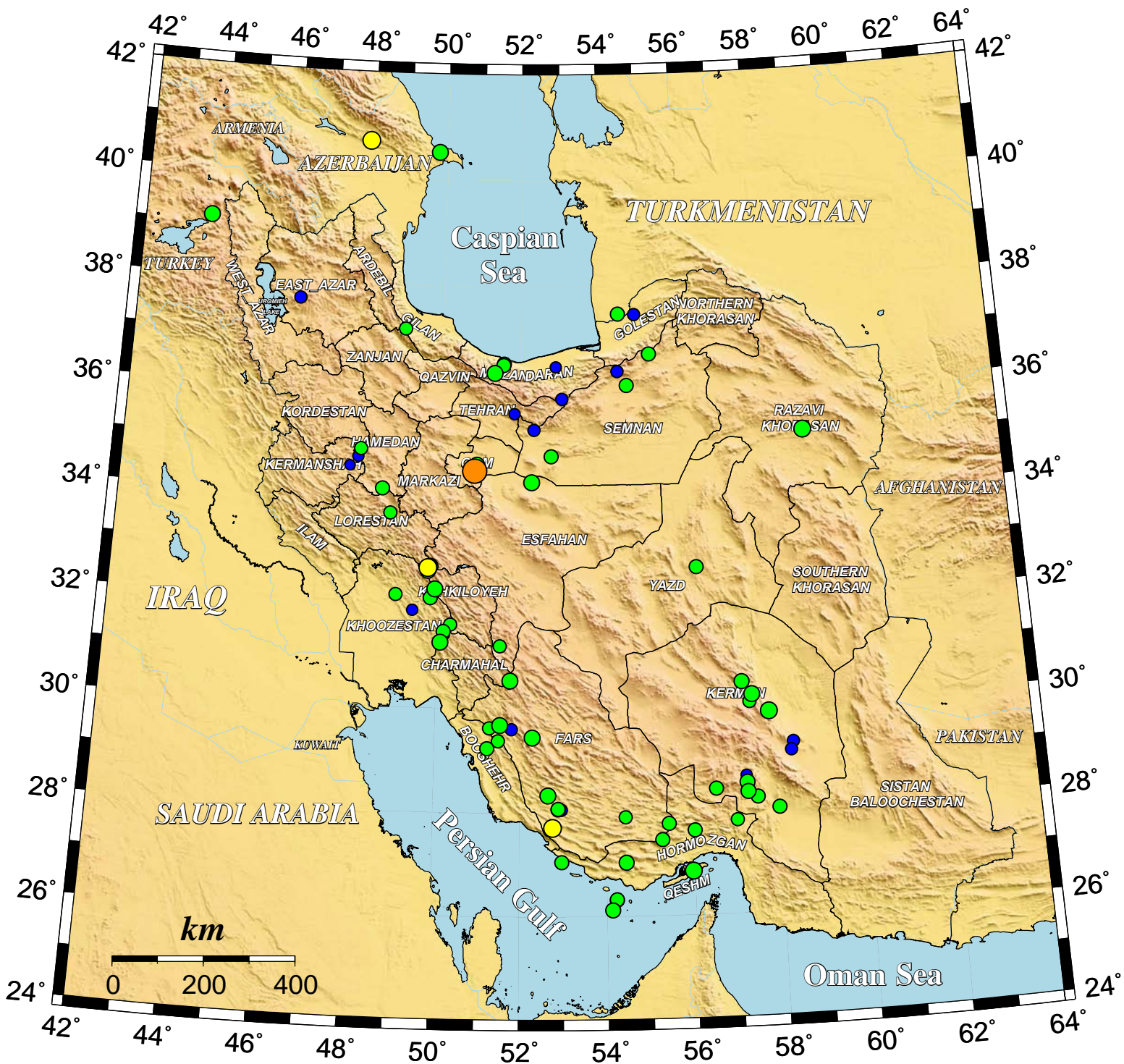
The events were located at:

*Iranian National Broadband Seismic Network(INSN)*

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



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**103 events during 2007/06/01 14:45:1.5 to 2007/06/30 22:30:3.7**

**Magnitude**

● $2 \leq M < 3$	● $3 \leq M < 4$	● $4 \leq M < 5$	● $5 \leq M < 6$	● $6 \leq M < 7$
N = 29	N = 69	N = 4	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>



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