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# Data Archived for Events in the Caucasus for the CauSIN Collaboration Project

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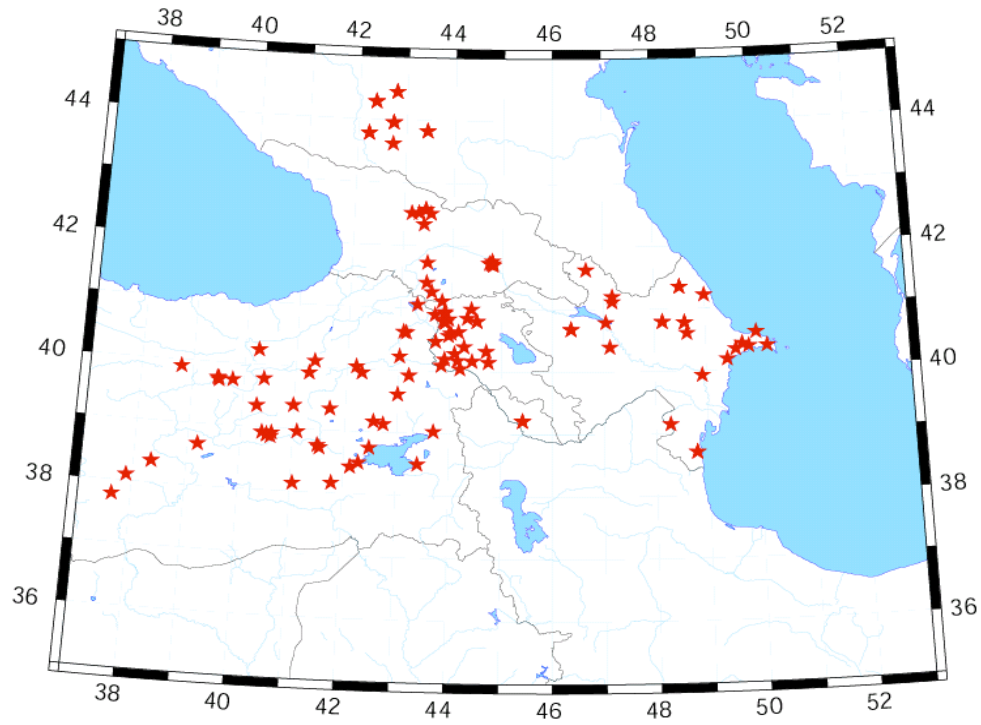
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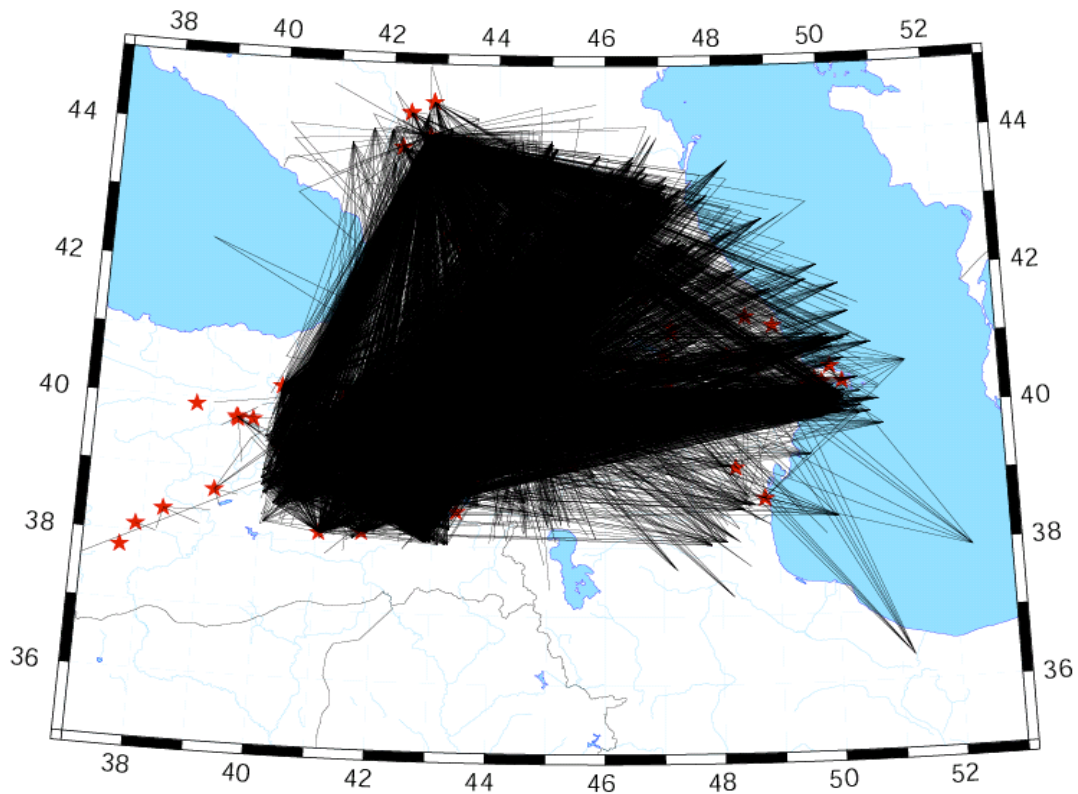
The Causin project is a joint effort between the countries in the Caucasus region to develop a Probabilistic Seismic Hazard Analysis. To that end, we have compiled a database of all available network data in the region. The information contained in the database is from four countries: Armenia, Georgia, Azerbaijan, and Turkey and from the Incorporated Research Institutions for Seismology (IRIS). Table 1 lists the networks from which data were obtained. Figure 1 shows the locations of stations, and Figure 2 shows ray paths for event locations of the archived data.

An ongoing effort in the region is the Caucasus Seismic Information Network (CauSIN) is an international scientific project enabling the countries and scientists of the region to: better understand the seismicity of the greater Caucasus; develop new monitoring networks to support the scientific understanding; provide access to seismic data from local networks in the participating countries; and develop a probabilistic seismic hazards assessment for the region enabling the governments in the region to better mitigate the damaging effects from large earthquakes. In parallel with this effort, training has been conducted on modern techniques for probabilistic hazards assessment. CauSIN is also an ongoing effort to promote cooperation in the geosciences between Georgia, Armenia, Azerbaijan, European Union and the United States. The DOE supports the American team from New England Research, Inc. (NER), Massachusetts Institute of Technology (MIT), Boston College, and Lawrence Livermore National Laboratory (LLNL).

<b>Table 1.</b> Networks used to obtain data	
<b>NETWORK</b>	<b>DATES OF EVENTS</b>
Georgian-Armenian Strong Motion	1990-2002
Georgian Weak Motion	2003-2005
Armenian Weak Motion	1995-2004
Azerbaijan Analog	1986-2003
Azerbaijan Kinematic	2004-2006
Eastern Turkey Seismic Experiment (IRIS)	1999-2001
Caucasus Array (IRIS)	1992-1994
Historical Waveforms	1903-1947
Global Seismograph Network II & IU(IRIS)	1990-2004



**Figure 1.** Locations of stations for archived data.



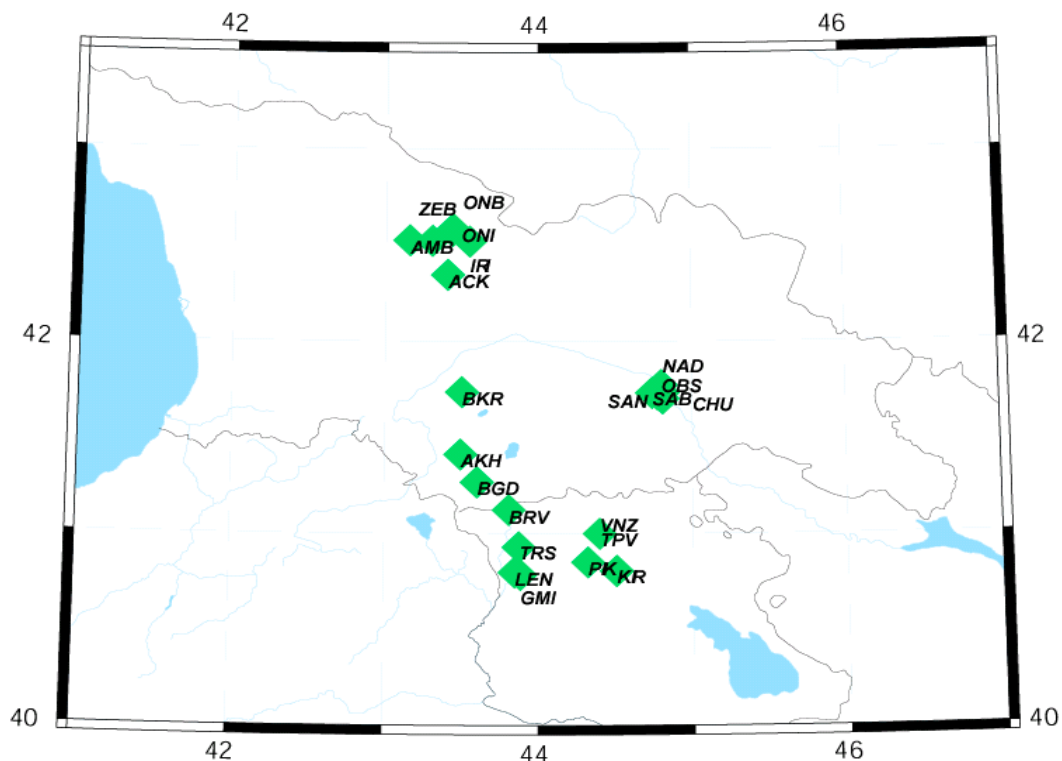
**Figure 2.** Ray paths for event locations of the archived data.

- Georgian-Armenian Strong Motion Data

Georgian-Armenian strong motion data are from 1990-2002 and were supplied by the Seismic Monitoring Center of Georgia. The Georgia-Armenia Strong Motion Network was established by the Swiss Seismological Service. It should be noted that the political situation between the years 1992 and 1995 prevented recordings of most seismic events. Starting in the year 1996, instruments were upgraded and replaced with sufficient back-up batteries in case of power outages.

This network consists of fifteen stations. Nine of the fifteen stations are permanent; three permanent stations are in Armenia, six in Georgia and the other six are portable. There are more than fifteen station locations listed because the portable stations were relocated. Two stations were renamed, Leninakan to Gumri on June 6, 1996 and Kirovakan to Vanadzor on February 9, 1997. These data are in SAC format. There are 323 records from this dataset. Coordinates for the events recorded on the portable stations CHU, OBS, SAB and NAD have not been updated in the SAC files. Figure 3 is a plot of all the station locations within the network, Table 2 lists station locations; Figure 4 plots all events from which data were archived.

Instrument response was never obtained for the stations in this network. Some of the same data for these events were obtained from the European Database and Databank for the years 1990-2005 for the Georgian Region. Some of the information overlaps and there are corrected files available.



**Figure 3.** Station locations for the Georgian-Armenian strong motion network.

Table 2.

Station	ID	Latitude	Longitude	Permanent
AKHALKALAKI	SAKH	41.410N	43.493E	Yes
AMBROLAURI	SAMB	42.522N	43.155E	No
BAKURIANI	SBKR	41.734N	43.502E	Yes
BAVRA	SBVR	41.120N	43.809E	Yes
BOGDANOVKA	SBGD	41.265N	43.600E	Yes
CHUGURETI	SCHU	41.700N	44.810E	No
ERZINCAN-AIRPORT	SERA	39.717N	39.517E	No
ERZINCAN-EKSISU	SERE	39.733N	39.783E	No
ERZINCAN-METRO	SERM	39.752N	39.489E	No
GUMRI	SGMI	40.783N	43.883E	Yes
IRI	SIRI	42.517N	43.551E	No
KIRVOKAN	SKIR	40.804N	44.506E	Yes
LENINAKAN	SLEN	40.796N	43.847E	Yes
NADZALADEVI	SNAD	41.730N	44.810E	No
OBSERVATORY	SOBS	41.770N	44.800E	No
ONI	SONI	42.583N	43.440E	No
ONI-BASE_CAMP	SONB	42.573N	43.436E	No
SABURTALO	SSAB	41.730N	44.740E	No
SACXERE	SACK	42.345N	43.407E	No
SANZONA	SSAN	41.720N	44.780E	No
SPITAK-KARADZOR	SPIK	40.848N	44.320E	Yes
STEPANAVAN	STPV	40.997N	44.396E	Yes
TOROS	STRS	40.928N	43.873E	Yes
VANDZOR	SVNZ	40.804N	44.506E	Yes
ZEMO_BARI	SZEB	42.522N	43.305E	No

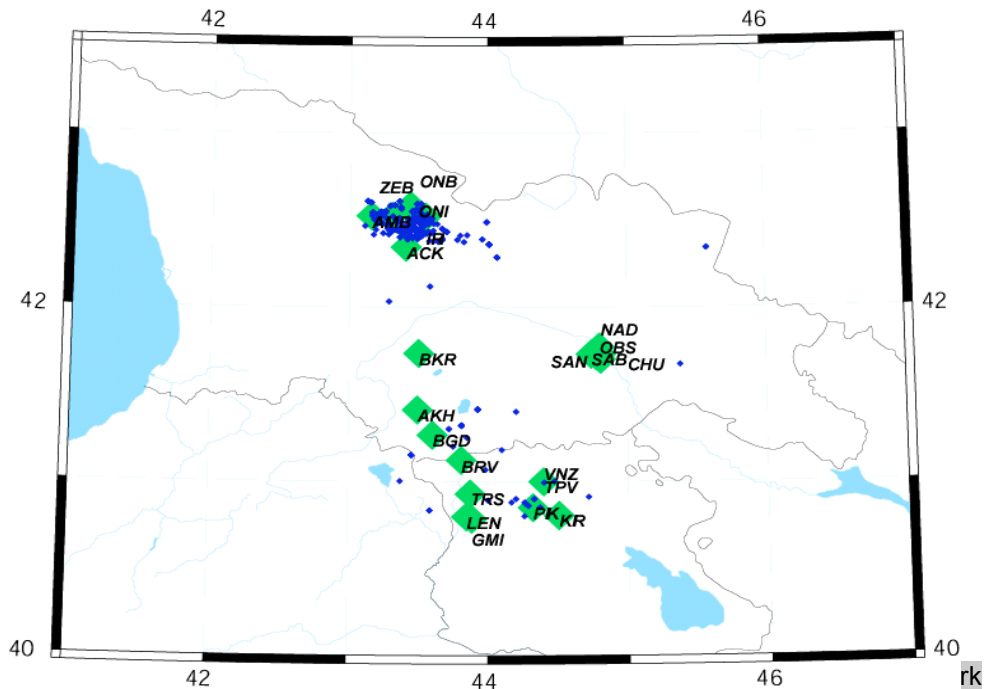
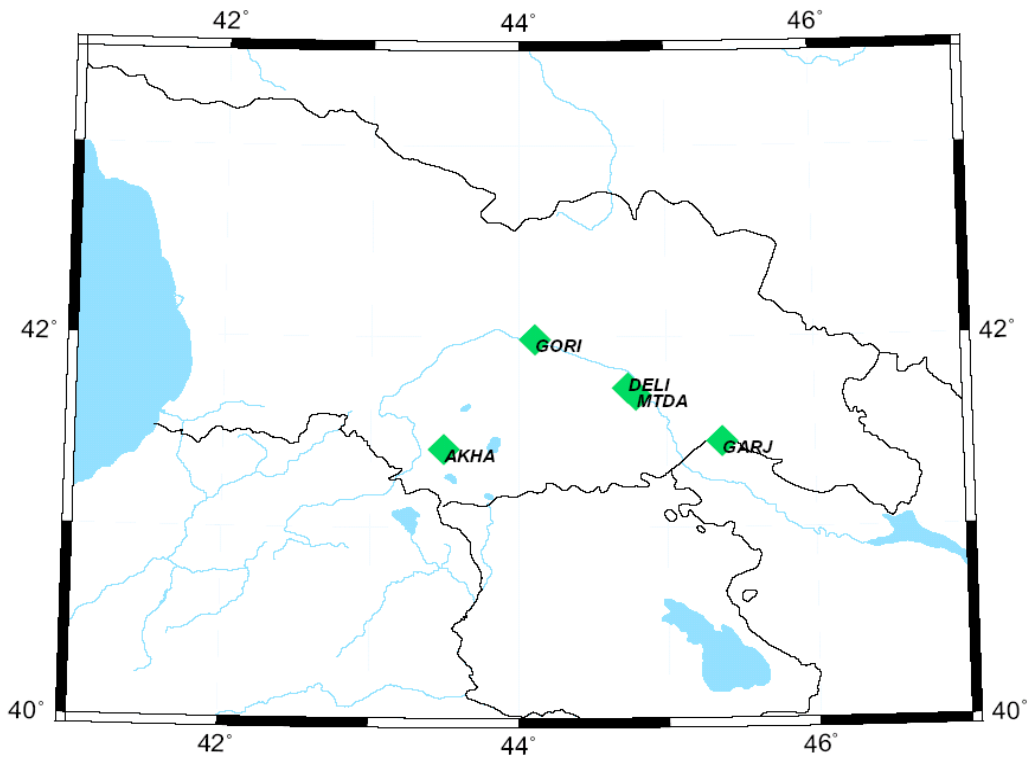


Figure 4. Events for which data were archived.

- Georgian Weak Motion Data

Figure 5 shows station locations the Georgian Weak Motion Network. This network consists of 5 stations, and data are available for the years 2003-2005. These data were obtained from the Seismic Monitoring Center of Georgia along with the instrument response. These data were entered into the database, but because a catalog for the years 2003-2005 has not been obtained the format of the files represents the start time of the machine and not the origin time of the earthquake.



**Figure 5.** Station locations the Georgian Weak Motion Network

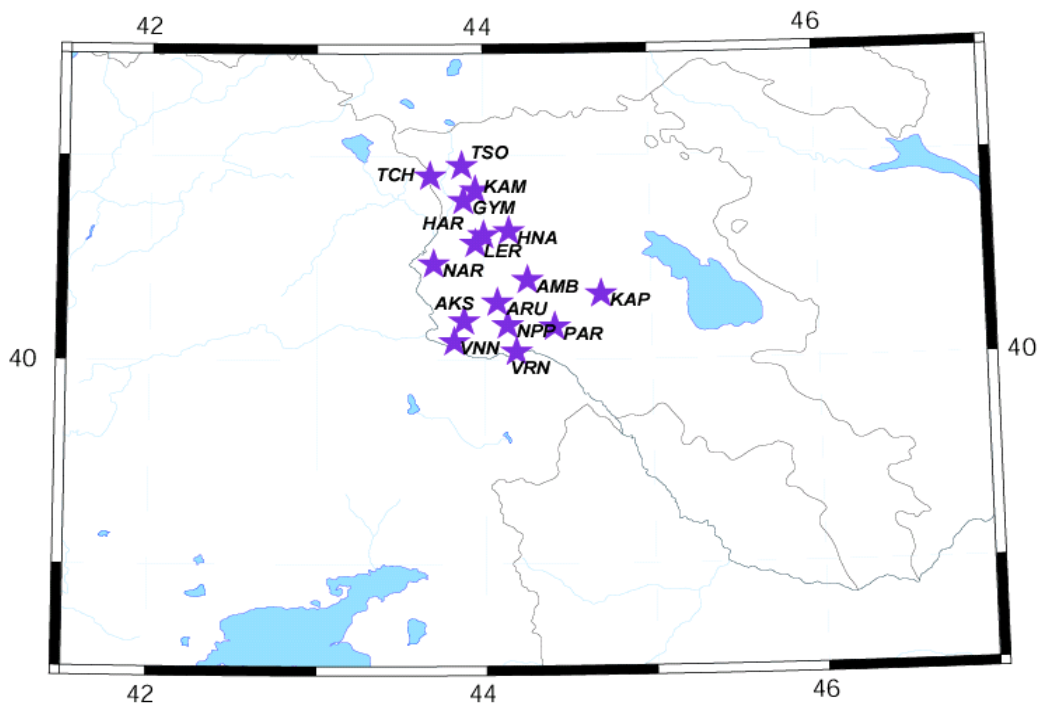
**Table 3.** Station locations.

Station	ID	Latitude	Longitude
AKHALKALAKI	AKHA	41.69393N	43.49279E
	DELI	41.73092N	44.73819 E
	GARJ	41.45071N	45.37317E
	GORI	41.98551N	44.10877E
	MTDA	41.69393N	44.79252E

- Armenian Weak Motion Data

The Armenian weak motion data were supplied by the National Survey for Seismic Protection. These records are from the years 1995-2002. Included with these records are IRIS data from one station (GUM) for the years 1997, and 1999-2002. All the data were received in plain text or ASCII and then converted to SAC. A total of 17 stations, recorded a total of 217 events. Some inconsistencies exist in the number of stations that recorded specific events; either the dataset is not complete or there were equipment failures. Another problem that needs to be addressed is that some of the records contain timing errors; i.e., some stations record the earthquake before its cataloged time. Figure 6 is a plot of the Armenian weak motion network. It can be seen from the plot that the network is concentrated in the northwestern part of Armenia. Table 4 lists station locations. Figure 7 plots events archived from the network.

New data have been obtained for the years 2003-2005. The files have been added to the database and will be updated as soon as catalog information is received.

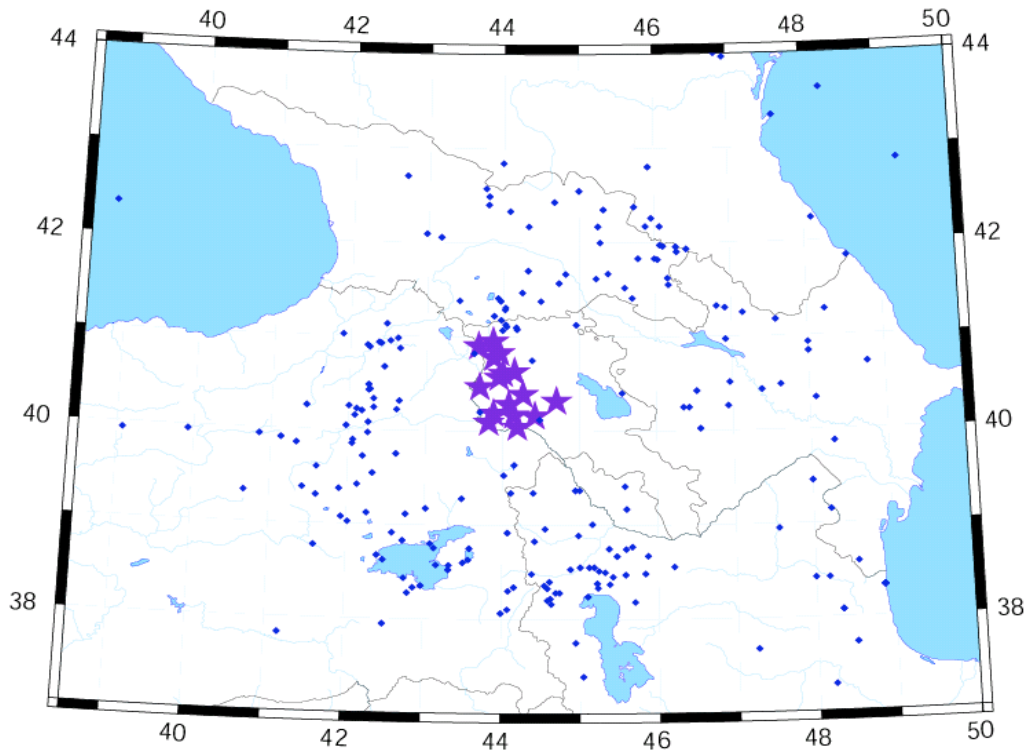


**Figure 6.** Armenian weak motion network



**Table 4.** Station locations.

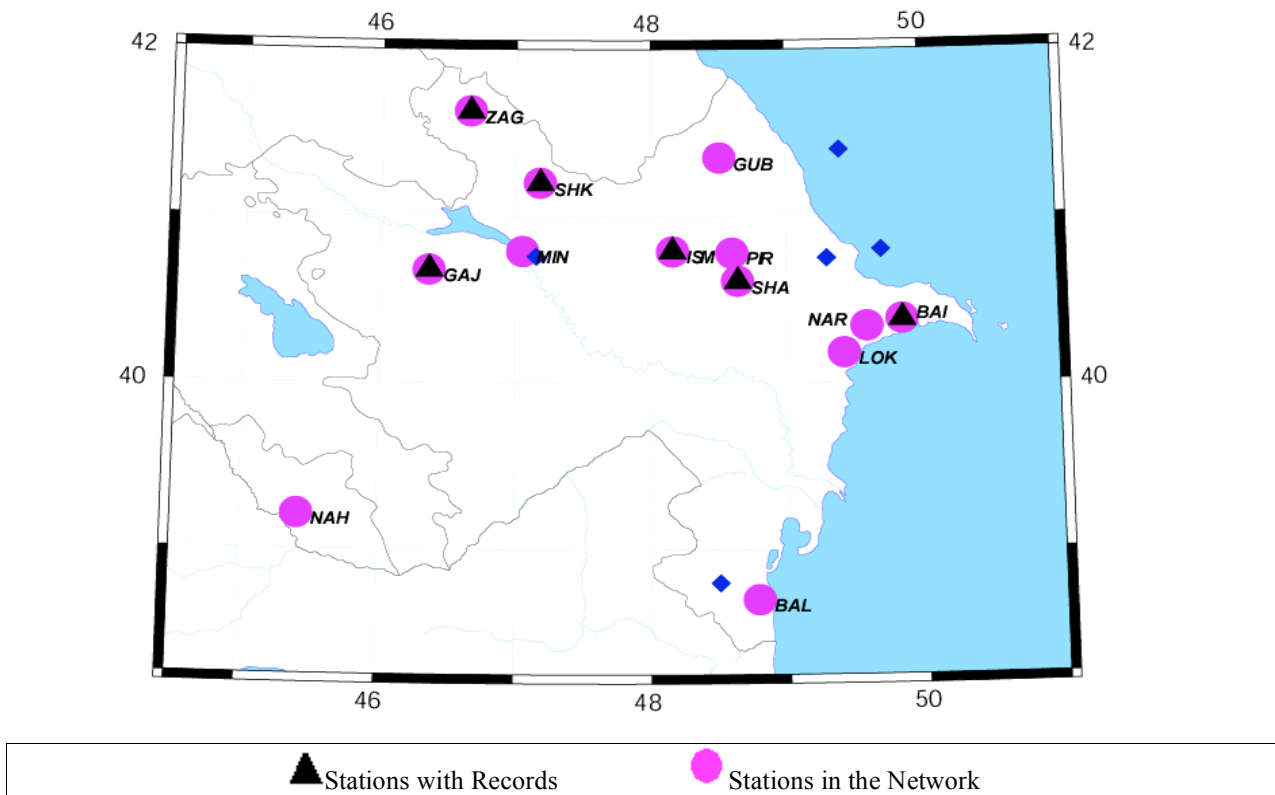
Station	ID	Latitude	Longitude
AMBERD	AMB	40.39	44.26
ARAKS	AKS	40.19	43.88
ARUCH	ARU	40.28	44.08
GYUMRI	GYM	40.78	43.88
HARICH	HAR	40.61	44
HNABERD	HNA	40.63	44.15
KAMO	KAM	40.83	43.95
KAPUTAN	KAP	40.32	44.7
LERNAKERT	LER	40.57	43.95
METSAMOR	NPP	40.17	44.14
NOR ARTIK	NAR	40.47	43.7
PARAKAR	PAR	40.16	44.42
TCHAKHMAKH	TCH	40.9	43.68
TSOGHAMARG	TSO	40.95	43.87
VANAND	VNN	40.09	43.82
VARDANASHEN	VRN	40.04	44.19



**Figure 7.** Events archived from the network.

- Azerbaijan Analog Network

The Azerbaijan analog network was originally the Unified Soviet Network. The Azeri data were supplied in a Microsoft ACCESS database that contained files in EXCEL spreadsheets. The data span the years 1986-2003. Overall, seven stations recorded twelve events for a total of twenty waveform records; each station did not record every event. This dataset has been converted to SAC format. Some inconsistencies exist in the information, i.e. stations' recording only one component or the event is not found in the catalog of the entire Caucasus. For certain earthquakes there is no information in the catalog because they were recorded in 2003 and the catalog only extends to 2002. Catalog information was found in the ACCESS database for the rest of the events; however the epicenter coordinates are missing for a few files. The Azerbaijanians are in the process of supplying the catalog information for the year 2003. The information that was available was put in the header of each SAC file. Although the time representation has no mark of reference, it is known that the time was derived from old type seismograms and the units were relatively separated in an automatic manner. The time the instrument was triggered was available in the database, but this did not correspond to the time for the first record (plot in excel contained time vs. amplitude). It was assumed that the beginning number in the excel file was the begin time of the rupture in reference to GMT time. Figure 8 is a plot of the stations, and events for which data are archived. The pink circles denote stations in the network, black triangles represent that there are waveform data for this station, and blue diamonds are event locations. Table 5 lists station locations.



**Figure 8.** Stations and events of the Azerbaijan Analog Network.

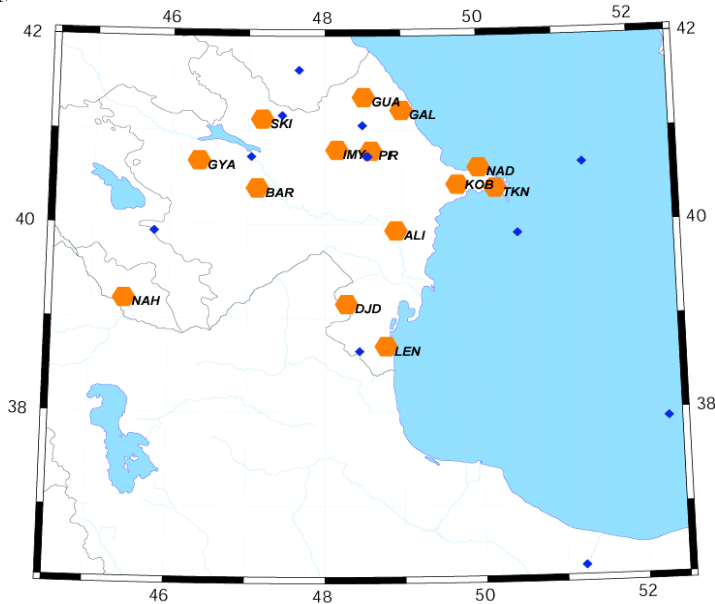
**Table 5.** Station locations

<b>Azerbaijan Analog Stations</b>			
<b>Station</b>	<b>ID*</b>	<b>Latitude</b>	<b>Longitude</b>
BAKU	BAI	40.38	49.85
GUBA	GUB	41.35	48.51
ISMAILLI	ISM	40.79	48.16
MINGECHEV	MIN	40.79	47.05
SHEKI	SHK	41.2	47.18
ZAGATALA	ZAG	41.63	46.66
GYANDJA	GAJ	40.68	46.36
NAHCHIVAN	NAH	39.21	45.42
SHAMAKHI	SHA	40.61	48.64
PIRGULU	PIR	40.78	48.6
BALLABUR	BAL	38.7	48.78
CHILOV I.	CHI	40.19	50.35
LOK-BATAN	LOK	40.18	49.42
NARDARAN	NAR	40.34	49.59
AGDAM	AGD	40.10	47.00
KELBEJAR	KAL	40.10	46.05
JEBRAIL	JEB	39.40	47.02

\*Station ID's created, none exist.

- Azerbaijan Kinematics Network

The Azerbaijan 14 station, Kinematics network is co-located with the Azerbaijan analog network stations, and have the same identification (Table 6). Data obtained span four months: March 27, 2004 through July 3, 2004. After converting these data to SAC format it was discovered that longer, more complete records would be needed. These longer waveforms are in the process of being submitted along with any new recordings. Figure 9 plots station locations and archived events. Table 5 lists station locations.



**Figure 9.** Station locations are orange and events blue.

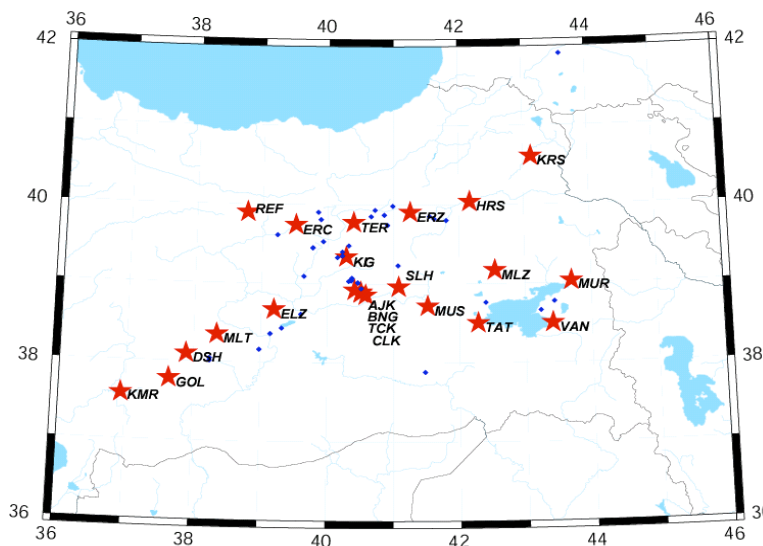
**Table 6.** Digital Station Locations

<b>Azerbaijan Analog Stations</b>			
<b>Station</b>	<b>ID*</b>	<b>Latitude</b>	<b>Longitude</b>
ALI-BAYRAML	ALI	39.95	49.00
BERDE	BRD	40.26	47.18
GALA	GAL	40.41	50.16
GANJA	GAN	40.65	46.32
JELABAD	GLB	39.24	48.39
GOBU	GOB	40.40	49.73
ISMAILLI	IML	40.79	48.18
LENKORAN	LRK	38.71	48.77
NAKHICHEVAN	NAX	39.17	45.49
NARDARAN	NDR	40.58	49.99
PIRGULU	PQL	40.79	48.59
GUBA	GUB	41.36	48.49
SHEKI	SEK	41.21	47.20
	SIZ	41.08	48.9

\*Station ID's created, none exist.

- Eastern Turkey Network (IRIS)

Data from the Eastern Turkey network were obtained from the Kandilli Observatory and Earthquake Research Institute National Earthquake Monitoring Centre. These data are in SAC format. Overall, twenty-two stations recorded thirty-seven events between the years 1979-2004. Some of the data were excluded because there was missing header information. This dataset includes earthquakes magnitude 4.0 and greater. Figure 9 is a plot of the stations in the Eastern Turkey Network, and events archived. Only the eastern part of Turkey was included in the map. Table 6 lists station locations.



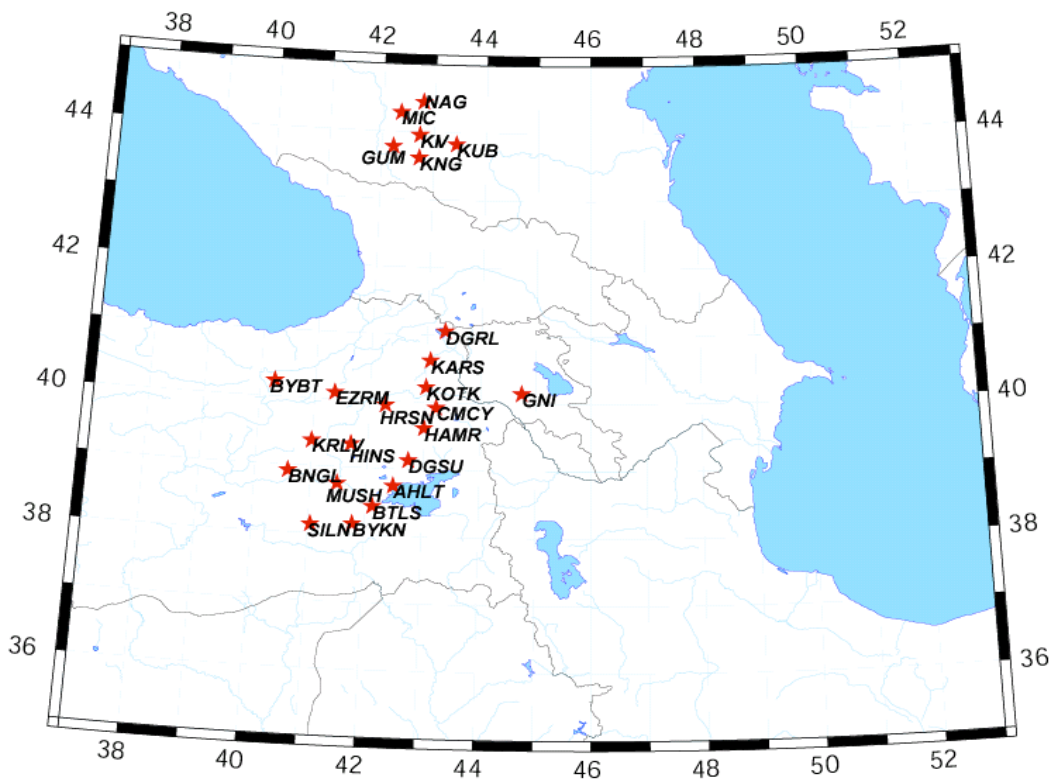
**Figure 9.** Stations in the Eastern Turkey Network (stars), and events (blue dots)

**Table 6.** Station locations.

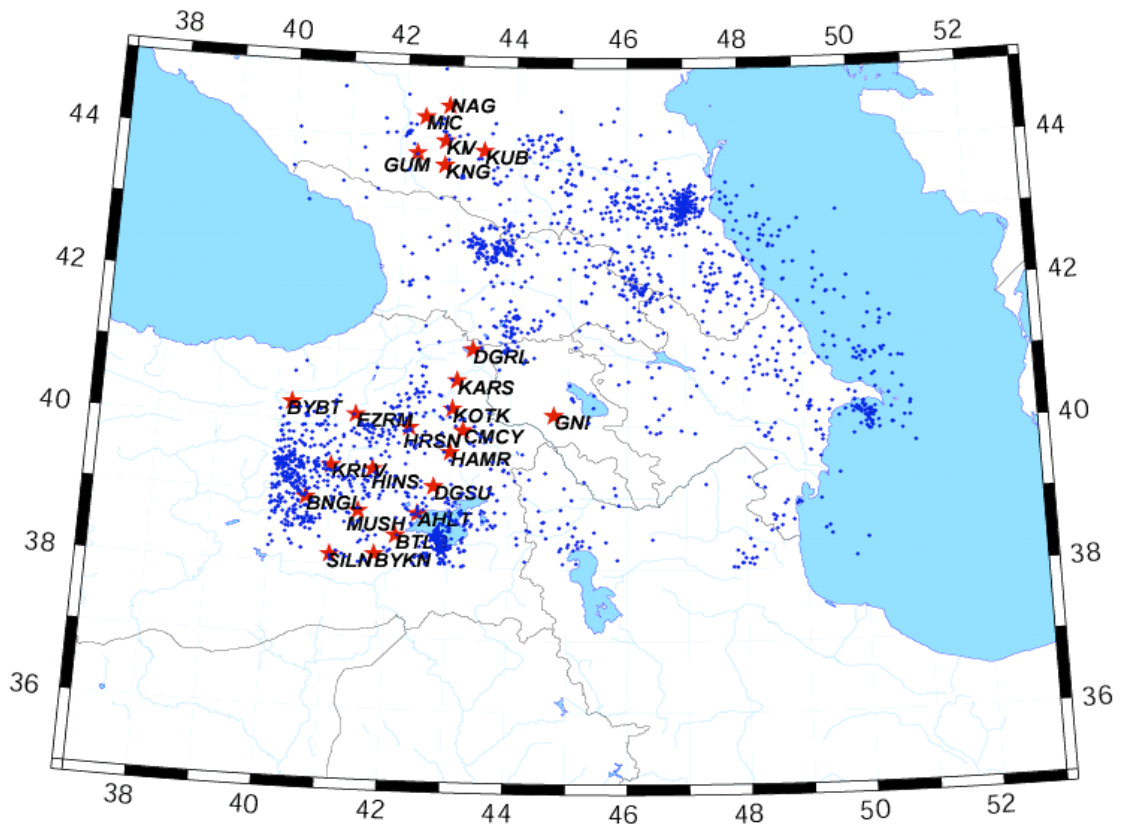
<b>Eastern Turkey Stations</b>			
<b>Station</b>	<b>ID</b>	<b>Latitude</b>	<b>Longitude</b>
ATAPARK JANDARMA KRK.BATI BINGOL	AJK	38.919N	40.410E
BINGOL BINGOL BAY. VE ISKAN MUD.GU	BNG	38.897N	40.503E
BINGOL KARAYOLLARI 84 SUBE SEF.	TCK	38.885N	40.504E
CELTIKSUYU KOYU-TELEKOM BINASI	ÇLK	38.858N	40.577E
DOGANSEHIR METEOROLOJI MUDURLUGU	DSH	38.096N	37.887E
ELAZIG BAYINDIRLIK MUDURLUGU	ELZ	38.672N	39.193E
ERZINCAN BAYINDIRLIK MUDURLUGU	ERC	39.743N	39.512E
ERZURUM METEOROLOJI MUDURLUGU	ERZ	39.906N	41.256E
GOLBASI DEVLET HASTANESI	GOL	37.781N	37.641E
HORASAN METEOROLOJI MUDURLUGU	HRS	40.040N	42.170E
KARS BAYINDIRLIK VE ISKAN MUDURLUGU	KRS	40.620N	48.07E
KIGI METEOROLOJI MUDURLUGU	KIG	39.340N	40.280E
K.MARAS BAYINDIRLIK	KMR	37.580N	36.931E
MALATYA BAYINDIRLIK VE ISKAN MUDURLUGU	MLT	38.350N	38.340E
MALAZGIRT METEOROLOJI MUDURLUGU	MLZ	39.170N	42.540E
MURADIYE KAYMAKAMLIK BINASI	MUR	39.030N	43.700E
MUS BAYINDIRLIK MUDURLUGU	MUS	38.720N	41.520E
REFAHIYE KAYMAKAMLIK BINASI	REF	39.901N	38.769E
SOLHAN OGRETMEN EVI	SLH	38.960N	41.080E
TATVAN TATVAN METEOROLOJI ISTASYONU	TAT	38.503N	42.281E
TERCAN METEOROLOJI MUDURLUGU	TER	39.775N	40.391E
VAN BAYINDIRLIK MUDURLUGU	VAN	38.501N	43.407E

- Caucasus Array (IRIS)

Data were requested from IRIS using JWeed version 2.92, software distributed through IRIS, for the years 1990-2004. The search was limited to events that occurred between Latitude 40° to 51° and Longitude 38° to 45°. During the time period, three different networks recorded in the area: the Global Seismograph Network (II & IU), Caucasus Array (CS), and Eastern Turkey Seismic Experiment (XG). The Global Seismograph Network II had one station located in the region of interest, KIV, and IU had another station GNI, both utilized broadband instruments. The Caucasus Array recorded the years 1992-1994 using short period seismometers at five stations. The Eastern Turkey Seismic Experiment had 16 stations located in our study area and recorded the years 1999-2001 on broadband instruments. There were 1,845 earthquakes recorded on one or more stations from IRIS. Figure 10 shows station locations and Figure 11 shows event locations. Table 7 lists station locations.



**Figure 10.** IRIS station locations.



**Figure 11.** Event locations

**Table 7. Station locations**

<b>Station</b>	<b>ID</b>	<b>Latitude</b>	<b>Longitude</b>
	BYBT	40.23535	40.26550
	BNGL	38.91949	40.59658
	KRLV	39.37462	40.98811
	SILN	38.13523	41.04099
	EZRM	40.10351	41.36365
	MUSH	38.75712	41.48314
	HINS	39.34886	41.69720
	BYKN	38.16654	41.78233
	BTLS	38.43108	42.12383
	GUM	43.7755	42.22800
	HRSN	39.94531	42.28736
	MIC	44.281	42.34800
	AHLT	38.7481	42.47701
	KIV	43.9557	42.72380
	KNG	43.6178	42.72520
	DGSU	39.13115	42.72975
	NAG	44.4443	42.77500
	HAMR	39.61356	42.99273
	KOTK	40.22266	43.00941
	KARS	40.6222	43.06865
	CMCY	39.92054	43.19677
	DGRL	41.05684	43.32675
	KUB	43.8292	43.42900
	GNI	40.148	44.74100

- Historical Waveforms

Some historical waveforms have been digitized, and the digital data are in the process of being converted to SAC.

- Global Seismograph Network II & IU (IRIS)

## Appendix A: Removing Instrument Response

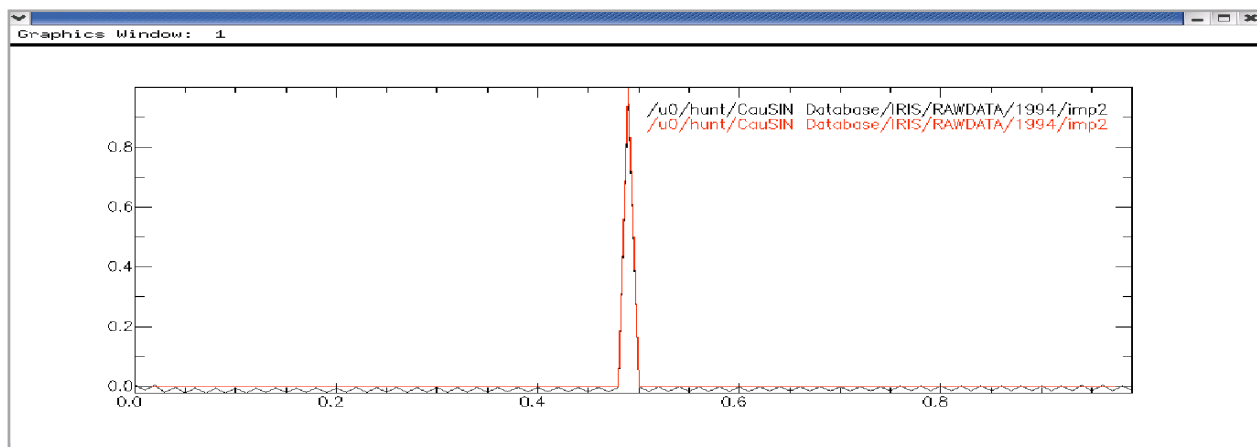
This section gives a brief overview of what instrument response is and how to remove it from the waveform. It also describes in detail, the instrument removal process for each subset of the dataset, along with the software used.

Generally speaking, a raw waveform is the convolution of the signal from the seismic source, instrument response, and the way in which the waves propagate through the ground. For most seismometers the instrument response is known. This response can be determined simply by exposing the instrument to a delta function (boxcar in frequency domain) and seeing how it is recorded by the seismometer. Removing the instrument response can most easily be thought of as a filter. This “filter” is described by the response curves of both the amplitude and phase in the spectral domain or represented by poles and zeros. The poles and zeros describe the shape of the response curve with a series of numbers representing the positions of the poles and zeros in the complex plane.

- Instrument removal from IRIS data

The IRIS data were received in SEED (The Standard for the Exchange of Earthquake Data) format. The SEED file not only contain waveform data, but poles and zeros files, that can be utilized by SAC to deconvolve the instrument response. A program distributed and/or written by IRIS, rdseed, allows the user to remove data from SEED and put it in other useful formats, and in this case, SAC. Options p and d in rdseed were used to attain the poles and zeros files (-p) as well as the waveforms (-d). After, the data were extracted from SEED format using rdseed; the SAC transfer function was used to remove the instrument response. In order, to preserve the data contained in the seismograms, filters were not applied to the broadband instruments. Some of the short period instruments needed to be filtered due to the long period noise in the seismogram and were bandpassed using a Butterworth filter with a corner frequencies at 0.2 and 20HZ.

Adding the instrument response to a delta function and then removing it completed validation of the SAC transfer function. This is represented in the figure below, the red plot is the delta function, and the black represents the convolution then deconvolution of the instrument response. The result was what was expected in all cases, a delta function. The small amplitude sinusoids are a numerical artifact.





- Instrument removal from Armenian Weak Motion

The Armenian weak motion data were received in ASCII format. It was converted to SAC format using the readalpha command in SAC. A polezero file for the instruments in the Network was never obtained. However, a plot of the amplitude spectrum was given as a representation of the SM-3KV instrument response. In order to proceed, the phase shift was assumed to be zero. Deconvolution of the waveform was performed in the frequency domain, using only the waveform's amplitude and the amplitude representing the instrument's response. The units were then verified to be m/s and then changed to cm/s.

- Instrument response for the Azerbaijan Analog Network

Instrument response was never obtained for the Azerbaijan Analog Network.

- Instrument response for the Eastern Turkey Network

The instrument response was already removed by Kandilli Observatory and Earthquake Research Institute National Earthquake Monitoring Centre before it was added to the database.

- Instrument response for the Azerbaijan Kinematics Network

The broadband network run by Azerbaijan is a new Kinematics Network. The instrument types were requested along with the longer waveform records.

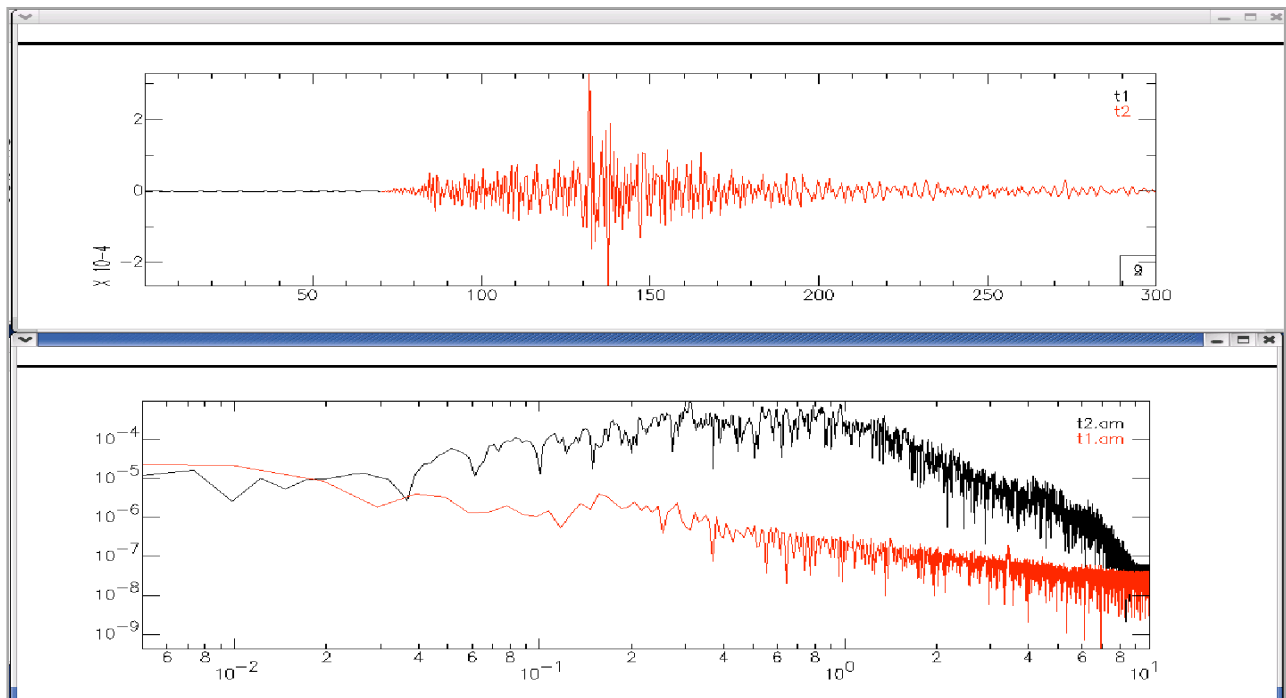
- Instrument response for the Georgian Weak Motion Network

The instrument response for the Georgian Weak Motion Network was given in polezero format and the data were reported to be in nm/s after the instrument response was removed. In the CORRECTED directory in the database the units are cm/s. There are some discrepancies for the instrument response for DELI and GORI; they are running Guralp 40Ts instruments and the polezero files seemed to give erroneous results. A similar type of instrument was found on Iris's website at [www.passcal.nmt.edu/instrumentation/Sensor/Response/response\\_table.html](http://www.passcal.nmt.edu/instrumentation/Sensor/Response/response_table.html), however the poles and zeros were transposed but the numbers were the same. It was assumed that an error was made and the IRIS instrument response was used. The instrument response was removed in SAC using the "transfer" function.

## Appendix B: Quality Assurance of Data

- Signal to Noise Ratio

A program is being written to process data in such a way that detects when the signal to noise ratio is within acceptable parameters and stores this information in the SAC header. This program will separate out poor quality data with a low signal to noise ratio. A sample representing high signal to noise ratio is plotted below in SAC. The frequency range that is of interest is from 0.2Hz to 6Hz. This record is from station KIV recording on channel BHE.



## Appendix C: Events Archived by the CauSIN project

Date	Latitude	Longitude	Mag.	Stations with records
YYMMDDHHMMSS				
000103135457	42.07	40.39	3.6	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000108183319	45.19	42.73	4.3	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000115220810	40.33	39.28	3.6	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000116120338	40.79	39.04	2.9	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000119141535	41.3	38.72	4	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000125181317	42.26	39.91	3.6	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000126132857	40.46	39.13	3.2	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000127101840	41.99	40.2	3.8	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000128001528	40.2	39.23	3.5	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000128232709	46.93	43.14	4.3	AHLT BNGL BYBT BYKN CMCY EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000201194622	41.12	39.07	4.4	AHLT BNGL BYBT BYKN CMCY EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000201201212	41.13	39.46	3.1	AHLT BNGL BYBT BYKN CMCY EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000206164415	46.86	42.82	4	AHLT BNGL BYBT BYKN CMCY EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000210093732	46.9	41.8	4.1	AHLT BNGL BYBT BYKN CMCY EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000210145338	40.74	39.06	3.1	AHLT BNGL BYBT BYKN CMCY EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000213013253	40.34	39.38	3.3	AHLT BNGL BYBT BYKN CMCY EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000216061244	42.47	41.13	3.6	AMB
000216083857	42.37	40.93	3.6	AMB
000223082138	46.03	42.52	4	AHLT BNGL BYBT BYKN CMCY EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000225160820	40.24	39.18	3.1	AHLT BNGL BYBT BYKN CMCY EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000229013421	47.27	42.93	4	AHLT BNGL BYBT BYKN CMCY EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000302103220	44.9	43.41	4.1	AHLT BNGL BYBT BYKN CMCY EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
000307142253	46.36	43.25	4.4	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000308164422	45.62	43.32	4.1	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000309142942	47.65	41.01	4	AHLT BNGL BYBT BYKN CMCY EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000309142943	47.15	41.25	3.6	PAR
000310012234	47.71	42.44	4.2	AHLT BNGL BYBT BYKN CMCY EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000312124803	40	38.79	3.2	AHLT BNGL BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000312134504	40.26	38.82	3.2	AHLT BNGL BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000313170316	43.77	38.78	3.8	AHLT BNGL BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000317075409	42.45	40.67	3.5	AMB
000317121406	42.62	39.75	3.8	AMB
000317121415	42.52	40.37	4	AHLT BNGL BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000318040951	42.38	40.48	4.6	AHLT BNGL BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000319072034	41.27	43.82	4	AHLT BNGL BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000320064522	42.25	40.48	4.2	AMB
000320064532	42.4	40.44	4.1	AHLT BNGL BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000321064652	50.91	39.74	3.8	AHLT BNGL BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000321140740	48.2	40.05	5.2	AHLT BNGL BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000323060852	40.4	38.76	3.2	AHLT BNGL BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000326133045	46.36	42.47	4.1	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000328182727	41.47	38.79	3.9	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000330152702	41.62	38.98	3.5	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000331122450	43	39.49	4	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV MUSH SILN
000407024649	46.93	42.94	4.2	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN

000410013916	40.22	38.53	3.5	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000410034240	48.11	38.07	4.2	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000410123429	44.77	42.84	4	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000410211321	50.11	41.01	3.2	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000410213655	50.37	41.39	3.6	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000411235151	46.98	42.92	4	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000412000130	47.12	43.28	4.7	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000412224949	42.52	40.1	3.4	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH PAR SILN
000412233827	46.92	39.94	4.4	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000413111248	45.18	43.52	3.7	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000415071521	47.03	43.09	4.7	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000415123932	50.25	40.71	4	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000415203918	45.89	42.18	4	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KARS KIV KRLV MUSH SILN
000422084635	48.71	42.04	4.9	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000422084640	48.23	41.27	3.8	AMB
000422220424	50.2	41.8	3.6	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000423160627	46.76	43.43	4	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000424041732	46.61	43.25	3.8	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000424044009	50.06	41	3.7	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000424070935	50.01	41.07	3.7	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000424154516	50.1	40.98	3.8	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000424170457	50.37	41.05	3.6	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000425012758	50.26	41	3.8	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000425061254	46.26	41.86	4.1	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000425084951	50.05	40.88	3.8	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000428221449	40.85	38.62	3.4	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000502161939	45.89	41.23	4.4	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000506220157	48.07	41.57	4.5	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000507023926	50.75	40.93	3.6	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000507045343	45.71	42.49	4.1	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000519053119	48.42	38.54	3.9	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV MUSH SILN
000519123101	44.3	42.5	4.3	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV SILN
000530020057	44.95	42.56	4.3	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KRLV SILN
000602195922	46.96	43.12	4.2	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV SILN
000603054540	45.9	43.7	4	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV SILN
000605235928	42.5	38.71	3.8	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV SILN
000606012607	42.44	38.73	3.1	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV SILN
000609161059	49.63	41.87	3.8	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV SILN
000610075355	48.22	39.14	4.4	AMB
000615203845	41.57	39.08	3.8	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV SILN
000617110838	44.21	43.86	4.2	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV SILN
000617173518	44.18	43.49	4.2	AHLT BNGL BTLS BYKN CMCY DGRL EZRM GNI HINS HRSN KIV KRLV SILN
000627220413	40.14	38.88	3.7	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HRSN KIV KRLV SILN
000629114337	46.32	42.99	4.2	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HRSN KIV KRLV SILN
000629221527	46.51	43.68	4.4	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HRSN KIV KRLV SILN
000630170526	45.81	43.26	3.8	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HRSN KIV KRLV SILN
000702114244	50.02	40.94	4.1	BNGL BTLS BYBT BYKN CMCY EZRM GNI HRSN KIV KRLV SILN
000703070650	49.83	42.08	4.1	BNGL BTLS BYBT BYKN CMCY EZRM GNI HRSN KIV KRLV SILN
000703153554	41.62	39.17	3.4	BNGL BTLS BYBT BYKN CMCY EZRM GNI HRSN KIV KRLV SILN
000705172923	47.57	41.99	4.6	BNGL BTLS BYBT BYKN CMCY EZRM GNI HRSN KIV KRLV SILN
000708172127	42.97	38.25	3.6	BNGL BTLS BYBT BYKN DGRL EZRM GNI HRSN KIV KRLV SILN
000709093604	40.76	39.26	3.6	BNGL BTLS BYBT BYKN DGRL EZRM GNI HRSN KIV KRLV SILN

000709131255	47.32	43.01	4.4	BNGL BTLS BYBT BYKN DGRL EZRM GNI HRSN KIV KRLV MUSH SILN
000710052957	42.29	39.02	3.2	BNGL BTLS BYBT BYKN DGRL EZRM GNI HRSN KIV KRLV MUSH SILN
000714125852	47.17	41.97	4.6	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH SILN
000717045454	41.54	39.31	3.2	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000723102050	40.51	39.33	3.2	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000726082650	46.98	43.05	4	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000729064001	42.41	39.1	3.5	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000730061544	40.33	39.21	2.9	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000730201859	42.6	40.44	3.5	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000731233428	44.62	38.22	3.9	AMB
000807014330	41.96	40.22	3.8	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000807040129	47.12	43.14	4.3	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000819084535	44.17	41.1	3.7	AMB
000819212617	41.44	39.81	4.6	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000825170201	46.97	43.08	4.1	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000825192711	42.61	39.75	3.3	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000830181936	45.53	42.98	4.4	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000901213318	43.39	39.71	2.9	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000904082919	41.65	38.95	3.5	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000904163034	42.12	40.3	3	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000907073037	45.16	39.01	3.5	AMB
000907073233	45.08	38.47	3.8	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000909195238	46.6	42.03	4.6	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000911234304	40.78	39.34	2.9	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000912193437	42.68	44.26	4	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000919094816	47.01	43.01	4.4	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000922022730	47.12	43.38	4.3	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000923204843	40.54	38.62	2.5	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000924063440	47.37	42.47	4.7	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000924063951	47.43	42.42	4.2	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000924071211	43.48	39.28	3.9	AMB
000924071214	43.72	39.49	3.9	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000924073533	47.49	42.42	4.2	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
000927034358	49.59	41.09	4.7	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
001001010407	44.58	42.58	4	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
001016044845	43.12	38.64	3.4	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
001017234743	45.87	41.85	4	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
001021181221	43.93	42.83	4	BNGL BTLS BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
001022131834	45	38.55	3.7	PAR
001022131839	44.56	38.54	3.9	BNGL BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
001027091906	42	44	4	BNGL BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
001027210019	40.38	39.43	3.2	BNGL BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
001028125615	50.52	40.22	3.9	BNGL BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
001028174638	40.28	38.5	3	BNGL BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
001028200019	46.5	39.9	4	BNGL BYBT DGRL EZRM GNI HRSN KIV KRLV MUSH
001101095706	43.1	38.92	3.4	BNGL BYBT DGRL EZRM GNI HINS HRSN KARS KIV KRLV
001101154418	43.19	39	3.6	BNGL BYBT DGRL EZRM GNI HINS HRSN KARS KIV KRLV
001102095708	43.37	39.05	3.6	BNGL BYBT DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV
001102154416	43.93	39.16	3.6	BNGL BYBT DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV
001107094451	49.87	39.87	4.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001114055016	43.38	43.72	4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115150536	42.95	38.41	5.5	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH

001115151357	42.9	38.44	2.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115151544	42.91	38.21	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115151724	42.97	38.15	5	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115152224	42.87	38.05	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115153148	42.78	38.25	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115154037	43.06	38.86	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115160608	42.75	38.43	4.2	PAR
001115160613	42.91	38.59	4.4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115160853	42.81	38.33	3.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115161102	42.86	38.32	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115163023	42.88	38.12	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115164338	43.23	38.02	3.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115164647	42.82	38.26	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115170722	43.01	38.25	3.5	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115171022	42.98	38.38	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115171348	42.72	38.42	2.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115174113	42.96	38.18	3.3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115174413	42.83	38.28	3.5	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115174941	42.86	38.26	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115181610	43.05	38.31	3.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115183211	43.01	38.71	5	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115183858	42.83	38.41	3.4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115185607	42.86	38.2	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115191026	42.86	38.3	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115192629	42.69	38.45	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115193452	43.04	38.08	3.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115193726	42.86	38.37	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115200834	42.93	38.09	3.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115203055	42.87	38.25	3.4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115203433	42.78	38.37	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115204303	42.96	38.05	3.3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115204447	42.74	38.29	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115210424	42.86	38.27	2.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115210730	42.87	38.23	3.5	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115211749	43.27	38.03	3.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115214109	42.84	38.45	2.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001115224147	42.99	38.3	3.4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116021754	42.86	38.45	2.6	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116025751	42.93	38.27	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116031645	42.84	38.49	2.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116031902	42.84	38.35	2.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116040525	42.9	38.22	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116043059	42.99	38.94	2.5	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116051510	42.93	38.21	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116052219	42.99	38.72	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116064229	42.89	38.22	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116092330	42.94	38.43	3.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116120713	42.85	38.41	3.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116132837	42.85	38.49	2.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116140214	42.93	38.4	3.5	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116152700	43.13	38.65	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116164539	42.99	38.3	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH

001116175122	42.85	38.47	2.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116190444	42.96	38.07	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116191145	42.86	38.61	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116200442	42.83	38.45	2.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116211343	42.8	38.27	4	PAR
001116211345	42.98	38.26	3.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001116231957	43.05	38.27	2.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001117002753	42.87	38.33	3.9	PAR
001117002756	42.92	38.24	4.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001117083951	42.92	38.51	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001117093626	42.98	38.25	3.6	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001117133340	42.83	38.36	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001117144933	43.02	38.52	2.6	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001117212646	42.86	38.44	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001117235638	42.87	38.34	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001118011327	42.84	38.49	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001118124322	41.39	39.19	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001118125451	42.89	38.48	3.3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001118154322	46.98	42.95	4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001118180405	42.77	38.42	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001118212445	42.83	38.44	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001118233414	42.82	38.45	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001118235356	42.84	38.17	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119000219	42.92	38.41	3.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119002615	42.81	38.49	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119015629	42.89	38.31	2.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119031628	42.76	38.38	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119033649	42.74	38.45	2.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119044517	42.82	38.39	2.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119075745	42.79	38.52	3.3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119164037	42.88	38.32	3.5	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119164534	42.77	38.38	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119172314	42.83	38.51	3.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119213754	42.8	38.46	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001119214717	45.86	43.02	4.3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001120043307	42.85	38.47	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001120060508	42.81	38.45	3.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001120073443	42.83	38.56	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001120122317	42.86	38.46	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001120172627	42.92	38.35	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001121025741	42.82	38.52	5	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001121105625	42.78	38.46	2.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001121174412	43	38.89	2.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001121202752	42.77	38.5	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001123122328	42.93	38.11	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125002601	48.19	39.18	4.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125005911	42.97	38.32	3.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125011904	42.8	38.42	3.6	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125035847	42.78	38.45	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125110804	42.71	38.37	3.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125180911	49.94	40.22	6	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125181046	49.95	40.19	6.3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH

001125183555	50.16	39.93	3.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125184747	49.93	40.25	4.3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125184913	50.12	40.09	4.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125190502	49.3	40.94	3.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125202533	50.14	40.14	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125204614	49.95	40.2	3.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125210105	50.09	40.12	3.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125211847	49.62	40.13	3.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001125221504	49.95	40.22	3.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126001820	50.12	40.08	3.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126013053	50.24	40.24	3.6	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126014134	50.13	40.06	3.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126021921	50.13	40.2	3.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126023255	50.15	40.12	3.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126040023	49.97	40.23	4.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126063636	50.16	40.03	3.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126070818	46.13	43.32	4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126084758	50.12	39.95	4.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126141651	50.08	40.03	3.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126152545	50.15	40.13	3.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126182306	50.04	40.32	3.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001126213710	50.16	40.18	4.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001127094109	50.22	40.16	3.6	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001127145021	42.86	38.46	2.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001127150535	42.87	38.38	3.3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001127160450	50.21	40.11	3.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001127211654	49.85	40.24	3.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001128001432	50.15	40.19	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001128203726	50.01	40.16	4.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001129020708	50.52	40.01	2.5	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001129104503	50.09	39.97	4.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001130050951	50.07	40.12	4.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001130103007	42.89	38.05	3.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001201140827	50.03	40.27	3.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001201182831	42.75	38.4	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001202153523	47.37	42.46	4.6	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001202154300	50.2	40.14	3.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001202181106	49.89	40.33	3.6	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001202201941	42.82	38.45	3.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001202235433	47.32	42.29	4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001203173755	47.49	42.28	4.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001204024501	42.97	38.97	3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001204034218	50.19	39.97	3.8	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001204083120	42.81	40.1	3.4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001205012014	46.5	43.6	4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001206044507	44.12	41.51	4	AHLT AKS BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001206120415	50.74	40.1	4.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001208062248	44.82	43	4.4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001209065036	44.22	42.53	4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001209083705	43.94	42.38	3.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001209111954	42.81	38.49	2.9	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001209200352	50.48	40.42	3.1	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH



001210034241	42.76	38.74	3.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001211174640	40.1	38.73	2.3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001212022154	49.51	40.33	3.4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001212164331	43.5	39.84	3.7	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001213195257	42.76	38.45	3.2	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001214154536	44.73	41.57	3.5	AMB
001214154538	44.7	41.56	4.3	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001214154542	-12345	-12345	0	STBO
001215134626	43.82	42.88	4	AHLT BNGL BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001222225624	43.18	38.27	3.2	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001223082446	50.11	40.19	4	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001224113047	40.28	38.57	4.4	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001224163022	50.06	40.17	3.7	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001225030017	50.08	40.25	4	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001225175102	43.66	39.8	3.1	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001228020140	47.09	43.27	4.2	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001229003523	43.25	38.42	3.5	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HINS HRSN KIV KOTK KRLV MUSH
001229021403	46.52	41.78	3.7	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001229171725	43.79	38.6	3.4	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001231011142	42.98	38.36	3.1	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001231120935	44.49	41.47	4.2	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001231185135	42.65	38.15	3.6	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
001231190958	42.66	38.19	4	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010101165536	42.3	39.92	3.2	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010104003522	43.21	38.8	3.4	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010105000205	40.93	38.76	3.3	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010105000347	40.64	39.03	2.9	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010106232132	48.03	42.35	4.3	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010107204146	50.29	40.04	3.1	AHLT BNGL BTLS CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010108031741	42.79	38.39	2.8	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KIV KOTK KRLV MUSH
010108131650	42.82	43.98	3.7	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010109000449	47.62	41.6	4	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010110014948	42.8	38.44	2.9	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010110144218	42.15	38.43	2.8	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010111231023	41.51	38.31	2.6	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010112090528	42.24	38.86	3.1	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010112102015	41.63	38.07	3.1	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010112200204	42.81	39.74	2.6	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010114091020	43.03	39.16	3.8	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK KRLV MUSH
010115151406	45.23	38.33	3.6	KAP
010117231430	43.46	39.88	3.2	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KIV KOTK MUSH
010121115153	49.99	40	4	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010121171027	50	40.62	4.3	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010122222650	41.59	38.47	2.3	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010123043814	42.79	38.44	2.8	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010123092753	46.61	40.16	3.5	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH VNN
010123092959	46.54	40.1	4	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010124231845	40.72	38.61	3.1	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010125041823	40.42	38.67	3.6	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010125184521	43.39	39.98	3.3	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010128080007	46.42	40.69	4	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010128230239	42.99	38.51	3.5	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV

010129150307	40.69	38.57	3.1	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010129162507	49.6	39.33	4	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010129214958	46.6	42.9	4	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010130070123	43.29	38.24	3.5	AHLT BNGL BTLS DGRL DGSU EZRM HAMR HINS HRSN KARS KIV KOTK KRLV
010131025444	44.14	41.94	3.7	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010131120211	47.85	43.11	4	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010201024253	44.6	38.66	4.3	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010203005104	41.13	39.21	3	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010203161638	45.65	41.41	4.2	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010204065245	43.93	42.41	4.4	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010205050054	50.3	39.94	2.7	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH
010205072743	43.64	42.28	4.2	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010205175805	46.16	43.51	4.2	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010205190221	48.6	38.61	2.8	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010206003051	44.67	43.27	4	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010210110219	50.84	40.1	2.8	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010210204219	43.57	38.63	3.8	PAR
010210204225	43.55	38.8	4	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010211192219	50.69	39.92	2.9	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010215022352	40.54	39.05	2.8	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010216101755	42.03	44.03	4	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010216142935	50.04	38.42	3.1	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010217144113	43.22	38.39	3.3	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010221221323	42.52	38.71	3	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010222014105	47.35	43.17	4	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010222014641	47.39	43.2	4.5	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010225164602	50.13	39.93	2.8	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010227055454	46.69	42.83	4	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010227061209	40.02	39	3.3	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010227214411	41.39	38.56	3.2	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010311012248	40.58	38.58	3.1	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010311105705	46.33	41.74	3.7	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010313012714	40.13	38.82	2.9	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010314113800	41.84	38.98	3.2	AHLT BNGL BTLS DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010315165310	40.11	39.38	2.9	AHLT BNGL BTLS BYBT DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010318005209	45.06	42.2	3.9	AHLT BNGL BTLS BYBT DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010325095601	40.43	39.11	2.9	AHLT BNGL BTLS BYBT DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH
010329200259	40.62	38.65	3	AHLT BNGL BTLS BYBT DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV
010331172017	41.62	39.16	3	AHLT BNGL BTLS BYBT DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV
010401203722	40.02	39.5	2.9	AHLT BNGL BTLS BYBT DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV
010403213002	40.44	39.03	2.9	AHLT BNGL BTLS BYBT DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK
010410013159	49.33	39.79	4.2	AHLT BNGL BTLS BYBT DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK
010410022014	46.55	42.13	3.9	AHLT BNGL BTLS BYBT DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK
010411040531	43.46	42.49	4	AHLT BNGL BTLS BYBT DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010413103327	42.66	44.19	4	AHLT BNGL BTLS BYBT BYKN DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010417095338	48.97	41.74	4.2	AHLT BNGL BTLS BYBT BYKN DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
010419090256	46.81	42.68	4	AHLT BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
010420143112	42.88	39.7	4.6	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
010420214752	44.34	39.25	3.6	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010420223934	44.93	43.44	4	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010421055757	49.9	40.22	4	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010421144850	46.04	43.2	4.3	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN

010422163022	46.81	43.19	4.2	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
010423040919	45.72	43.21	4.4	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010428035955	40.44	38.72	3.5	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010428225251	50.06	40.23	3.6	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
010429163409	48.52	40.04	4.9	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
010507195148	45.01	43.9	3.5	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010507203458	45.11	43.8	4.1	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010507203916	45.09	43.79	4.3	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010507220724	44.96	43.53	3.8	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010507224821	45.01	43.87	3.4	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010507225115	44.95	43.66	3.9	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010507234345	45.02	43.85	3.7	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010508002010	44.97	43.66	3.8	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010508033925	41.26	39.21	3.5	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010510025639	45.92	41.84	4	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK MUSH SILN
010511123033	40.04	38.68	4.2	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
010513021901	44.33	43.82	3.5	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010517015829	42.08	43.54	3.5	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010518202922	41.55	38.34	2.6	AHLT BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010520202929	49.79	40.47	4.3	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010520214705	42.89	38.28	3.1	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010521004912	49.33	39.85	3.2	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010524171532	41.39	39.83	3.4	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010525013652	40.44	39.02	2	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010526175703	43.11	38.02	3.1	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010528075050	45.79	43.16	4.2	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010529131429	41.67	39.84	4.6	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010529131433	41.55	39.85	4.6	ERZ ERZ ERZ
010529141550	41.81	39.8	4.5	ERZ ERZ ERZ
010529224540	43.23	39.04	3.4	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010530222351	41.81	39.8	3.1	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010531071453	45.69	43	4.3	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010601010020	40.08	38.26	3	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010601042838	49.96	40.99	4.2	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010601110042	40	38.89	3.2	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010601141451	40.35	39.08	3.4	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010604184746	41.64	39.95	3.3	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010605144255	48.86	42.77	4.1	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010606094159	40.78	38.61	2.9	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010606122652	40.7	38.57	2.7	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010606155147	40.01	38.89	3.6	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010607220831	42.82	38.24	3	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010607230448	40.08	38.83	3.3	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010607231339	42.88	38.07	3	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010608105027	48.35	41.98	4.4	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010608152553	42.83	38.54	3.3	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010613053237	40.58	38.61	3.3	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010615074921	42.48	38.8	3.8	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010617005420	40.53	39.3	3.1	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010617010146	42.74	38.43	2.9	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010617112215	45.81	39.04	4.4	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010617182108	41.33	40.09	3.6	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN

010618021255	46.74	43.53	4	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010620095432	42.97	38.57	2.9	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010620204200	47.84	38.03	3.3	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010621220751	42.32	38.97	3.6	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010626192841	41.69	39.9	4.3	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010627070729	42.02	39.8	3.3	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010627215829	47.88	42.1	4.6	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010701082430	47.95	41.33	4.2	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010703080724	43.39	39.13	3.3	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010704012849	47	42.97	4.9	BNGL BTLS BYBT BYKN CMCY DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010706095643	46.12	41.67	4	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010708062623	40.47	39.46	3.5	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010708170342	46.15	42.07	4.6	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010708170436	46.17	41.62	3.7	HAR KAP
010709053705	45.73	43.14	3.9	BNGL BTLS BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010709184921	40.27	39.33	3.5	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010710005520	41.18	39.77	3.2	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010710010705	41.18	39.8	2.8	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010710111333	45.73	42.38	3.9	KAP
010710111334	45.42	42.01	4.5	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010710152448	40.02	38.81	2.7	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010710153847	41.57	39.97	3.4	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010710161433	41.47	39.98	3	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010710173617	41.63	39.94	3.1	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010710214204	41.62	39.827	5.4	ERZ ERZ ERZ
010710215656	41.57	39.88	3.4	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010710230656	41.61	39.85	2.8	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010710234621	41.54	39.94	3.1	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010710235247	41.45	39.94	3.2	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010711230659	41.61	39.85	3	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010711232225	41.03	39.74	2.8	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010711234620	41.52	39.94	3	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010711235248	41.52	39.9	3	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010712004625	41.54	39.12	3.1	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010712021449	46.2	43.11	4.4	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010713122206	48.97	40.72	3.8	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010713183132	44.34	41.37	4	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010714103726	40.9	39.5	3.5	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010718102346	41.66	44.04	4	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010722120959	43.89	43.16	4	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010722133422	43.68	42.37	4	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010722222016	43.17	38.77	2.9	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010723205722	40.33	38.49	2.7	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010725011443	40.39	38.52	2.9	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010725132815	43.12	44.05	4	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
010727180719	40.43	38.79	2.9	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010729013621	47.19	40.57	4.3	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010729190118	48.38	42.04	4.1	BNGL BYBT BYKN DGRL EZRM GNI HAMR HINS HRSN KARS KIV KOTK SILN
010801095903	40.68	39.18	3.1	BNGL BYBT BYKN GNI HAMR KIV KRLV SILN
010804031010	40.55	39.19	2.1	BYKN GNI SILN
010807033854	48.41	42.19	4	GNI KIV
010811034528	48.38	42.22	4	GNI KIV

010812090933	40.18	43.84	3.8	GNI KIV
010819084933	42.68	44.08	4	GNI KIV
010821081153	45.18	43.54	4.2	GNI KIV
010824110251	42.87	38.2	3.3	GNI KIV
010824114656	42.85	38.45	3	GNI KIV
010829063523	47.27	43	3.5	GNI KIV
010829133802	46.92	42.69	3.5	GNI KIV
010902045036	46.04	42.07	3.8	GNI
010902053127	45.95	42.09	4.2	GNI
010902220543	40.1	38.7	3.9	GNI
010904072748	46.11	43.07	3.7	GNI
010905045905	42.73	44.08	4	GNI
010905224123	45.82	42.44	4.2	GNI KIV
010906104952	46.14	42.03	3.9	GNI KIV
010906215603	48.51	42.88	3.9	GNI KIV
010911020209	47.85	40.98	4.3	GNI KIV
010911023727	46.58	42.04	4.1	GNI KIV
010912152129	46.68	43.13	4	GNI KIV
010912170820	42.52	39.11	3.2	GNI KIV
010913122719	42.53	38.28	3.6	GNI KIV
010913132949	42.58	38.34	4	GNI KIV
010917050545	42.52	38.15	3.9	GNI KIV
010917184623	43.64	42.76	4	GNI KIV
010919235400	45.97	42	4.2	GNI KIV
010923011408	49.22	39.92	4.3	GNI KIV
010925154218	40.69	38.46	3.6	GNI KIV
010925161919	46.07	43.08	3.8	GNI KIV
010925173631	46.32	41.7	4.1	GNI KIV
010928083022	46.26	42.3	4.3	GNI KIV
011001124814	46.06	43.66	4	GNI KIV
011001175217	47.33	41.62	4.3	GNI KIV
011002010627	42.3	38.98	3.5	GNI KIV
011004020800	42.69	40.19	3.4	GNI KIV
011007220526	40.58	38.55	3.4	GNI KIV
011010212231	40.13	39.09	3.6	GNI KIV
011011204037	43.13	38.67	2.9	GNI KIV
011012015149	40.1	39.19	3.5	GNI KIV
011013080710	43.39	38.61	2.8	GNI KIV
011014191306	45.95	42.1	4	GNI KIV
011016110213	42.61	38.19	3.1	GNI
011016231917	40.45	39.38	3.2	GNI
011017025146	40.23	39.42	3.3	GNI
011018215432	42.32	39.7	2.6	GNI KIV
011022100923	46.6	42.92	4	GNI KIV
011022121110	42.18	44.17	4	GNI KIV
011024185109	40.58	38.79	2.7	GNI KIV
011026133645	46.45	42.37	4.2	GNI KIV
011026144653	42.05	42.46	4	GNI KIV
011027003611	40.32	38.94	2.3	GNI KIV
011028041105	45.85	42.76	4	GNI KIV
011030043145	47.31	41.47	4.6	GNI KIV
011030114327	41.23	39.19	3.1	GNI KIV

011030224705	43.9	42.8	4	GNI KIV
011101233653	48.67	42.64	4.3	GNI KIV
011102000249	48.74	39.81	3.3	GNI KIV
011102011128	43.89	42.72	4	GNI KIV
011105160713	45.35	43.04	3.8	GNI KIV
011108024937	46.6	41.64	3.9	GNI KIV
011108073006	43.02	38.5	3.4	GNI KIV
011110034839	41.67	38.4	3.2	GNI KIV
011116024424	43.24	38.35	3.8	GNI KIV
011123200126	45.46	42.23	4.1	GNI KIV
011124033640	50.22	40.16	3.4	GNI KIV
011126052423	48.71	40.63	4	GNI KIV
011126070232	46.37	42.84	3.7	GNI KIV
011128103542	41.63	39.66	3.8	GNI KIV
011129193639	41.33	39.85	4.1	NAR
011129193642	41.56	39.76	4.2	GNI KIV
011201154116	41.66	39.48	3.8	GNI KIV
011201220330	43.3	38.62	2.8	GNI KIV
011202024646	43.57	38.65	2.9	GNI KIV
011202041146	43.08	38.8	4.5	AMB
011204094028	43.26	38.59	4.2	GNI KIV
011204094031	43.13	38.75	3.7	AMB NAR
011204094312	43.33	38.66	3.8	GNI KIV
011208145709	44.81	43.34	4.3	GNI KIV
011212010258	44.94	43.24	4.4	GNI KIV
011215022636	50.01	40.19	3.8	GNI KIV
011215043149	42.37	38.6	4	GNI KIV
011215043151	41.9	39.37	4.2	AMB
011215055730	42.48	38.84	3.1	GNI KIV
011216193938	42.08	39.25	3.4	GNI KIV
011220154930	40.09	39.27	3.4	GNI KIV
011223072907	44.49	43.76	4.3	GNI KIV
011223124143	44.46	43.9	3.8	GNI KIV
011223124625	44.64	44.07	3.8	GNI KIV
011223125009	44.54	43.96	3.9	GNI KIV
011223133303	44.57	43.76	3.8	GNI KIV
011223134518	44.71	43.86	3.9	GNI KIV
011223151239	44.76	43.86	2.9	GNI KIV
011223151633	44.71	43.85	4.1	GNI KIV
011223221856	45.62	42.99	3.8	GNI KIV
011224204110	48.34	39.86	3.7	GNI KIV
011225060300	44.75	44	3.9	GNI KIV
020102010813	47.5	41.92	3.8	GNI KIV
020104214843	47.98	42.13	3.9	GNI KIV
020105030816	50.4	41.02	3.6	GNI KIV
020106153907	46.07	42.28	4.1	GNI KIV
020107175318	43.79	40.78	3.5	GNI KIV
020109013139	49.96	40.22	3.5	GNI KIV
020110053147	45	43.59	3.5	GNI KIV
020110141218	48.55	42.65	3.5	GNI KIV
020112055249	45.52	44.22	3.8	GNI KIV
020112075702	44.7	43.93	4	GNI KIV

020113012509	46.58	42.09	3.9	GNI KIV
020114122557	44.8	44.39	4	GNI KIV
020116033555	41.88	39.04	3.1	GNI KIV
020116201031	40.29	38.65	3.6	GNI KIV
020117060825	40.31	38.68	3.5	GNI KIV
020122005808	46.54	43.34	4	GNI KIV
020123165345	40.49	38.6	3.2	GNI KIV
020124035555	46.6	41.86	4.3	GNI KIV
020124042726	43.05	43.48	4.1	GNI KIV
020124072359	48.46	38.76	4.1	GNI KIV
020124072738	47.94	38.09	3	GNI KIV
020127001319	46.1	41.23	4	GNI KIV
020127005022	44.24	43.75	4	GNI KIV
020130064327	45.4	43.47	3.8	GNI KIV
020130160802	50.24	40.16	3.6	GNI KIV
020201064210	48.25	40.98	3.5	GNI KIV
020202162458	48.1	41.43	4	GNI KIV
020204015330	44.1	41.11	4.1	GNI KIV
020204015335	44.18	41.08	3.8	NPP
020204123633	46.77	43.23	4.3	GNI KIV
020206073029	42.22	43.76	3.9	GNI KIV
020209005234	40.3	39.16	3.1	GNI KIV
020209033119	40.48	39.15	3.6	GNI KIV
020209033418	40.3	39.18	3.5	GNI KIV
020210005828	46.09	42.45	4.2	GNI KIV
020210115632	45.33	43.15	4	GNI KIV
020211161834	50.18	40.03	4.9	GNI KIV
020211211956	50.18	39.99	4.1	GNI KIV
020212013230	47.74	41.87	3.6	GNI KIV
020212201202	45.27	42.23	4	GNI KIV
020216131804	45.24	43.01	4	GNI KIV
020219113946	50.2	40.92	3.5	GNI KIV
020220023146	40.37	38.88	2.5	GNI KIV
020220193358	48.34	42.67	3.8	GNI KIV
020222020322	49.92	41.04	4.5	GNI KIV
020222195212	49	41.38	4.4	GNI KIV
020225002641	40.89	40.04	3.3	KIV
020225123713	48.18	41.94	4	GNI KIV
020226221810	48.17	41.86	4.2	GNI KIV
020228211649	45.01	43.38	4.2	GNI KIV
020302114714	46.56	39.92	4.3	GNI KIV
020302145639	40.16	39.44	3.2	GNI KIV
020305065425	45.38	38.37	3.8	AMB
020305065426	45.24	38.33	4	GNI KIV
020306191301	44.36	38.52	4.1	GNI KIV
020306191359	44.58	38.33	4.3	KAM
020307013114	44.08	38.3	3.9	AMB
020314083042	44.61	39.34	3.8	GNI KIV
020314125659	44.18	39.34	3.9	GNI KIV
020317041546	45.78	41.83	4.1	AMB GNI KIV
020318025548	42.08	39.25	3	GNI KIV
020319010501	40.49	39.09	3	GNI KIV

020319104508	42.16	43.9	3.7	GNI KIV
020319120415	42.08	44.18	3.7	GNI KIV
020319190129	40.46	38.98	3	GNI KIV
020320103353	46.37	43.06	4.2	GNI KIV
020321013643	44.69	43.86	4	GNI KIV
020321101339	43.81	42.77	4.2	GNI KIV
020323171707	45.77	41.96	3.8	GNI KIV
020323174859	43.02	43.45	4.2	GNI KIV
020323184252	43.64	40.17	3.5	GNI KIV
020327023524	49.28	42.41	4.3	GNI KIV
020327224026	40.02	38.21	2.8	GNI KIV
020327235723	43.54	42.35	4	GNI KIV
020329140319	46.03	41.28	3.6	GNI KIV
020329230100	48.18	41.68	3.8	GNI KIV
020330140207	41.63	44.24	3.8	GNI KIV
020330181448	41.56	38.92	3.3	GNI KIV
020331004917	43.38	42.32	3.8	GNI KIV
020401012808	40.71	38.64	2.4	GNI KIV
020404090754	45.79	43.22	4.2	GNI KIV
020404141314	40.55	38.53	2.8	GNI KIV
020405052604	43.05	43.45	4.1	GNI KIV
020407014221	43.57	44.07	4.1	GNI KIV
020407225030	45.25	38.4	4.6	GNI KIV
020411004117	42.44	40.3	3.9	GNI KIV
020411163824	44.71	41.57	4.3	GNI KIV
020412155936	43.07	43.45	4	GNI KIV
020414222340	50.04	40.31	3.7	GNI KIV
020417214842	48.49	42.54	3.5	GNI KIV
020418121447	46.57	40.02	3.6	AMB
020418171812	40.32	39.09	2.9	GNI KIV
020418183428	42.66	38.16	3.2	GNI KIV
020418190147	42.66	38.13	3.1	GNI
020419092219	48.01	42.69	4	GNI KIV
020419170606	47.58	42.54	4	GNI KIV
020421071744	47.21	43.03	3.5	GNI KIV
020421174425	40.74	39.34	2.6	GNI KIV
020421185608	42.81	38.54	2.9	GNI KIV
020422130030	47.22	43.17	3.7	GNI KIV
020423115515	45.61	43.61	4.3	GNI KIV
020424051014	47.22	43.05	4.1	GNI KIV
020425174122	44.82	41.76	4.3	GNI KIV
020427184619	49.25	41.92	3.9	GNI KIV
020428083221	46.35	40.84	4	GNI KIV
020501180542	44.92	42.79	4.1	GNI KIV
020505163140	40.24	39.7	3.3	GNI KIV
020508045159	41.39	39.2	2.9	GNI KIV
020508172402	40.39	38.5	2.9	GNI KIV
020511003321	44.72	43.9	3.8	GNI KIV
020513060738	48.17	42.93	3.9	GNI KIV
020513165928	48.28	42.92	4.1	GNI KIV
020515181744	46.02	43.34	3.8	KIV
020516145233	44.26	43.15	3.8	GNI KIV



020517121723	42.46	38.13	3.1	GNI KIV
020518020935	42.77	44.03	4.1	KIV
020518121747	40.19	38.85	2.9	KIV
020525014504	43.73	39.04	3.1	GNI KIV
020526190410	42.78	40.41	3.2	GNI KIV
020529054948	48.06	39.29	3.4	GNI KIV
020529234541	47.02	42.7	3.9	GNI KIV
020531213813	48.76	40.44	4.2	GNI KIV
020601054348	48.63	41.17	4	GNI KIV
020602032658	49.87	40.17	4.6	GNI KIV
020602122214	44.9	43.27	3.9	GNI KIV
020602123923	44.65	42.84	4.3	GNI KIV
020603185052	43.21	38.22	3.5	GNI KIV
020605105443	49.1	40.26	4.1	GNI KIV
020605111942	49.1	40.22	5	GNI KIV
020605140742	49.11	40.31	4.8	GNI KIV
020606001555	43.69	39.39	3.4	GNI KIV
020606202931	40.18	38.81	2.6	GNI KIV
020609031218	45.37	38.31	3.8	GNI KIV
020610040517	43.01	38.78	3.4	GNI KIV
020612133153	46.96	42.84	3.9	GNI KIV
020612231115	41.94	39.89	3	GNI KIV
020612235040	45.07	43.36	4.2	GNI KIV
020613140555	42.59	38.96	2.8	GNI KIV
020614145102	44.94	43.23	4.2	GNI KIV
020615115128	47.83	42.99	3.7	GNI KIV
020615222853	46.99	43.24	4	GNI KIV
020615223433	46.93	43.2	3.5	GNI KIV
020615231504	48.34	42.75	3.8	GNI KIV
020616104142	46.39	42.51	4.5	GNI KIV
020616213547	47.93	42.87	4.2	GNI KIV
020619160845	46.86	42.82	3.7	GNI KIV
020619161811	41.42	39.43	3.2	GNI KIV
020620070733	48.55	41.75	3.9	GNI KIV
020620135502	45	38.64	4.1	GNI KIV
020620141702	46.2	38.55	4	AMB
020620164858	47.47	42.69	3.7	GNI KIV
020620201106	48.4	42.66	3.8	GNI KIV
020621063451	43.73	43.4	3.9	GNI KIV
020621084723	43.84	43.48	3.8	GNI KIV
020621095208	43.63	43.38	3.9	GNI KIV
020621135148	43.68	43.36	3.8	GNI KIV
020623043803	44.63	43.82	3.8	GNI KIV
020624201609	46.85	43.2	3.9	GNI KIV
020627142909	46.84	43.29	4.2	GNI KIV
020627144155	46.91	43.16	4.1	GNI KIV
020627212449	41.17	38.98	3.9	GNI KIV
020629050940	40.67	38.61	3.3	GNI KIV
020629081032	47.72	42.87	3.7	GNI KIV
020629101520	47.74	43.21	3.7	GNI KIV
020629101532	47.75	43.41	4.1	GNI KIV
020629101848	47.76	43.11	3.7	GNI KIV

020629105600	47.95	43.22	4.3	GNI KIV
020629111056	47.48	43.49	3.8	GNI KIV
020701051758	42.3	39.9	4.1	GNI KIV
020701052920	42.2	39.89	3.3	GNI KIV
020701210344	46.48	41.87	3.9	GNI
020701213324	42.25	39.88	3.5	GNI
020702023150	40.48	38.63	2.7	GNI
020702133335	48.48	42.51	3.8	GNI
020702224726	49.41	42.08	3.9	GNI
020704120249	41.3	39.86	3.1	GNI KIV
020705203853	48.08	42.02	3.7	GNI KIV
020706043039	42.36	41.13	4.1	GNI KIV
020706043057	42.52	40.95	3.5	AMB NAR
020707012504	40.23	39.35	3.1	GNI KIV
020707151254	49.2	40.86	4.2	GNI KIV
020710040517	43.01	38.78	3.4	GNI KIV
020710172810	47.65	43.17	3.7	GNI KIV
020711054301	47.11	43.01	3.8	GNI KIV
020712231115	41.94	39.89	3	GNI KIV
020713140555	42.59	38.96	2.8	GNI KIV
020714005314	43.68	42.74	3.9	GNI KIV
020714172026	40.49	39.09	2.9	GNI KIV
020717132409	48.3	42.96	4.1	GNI KIV
020717193038	46.68	42.79	3.8	GNI KIV
020718001325	41.68	39.23	2.8	GNI KIV
020718113431	46.98	42.88	3.8	GNI KIV
020721004838	40.13	39.55	3.2	GNI KIV
020721040618	43.18	39.43	3.6	GNI KIV
020722192858	45.69	43.74	3.7	KIV
020723124815	47.13	42.99	3.7	GNI KIV
020725032049	44.36	42.84	3.8	GNI KIV
020725125751	46.89	42.81	3.4	GNI KIV
020725130122	42.03	44.05	3.5	GNI KIV
020725212402	44.95	43.07	4	GNI KIV
020726184552	41.34	43.12	4	GNI KIV
020728015821	40.86	39.62	3	GNI KIV
020728095548	42.68	43.15	3.5	GNI KIV
020728142859	44.81	42.56	3.9	GNI KIV
020729015024	44.96	42.85	3.8	GNI KIV
020729020352	43.26	42.5	3.6	GNI KIV
020730140527	41.03	39.2	3.9	GNI KIV
020730222130	44.81	44.02	3.9	GNI KIV
020731034207	44.05	44	3.5	GNI KIV
020731042707	46.52	41.28	4	GNI KIV
020731144058	50.54	40.01	3.9	GNI KIV
020804051129	45.57	42.91	3.8	GNI KIV
020807205700	45.27	42.11	3.9	GNI KIV
020809022334	47.28	42.23	3.9	GNI KIV
020809182858	43	38.71	3.4	GNI KIV
020809224223	47.43	41.9	3.7	GNI KIV
020810201037	48.87	41.35	4.5	GNI KIV
020811065121	40.32	39.81	3.1	GNI KIV

020816153015	46.19	41.9	4.3	GNI KIV
020816175911	40.95	39.31	3.1	GNI KIV
020817014501	42.52	39.2	3	GNI KIV
020817132832	46.32	41.93	4.3	GNI KIV
020817132902	46	41.83	4.2	AMB
020817133731	46.09	41.96	3.7	GNI KIV
020817135551	46.32	41.98	4.2	GNI KIV
020817145538	46.27	41.84	4.7	GNI KIV
020817174812	46.23	41.85	4.8	GNI KIV
020817175811	46.22	41.88	4.1	GNI KIV
020817175835	45.32	42.35	3.8	AMB
020817180643	46.29	41.9	5	GNI KIV
020817180709	44.67	42.43	3.8	AMB
020817185738	46.4	41.78	4.1	GNI KIV
020817190455	46.31	41.96	3.8	GNI KIV
020817201051	45.68	42.15	3.7	GNI KIV
020817210756	46.26	41.88	4.2	GNI KIV
020818052220	40.6	39.4	3.2	GNI KIV
020818092950	49.29	39.93	3.7	GNI KIV
020818115228	42.47	40.8	4.6	GNI KIV
020818115246	42.65	40.87	3.7	AMB
020818182029	46.36	42	3.8	GNI KIV
020819004826	40.2	39.91	2.4	GNI KIV
020819051453	40.89	39.36	2.8	GNI KIV
020819140500	46.6	42.87	3.7	GNI KIV
020820012125	45.64	43.07	4.9	GNI KIV
020820033722	40.29	40.66	3.1	GNI KIV
020820131225	45.94	41.83	3.8	GNI KIV
020820235130	46.12	41.82	4.2	GNI KIV
020821060317	46.14	41.93	4	GNI KIV
020822082502	43.73	43.09	3.9	GNI KIV
020823191528	46.15	42.03	3.7	GNI KIV
020823192508	46.1	41.94	3.8	GNI KIV
020824054042	46.13	41.86	4	GNI KIV
020824152630	40.24	39.46	3.7	GNI KIV
020825020015	40.15	39.38	2.6	GNI KIV
020825151726	47.45	41.88	3.9	GNI KIV
020826063010	40.24	39.24	3.3	GNI KIV
020826105403	40.72	39.37	2.9	GNI KIV
020827104831	42.07	44.08	3.5	GNI KIV
020828223624	47.39	41.75	4.1	GNI KIV
020829053215	43.91	39.38	3.3	GNI KIV
020829065141	42.56	39.89	3.6	GNI KIV
020829065630	42.48	38.62	3.5	AMB
020829103633	42.07	44.04	3.4	GNI KIV
020829131857	46.17	43.32	4.3	GNI KIV
020829185631	48.6	41	4.2	GNI KIV
020829223627	45.99	41.78	3.8	GNI KIV
020830181348	46.9	43.18	3.8	GNI KIV
020831023152	42.4	39.68	3.9	GNI KIV
020831111929	48.63	41.64	4.2	GNI KIV
020831213223	40.36	39.49	2.9	GNI KIV

021001212445	46.16	43.51	3.9	GNI KIV
021002220208	41.62	39.71	3.3	GNI KIV
021006142511	41.97	39.52	3	GNI KIV
021006142554	41.9	39.59	3.5	GNI KIV
021006145138	41.83	39.54	2.9	GNI KIV
021010185558	48.14	40.92	2.9	KIV
021012074627	46.88	42.95	3.6	KIV
021013103712	47.08	43.01	3.7	KIV
021016141610	46.06	41.91	4	KIV
021016215942	41.1	38.72	3	KIV
021017005302	40.229	39.4	4.1	BNG KIV
021017005449	40.59	39.45	4.2	KIV
021017010133	40.32	39.5	3.8	KIV
021017010428	40.28	39.49	3.2	KIV
021017010836	40.3	39.47	3.5	KIV
021017011228	40.23	39.42	2.9	KIV
021017011459	40.12	39.38	3.3	KIV
021017012035	40.19	39.36	3	KIV
021017012235	40.23	39.41	2.9	KIV
021017012435	40.53	39.83	2.8	KIV
021017013306	40.96	39.7	2.8	KIV
021017015000	40.51	39.47	3.3	KIV
021017015222	40.14	39.4	3.2	KIV
021017015827	40.29	39.46	3.7	KIV
021017021041	40.24	39.45	3.4	KIV
021017023455	40.35	39.53	3.6	KIV
021017102957	40.08	39.35	3.3	KIV
021017160213	40.15	39.42	3.2	KIV
021018012059	40.48	39.66	3	KIV
021018222841	44.96	42.85	3.9	KIV
021020061353	46.2	41.61	4.2	KIV
021021212547	40.67	38.57	3.2	KIV
021021213400	40.57	38.6	3	KIV
021022155212	40.157	39.338	4.8	BNG
021022155213	40.22	39.35	3.6	KIV
021022160756	40.18	39.41	3.2	KIV
021022164654	40.08	39.32	3.1	KIV
021022171139	40.13	39.34	3.1	KIV
021022175357	40.43	38.59	3.3	KIV
021022190406	40.16	39.35	3.2	KIV
021022203700	40.11	39.3	2.9	KIV
021022231126	40.29	39.41	3.2	KIV
021023042813	40.2	39.41	3.1	KIV
021025040647	40.06	39.67	3.1	KIV
021025074653	46.8	42.75	3.7	KIV
021025172728	48.91	42.29	3.8	KIV
021027054921	40.11	39.35	3.2	KIV
021027210456	40.64	39.72	3.3	KIV
021028224601	40.95	39.14	3.4	KIV
021030020742	48.7	42.72	3.9	KIV
021030100032	40.35	39.56	3.4	KIV
021030120846	46.36	42.22	3.8	KIV

021102053037	42.62	38.85	3.5	KIV
021105115733	42.05	44.07	3.7	KIV
021106065404	47.02	43.15	4.2	KIV
021108010033	40.52	39.62	3.3	KIV
021109154808	44.37	43.45	4	KIV
021110063536	45.52	42.26	4.3	KIV
021110072200	40.35	39.47	3	KIV
021112064208	41.31	38.1	3.2	KIV
021112082029	47.15	43.1	3.7	KIV
021112235315	40.6	38.6	2.5	KIV
021113172014	42.84	39.88	3.5	KIV
021117095239	50.18	41.54	3.7	KIV
021117201001	46.66	43.19	3.8	KIV
021121121226	47.24	43.19	3.5	KIV
021124101432	47.03	43.22	4.1	KIV
021124105621	47.08	43.2	4.3	KIV
021124115329	47.09	43.21	3.9	KIV
021124160804	42.1	40.23	3.3	KIV
021124181320	42.06	40.22	3.5	KIV
021125031605	44.89	38.29	3.6	KIV
021126025212	46.91	43.14	3.7	KIV
021126052625	41.79	38.42	2.9	KIV
021127121102	40.15	39.75	3	KIV
021127215853	40.17	39.69	3.2	KIV
021201062636	46.76	41.68	4.1	KIV
021201235601	49.96	40.91	3.7	KIV
021203164409	40.25	39.34	2.8	KIV
021204093831	45.79	43.57	3.8	KIV
021204194611	40.6	39.39	3.2	KIV
021204195439	40.74	39.36	3	KIV
021206104504	41.65	38.99	3.2	KIV
021207022800	43.47	41.77	4.3	KIV
021208224326	41.93	39.69	3.1	KIV
021209063525	44.56	43.61	4.1	KIV
021210213221	46.48	40.4	4.2	KIV
021210213224	46.92	40.97	3.7	AMB
021211084217	43.94	38.77	3.3	KIV
021211084238	45.47	38.67	3.5	AMB
021215110002	42.1	44.08	3.8	KIV
021215231427	40.52	39.35	3.1	KIV
021216051436	46.04	43.11	4.3	KIV
021218004234	41.82	38.93	3	KIV
021218035121	41.04	38.88	2.7	KIV
021218120548	41.83	44.05	3.5	KIV
021218235354	46.44	42.88	3.7	KIV
021223121503	46.62	41.61	3.9	KIV
021223121504	46.07	41.97	4.1	AMB
021223160546	46.42	41.8	3.9	KIV
021223184505	42.23	40.07	3.1	KIV
021223213637	48.04	40.67	3.5	KIV
021225223651	40.6	38.56	2.8	KIV
021227021902	50.19	40.02	3.3	KIV

021229165339	41.82	39.9	3	KIV
021230212328	40.64	38.65	3.1	KIV
030120163853	49.91	40.44	4.6	GNI KIV
030127052622	39.773	39.456	6.2	BNG ELZ ELZ ELZ TER
030203174018	46.21	43.1	3.9	KIV
030205000735	46.62	42.79	3.8	KIV
030206004804	44.03	41.53	12345	GNI KIV
030206013301	45.56	42.69	12345	GNI KIV
030206033133	44.08	41.54	12345	GNI KIV
030206104818	42.05	44.07	3.9	GNI KIV
030207062431	45.82	43.13	12345	GNI KIV
030208063800	42.1	40.11	3.4	GNI KIV
030209093144	43.68	41.39	12345	GNI KIV
030211094740	40.05	39.42	3.3	GNI KIV
030212142950	44.45	41.36	12345	GNI KIV
030213214132	41.94	38.25	3	GNI KIV
030215034224	44.02	41.18	12345	GNI KIV
030215092820	40.74	39.34	2.9	GNI KIV
030215193411	41.32	43.5	3.9	GNI KIV
030216002917	42	38.2	2.7	GNI KIV
030216204932	40.46	39.01	2.6	GNI KIV
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030217033019	42.04	38.23	2.8	GNI KIV
030218161034	44.45	43.66	3.9	GNI KIV
030219140146	42.56	44.19	3.7	GNI KIV
030220092734	43.89	39.48	3.7	GNI KIV
030220142302	45.01	38.35	4	GNI KIV
030220231516	43.89	41.13	12345	GNI KIV
030221182941	43.94	41.59	12345	GNI KIV
030224074528	45.99	43.31	3.5	GNI KIV
030224215155	43.89	41.25	12345	GNI KIV
030225212135	43.93	41.09	12345	GNI KIV
030227123252	44.37	41.48	12345	GNI KIV
030227223643	44.14	38.43	12345	GNI KIV
030228030431	45.99	43.21	3.8	GNI KIV
030301121915	46.1	43.51	4.2	GNI KIV
030301123622	43.99	41.33	12345	GNI KIV
030301165228	40.87	39.4	3.3	GNI KIV
030302003831	45.72	42.87	3.7	GNI KIV
030302074842	40.2	38.88	2.8	GNI KIV
030302221443	43.65	38.55	3.4	GNI KIV
030303000330	43.4	42.4	12345	KIV
030303025541	44.39	43.49	3.9	KIV
030304223650	43.98	41.37	12345	GNI KIV
030305014204	43.89	41.47	12345	GNI KIV
030306082312	41.26	38.59	3	GNI KIV
030306213823	44.29	38.1	4.4	GNI KIV
030309083700	43.98	41.37	12345	GNI KIV
030310011534	46.62	41.31	3.7	GNI KIV
030310022851	40.54	38.51	3.5	GNI KIV

030310103639	46.94	42.98	3.6	GNI KIV
030311042111	44.02	41.51	12345	GNI KIV
030312043232	42.55	40.15	3.6	GNI KIV
030312134827	44.05	41.62	12345	GNI KIV
030312140853	44.38	41.33	12345	GNI KIV
030313120829	43.82	42.86	12345	GNI KIV
030314044736	43.89	41.39	12345	GNI KIV
030314050545	43.9	41.32	12345	GNI KIV
030314113227	44.08	41.49	12345	GNI KIV
030314155729	46.25	43.01	4.2	GNI KIV
030314184531	43.88	41.53	12345	GNI KIV
030317030246	41.65	38.35	2.9	GNI KIV
030318105358	43.8	41.46	12345	GNI KIV
030320140341	44.49	41.4	12345	GNI KIV
030323014041	40.61	38.48	3	GNI KIV
030323142124	47.29	42.16	3.9	GNI KIV
030323150942	43.48	41.08	12345	GNI KIV
030323220107	44.25	43.98	4	GNI KIV
030323220445	44.22	43.99	3.5	GNI KIV
030323221621	44.29	43.99	3.9	GNI KIV
030324025413	46.75	42.39	3.8	GNI KIV
030325044538	44.12	43.93	3.6	GNI KIV
030325081129	44.29	43.93	3.9	GNI KIV
030325083436	43.67	43.6	3.9	GNI KIV
030325111455	44.43	44.04	3.6	GNI KIV
030325111801	44.41	44	3.7	GNI KIV
030325115829	44.56	44.06	4	GNI KIV
030327072621	47.2	43.05	4.4	GNI KIV
030327072628	46.53	42.89	12345	GNI KIV
030331053619	44.7	42.97	12345	GNI KIV
030406102630	49.29	42.01	4.2	GNI KIV
030410063952	48.75	42.28	4.1	GNI KIV
030425004400	43.17	38.61	4	GNI KIV
030501002704	-12345	-12345	6.4	BIN BNG ELZ ELZ ELZ ERC GNI KIV KMR MLZ MLZ MLZ TAT TERP TER
030501004159	40.57	39.12	4.2	GNI KIV
030501063443	40.35	39.17	4	GNI KIV
030501093550	40.84	38.67	4.1	GNI KIV
030504020958	40.56	39.06	4.4	KIV
030508014420	40.37	39.07	4.6	AJK BNG4 BNG GNI KIV   LK TCK
030508150225	48.71	41.52	4.3	GNI KIV
030510154451	40.36	39.049	4.5	AJK BNG4 BNG GNI KIV   LK
030510184451	40.36	39.05	4.5	TCK
030510234142	40.44	39.05	3.6	GNI KIV
030511234401	40.43	39.22	4	GNI KIV
030512041010	40.57	38.93	4.3	GNI KIV
030515063601	40.57	39.1	3	GNI KIV
030515080626	40.51	38.94	3.5	GNI KIV
030516114605	40.59	38.96	4.4	GNI KIV
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030605171405	45.12	38.59	4.3	GNI KIV

030725235931	50.17	40.21	3.9	GNI KIV
030801045827	48.13	42.62	4	GNI KIV
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031004012352	48.7	41.38	3.9	GNI KIV
031004091055	49.73	40.21	4.1	GNI KIV
031020062651	44.57	38.65	4.8	GNI KIV
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040101072640	40.08	39.43	2.9	GNI KIV
040101111023	40.06	39.34	3.1	GNI KIV
040104232049	40.18	39.43	3.2	GNI KIV
040104232959	42.05	39.13	3.5	GNI KIV
040124044047	44.92	38.07	4.5	KIV
040129112942	48.57	40.9	4.1	GNI KIV
040208125411	47.4	41.31	4.1	GNI KIV
040215093457	41.01	40.22	3.4	GNI KIV
040215165716	41.02	40.28	3.7	GNI KIV
040226041357	38.24	38.01	5	DSH
040226061357	38.248	38.042	5	MLT
040227162720	40.3	39.18	3.3	GNI KIV
040228035133	40.15	38.75	3.2	GNI KIV
040229013514	40.38	39.08	2.9	GNI KIV
040229064108	40.52	38.95	3.4	GNI KIV
040303143839	40.4	39.02	4.6	GNI KIV
040325193049	40.91	39.74	5.1	ERC GNI KIV TER
040325220922	40.8	39.64	4.4	GNI KIV
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040328035109	40.86	39.87	5.3	TER
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040328041521	40.76	39.41	4.2	GNI KIV
040328042627	40.76	39.45	3.9	GNI KIV
040328045503	40.78	39.12	4	GNI KIV
040328051259	40.65	39.27	3.7	GNI KIV
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040401083519	40.78	39.93	4.7	GNI KIV
040401083521	40.669	39.857	4.6	TER
040403124735	40.86	39.31	3.9	GNI KIV
040418022122	45.86	42.31	3.7	GNI KIV
040429194933	45.92	42.09	3.7	GNI KIV
040501194850	40.722	39.935	4	TER
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040523024913	48.56	40.77	4.1	GNI KIV
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900723205454	46.18	42.93	4	KIV
900802171248	48.17	38.68	3.9	KIV
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900924063514	48.15	38.16	4.6	KIV
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910427033159	43.68	40.01	4.2	KIV
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910429093740	43.86	42.54	5.2	KIV

910429095923	43.39	42.53	4.6	KIV
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910429101535	43.91	42.79	4.8	KIV
910429101552	44.2	42.02	4.7	KIV
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910429103046	43.6	43.45	4.3	KIV
910429105241	44.05	42.67	5	KIV
910429110429	43.98	42.47	4.3	KIV
910429111015	43.79	42.47	4.8	KIV
910429115110	43.8	42.49	4.9	KIV
910429115955	43.93	42.49	5	KIV
910429131242	42.75	42.51	3.8	KIV
910429132710	43.96	41.74	4.2	KIV
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910429144309	43.9	42.47	5.4	KIV
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910429164843	44.27	42.94	4.3	KIV
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910429171028	43.46	42.37	4.6	KIV
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910429201206	43.96	42.38	4.3	KIV
910429201948	43.43	42.75	3.8	KIV
910429202446	43.8	42.47	4.8	KIV
910429203254	43.33	42.54	5.5	KIV
910429212413	43.67	42.34	3.8	KIV
910429222822	43.82	42.59	4.9	KIV
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910430083227	43.61	42	4.4	KIV
910430103944	43.26	42.56	3.8	KIV
910430111528	43.5	42.51	4.8	KIV
910430124452	42.82	42.77	4.3	KIV
910430151907	43.9	42.45	4.1	KIV
910430160739	43.23	42.57	4.6	KIV
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910501030651	43.82	42.43	4.5	KIV
910501033814	43.34	42.4	4	KIV
910501051335	43.45	42.57	4.8	KIV
910501140447	43.69	42.56	3.8	KIV
910501143754	43.38	42.45	3.8	KIV
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910502034227	43.57	42.79	4	KIV
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910704062630	44.14	42.38	5.3	KIV
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910815042239	40.95	39.08	3.7	KIV
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910819142853	-12345	-12345	0	SONI SZEB SZEB SZEB
910820165636	-12345	-12345	12345	SONI
910905192310	41.58	39.03	4.3	GNI KIV
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911010024446	-12345	-12345	12345	SBGD
911010024450	43.44	41.38	4.4	KIV
911018162340	47.75	41.71	4	KIV
911021115822	46.77	41.82	4.7	KIV
911112203604	45.06	38.97	4.3	KIV

911208010206	48.12	38.32	3.8	KIV
			-	
911220061526	-12345	-12345	12345	SBGD SBVR
911227202504	43.84	42.4	3.7	KIV
920127081132	44.08	42.31	4.5	KIV KUB NAG
920127122150	42.19	40	3.7	KIV KUB NAG
920214203157	-12345	-12345	0	SPIK
920215125254	46.53	42.84	4.7	GUM KIV MIC NAG
920215133034	46.6	42.66	4.2	GUM KIV MIC NAG
920215133740	46.49	42.91	4.2	GUM KIV MIC NAG
920215151804	46.21	41.49	4.4	GUM KIV MIC NAG
920216143355	46.54	42.78	3.5	GUM KIV MIC NAG
920218013940	43.57	41.22	4.5	KIV MIC NAG
920225220156	45.27	39.22	3.2	KIV
920311022608	46.56	42.77	4.4	KIV MIC NAG
920313171840	-12345	-12345	6.6	ERC REF TER
			-	
920315001200	-12345	-12345	12345	SERA
920315014003	-12345	-12345	0	STPV
920315152721	-12345	-12345	0	SERA
920315161616	-12345	-12345	5.2	ERC SERE
920315161625	39.93	39.53	5.4	ERC
920315201234	40.25	39.81	3.8	KIV
920319191639	45.78	43.1	4.5	GUM KIV MIC NAG
			-	
920325035826	-12345	-12345	12345	ERC1
920325061156	-12345	-12345	0	ERC1
920325071111	-12345	-12345	0	ERC1
920325210632	-12345	-12345	0	ERC1
920326023246	43.6	42.3	3.6	KIV MIC NAG
920327192101	43.79	42.46	5.1	GUM KIV KUB MIC NAG
920327210256	43.69	42.3	3.6	GUM KIV KUB MIC NAG
			-	
920329002620	-12345	-12345	12345	ERC2
920330235951	-12345	-12345	0	ERC2
920331000037	-12345	-12345	0	ERC2
920401173130	-12345	-12345	0	ERC2
			-	
920402122613	-12345	-12345	12345	ERC2
920404053405	-12345	-12345	0	ERC2
920404110652	42.89	39.61	3.9	KIV
920412152224	-12345	-12345	0	ERC2
920418005723	-12345	-12345	0	STPV
			-	
920419101440	-12345	-12345	12345	ERC2
920419232328	-12345	-12345	0	ERC2
			-	
920420180500	-12345	-12345	12345	ERC2
			-	
920422030352	-12345	-12345	12345	ERC2
920422053806	-12345	-12345	0	ERC2
920425003314	-12345	-12345	0	ERC2
			-	
920428071629	-12345	-12345	12345	ERC2
920507191505	40.09	38.66	5.1	GUM KIV MIC NAG
920512165833	47.33	40.96	4	GUM KIV MIC NAG
920514143304	40.47	40.81	3.6	KIV
920714042630	41.74	39.29	4.5	GNI GUM KIV
920714184623	41.78	39.23	4.5	GUM KIV
920806175309	48.88	40.21	4.2	KIV

920810021926	40.38	39.25	4.2	GUM KIV KUB NAG
920821191107	43.26	42.48	4.8	GUM KIV KUB NAG
920925155347	46.05	42.52	3.7	GUM KIV KUB
921023231945	45.12	42.57	6	KIV
921023231947	-12345	-12345	6.4	SBGD STPV SVNZ SVNZ SVNZ
921024001437	45.07	42.63	4.2	KIV
921024004653	44.89	42.43	3.5	KIV
921105154227	45.09	42.45	4.5	KIV
921106152846	47.78	38.04	4.1	KIV
921208053426	45.42	40.26	4.2	GUM KIV KUB NAG
921209202947	45.34	40.05	4.8	GUM KIV MIC NAG
921211113737	43.52	42.42	4.2	GUM KIV
921217224252	-12345	-12345	0	STPV
921228175704	43.49	42.52	3.2	GUM KIV NAG
930107101203	42.28	40.66	4	GUM KIV
930117094750	41.69	40.76	4.3	GUM KIV NAG
930120060438	-12345	-12345	12345	STPV
930120173417	-12345	-12345	0	ERC
930210223809	43.54	42.25	3.7	KIV NAG
930212192608	40.52	40.17	3.8	KIV KUB NAG
930219181328	45.01	40.57	4.6	KIV KUB NAG
930222042421	43.86	42.56	5.1	KIV KUB NAG
930310160322	43.7	42.46	4	KIV NAG
930315153238	45.83	38.13	5	KIV
930317235915	44.86	38.25	4.4	KIV
930319200521	46.76	41.92	4.8	GUM KIV KUB MIC NAG
930329005819	45.36	42.67	4.9	GUM KIV KUB MIC NAG
930330222523	45	38.31	4.8	GUM KIV KUB NAG
930419051947	43.62	44.21	4.8	GUM KIV KUB MIC NAG
930424122919	44.09	41.36	4.5	GUM KIV KUB MIC NAG
930427200703	43.83	42.69	4.7	GUM KIV KUB MIC
930501064747	48.89	38.95	4.1	KIV
930504223923	45.17	42.57	4.9	GUM KIV
930604215623	43.31	42.63	4.5	GUM KIV MIC NAG
930606015116	-12345	-12345	12345	ERC
930607071427	46.33	40	4.7	GUM KIV NAG
930621003253	40.43	39.42	3.8	GUM KIV MIC NAG
930712162402	-12345	-12345	0	ERC
930722015457	40.16	39.52	4.3	GUM KIV KUB NAG
930831065532	49.48	41.87	5.8	GUM KIV KNG
930923075646	42.5	41.37	3.7	GUM KIV KNG KUB MIC NAG
930924125634	-12345	-12345	0	STPV
931015223719	48.18	40.83	4.7	GUM KIV MIC NAG
931025143321	49.43	41.29	4.7	KIV NAG
940114162318	-12345	-12345	0	STPV
940211174010	43.71	42.4	4.7	GUM KIV MIC NAG
940224223225	40.52	40.04	4.1	GNI KIV
940304230813	45.27	41.75	4.4	KIV
940322110308	45.76	42.45	4	GNI KIV
940410134047	46.12	43.04	4.8	GNI KIV
940417080232	46.29	41.92	5	GNI KIV
940420222552	43.42	42.72	3.3	GNI GUM KIV MIC NAG



940502181403	42.94	40.21	3.9	GUM KIV MIC NAG
940518171854	43.98	41.26	4.5	GNI GUM KIV NAG
940605012001	43.4	42.47	4.3	GNI GUM KIV MIC NAG
940625050048	43.71	42.09	4.4	GNI KIV
940630095511	50.55	40.93	4.9	GNI KIV
940701200230	38.98	38.16	4.5	MLT
940823104525	44.46	43.86	4.4	GNI KIV
940905191318	46.24	41.94	5	KIV
940905201307	46.39	42.13	4.5	KIV
940905222806	40.27	39.53	3.4	KIV
940905222809	39.89	39.81	4	ERC
940917022441	41.48	37.88	4.9	MUS
940919152335	43.44	42.56	4.5	GNI KIV
940921085320	43.61	42.34	4.4	GNI KIV
941012074401	44.41	42.4	4.7	GNI KIV
941027163048	40.52	39.64	3.9	GNI KIV
941028134733	40.79	39.36	3.8	KIV
941029235256	40.72	39.41	4.2	GNI KIV
941102123106	48.32	38.27	5	GNI KIV
941109144607	43.12	41.88	3.7	GNI KIV
941114075414	40.41	40.16	3.9	GNI KIV
941204143932	43.73	42.42	2.8	GNI KIV
941210061503	43.65	42.5	3.1	GNI KIV
941212131407	43.39	42.6	4.6	KIV
941213114710	43.85	41.27	3.2	KIV
941215011720	40.47	38.84	3.9	KIV
941219150003	47.86	41.3	4.6	KIV
950104005751	48.83	41.32	3.1	KIV
950115071330	46.9	42.92	3.8	KIV
950129041656	40.64	39.82	4.7	KIV
950129041657	40.99	39.98	4.8	ERZ ERZ ERZ
950129064245	40.13	40.01	4.1	KIV
950129133705	40.65	40.1	4	KIV
950222062942	44.86	38.58	4.9	KIV
950226113327	43.05	38.31	4	KIV
950312025633	40.11	39.67	3.6	GNI KIV
950417130313	48.42	40.92	4	GNI KIV
950423024054	42.25	39.43	3.7	GNI KIV
950429153346	44.94	37.75	4.6	VRN
950513072044	50.56	40.67	4.9	KIV
950515001654	49.43	38.48	4.7	KIV
950515002154	49.33	38.56	4.1	KIV
950516094154	42.46	39.71	4.3	KIV
950518005206	45.64	38.38	4.2	KIV
950527212135	48.93	38.93	3.7	KIV
950605081337	44.07	42.65	3.1	KIV
950618214222	39.85	39.9	4	ERC
950626232738	48.36	39.85	4.1	KIV
950627004646	48.41	39.9	3.6	KIV
950628092641	44.02	39.53	3.5	KAP
950701210038	41.08	39.02	3.5	KIV
950703003417	41.35	39.08	4.3	KIV

950703003516	41.11	39.33	4	KIV
950705142709	41.59	39.93	3.8	KIV
950706164511	49.4	38.6	4.1	KIV
950714140307	49	42.89	4.2	KIV
950722203708	40.23	39.92	3.6	KIV
950723181710	46.24	44.07	3.7	KIV
950725024929	45.97	43.72	4.1	KIV
950802072222	43.42	42.4	3	KIV
950804132932	43.91	43.57	3.3	KIV
950925120244	40.87	44.66	3.3	KIV
950925190546	45.08	40.35	3.3	KIV
950925191651	45.05	40.38	3	KIV
950925201901	45.05	40.4	3	KIV
950929095530	43.93	42.5	3	KIV
951001142001	43.6	41.9	4.5	KRS
951001142018	42.73	41.15	4.5	KIV
951004101244	44.38	38.48	3.6	ARU NAR
951012191605	43.85	41.4	3	KIV
951014104739	45.55	41.1	3.4	KIV
951014104742	46.18	41.55	3.7	ARU KAM
951015191054	42.25	40.88	3.7	NAR PAR
951015191104	42.4	41.03	3.9	KIV
951021122900	42.25	40.42	3.7	KAM
951101041618	47.95	41.78	3.9	KIV
951104232347	49.27	38.98	3.9	KIV
951108010006	43.68	42.32	3	KIV
951201150913	45.6	42.3	3.2	KIV
951203181212	43.17	43.15	3.1	KIV
951205184932	-12345	-12345	5.8	ELZ ELZ ELZ ERC ERZ ERZ ERZ KIV MUS
951205185238	40.26	39.6	5.3	KIV
951205185240	-12345	-12345	12345	ELZ ELZ ELZ ERC
951206074948	40.11	39.55	4.4	KIV
951206074951	39.64	39.09	4.4	ERC
951206164602	43.6	42.53	3	KIV
951209230903	43.38	42.34	3.7	KIV
951211070034	40.16	39.38	4	KIV
951218085615	40.35	39.65	3.8	KIV
951220073108	40.11	39.55	3.8	KIV
951228163831	49.28	40.2	4.2	KIV
951229014814	48.52	39.55	3.5	KIV
951229032021	42.59	38.91	3.9	LER VNN
960103084226	48.7	38.96	4.9	KIV
960103120738	45.88	42.93	3.1	KIV
960106005655	50.28	40.97	3.9	KIV
960112032244	41.84	40.27	4.1	KIV
960112043839	46.35	40.25	3.7	PAR
960114151811	40.17	39.21	4.7	KIV
960120235625	45.55	40.4	4.4	LER
960120235629	45.85	40.59	4.3	KIV
960129190352	45.32	41.45	3	KIV
960205044540	46.19	42.92	3.8	KIV
960207122703	39.31	38.43	4.7	ELZ ELZ ELZ

960214074318	39.23	39.61	4	ERC
960217054246	42.79	43.69	3.8	KIV
960301181748	44.55	38.96	3.6	KAP
960305093716	42.2	42.37	3	KIV
960306144905	42.5	40.52	4.1	KIV
960308120639	47.36	42.72	3.6	KIV
960308173015	40.99	39.29	3.7	KIV
960313040421	42.47	42.05	3	KIV
960313121354	44.64	38.43	3.5	KIV
960314103234	43.32	38.52	3.7	VNN
960320095039	46.81	41.32	3.8	KAP
960321111804	40.12	39.81	4.3	KIV
960329160809	47.65	40.61	3.9	KIV
960403004916	50.11	41.34	3.7	KIV
960406185700	40.19	39.58	3.7	KIV
960413010704	43.42	42.53	3	KIV
960415045604	44.27	41.3	3.5	KIV
960421141356	40.33	38.54	4.6	KIV
960422144237	47.33	39.19	5.6	KIV PAR
960422234717	40.46	38.86	4.1	KIV
960425202941	42.39	40.14	3.9	KIV
960501033123	49.14	40.26	3.8	KIV
960501175739	43.97	41.23	3.2	KIV
960504081919	38.82	42.33	5.4	KAP VNN
960504081942	41.09	39.56	3.7	KIV
960507233049	44.32	41.7	4	HAR
960508062025	46.02	40.63	3.3	KIV
960509074448	48.88	40.98	3.6	KIV
960509105845	48.33	40.71	4.1	KIV
960518074728	42.5	42.6	3	KIV
960519042421	45.21	41.75	3.7	KIV
960524093038	42.53	41.77	3	KIV
960528045010	42.06	41.97	4.9	KIV
960528050748	42.23	42	3	KIV
960529120330	42.18	41.92	3	KIV
960529222900	43.92	41.08	3	KIV
960531092544	47.11	43.35	4.2	KIV
960602131200	-12345	-12345	12345	SBVR
960602131319	43.99	41.07	3.7	VNN
960602131324	44.16	41.31	3.5	KIV
960602153029	40.92	43.34	3.5	KIV
960602162105	43.88	41.02	3	KIV
960602214322	43.87	41.05	3	KIV
960605221137	42.4	39.65	3.8	KIV
960606052331	43.67	42.48	3.2	KIV
960606052333	43.8	42.49	4.6	HAR
960608231206	40.26	39.22	3.3	KIV
960609021654	44.04	41.11	4.1	AMB HNA
960609021659	44.01	41.37	4	KIV SBVR
960609022017	43.98	41.05	3	KIV
960609051821	-12345	-12345	12345	SBVR SGMI SPIK
960609051918	43.62	40.82	4	LER VNN

960609192000	43.87	41.03	4.1	KIV
960609200944	42.2	41.93	3	KIV
960609202553	48.45	39.97	3.7	KIV
960609215847	42.18	41.97	3.1	KIV
960617132547	42.18	41.97	3.3	KIV
960617215436	42.57	38.8	2.4	KIV
960618081056	45.59	38.74	4.9	KAP NAR
960618081105	45.78	39.14	4.5	KIV
960619070758	45.6	39.17	4	AMB KAM
960619070801	45.86	38.9	3.9	KIV
960623085454	40.48	39.41	4.3	KIV
960628113046	42.43	38.04	3	KIV
960629012217	43.98	41.3	3	KIV
960630073958	39.07	39.93	4.9	AMB
960630074003	40.55	39.13	3.9	KIV
960702090213	42.97	38.35	3.8	AMB
960702090218	43.05	38.67	3.5	KIV
960706201721	47.04	42.53	3.6	KIV
960708031603	47.16	43.15	3.7	KIV
960725182529	40.51	39.92	4	KIV
960806115251	43.65	42.47	3	KIV
960806165641	48.38	41.37	3.8	KIV
960827001649	42.65	40.31	4	ARU
960827001654	43.22	40.08	3.2	KIV
960903231103	49.45	40.21	4	KIV
960908202622	45.33	42.33	3	KIV
960910034056	45.4	42.25	3	KIV
960912084927	40.31	39.38	3.3	KIV
960918051641	41.36	39.64	4.1	KIV
960928121054	50.43	41.06	4.4	KIV
961004084304	43.75	42.47	3.5	KIV
961005053233	44.4	39.34	3.5	ARU
961009215151	40.13	39.89	3.7	KIV
961012212531	43.68	42.48	3	KIV
961013001008	44.61	38.4	4.1	AMB HAR
961013214900	45.83	44.44	3.7	KIV
961013225049	40.02	43.52	3.7	KIV
961106134908	40.4	38.71	3.8	KIV
961110005724	42.5	42.03	3	KIV
961115012335	42.65	42.43	3.1	KIV
961115012353	42.97	42.09	4.2	AMB
961127160843	49.25	42.18	3.8	KIV
961129224006	40.7	39.4	3.6	KIV
961209065608	50.68	40.94	3.4	GNI KIV
961214002635	48.41	40.72	3.8	KIV
961220080903	41.02	38.93	4.5	KIV
961220114228	45.75	42.27	3	KIV
961220114232	45.28	42	3.8	NAR
961220170227	44.49	41.38	3.5	HNA
961220170228	44.61	41.61	3.9	KIV
961222184047	44.01	41.28	3	KIV
961225150233	48.13	42.46	3.9	KIV

961225224823	40.7	38.59	4.3	KIV
970121231546	43.97	41.18	3.5	AMB
970128105654	48.56	42.51	4.8	KIV
970129064343	47.9	42.57	3.7	KIV
970206160345	47.19	43.04	4	KIV
970209214900	-12345	-12345	12345	SBVR SGMI SPIK STPV SVNZ SVNZ SVNZ
970209214907	43.93	41.41	4.4	LER
970209214909	43.95	41.46	4.3	KIV
970213004738	48.8	38.69	4.6	GNI KIV
970215014053	40.35	38.3	4.2	GNI KIV
970215072619	40.33	43.06	3.8	GNI KIV
970216105730	46.05	41.99	3.4	GNI KIV
970216105731	46.28	41.95	3.6	HAR
970228125722	48.04	38.09	5.7	KIV
970228125728	48.33	38.07	6.1	AMB KAP NPP PAR VNN
970228135603	47.93	38.22	4.5	KIV
970228135605	48.87	38.32	4.8	AMB
970228163549	48.87	38.32	4.2	KAP
970228205514	47.92	38.09	4.5	KIV
970228205515	48.87	38.32	4.7	PAR
970228214622	47.98	38.16	4.6	GNI KIV
970228214627	48.87	38.32	4.7	PAR
970301130929	44.48	40.12	3.7	KAP
970302023448	48.5	37.72	4.2	PAR
970302023537	41.07	40.35	3.3	GNI KIV
970302182940	47.25	37.67	5.7	AMB KAP NPP PAR VNN
970303195023	48.87	38.32	4.2	KAP
970304142250	41.42	39.38	4.3	KAP
970304142300	40.72	39.29	4.2	GNI KIV
970305070639	42.49	37.94	4.3	KAP
970305165842	49.45	40.93	4.6	GNI KIV
970306232834	43.58	38.75	3.7	PAR
970306232837	43.66	39.11	3.6	GNI KIV
970318035039	42.12	39.72	3.7	GNI KIV
970321230041	48.17	38.42	4.2	LER
970402012536	43.8	42.4	3.6	LER
970408054413	48.08	38.15	4.2	GNI KIV
970419110048	42.27	39.03	4.2	KIV
970420180430	48.06	38.43	3.8	KIV
970424085605	43.99	42.84	4	HAR KAP
970424085606	43.31	42.28	3.3	KIV
970426054215	45.59	38.88	3.6	KIV
970510175720	46.94	40.26	4.1	KAP
970510175724	46.39	39.92	3.8	KIV
970514012156	45.17	38.3	3.4	KIV
970514012157	45.37	38.75	4	HAR PAR
970524025919	43.17	42.05	3.6	VNN
970528050421	48.51	38.73	4	GNI KIV
970529234612	41.52	38.04	3.5	GNI KIV
970531144843	44.03	41.13	3.7	KAP LER
970601103338	42.05	39.9	3.9	GNI KIV
970613211019	40.09	44.06	4	GNI KIV

970622004634	49.28	39.57	3.7	GNI KIV
970627073539	49.69	43	4.1	GNI KIV
970628064501	48.22	41.77	3.9	GNI KIV
970628124915	-12345	-12345	0	SPIK STPV
970702144759	-12345	-12345	12345	SPIK STPV
970708061121	48.65	40.76	4.2	GNI KIV
970708062751	48.77	40.7	3.6	KAP
970710155041	40.45	39.01	3.7	GNI KIV
970712220213	46.02	43.05	3.5	GNI KIV
970713194116	43.27	38.24	3.7	GNI KIV
970715135842	48.81	40.56	4	GNI KIV
970718073353	45.11	41.1	4.1	KIV
970718073401	44.96	41.13	4.4	ARU LER
970802114217	48.18	40.75	3.9	KIV
970808023853	40.85	39.93	4.5	ARU LER
970808023903	41.96	39.84	4.6	KIV
970825024803	44.11	39.34	3.9	ARU LER
970825024807	44.1	39.23	4.4	GNI KIV
970825192149	45.7	41.41	3.6	ARU LER
970826224444	42.62	40.22	3.5	ARU
970826224445	43.14	40.07	3.5	GNI KIV
970828014314	40.88	39.14	3.5	GNI KIV
970828201217	40.94	39.53	3.6	GNI KIV
970831032633	41.74	39.71	3.3	GNI KIV
970909173452	42.03	44.58	4	GNI KIV
970920234219	40.17	38.85	3.8	GNI KIV
970926111252	39.92	39.95	4.6	ARU
970926111311	41.34	39.23	3.7	GNI KIV
971001121114	42.49	39.8	2.9	GNI KIV
971001131232	43.22	38.75	3.2	GNI KIV
971001135320	43.2	38.73	3	GNI KIV
971002010630	44.42	38.83	4.1	ARU
971002010636	44.27	38.98	4.4	GNI KIV
971003084019	40.09	39.44	2.9	GNI KIV
971003215507	48.59	40.68	4.7	GNI KIV
971009182859	48.31	41.25	3.7	GNI KIV
971009184722	41.33	39.12	3.1	GNI KIV
971010212045	44.63	38.16	4	AMB
971010212058	43.71	38.6	4	GNI KIV
971010220507	43.96	41.38	3.9	ARU KAM
971010233529	44.58	38.2	4.2	ARU
971010233534	44.31	38.54	4	GNI KIV
971012050604	43.16	38.57	4.1	ARU
971012050611	43.28	38.53	4.2	GNI KIV
971017211408	47.85	38.27	3.6	GNI KIV
971019075103	48.85	40.8	4.1	GNI KIV
971022232853	42.64	38.04	3.7	GNI KIV
971023160637	41.33	38.71	4	GNI KIV
971030040532	43.32	38.57	4.1	ARU HNA
971030040534	43.53	38.76	4.4	KIV
971102002555	43.5	38.6	4	ARU HNA
971102002558	43.34	38.77	4.4	KIV MUR VAN

971102221126	42	40.25	4.3	HNA
971102221136	42.25	40.23	3.7	KIV
971103000758	-12345	-12345	12345	MLZ MLZ MLZ
971103080753	41.6	39.3	4.3	ARU
971103080756	42.48	38.77	4	KIV
971103080757	42.4	38.76	4.9	MLZ MLZ MLZ
971103084651	42.28	38.81	4.5	KIV
971103145107	42.73	38.83	3.6	ARU
971103145110	42.31	38.79	4.1	KIV
971104041608	42.4	38.67	3.9	VNN
971104041609	42.39	38.58	3.6	KIV
971105031515	42.97	38.27	4	KIV
971108180135	40.47	39.38	3.2	KIV
971109052713	48.55	41.83	3.6	ARU
971109052715	48.73	42.05	4.5	KIV
971114164345	41.82	39.81	3.3	KIV
971127173427	-12345	-12345	5.2	SPIK STPV
971127173429	45.37	41.86	3.5	KIV
971127173430	45.38	41.67	5	GYM HAR HNA KAM LER NAR TCH TSO
971128100710	45.22	41.62	3.6	KAP
971202155304	49.14	40.34	4	KIV
971204060618	47.89	41.68	4.3	KIV
971204060620	47.58	41.17	4.1	AMB
971209031609	41.17	37.83	4.6	PAR
971211100715	48.58	40.7	4	KIV
971212080118	41.93	39.76	4	KIV
971217202113	48.91	40.62	3.7	KIV
971228055951	40.56	40.04	3.3	KIV
971230210907	46.29	41.9	3.5	LER
980107193335	40.66	38.56	2.9	KIV
980109141603	48.92	40.4	4.3	KIV
980110190738	42.21	40.41	2.9	KIV
980112123634	41.65	39.92	3.5	KIV
980116223635	40.44	39.69	3.3	KIV
980119200214	43.9	39.36	3.3	KIV
980121055528	47.3	42.97	3.9	KIV
980123123251	43.99	39.34	4.2	KIV
980128113704	42.44	38.97	3.2	KIV
980204233055	47.77	43.1	3.7	KIV
980223021921	45.71	43.21	3.5	KIV
980224064604	41.31	39.16	3.7	KIV
980227180243	49.12	39.65	4.6	KIV
980302021206	41.66	39.77	3.3	KIV
980303213942	46.96	40.51	3.7	LER
980303213944	46.72	40.25	4.5	KIV
980318211137	48.52	41.08	3.5	KIV
980325094422	43.06	38.4	3.1	KIV
980325105157	46	42.9	4.5	KIV
980325180931	43.66	38.67	3.2	KIV
980411094852	46	41.46	3.5	KIV
980411094900	45.6	41.52	3.6	LER
980413151430	41.07	39.23	5	BNG ERZ ERZ ERZ MUS SLH TER

980413151431	41.07	39.31	4.6	KIV
980413151446	-12345	-12345	5.2	BIN ERZ ERZ ERZ MUS SLH TER
980413195627	42.02	39.94	4.4	KIV
980414165426	41.38	39.01	3.3	KIV
980414170043	41.2	39.17	3.3	KIV
980418105715	41.03	39.92	3.5	KIV
980418194700	49.9	40.92	4.6	KIV
980420160423	40.92	39.3	3.4	KIV
980424043744	41.66	39.24	3	KIV
980424220008	47.16	39.9	4	KIV
980427024925	40.47	39.91	3.8	KIV
980428035157	40.4	38.69	4.3	KIV
980428202819	42.13	39.42	4.4	KAM
980428202825	42.56	39.58	3.9	KIV
980501133934	41.9	41.01	4.1	LER
980501133939	42.08	40.03	4.1	KIV
980502111326	45.29	42.54	4	KIV
980504010254	49.83	41.16	4.2	KIV
980511002536	42.32	39.54	4.1	LER
980511002544	42.32	39.73	4	KIV
980511050731	49.09	40.26	3.8	KIV
980511072501	46.3	42.9	4	KIV
980514143111	47.03	42.87	4	KIV
980515081648	41.13	39.9	3.7	KAM
980515081653	41.77	39.81	3.4	KIV
980516124607	46	42.2	4	KIV
980517152651	42.38	38.72	3.2	KIV
980517211008	42.77	39.74	3.3	KIV
980523204955	46.79	43.08	4	KIV
980524112017	45.27	42.63	4	KIV
980525152720	47.06	43.01	4	KIV
980527023405	48.09	40.51	4	KIV
980527062933	44.07	38.1	3.8	AMB
980528072727	44.69	38.28	3.7	AMB
980528083453	44.79	43.58	4	KIV
980528084108	45.13	43.67	4	KIV
980528085515	45.18	43.56	4	KIV
980528142126	41.84	39.86	3.1	KIV
980529201003	40.63	38.69	3.9	KIV
980530114555	44.99	43.25	4	KIV
980602105318	47.92	42.01	4	KIV
980603175625	40.69	39.63	3.4	KIV
980608095515	43.69	42.29	4.7	KIV
980608095519	44.33	42.17	4	PAR
980615201814	42.97	44.02	4	KIV
980618065154	50.39	41.45	4	KIV
980623040228	40.51	40.07	3.9	KIV
980624225501	45.3	42.1	4	KIV
980625230436	47.5	43.2	4	KIV
980707112811	46.04	41.82	3.6	AMB
980707112818	46.08	42.07	4.2	KIV
980709141919	48.55	38.58	6.2	AMB ARU KAP NPP PAR VNN VRN



980709141921	48.48	38.69	5.8	KIV
980709162336	48.62	38.74	4.1	KIV
980709162433	48.21	37.28	5.1	AMB ARU KAP PAR
980717045205	49.83	38.17	3.5	KIV
980718115416	45.76	44.26	3.8	KIV
980719060655	45.04	42.76	4.9	KIV
980724070841	42.94	38.91	3.2	KIV
980731164042	42.84	38.57	3.5	KIV
980803004924	45.87	38.67	3.8	KAP
980807172650	44.02	41.29	3.5	ARU
980814235805	49.57	41.23	3.9	KIV
980819203228	42.76	39.11	3.5	ARU
980920194721	46.31	42.45	4.4	KIV
980925135926	44.15	39.64	3.7	ARU
980925135936	44.22	39.6	4.5	KIV
980926041149	40.21	39.31	3.8	KIV
980926054435	43.68	39.05	3	KIV
980929150811	43.75	38.57	3.7	KIV
981008204809	40.34	38.72	4.4	KIV
981008211843	44.19	44.05	3.8	KIV
981011072225	42.72	38.95	3.8	KIV
981011072246	41.93	39.07	4	AKS
981012075622	42.32	40.24	3.6	AKS HAR
981012075623	42.48	40.67	3.8	KIV
981012183226	49.22	40.04	4.1	KIV
981015122656	40.49	38.99	3.6	KIV
981016053816	40.26	39.15	3.2	KIV
981018040400	-12345	-12345	0	STPV
981020074416	40.37	39.64	3.7	KIV
981024212748	43.08	38.65	3.6	KIV
981025222143	44.38	40.75	3.7	AKS TSO
981025222144	-12345	-12345	12345	SPIK STPV SVNZ SVNZ SVNZ
981025222153	44.21	40.87	3.4	KIV
981106041454	41.6	39.6	4	AKS KIV
981106103221	40.26	39.11	4.1	KIV
981109123002	43.32	39.74	2.9	KIV
981109213644	45.14	38.08	4	KIV
981109213645	45.24	38.51	4	ARU
981110052019	40.14	38.76	3.6	KIV
981110053933	40.29	39.15	4.5	KIV
981110053934	40.67	39.33	3.8	AKS
981110084234	40.01	39.19	4.6	KIV
981110085927	40.06	39.2	4	KIV
981110155454	40.32	39.15	4.1	KIV
981111030830	40.19	39.18	3.5	KIV
981113040033	46.5	42.88	3.7	KIV
981118053227	40.02	39.06	3.8	KIV
981118113720	45.12	38.55	4.2	AKS KIV TSO
981118113950	40.19	39.35	3.7	KIV
981118115206	45.12	38.55	4.2	ARU
981118131710	40.27	38.96	3.5	KIV
981118162702	45.1	38.24	3.9	AMB

981118162703	45.44	38.52	3.7	KIV
981118165836	40.45	39.17	3.9	KIV
981118170236	40.07	39.03	3.5	KIV
981119020306	40.09	39.01	3.1	KIV
981119175354	45.32	38.5	3.7	AMB
981121060843	40.1	39.06	3	KIV
981123111133	45.7	38.18	4.7	AKS
981123111138	45.14	38.35	4.6	KIV
981208231311	43.76	42.57	3.9	AMB
981213182314	45.96	42.26	3.9	PAR
981213182317	45.91	42.18	4	KIV
981219161515	41.97	40.04	4.4	HAR
981219161520	42.02	40.06	4.7	KIV
981219182256	40.94	39.23	3.3	KIV
981219230956	41.45	40.25	3.9	AMB
981219231001	42.28	40.14	3.9	KIV
981220032115	40.01	38.58	4.1	KIV
981220134842	40.07	39.4	4.2	KIV
981221112401	45.58	39.41	3.5	AKS
981223162055	42.22	40.9	5	HAR HNA KAM LER TCH TSO
981223162059	42.53	40.79	4.8	KIV
981223170118	46.16	41.95	4	KIV
981228062532	40.61	38.79	3.6	KIV
981229174020	41.54	43.25	4.2	KIV
981231065520	45.83	38.48	3.9	AMB
990105201939	46.11	41.96	4.1	AKS
990105201942	46.04	42.06	4.1	KIV
990113172319	40.4	38.25	3.2	KIV
990114070139	40.43	39.2	3.7	KIV
990114224516	44.03	41.31	4.3	ARU KIV SBVR SGMI SNIT SPIK STBO STPV SVNZ SVNZ SVNZ
990115114747	40.28	38.42	3.7	KIV
990115193547	43.6	43.56	4	KIV
990119102532	-12345	-12345	0	SBVR
990121082139	48.84	41.18	4	KIV
990123234209	44.15	38.34	3.9	KAP
990125230709	40.85	38.36	3.7	KIV
990126234931	48.1	42.24	4.6	KAP
990126234932	47.94	42.1	4.5	KIV
990128104323	40.31	38.62	3.2	KIV
990129074729	41.59	38.77	3.9	KAP KIV
990131050700	48.26	43.62	5.7	AKS AMB ARU HAR HNA KAM KAP LER PAR TCH TSO VNN VRN
990131050714	46.9	43.25	6.1	KIV
990131053607	47.26	42.78	4	KIV
990131060729	47.11	42.9	4	KIV
990131063106	47.09	43.27	4.2	KIV
990131072308	47	42.99	4	KIV
990131075252	47	43.03	4	KIV
990131081555	46.95	43.96	5.1	AKS AMB ARU KAP PAR VNN
990131081603	47.01	43.07	4.2	KIV
990131083727	47.02	42.98	4	KIV
990131105311	46.89	42.82	4	KIV
990131114010	47.05	43.15	3.9	KIV

990131120609	47.02	43.2	3.6	KIV
990131171713	46.9	42.9	4	KIV
990131191804	46.49	43.01	4	KIV
990201034347	46.52	43.02	3.9	KIV
990201064942	50.71	40.5	3.9	KIV
990201142552	47.61	43.34	5.2	AKS AMB ARU KAP PAR VNN
990201142554	47.21	43.36	4.2	KIV
990201235752	46.97	43.02	3.8	KIV
990202045619	46.58	43.07	4	KIV
990202055431	47	42.96	4	KIV
990202070345	47.08	43	4	KIV
990203142818	46.8	43.05	4	KIV
990205082902	47.02	42.98	4	KIV
990205165839	47.03	43.04	4	KIV
990205214504	46.86	42.89	4	KIV
990206100210	47.07	43.05	4	KIV
990207131858	48.41	42.8	3.9	KIV
990208112032	43.6	38.78	3.4	KIV
990208202208	43.02	38.55	3.1	KIV
990210144800	40.47	39.76	3.6	KIV
990211041451	47.08	43.03	4	KIV
990211052106	47.02	43.22	4	KIV
990214222732	44.98	38.89	3.5	KAP
990218220046	40.52	38.76	3.1	GNI KIV
990219180001	44.74	38.28	4.3	AKS
990219180015	44.51	38.81	4.3	GNI KIV
990221031830	42.06	39.89	3.6	AKS
990221031833	42.28	40.56	3.7	GNI KIV
990221181436	46.91	43.26	5.1	GNI KIV
990221203200	48.24	43.35	4.1	GNI KIV
990222070850	47.05	42.83	4.1	GNI KIV
990222075222	46.71	43.12	3.6	GNI KIV
990222080031	47.07	43.11	4	GNI KIV
990222105727	46.79	43.09	4	GNI KIV
990222133306	49.27	42.85	5.4	AKS KAP PAR VNN
990222133319	47.13	43.28	5.1	GNI KIV
990223015408	46.98	43.02	4	GNI KIV
990223191800	46.92	43.02	4.4	GNI KIV
990223200906	46.65	43.07	4	GNI KIV
990223222516	47	43.19	4.3	GNI KIV
990224054933	46.92	43.12	4.1	GNI KIV
990224130955	46.44	43.17	4	GNI KIV
990224152309	45.71	42.92	4	GNI KIV
990225185724	47.1	43.1	4	GNI KIV
990301104639	40.81	39.2	4.2	GNI KIV
990301111347	40.46	39.31	3.1	GNI KIV
990301145352	41.24	38.14	4	GNI KIV
990301175634	41.14	38.18	3.8	GNI KIV
990305040654	-12345	-12345	0	SPIK
990307055448	46.99	43.25	4	GNI KIV
990309094155	44.94	39.37	3.5	AKS
990309094204	44.93	39.13	4.2	KIV

990313202218	46.88	43.11	4.2	GNI KIV
990313211456	46.92	43.16	4	GNI KIV
990314212031	47.05	43.05	4	GNI KIV
990316003024	43.99	38.06	3.9	PAR
990317015057	47.09	40.42	3.3	GNI KIV
990317063030	46.79	42.97	4	GNI KIV
990318124742	46.91	43.15	4	GNI KIV
990320174945	47.04	43.18	4.4	GNI KIV
990321093121	47.03	42.94	4	GNI KIV
990323210658	46.76	44.12	4	GNI KIV
990326064117	47	43.31	4	GNI KIV
990329123039	47.53	42.14	4	GNI KIV
990402041846	-12345	-12345	0	SPIK
990402042652	-12345	-12345	0	SPIK STPV
990403203204	45.25	42.17	4	AKS
990403203206	44.98	42.9	3.4	KIV
990405174547	42.19	39.72	4.1	ARU
990405174553	42.28	39.59	3.8	GNI KIV
990406000029	-12345	-12345	5.4	DOG ELZ ELZ ELZ MLT
990407090912	48.19	42.31	4	GNI KIV
990407124226	47.21	43.1	4	GNI KIV
990407191900	46.97	42.91	4	GNI KIV
990410022351	-12345	-12345	0	SPIK
990410102229	46.88	43.01	4	GNI KIV
990411233834	46.8	43.04	4	GNI KIV
990413234454	47.07	43.22	3.9	GNI KIV
990413235538	47.19	43.25	4	GNI KIV
990414023115	46.91	43.04	4	GNI KIV
990414032135	47.65	43.27	4	GNI KIV
990414115610	41.57	39.19	3.2	GNI KIV
990414161225	47.12	43.22	4	GNI KIV
990415041201	46.28	41.88	4	GNI KIV
990415111603	46.84	44	5.3	AKS AMB PAR VNN
990415111612	47.08	43.32	4.1	GNI KIV
990415112349	46.98	42.92	4	GNI KIV
990415200127	46.98	43.24	4	GNI KIV
990416135706	43.37	38.58	3.5	GNI KIV
990416202145	44.88	38.53	3.5	VNN
990417222832	46.93	43	4	GNI KIV
990418102718	46.88	42.93	4	GNI KIV
990418220512	40.18	39.31	3.4	GNI KIV
990421002109	44.05	41.17	4.2	GNI KIV
990424024119	45.92	41.91	4	GNI KIV
990425124406	41.06	38.05	3.4	GNI KIV
990425132841	41.04	38.11	3.3	GNI KIV
990426210012	47.83	41.4	4	GNI KIV
990502015353	45.94	43.13	4	GNI KIV
990502062552	44.07	38.92	3.6	AKS
990503115702	43.42	39.02	4.1	GNI KIV
990503181522	46.68	42.76	4	GNI KIV
990505193126	46.92	43.09	4	GNI KIV
990505193558	46.9	43.04	4	GNI KIV

990509094219	46.08	43.07	4	GNI KIV
990509152109	41.18	38.96	3.5	GNI KIV
990522141921	42.86	42.56	4.6	KIV
990522141924	42.7	42.7	4.2	ARU HAR
990524100425	44.39	40.95	4	KIV
990525005243	46.84	42.96	4	KIV
990525094645	50.26	40.51	4	KIV
990528185911	44.98	43.08	4	GNI KIV
990529222026	47.81	42.4	4	GNI KIV
990530185932	46.4	43.06	4	GNI KIV
990531083503	42.49	40.44	4.2	GNI KIV
990602080843	47.04	43.13	4	GNI KIV
990603000212	45.71	40.86	4	GNI KIV
990603202019	44.13	42.81	4	GNI KIV
990603215233	43.36	42.41	4	GNI KIV
990604091242	47.63	40.48	5	AKS ARU NPP PAR VRN
990604091251	47.46	40.76	5.5	GNI KIV
990604104918	47.72	40.67	12345	GNI KIV
990606113435	47.05	43.28	4.1	GNI KIV
990610171954	46.85	43.05	4	GNI KIV
990610172749	46.97	43	4	GNI KIV
990616091202	47.63	42.16	4	GNI KIV
990617181745	46.19	43.01	4	GNI KIV
990620063042	40.22	38.7	3.4	GNI KIV
990622072751	40.39	38.94	3.3	GNI KIV
990624225744	46.37	43.48	4.3	GNI KIV
990625142622	47	43.05	4	GNI KIV
990626101839	42.92	43.17	4	GNI KIV
990626102742	46.13	43.22	4.4	GNI KIV
990630170657	46.58	41.86	4	GNI KIV
990705185626	47	43.1	4	GNI KIV
990706004646	46.2	42.66	4	GNI KIV
990706205207	49.4	41.55	4	GNI KIV
990707002322	46.93	43.13	4	GNI KIV
990707134849	48.36	41.88	4	GNI KIV
990707174312	48.22	41.1	4	GNI KIV
990711113101	43.49	38.54	3.4	GNI KIV
990712212139	40.22	39.16	4	GNI KIV
990714161544	47.19	42.99	4	GNI KIV
990714162239	47.15	43.05	4	GNI KIV
990714174329	47.41	41.99	4	GNI KIV
990714195757	47.5	41.97	4	GNI KIV
990717103709	40.04	38.35	3.8	GNI KIV
990717123844	47.46	42.13	4	GNI KIV
990719072522	47.62	42.21	4	GNI KIV
990719151343	47.34	42.02	4	GNI KIV
990719160645	47.37	41.9	4	GNI KIV
990720042242	41.34	39.9	4.6	GNI KIV
990720082954	47.37	42.1	4	GNI KIV
990721095649	46.2	43.22	4	GNI KIV
990722155431	47.82	41.83	4	GNI KIV
990723202615	47.09	43	4	GNI KIV

990725013753	46.98	43.13	4	GNI KIV
990725092628	46.91	43.19	4	GNI KIV
990727235632	46.59	43.01	4	GNI KIV
990729205014	47.42	41.99	4	GNI KIV
990802090930	46.92	42.85	4	GNI KIV
990802234404	46.88	43.04	4	GNI KIV
990803005107	46.95	42.98	4	GNI KIV
990803225330	46.72	43.05	4	GNI KIV
990806000307	49.46	41.86	4	KIV
990808184822	46.39	41.74	4	GNI KIV
990809103710	47.9	42	4	GNI KIV
990809115708	48.1	42.25	4	GNI KIV
990809150742	49.78	41.76	4	GNI KIV
990810121824	47.07	43.16	4	GNI KIV
990810182127	46.96	43.06	12345	GNI KIV
990811002623	46.77	42.93	4	GNI KIV
990811044713	46.35	42.78	4	GNI KIV
990814125911	47.11	43.07	4	GNI KIV
990815202158	46.27	42.49	4	GNI KIV
990819043310	47.55	38.95	4.8	AKS
990819043319	46.42	38.42	3.9	GNI KIV
990821183118	42.25	39.97	3.5	HAR PAR
990821184151	40.38	39.26	4	GNI KIV
990822111258	40.17	39.28	4	GNI KIV
990822121609	40.41	39.12	3.9	GNI KIV
990823153439	40.15	38.92	3.2	GNI KIV
990823194635	40.42	39.32	3.5	GNI KIV
990824063242	40.28	39.28	3.3	GNI KIV
990825124853	49.25	41.7	4	GNI KIV
990826221316	40.23	39.46	3.9	GNI KIV
990827074027	47.34	43.04	4	GNI KIV
990903153701	47.01	43.16	4	GNI KIV
990904015759	46.8	42.93	4	GNI KIV
990904204548	50.84	40.26	4.2	GNI KIV
990905083205	40.51	39.37	3.6	GNI KIV
990906215324	45.28	41.72	4	GNI KIV
990907203546	47.2	42.93	4	GNI KIV
990908023005	40.46	39.35	3.2	GNI KIV
990909124833	40.03	39.41	3	GNI KIV
990909125507	40.29	39.7	3.2	GNI KIV
990910083705	40.32	39.28	2.9	GNI KIV
990913092352	46.95	43.12	4	GNI KIV
990919135553	47.86	42.38	4	KIV
990919164658	46.93	43.21	12345	GNI KIV
990919164700	46.88	43.15	4.8	GNI KIV
990929115449	46.14	41.97	4.2	GNI KIV
990930034042	40.91	39.66	3.4	GNI KIV
991002014014	45.81	42.88	4.1	GNI KIV
991002070656	47.47	42.22	3.7	GNI KIV
991002202459	48.04	42.32	3.9	GNI KIV
991003131917	48.66	38.92	4.7	GNI KIV
991003131934	48	40.83	4	VNN

991007232345	43.9	42.77	4.3	GNI KIV
991010055913	46.55	40.83	4.1	GNI KIV
991012154115	48.3	39.87	4.6	ARU NAR
991012154116	48.32	39.14	4.7	GNI KIV
991013100039	40.28	40.16	3.7	GNI KIV
991015175301	47.01	43.15	3.6	GNI KIV
991017111331	40.11	39.81	3.7	GNI KIV
991019181843	42.69	44.95	4.4	GNI KIV
991021180350	46.1	42.12	3.7	GNI KIV
991022154523	40.02	38.82	3.3	GNI KIV
991023180904	46.94	42.82	3.5	EZRM GNI KIV
991024173228	40.22	39.11	3.3	DGRL EZRM GNI HRSN KIV
991024215142	40.48	39.17	3.9	DGRL EZRM GNI HRSN KIV
991025014335	40.4	39.33	3.4	DGRL EZRM GNI HRSN KIV
991025100740	40.14	39.05	3.6	DGRL EZRM GNI HRSN KIV
991026210038	46.92	43.15	4.2	DGRL EZRM GNI HINS HRSN KARS KIV KOTK KRLV
991031162151	41.48	38.6	3.6	BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV
991031200601	48.33	42.59	3.9	BTLS BYBT CMCY DGRL DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV
991123062737	43.07	39.98	4.4	AHLT ARU BNGL BYBT BYKN CMCY DGSU EZRM GNI HRSN KARS KIV KRLV LER SILN
991127072647	45.67	38.77	3.5	ARU
991128054409	40.7	38.86	3.6	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV SILN
991203170654	42.36	40.41	5.3	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
991203183230	42.25	40.08	3.5	ARU LER
991203200654	42.26	40.35	4	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
991203200752	42.17	40.2	4.1	AKS
991203203123	42.17	40.2	4.1	ARU
991203204023	42.17	40.2	4.1	AKS
991203213310	42.44	40.43	3.8	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
991204002001	42.32	40.33	3.7	AKS
991205024851	41.93	39.3	3.2	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
991205105215	47	43.08	4.2	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
991205221436	42.27	40.43	3.9	AMB KAM
991205221437	42.54	40.58	4.6	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
991207130909	42.24	40.33	12345	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
991221001228	42.42	40.37	3.9	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
991222065645	43.32	43.71	3.5	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
991224052439	46.45	42.43	4	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
991224235509	42.11	39.04	3.6	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN
991225035301	48.28	40.86	3.9	AHLT BNGL BYBT BYKN CMCY DGSU EZRM GNI HAMR HINS HRSN KARS KIV KOTK KRLV MUSH SILN

\*-12345 denotes that the data are not in the SAC header file