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SVIRCO Prompt Report: July 2010

Fabrizio Signoretti and Francesco Re

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ISTITUTO DI FISICA DELLO SPAZIO INTERPLANETARIO

AREA DI RICERCA ROMA - TOR VERGATA

Via del Fosso del Cavaliere, 100 - 00133 Roma (ITALIA)

SVIRCO Prompt Report: July 2010

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in July 2010 by the Neutron Monitor of SVIRCO-Rome (present geographic position: 41.86° N - 12.47° E; altitude about s.l.), is reported in prompt form together with the barometric pressure data.

SVIRCO OBSERVATORY

During the 1st International Geophysics Year (1957) an international network of “ground-based detectors” for continuous cosmic ray measurements was world-wide established.

The cosmic ray station of Rome joined this network with the purpose to study the time variations of primary cosmic rays (**Studio Variazioni Intensità Raggi Cosmici: S.V.I.R.CO**) and their modulation in the heliosphere.

From July 1957 to April 1997, the SVIRCO Station (now Observatory) performed uninterrupted measurements at the Physics Department “G. Marconi” of “La Sapienza” University of Rome (41.90° N, 12.52° E, altitude about 60 m a.s.l.)

In May 1997 the neutron monitor was moved to the Physics Department “E. Amaldi” of “Roma Tre” University. Since then it has been continuously running at the new location (41.86° N, 12.47° E, altitude about s.l.).

The SVIRCO Observatory (INAF/IFSI-UNIRomaTre collaboration) is housed in a reserved building provided with a double air-conditioning system. The inner temperature is permanently restrained in a range of 23°-26° C, meanwhile the relative humidity is kept below 57%. Either the environmental parameters are continuously checked and recorded by digital sensors.

On January 1, 2005 three counters were added to the detector. This upgrade, from 17 to 20 NM-64, made the SVIRCO neutron monitor still consist of 5 sections but modified its geometry. Actually the new arrangement has been composed of three 3-counter, one 5-counter and one 6-counter units. The enhancement improved not only the overall counting rate of 15.6 % (January 2005) but, as a result, also the statistical quality of the recorded data.

Each of the 20 BF₃ proportional counters (BP-28 type) is equipped with a smart amplifier/discriminator circuit complete with a spectrum stabilizer. This new electronic unit, developed in our laboratory, holds firmly the pulse height spectrum of the amplifier output (within a range of more than 150 volts around the operating voltage), providing the counter with a great immunity against high voltage variations.

Anyway, systematic and exhaustive tests of the counters are regularly performed. The output pulses of the amplifiers, discriminated by the threshold gates, are collected and stored into a multi-channel analyzer. The analysis of the height distribution (spectrum) of the amplifier pulses coinciding with the discriminator ones, is essential to verify the long term efficiency of each counter together with the amplifier gain and the discriminator threshold level.

As well as the amplifier/discriminator circuits, a large part of the electronic instrumentation operating in the Observatory was designed and realized in our laboratory together with the software for data acquisition and pre-elaboration.

In order to improve the reliability of the recorded data and to prevent measurement breakdowns, two independent systems perform contemporary the data acquisition. Each system is remotely controlled by a dedicated computer and is timed by a high stability quartz clock and/or a GPS receiver. One equipment runs according to a timing of 1 minute and fulfils the acquisition of the 20 counters separately. The other one records the individual 5-minute counting rate of each detector section in addition to the rates of the overall multiplicity, sorted into separated counting channels (from 1 to greater than 8).

A special care is devoted to the atmospheric pressure measurements, thus they are carried out by means of not less than three barometers at the same time. These instruments (achieving a resolution up to 0.01 hPa), are constantly checked out each other for the best measuring accuracy and reliability. Furthermore the devices in use are equipped with different types of transducer such as vibrating cylinder, force balance and quartz, therefore, throughout their different behaviours, it is possible to point out the occurrence of any long-term drift and eventually to re-calibrate the instruments themselves.

DATA PRESENTATION

In a preliminary step, the intensity data, of the secondary nucleonic component of cosmic ray, detected at SVIRCO Observatory, were corrected for pressure variations at a reference level of 1009.25 hPa with an attenuation coefficient of 0.70% / hPa.

The five-minutes counting rates, of the examined month, are reported in tabular form together with the hourly normalized data, which provide a continuous data set for long-term analysis.

The normalization was evaluated as percentage of the counting rate average of January-February 1997, when the Monitor operated at the previous location of "La Sapienza" University. The reference counting rate level (100%), computed for such period, is equal to 554946 counts/hour.

The atmospheric pressure data (in hectoPascal) are also collected in a monthly table which presents the five-minutes averages and the hourly ones.

The hourly averages of the normalized intensity and pressure, plotted in monthly graphs, are reported too.

CONDITIONS FOR SVIRCO DATA USE

You are welcome to use neutron monitor data of SVIRCO, IFSI/INAF-UNIRomaTre collaboration, under the following conditions:

-You agree to acknowledge our financial supports in any published use of the data.

Example: "SVIRCO NM is supported by the INAF - UNIRomaTre collaboration"

-You are kindly requested to send a copy of any published work derived from our data to:

Dr. Stefano Massetti
Head of SVIRCO Observatory & TPL
Istituto di Fisica dello Spazio Interplanetario - Area di Ricerca Tor Vergata
Via del Fosso del Cavaliere,100 00133 Roma - Italy,

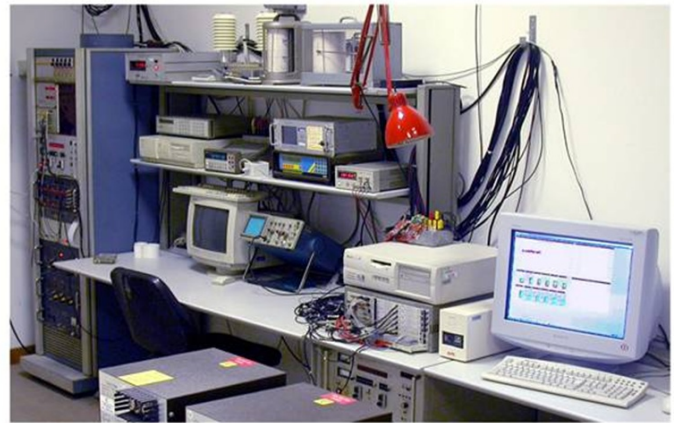
stefano.massetti@ifs-roma.inaf.it



S.V.I.R.CO. Observatory

Rome

Italy



		S.V.I.R.CO. Observatory - Pressure Corrected Data - July 2010												20 NM-64	
		INAF/UNIRomaTre													h-norm
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60		
1	0	46898	47106	46765	46868	46639	46177	46483	46789	46115	46278	46929	46768	101.442	
	1	46546	46177	46631	46256	46362	46139	46525	46799	46713	47194	46512	46589	101.198	
	2	46652	47292	46432	46277	47199	46606	45971	46037	47087	46795	46476	46131	101.291	
	3	46414	46228	47164	46017	46352	46641	46546	46667	46526	46812	46273	46707	101.180	
	4	46081	46812	46433	46319	46824	45949	46825	46726	46595	46855	46581	46639	101.233	
	5	46833	46998	46365	46936	46952	46649	46302	46451	47001	46408	46580	47014	101.569	
	6	46716	46173	47046	47128	46867	46146	46998	46536	46393	46909	47033	46890	101.631	
	7	46619	46552	46310	46296	46883	46785	46605	46196	46979	47208	46192	46820	101.380	
	8	46534	47017	46554	46696	46721	47030	46543	46617	46402	47402	47124	46141	101.621	
	9	46811	46872	46609	46998	46583	46414	47327	47523	46522	47128	46726	46234	101.797	
	10	46736	47087	47173	47010	47143	47305	46771	46603	47207	46510	46516	47146	102.061	
	11	47312	46877	46779	46921	47082	46889	46676	47051	46376	46889	46443	46361	101.780	
	12	46563	46548	47154	47317	46726	46412	46364	46295	46741	46835	47275	47355	101.767	
	13	46912	46207	46871	46789	47374	46854	46618	47013	47207	46762	46788	46291	101.785	
	14	46579	46762	46885	47345	46369	46203	46816	46751	46547	46671	45884	47037	101.452	
	15	46709	46955	47233	47206	46817	47241	46617	47117	46618	47394	47131	46671	102.152	
	16	46332	45999	47406	46655	47056	46596	46886	46859	47145	46747	47142	46794	101.773	
	17	46903	46723	46967	47011	46702	47343	46880	46517	46458	46547	46330	46738	101.683	
	18	46559	47176	46801	46433	46890	47436	46530	46928	46469	47219	46859	46440	101.795	
	19	46187	46862	46540	46605	47272	46208	46369	46867	46424	47155	46552	47492	101.576	
	20	46335	47130	46733	47383	46009	46523	46468	46576	46899	46749	46705	47336	101.633	
	21	46302	46892	46344	46718	46403	46601	47075	46119	46820	46908	46591	46301	101.312	
	22	46915	46786	46728	46856	46829	46171	46714	46480	46327	46390	46448	46437	101.313	
	23	47272	46578	47027	47348	46692	46829	46838	47205	46271	46687	46855	46579	101.875	
2	0	46574	46610	46216	46827	46747	46315	46789	47023	46846	46031	46675	46985	101.415	
	1	46806	46167	46502	46523	46156	47028	46551	46370	46552	46507	46505	46786	101.200	
	2	47085	46059	46366	46501	46002	46487	46170	46415	46253	47114	46824	46261	101.034	
	3	47035	46072	46147	46947	46692	46199	45902	45853	46686	46454	46584	46478	100.945	
	4	46276	46590	46596	46829	46175	47327	46371	46471	46677	46616	46707	46290	101.285	
	5	46431	46819	46006	46637	46979	46498	46538	46913	47037	46740	46976	46749	101.538	
	6	46642	46855	46808	46687	47130	46664	46738	46387	46437	46408	46801	46505	101.491	
	7	46457	46979	46420	46843	46438	46831	46509	46933	46135	46455	46914	47048	101.473	
	8	46595	46762	46755	46517	47252	46386	46674	46158	46617	46476	45914	46844	101.290	
	9	46996	46438	46642	47488	46456	46605	46852	46590	46961	46634	46672	46768	101.679	
	10	46511	46992	47065	47178	46917	46625	46993	46591	47239	46894	47042	46626	101.964	
	11	46494	47595	46533	46791	46518	46608	46594	47152	46848	46829	46275	47122	101.726	
	12	46414	47135	46707	46646	47045	47377	46516	47011	46596	46340	46925	46567	101.712	
	13	46642	46328	46646	47327	47335	46350	46415	47099	46529	46506	46917	47164	101.708	
	14	47195	47205	46430	46024	46261	47434	47059	46917	46984	46564	45958	47044	101.675	
	15	46943	47077	46162	46826	46627	46898	46523	46566	45914	46126	46172	46569	101.191	
	16	46415	46985	46663	46131	46595	46432	46716	45987	45798	46956	46641	46701	101.121	
	17	46524	47042	46521	46077	45965	46860	46156	46717	46725	47002	46419	46824	101.269	
	18	46593	45958	47387	46687	46731	46718	46554	46519	46707	46854	46919	46309	101.468	
	19	46751	46365	46438	47112	46717	46969	46792	46350	46480	47225	46795	46464	101.563	
	20	46743	46110	46211	46352	47006	46914	46628	46176	46981	46565	46548	46573	101.264	
	21	46801	46569	46157	46510	46294	46639	46525	46576	46518	46396	47060	46914	101.292	
	22	46907	46991	47173	46226	46900	46608	46578	46702	46089	47179	46748	46449	101.580	
	23	46564	47424	46119	46512	46395	46190	46013	46098	46546	46762	46471	46651	101.072	

		S.V.I.R.CO. Observatory - Pressure Corrected Data -July 2010												
		INAF/UNIromaTre			20 NM-64									
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
3	0	46621	46618	46390	46668	45878	46851	46618	46258	46336	46552	46253	46890	101.106
	1	45830	46580	46512	46264	45863	46581	46536	46458	46106	46356	46003	46611	100.701
	2	46166	46672	46670	46394	46529	45699	46340	46773	46348	46516	46151	46656	100.921
	3	47188	46640	46889	46267	46516	46630	47014	46966	46567	46090	46443	46865	101.493
	4	46520	46549	46617	46350	46742	46957	46755	46032	46650	46505	46137	46859	101.239
	5	46606	46903	46798	46523	46289	46762	46924	46884	47270	46422	46743	46304	101.558
	6	46717	45990	46721	46706	46281	46929	46825	46690	47101	46359	46814	46630	101.437
	7	47471	46520	47208	46528	46838	46446	46804	46313	47206	46623	46664	46426	101.670
	8	46963	46542	47023	46676	46649	47033	46470	47192	47061	47004	46620	46341	101.765
	9	46838	46283	46815	47415	46508	46418	46278	47238	46625	46448	46176	46963	101.480
	10	47173	46615	46867	46593	46697	46227	47211	46172	46993	46824	46614	45849	101.450
	11	46912	46942	46318	47362	46712	46679	46229	46714	47136	47279	46989	46600	101.819
	12	46508	46541	46570	46715	46403	46376	46612	46520	46661	46961	46044	47102	101.301
	13	46918	46496	46691	46676	46490	46817	46373	46392	46718	46729	45822	46504	101.231
	14	46976	47434	47424	46358	46171	46870	46501	46985	46639	46293	46664	46234	101.579
	15	47031	46910	46871	46390	46762	46471	46698	46525	47297	46030	46198	46407	101.407
	16	46281	46644	46035	45927	46743	46807	46499	46558	46155	46220	46560	46720	100.963
	17	45720	46555	46047	46600	46325	47137	46466	46796	46387	46496	46177	46511	100.976
	18	46281	46302	46567	46975	46173	46474	47205	46281	46389	46698	46128	46559	101.124
	19	46748	46546	46858	46407	46258	46723	46326	46734	46365	45754	46334	46465	101.031
	20	46770	46989	46489	46594	46049	45885	46111	46770	46619	46734	46456	46613	101.132
	21	47570	46521	46691	46529	46569	46687	46411	46490	46781	46465	46387	46740	101.451
	22	46495	46971	46050	46478	46789	46175	47359	46851	46808	46380	46497	46054	101.282
	23	47789	46723	47024	46359	46580	46254	46909	46650	46860	46942	46461	46675	101.702
4	0	46513	46412	46356	46820	46800	47240	46973	46509	46383	46147	46768	46430	101.358
	1	46131	46257	47342	46362	46493	46972	46607	47363	46563	46694	46464	46447	101.425
	2	46735	46455	46734	46075	46745	46201	45833	46341	46999	46595	46755	47504	101.293
	3	46527	46402	46566	46202	46339	46535	46066	46636	46344	46540	46244	46679	100.951
	4	46568	46512	46283	46891	46694	46198	46707	46223	46715	45987	47373	46463	101.228
	5	46489	46764	47075	46941	46322	46931	47094	46798	46077	46535	46821	46705	101.580
	6	46398	46986	46972	46703	46167	46670	46189	46240	46542	46182	47087	46238	101.186
	7	46092	46386	46180	46688	46145	45941	46918	46977	46756	47014	46084	46769	101.108
	8	46582	46124	46693	46477	46934	46672	46494	47015	46975	46785	47031	46485	101.528
	9	46302	46838	46023	47034	46567	46724	46841	46207	46521	46840	47272	46724	101.461
	10	46624	46348	46559	46208	47171	46464	46356	46866	47025	46459	46569	46753	101.372
	11	46805	46442	46744	46697	47568	47278	46719	46645	46651	46369	47006	46341	101.709
	12	46825	46642	46324	46704	47068	47222	46556	46654	46375	46742	46918	46806	101.631
	13	46856	46390	46511	46584	46369	47296	47066	46774	46897	47328	46420	46889	101.730
	14	46877	46762	47092	46502	46549	46249	46576	46616	46479	47051	46484	46875	101.500
	15	47365	46797	46911	46797	46792	46096	46363	46698	46916	46381	46613	47415	101.687
	16	46705	46507	46247	46755	46617	46929	46814	46599	46455	46639	47015	46586	101.456
	17	47146	46762	46297	46633	46597	46391	46797	47199	46706	46560	46909	46557	101.581
	18	45983	46975	47091	46794	47283	46696	47135	46907	46677	46731	46451	46304	101.666
	19	46803	46999	47252	47311	47158	47638	47263	46965	46185	46709	46758	46974	102.209
	20	46430	46258	46575	46445	46948	46209	46547	46503	46780	46964	46429	46693	101.259
	21	46154	46314	46855	47246	46549	46284	47492	46506	46823	46210	46733	46342	101.391
	22	46442	46869	46547	46254	47105	46342	47301	47032	46426	46968	46427	46445	101.509
	23	46302	47092	46941	46474	46165	46207	46306	46558	46244	46509	46346	46543	101.061

		S.V.I.R.CO. Observatory - Pressure Corrected Data - July 2010											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
5	0	46236	45958	46180	46337	46196	46521	47047	45948	46344	46509	46439	46551	100.797
	1	46471	46477	46742	46351	46722	46394	46981	46114	46778	46860	46446	46395	101.250
	2	46035	46473	46749	45970	47287	46106	46695	47044	46589	46599	46184	46566	101.172
	3	46751	46425	46550	46544	46851	46425	46329	46701	46322	46379	46714	46832	101.266
	4	46555	45965	47139	46420	45724	46758	47273	46458	46275	46531	46470	46687	101.164
	5	46228	46575	46479	46431	46516	46362	46984	46456	46334	47062	46258	46232	101.102
	6	46698	47107	46667	46471	46664	45578	46304	46316	46603	46430	46858	46563	101.164
	7	46304	46767	46452	46369	46639	46473	46435	46909	46513	46227	46960	46982	101.304
	8	46954	46596	46380	47194	46322	46908	46714	46603	46930	46638	46862	46906	101.663
	9	46707	45827	46806	46588	46530	46903	46726	46585	46592	46308	46441	47017	101.305
	10	46151	46401	46897	47160	46427	46685	46673	46930	46580	46738	47494	46943	101.675
	11	46421	47284	46238	46372	46929	46800	46511	46404	47000	46704	46949	46427	101.487
	12	46727	46746	46638	46982	46632	46933	47040	46917	46322	47020	47049	46397	101.734
	13	46485	46169	46820	45951	46461	46683	46634	46663	46105	46924	46455	47273	101.230
	14	46733	46517	47345	46794	46111	46530	46442	46942	46544	46400	47416	46789	101.582
	15	46089	46877	46225	46264	46668	46022	46659	46468	46860	46688	46935	46481	101.161
	16	46930	46431	46829	46389	46942	46342	46699	46857	46584	46865	47128	46153	101.507
	17	46548	47128	46689	45949	46361	46350	46756	46900	47622	46399	46358	46600	101.419
	18	47036	47275	46769	46523	47068	46891	46769	47032	46659	46663	46436	47680	101.987
	19	46447	47273	46882	46976	47024	46606	46760	46873	47207	46688	46497	47071	101.897
	20	46570	46932	46520	46690	46082	46949	47002	46684	46415	47007	47408	46837	101.678
	21	46299	46314	46665	46253	46735	46774	46759	47007	46645	46883	46360	46845	101.397
	22	46591	47257	46511	46376	46759	46657	46566	46557	45992	46655	47463	46343	101.430
	23	46588	45968	46955	46089	46675	46810	46334	46743	46209	46561	46769	47129	101.268
6	0	46696	46733	47370	46367	46800	46718	46615	46616	46482	46824	46617	46230	101.488
	1	46263	46581	46812	46470	46765	46974	46461	46340	46254	46156	46691	46232	101.117
	2	46353	46420	46924	46014	46568	46922	46173	46738	46883	46405	46170	46689	101.164
	3	46690	46679	46720	47142	46119	46770	46705	46764	46447	46951	46913	46499	101.552
	4	46294	46963	47037	47008	46189	46695	46953	47218	46222	46249	46160	46195	101.332
	5	46148	45971	46536	45907	46516	46476	46627	46437	46471	46707	47260	46748	101.082
	6	45950	46055	46154	46160	46114	46475	46286	46472	46581	46775	45964	46162	100.601
	7	45933	45937	46852	47148	46803	46510	46342	46088	46853	46314	46436	47167	101.187
	8	46115	46955	46038	46765	46364	46358	46604	47074	46692	46111	46425	46568	101.130
	9	46493	46256	46576	46717	46475	46429	45830	46296	46740	46773	46795	46242	101.049
	10	46731	46160	46548	46228	46528	46257	46959	46279	46607	47148	47141	47070	101.418
	11	47209	46396	47303	46699	46680	47370	46425	46204	46320	46909	46530	46696	101.614
	12	46682	46648	47121	46495	47371	47339	46697	45992	45796	46737	46622	46908	101.554
	13	46985	46859	47289	46530	46831	46820	46748	47499	46509	46773	46559	47135	101.940
	14	46173	46725	46527	46551	46969	46641	46627	46365	46843	46489	46974	47379	101.527
	15	46623	46314	46767	46811	46769	46043	47159	46322	46527	46433	46581	47009	101.364
	16	47368	45991	46719	46914	46676	47383	46743	47106	47601	47059	46277	46684	101.937
	17	46534	46793	46502	46793	46549	46249	46978	46675	47445	46774	46961	46710	101.655
	18	46546	46260	46490	46954	46573	46820	46252	47036	46830	46444	46634	46588	101.376
	19	46347	46443	46467	46720	47004	46705	46627	47105	47034	46675	46908	46912	101.651
	20	46093	47089	46708	47030	46344	47341	46820	46672	47393	46562	46854	46598	101.752
	21	46783	46817	46704	46630	46406	46356	47381	46484	46306	46922	46475	46519	101.440
	22	46869	47037	47009	46636	46605	46046	46707	46839	46850	46637	46717	46598	101.580
	23	46164	46260	47069	46279	46932	46522	46634	45909	46727	46195	46483	46675	101.090

		S.V.I.R.CO. Observatory - Pressure Corrected Data -July 2010											20 NM-64	
		INAF/UNIromaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
7	0	47018	46692	46608	46683	46436	46293	46373	46395	46275	46665	46331	46599	101.183
	1	46164	46327	45379	46548	46022	46014	46532	46343	46340	46548	46546	46330	100.591
	2	46224	46518	46478	46488	45810	47092	46704	46636	46429	46421	46075	46307	100.969
	3	45986	46439	46544	46599	46459	46765	46630	46519	45922	46140	46025	46122	100.782
	4	46771	46042	46659	46916	46511	46049	46529	47012	46910	46545	46733	46030	101.246
	5	46525	45846	46429	46420	46587	45693	46699	46591	46477	45864	46209	46496	100.726
	6	46850	46232	46342	46443	45411	46607	45923	46285	47268	46683	46649	46284	100.932
	7	46420	46854	46395	46559	46641	46113	46624	46273	46428	47135	46562	46121	101.140
	8	46808	46021	46291	46537	46833	46803	46459	46210	46873	46834	46717	46833	101.338
	9	46850	46763	46675	46189	46334	46684	46336	46784	46950	46090	46984	46484	101.321
	10	46596	46342	46273	46782	47003	46768	46649	46444	46370	46563	46231	46151	101.148
	11	46766	46507	45610	46616	46587	46329	46817	46305	46924	46906	45707	46817	101.098
	12	46474	46336	47372	47122	46477	46677	46729	46130	46808	46595	46911	46286	101.465
	13	46682	46360	46194	46375	46261	47413	46437	46361	46666	46918	46535	47065	101.347
	14	46956	46842	46251	46536	46709	46492	46252	46924	46593	46595	47025	46348	101.394
	15	46735	46393	47051	46640	46270	46579	46348	46715	46550	46725	46467	46694	101.329
	16	46915	46362	46677	46231	47122	46570	46535	46405	45932	47188	46721	46433	101.316
	17	45975	46198	46574	46800	46434	46555	46830	46627	46602	46360	46468	46478	101.100
	18	47115	46526	46884	46382	46656	46928	46206	46437	46945	46736	46744	47257	101.628
	19	46149	46744	46447	46352	47044	46797	46676	46634	46253	46199	46638	46857	101.261
	20	46542	46661	46471	47078	46356	46253	46153	46198	46357	46375	46508	46704	101.055
	21	46330	45992	46677	46339	45841	46384	46421	46363	45951	45976	46799	46532	100.684
	22	46430	46159	45991	46196	46233	45993	45906	46296	46670	46344	46650	45855	100.524
	23	46756	46457	46118	47130	47293	45800	46638	46000	46037	46460	45634	45643	100.750
8	0	46321	46251	46117	46908	46206	46655	46079	46190	46175	46701	45964	46447	100.759
	1	47127	46378	46492	45975	46195	45727	46648	47095	46401	46277	46229	46929	101.022
	2	46260	45993	45961	46401	46056	46447	46255	46335	45906	46309	46359	46318	100.501
	3	46054	46669	46119	46285	46551	46716	46499	45802	46409	46039	46558	46653	100.819
	4	46952	46250	46133	46105	46171	46563	46396	46710	46687	45866	46764	46575	100.967
	5	46353	46026	46783	46528	46298	46589	46389	46636	46196	47034	46924	46899	101.236
	6	46954	46510	46485	46388	46154	46253	46847	46596	46986	46345	47192	46613	101.357
	7	46830	47626	46800	46873	46429	46741	46676	47301	46463	46292	47029	46613	101.783
	8	47169	46302	47106	46651	46333	46235	46821	46435	45906	46341	47433	46149	101.277
	9	46538	46637	46422	46275	47034	46591	46303	47172	46686	46577	46358	46745	101.360
	10	46484	46667	46023	46757	46764	46791	47005	46753	46631	47135	46391	46263	101.419
	11	47110	46876	47115	46323	46401	46618	46558	46029	45802	46723	46737	46580	101.275
	12	46370	46697	46286	46892	46742	46423	46129	46858	46703	46689	46812	46439	101.306
	13	46059	46699	46638	46596	46524	46548	47011	47004	47200	46646	46745	46416	101.496
	14	46859	46666	46585	46925	46968	46273	47001	46385	46496	46837	46782	46290	101.492
	15	46269	46640	46808	46014	46944	46673	47347	46504	46984	46527	46865	46279	101.454
	16	46692	46501	46821	46685	45977	46560	46183	45978	46266	47022	46467	46554	101.064
	17	46585	45888	46742	46120	46452	46445	46779	46604	46621	46304	46320	46486	100.999
	18	46432	46599	46907	46454	45567	46397	46300	46105	45954	46814	46688	46302	100.849
	19	46179	47197	46117	46694	45902	46535	46442	46667	46507	46678	45813	47076	101.082
	20	47178	46146	46324	46030	46427	46223	46268	45563	46162	46455	46184	46466	100.651
	21	46532	46996	46769	46387	46551	46668	46779	46425	45994	46402	46742	46710	101.290
	22	46172	46612	46736	45911	46386	46329	46405	46229	45977	46319	45926	47065	100.767
	23	46414	47055	46342	46296	46142	46005	46374	45824	45590	46387	46472	45994	100.555

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		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
9	0	46234	46153	46349	46173	46473	46499	46283	46448	46528	46279	46075	46590	100.767	
	1	46360	45798	46560	46616	46815	46517	46909	46452	47115	45774	46804	46717	101.197	
	2	46434	46463	46313	46583	46533	45859	46327	46847	46813	46439	46880	46804	101.171	
	3	46261	46450	46708	46289	47133	46976	47466	46686	46665	46350	46442	45376	101.263	
	4	46307	46158	46840	46709	47082	46504	46649	46347	46175	46706	46664	47052	101.333	
	5	46341	46267	45991	46697	46819	46418	46704	46491	46335	46773	46025	46786	101.053	
	6	46612	46758	45984	46640	46697	46826	46546	46734	47688	46151	47179	47395	101.699	
	7	46634	46801	46477	46585	46617	46630	46037	46690	46852	46864	46972	47387	101.579	
	8	46865	47327	46982	46629	46532	47034	46281	46411	46796	47113	46862	47009	101.814	
	9	46900	46604	46678	46949	46587	46946	46810	46979	46694	47159	47371	46681	101.907	
	10	46598	47215	47206	46501	46959	47304	47003	47427	47269	46769	47043	47321	102.317	
	11	47310	46585	47313	46160	46505	47031	46959	47087	46716	45756	46649	46982	101.671	
	12	46804	47181	46481	46935	46444	47097	46828	46830	47380	46264	47407	47156	101.989	
	13	46826	46622	46463	46742	46870	46443	46883	46901	46395	45954	47045	46893	101.487	
	14	46388	46729	47070	46669	47225	46519	46750	47178	46256	46922	47383	46638	101.793	
	15	46487	47133	46318	47154	47632	46592	46824	46629	46368	46858	46481	46473	101.652	
	16	46540	47061	46533	46477	47465	45949	46850	46155	46551	47002	46162	46993	101.432	
	17	46397	46695	46464	46755	47162	46279	46130	47114	46553	46481	46252	46486	101.257	
	18	46155	46668	46850	46299	46539	46556	46672	46603	46831	47310	46200	46650	101.359	
	19	46579	46481	45888	47026	46615	46331	46437	47081	46592	46632	46109	46677	101.199	
	20	46760	46648	46089	46044	46789	45905	45774	46209	46707	46966	46049	46682	100.868	
	21	46183	46281	46030	46187	46691	46249	46495	46912	46468	47238	46848	45693	100.986	
	22	46566	46749	46941	46659	46145	46943	46248	47084	46465	46884	46147	46912	101.433	
	23	47157	46066	46574	45741	46324	46152	46647	46605	46213	46815	46522	46455	100.985	
10	0	46856	46720	46002	46888	47028	46428	46385	46437	46890	46576	46241	46559	101.297	
	1	46582	46427	46544	46865	46054	46078	46524	46969	45976	46352	46830	45963	100.966	
	2	46590	46897	46386	46755	46370	46236	46559	46701	46264	46928	46643	46525	101.273	
	3	47144	47825	46581	46841	46467	46735	46333	46628	46443	45964	46259	46466	101.423	
	4	46668	46897	47048	46734	46585	46185	46601	46368	46245	46460	46543	46690	101.304	
	5	46846	46706	46134	46727	46550	46770	46745	46899	46789	46296	46835	46089	101.369	
	6	46182	46415	46738	46693	46857	47170	46715	46323	46725	47307	46297	46295	101.428	
	7	46888	46802	46653	47038	46673	47293	46767	46794	46428	46299	46508	46487	101.594	
	8	47269	47023	47052	47026	46676	46624	46286	47084	46007	47009	47008	46628	101.786	
	9	46524	47279	46689	46633	46782	46867	46646	46679	47202	47633	46970	47016	102.010	
	10	46618	46954	46699	46536	46413	47270	47069	47305	46704	46977	46456	46851	101.816	
	11	47280	46392	47142	46779	46498	47059	45980	47451	46569	46936	46437	46972	101.751	
	12	47306	46677	46780	47518	46618	46820	46767	46895	46324	46781	46783	46946	101.881	
	13	46815	46540	47498	47027	47196	46558	47756	46614	46777	47202	46878	46647	102.116	
	14	47090	46835	46821	46958	46854	46337	46830	46685	47021	46931	46752	46608	101.792	
	15	47468	46528	47277	46851	46356	46988	47118	46836	47039	47081	46939	46760	102.067	
	16	47289	46579	46316	46532	46326	46404	46793	46895	47047	46816	46310	46747	101.490	
	17	46686	47038	46916	46627	46885	46420	47553	46807	46236	46852	46522	46182	101.611	
	18	46340	47065	46557	47017	46323	47114	46582	46734	47031	46763	46578	46795	101.643	
	19	46554	46776	46009	46269	46408	46499	47244	46931	47204	46712	46381	46075	101.310	
	20	46130	46454	47152	47138	46275	46568	47050	46327	47572	46408	46198	46991	101.528	
	21	46212	46633	46814	46608	46842	46520	46259	46719	46999	46579	46783	46146	101.319	
	22	46439	46511	47172	45715	46457	46188	47117	46703	46107	46408	45819	46527	100.966	
	23	46007	45437	47011	47124	46312	46578	46566	46472	46435	46365	46002	46399	100.883	

		S.V.I.R.CO. Observatory - Pressure Corrected Data - July 2010											20 NM-64		
		INAF/UNIromaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
11	0	46619	46577	46436	46407	46913	46806	46692	46342	46284	46591	46978	46326	101.287	
	1	46813	46493	46572	46474	46000	46375	46011	46300	46643	46827	47067	45848	101.013	
	2	47115	46419	45876	45925	46377	46241	46611	46121	46767	46494	47076	46053	100.950	
	3	45821	46786	46849	46407	46886	46623	46707	46977	46678	46488	46025	46453	101.244	
	4	46629	46557	46435	47026	46976	46897	46490	46539	46238	47232	46734	46625	101.548	
	5	46565	46048	46730	47086	47020	47131	46607	46362	46676	45983	46042	46782	101.305	
	6	47591	46526	47145	46769	46698	47163	46576	47120	46298	46732	46651	46596	101.818	
	7	46814	46492	46780	46735	46459	46461	46517	47107	46848	46843	46433	46630	101.502	
	8	46882	46564	46563	46470	47154	47099	46790	47207	46408	46347	47259	46908	101.779	
	9	46718	45974	47020	46927	46506	46725	47320	46727	46174	46690	47018	46517	101.537	
	10	46632	46809	46744	46940	46943	46968	46259	46671	46640	46366	46910	46992	101.638	
	11	47092	46603	46901	46285	46684	46842	47485	46759	46400	46230	46536	46691	101.572	
	12	46606	47036	46642	47121	46554	46993	46805	46833	46923	46304	46750	46768	101.722	
	13	47290	46998	46331	46686	46687	46975	46411	46422	47105	46648	46363	46714	101.594	
	14	46692	46887	46822	46672	46258	46540	47177	46504	46150	46370	46306	46464	101.270	
	15	46632	46994	46527	46311	46488	47413	46504	47701	47017	45884	47091	46803	101.727	
	16	46836	46579	47306	46419	46810	46842	46640	46610	46239	46792	46866	46555	101.569	
	17	46557	46513	46581	47052	45973	46114	47068	46641	46243	46417	46880	46673	101.247	
	18	46537	46539	46662	46966	47714	46249	46591	46508	46556	46796	46625	46504	101.525	
	19	46079	46547	46853	45875	46070	46497	46807	46198	46499	46710	46109	46538	100.897	
	20	46813	46723	46571	46830	46264	46591	46819	46258	46303	46494	46437	46171	101.167	
	21	46446	46590	46755	46998	46635	45924	47240	46323	46396	46553	46476	47196	101.395	
	22	46852	46545	46879	46171	46250	46548	46849	46612	46702	46912	46788	46708	101.446	
	23	46510	46348	46344	46381	46587	46166	46775	46402	47140	46205	46626	46539	101.122	
12	0	46747	45905	46790	46412	46943	46863	46458	46428	46670	46169	47098	46522	101.296	
	1	46776	46728	46641	46268	47108	47055	46784	46383	46367	46795	46588	46862	101.544	
	2	46441	46774	46381	45957	46446	46543	46660	46060	46674	46375	46208	46634	100.964	
	3	46028	46238	46163	46483	46156	46924	46578	46574	46323	46484	45802	45959	100.703	
	4	46442	46203	46061	46719	46746	46351	46356	46702	46152	46298	46786	46707	101.031	
	5	47101	46750	46237	46353	46904	46602	46194	46550	46415	47030	46829	47190	101.508	
	6	46885	46493	46350	45907	46791	46491	46255	46821	46702	46626	46553	47030	101.281	
	7	46061	46534	46421	46414	47002	47526	46267	46718	47537	47054	46824	46878	101.704	
	8	46564	46828	46585	47056	46384	46290	46750	47391	46663	46789	46788	46464	101.580	
	9	46728	46138	46350	46844	46866	46472	46401	46954	46888	46810	47457	46603	101.572	
	10	46551	46989	46339	46847	46408	47040	47274	46911	46399	46451	46583	46626	101.556	
	11	47058	46732	46927	46482	46498	46827	47079	46632	46786	46909	46477	46682	101.677	
	12	46915	47222	46221	46662	46550	47027	46938	46444	46650	46699	46946	46738	101.663	
	13	46524	47222	46663	47284	46990	46617	46651	46261	47628	47014	46819	46876	101.942	
	14	46438	46992	47185	45985	46596	47132	46882	46449	46807	46302	46756	47018	101.578	
	15	46984	46802	46969	46444	46958	47808	46848	46832	46455	46504	46531	46792	101.829	
	16	46807	46699	46536	46483	46763	46826	47193	46238	46913	47089	46964	46756	101.710	
	17	46905	46291	46472	47301	46757	46791	47202	46012	46328	46116	46575	46594	101.361	
	18	46915	46736	46349	46332	46812	46863	46688	46767	46514	46942	46314	46986	101.519	
	19	46955	46641	46520	46512	46246	45916	46455	46757	46402	46695	46690	46945	101.251	
	20	46216	45933	46495	46016	47099	46832	46239	46755	46588	45837	46222	46658	100.916	
	21	46582	47059	46556	46569	46977	46480	45732	46190	46434	47210	47305	46805	101.461	
	22	45742	46231	46108	46826	46382	46825	46714	46705	46282	45950	46259	46368	100.826	
	23	46284	46554	46179	46752	46669	46362	47030	46115	46138	46720	46474	46458	101.070	

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		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
13	0	46964	46735	46804	46220	46008	45940	46492	46283	46421	47473	46650	46967	101.282
	1	46613	45964	46064	46732	46239	47147	46770	46528	46274	46521	46330	47172	101.182
	2	46530	46542	46896	46482	47008	46634	46106	46308	45989	46540	47255	46754	101.307
	3	46559	46446	46610	46964	46879	46136	46207	46436	46456	46858	46298	46876	101.249
	4	46550	46545	46323	46793	46740	46612	46012	47062	46871	46532	47083	46940	101.491
	5	46311	46593	46710	46455	45592	46578	47062	46243	45944	46874	46857	46383	101.045
	6	46218	46050	46215	46837	46531	46319	46329	46173	46226	46551	46914	47007	101.003
	7	46496	46819	46867	47223	46806	46388	46080	46980	46794	47017	46675	47169	101.718
	8	47057	46000	46955	46505	46482	46708	46048	46385	46597	46569	46705	46431	101.198
	9	46887	46641	47092	46779	47253	46863	47088	46796	46131	46525	46817	46659	101.757
	10	47598	46779	46480	47460	46540	47270	46590	47089	47077	46852	46693	46702	102.047
	11	46182	46748	46142	46640	46731	46853	46794	46717	46509	46191	46570	46469	101.216
	12	46587	46310	46961	47206	47225	46612	47501	46902	46659	47117	46957	47282	102.081
	13	46807	47439	47623	46553	47348	47449	46572	46952	46631	46249	47153	46673	102.105
	14	46752	46819	46836	46458	46850	45972	46407	46816	47961	46961	46973	46548	101.725
	15	46413	46674	47173	46910	47537	46336	47060	46509	46569	46760	47437	46842	101.882
	16	47216	46486	46203	47116	46798	46203	46731	46751	46760	46119	46479	46845	101.427
	17	46604	47168	46504	47134	47280	46465	46487	46437	46722	46458	47123	46832	101.700
	18	46895	47181	46866	46336	46988	46694	46288	46890	46618	46662	46429	46710	101.581
	19	46825	46951	46094	47106	46006	45972	46241	46587	46927	46666	46705	46473	101.218
	20	45524	46126	46569	46097	46837	46963	47214	46129	46485	46521	46360	46897	101.067
	21	46212	46122	46632	46564	46562	46579	46727	46434	47350	46386	46323	46677	101.220
	22	46678	47013	47008	46557	46083	46468	47201	46268	46810	46244	45906	47005	101.342
	23	46823	46577	46386	46402	46891	46459	46412	46216	46835	46318	46819	45562	101.063
14	0	46068	46313	46087	46544	46516	46653	46488	46953	45820	46029	46264	45923	100.686
	1	46725	46364	46667	46446	46773	46503	46382	46858	45999	45970	46276	46769	101.069
	2	46868	46688	46563	46542	46297	46411	46422	46777	46414	46998	46982	46619	101.404
	3	46957	46264	45787	46499	46309	46331	46560	46378	46950	46457	46360	46700	101.036
	4	46576	46776	46940	46761	46855	46041	46178	46570	46576	46218	46402	46230	101.140
	5	47307	46978	47438	46622	46855	46296	46850	47455	46140	46803	45901	46541	101.695
	6	46717	46742	46455	46323	46256	46810	46292	45614	46079	46125	47208	46309	100.923
	7	46315	47168	46494	46405	46377	46509	46806	46133	46574	46349	46310	46850	101.170
	8	46074	46323	47357	46716	47002	46423	46162	46624	46540	46630	47156	46725	101.432
	9	46909	46997	46860	46210	46541	47335	46395	46837	46745	46775	46691	46476	101.620
	10	46830	47242	46157	46380	46390	46476	46133	47264	46621	46678	46771	46713	101.418
	11	47503	46668	47027	46629	46825	47011	46576	46992	46822	46319	46830	46353	101.761
	12	46397	46883	46196	46701	46847	46278	46676	46849	46741	47472	47166	46750	101.653
	13	46628	46830	47144	46403	47219	46616	46384	46855	46570	46713	46231	46586	101.512
	14	46878	46721	46481	46936	47683	46844	46324	46710	46694	46902	47033	46527	101.794
	15	46852	46766	47028	46670	46476	46230	46673	46707	46269	46493	46815	47182	101.509
	16	46855	47097	47278	46626	46636	47117	46874	46642	46768	46456	47154	47534	102.030
	17	47199	46633	47048	46481	46720	46084	46200	46869	46815	46580	46314	47145	101.496
	18	46077	46620	46162	46830	46776	45932	46699	46714	46759	46373	46667	46110	101.066
	19	46414	45965	46022	47628	46368	46810	46844	46789	46553	46552	45623	45943	101.029
	20	46722	46606	46123	45678	46524	46458	46828	46216	46000	46823	46380	46920	100.987
	21	46556	46255	46510	46463	46429	45931	46192	45893	45842	46381	46554	46549	100.675
	22	45641	46286	46142	46872	46685	46174	46688	46732	46456	46416	46518	46961	101.040
	23	46766	46606	46124	46904	47289	46704	46586	46645	46679	46965	46433	46788	101.569

		S.V.I.R.CO. Observatory - Pressure Corrected Data - July 2010												
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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
15	0	46380	46685	46788	47481	46893	46404	46420	46892	46504	46661	46848	46304	101.530
	1	46478	46345	46642	46617	46516	46266	47355	46413	46420	46588	46663	47046	101.362
	2	46960	46734	47192	47451	46868	46617	46362	46701	46392	46607	46741	46918	101.760
	3	46292	46527	46637	46570	46680	46532	45493	47064	46590	46375	46631	46090	101.024
	4	46502	46701	46196	46542	46224	46733	46732	46913	46794	46734	46629	46710	101.373
	5	45864	46136	46140	46880	46375	46518	47119	46004	46378	46419	46935	45614	100.824
	6	47735	46378	46491	46161	46533	46451	46230	46419	46499	46637	46213	47107	101.272
	7	47365	46203	46406	46636	45740	46479	46989	46343	46882	46868	46370	45850	101.141
	8	46313	46738	47253	46558	46636	46382	46499	46226	46060	46597	46883	46974	101.320
	9	47222	47055	46722	46007	46692	46372	46616	47689	47229	46807	46873	46481	101.800
	10	47195	46341	46808	46417	46610	47105	46852	46580	46798	47229	46917	46537	101.732
	11	46688	46823	47326	46295	46918	47072	46724	46578	46940	46854	46371	46343	101.648
	12	47167	46771	47108	46900	46566	46368	47173	46637	46698	46601	46920	46793	101.789
	13	46211	46972	46968	46786	46919	46839	46244	46922	46105	46718	46881	46245	101.446
	14	47147	46816	46810	46782	47045	46397	46936	46258	46903	46318	46674	47182	101.710
	15	46990	46630	46497	46658	47295	46326	46537	46614	47101	46679	46632	46110	101.492
	16	47170	46737	46952	46756	46900	46568	46553	47091	46197	46745	46865	46377	101.645
	17	46475	46934	47115	46612	46702	46166	46582	46023	46411	46886	46220	46563	101.243
	18	46063	46324	46583	46734	47179	46429	47247	46401	47005	46346	47154	46626	101.496
	19	46733	46535	46124	46585	45812	46361	46840	46333	46008	46706	46438	46451	100.923
	20	46406	46270	46569	46046	46726	45870	46032	46588	46755	46425	46816	46716	100.976
	21	45892	46968	46289	46476	46732	46352	46737	45813	46326	46730	46275	46183	100.895
	22	45911	45812	46408	45287	45716	46704	46380	47383	46403	46111	46776	46246	100.599
	23	46197	46722	46054	46445	46006	46723	46759	46750	46422	46051	46403	46089	100.868
16	0	46420	46166	46435	45864	45662	46461	46020	45824	46288	46273	46107	46649	100.419
	1	45827	46641	46638	46880	45717	46202	46244	46302	46249	45972	46804	46122	100.682
	2	45628	46213	45919	46472	45768	46638	46689	46502	46584	46450	46033	46039	100.563
	3	46341	46357	45837	46217	46792	46298	46453	46693	46255	47752	46055	46243	100.989
	4	46321	45924	45883	46501	46710	46827	47180	46865	46885	46495	46953	47083	101.412
	5	46705	47071	47048	46036	46339	46455	46642	46487	46276	46301	46263	46633	101.164
	6	46611	46852	46802	46527	46286	47033	46544	47026	46372	46349	47234	46793	101.558
	7	47082	46964	47239	46871	46746	46563	46399	46577	46392	46962	46873	46791	101.744
	8	46948	47446	46780	46548	46606	46974	46331	46604	46304	46712	46666	46324	101.524
	9	46788	46815	46291	46582	46672	47234	46652	46203	46798	46951	47160	46936	101.676
	10	46633	46669	46603	46877	46462	46165	46977	46653	46616	46324	46485	46407	101.275
	11	46593	47365	46034	47647	46505	46779	46656	46319	46529	46363	46349	47282	101.556
	12	46203	46519	46640	46896	46872	46446	46819	46345	47003	46867	46687	46709	101.481
	13	46651	46752	46825	46483	46658	46866	47233	46862	46675	46611	47009	46699	101.720
	14	46481	47284	46138	47410	46574	46540	46982	46752	47376	46576	46392	46811	101.718
	15	46837	46684	46463	46696	46977	46020	46866	46926	46814	46546	46690	46327	101.452
	16	46959	46159	46442	46922	46696	46511	46813	46780	46569	46527	46372	45931	101.241
	17	46275	47376	46428	47334	46839	46522	46646	46867	46388	46618	47005	46522	101.628
	18	46140	46814	47062	46532	45906	46512	46358	46312	45732	46940	46516	46413	100.979
	19	46315	45958	46380	46658	46421	45420	46354	46119	46540	47243	46282	47024	100.884
	20	46323	46159	46409	46371	46464	46848	46420	46335	45713	46165	46226	46231	100.694
	21	46284	46620	46028	46086	46538	45753	46163	46894	46515	46022	46445	46401	100.710
	22	46548	45965	46207	45825	46544	46381	46552	46417	46359	46298	46281	45915	100.627
	23	46204	46920	46655	46071	46748	46748	46502	45975	46332	46819	46731	46847	101.218

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60		
17	0	46412	45674	46565	46702	45880	45673	47119	45970	46249	46453	46176	45981	100.547	
	1	46315	46552	46529	46483	46310	46776	46549	46278	46197	46167	47096	45904	100.964	
	2	46275	46303	46533	45808	47125	46820	47227	45988	46542	47206	46353	46851	101.304	
	3	46894	46604	46465	46269	46400	46243	46726	46124	46127	46528	46273	46496	100.963	
	4	46790	46589	46411	46645	46235	46841	46427	45914	46315	45913	46569	46093	100.890	
	5	46487	46547	46397	45966	46565	46275	47005	47400	46922	46677	45971	46135	101.180	
	6	46913	46659	46232	45727	46436	46423	46478	46741	46189	46046	46975	45885	100.883	
	7	46141	46392	47037	46705	46541	47050	46644	46620	46758	47139	46243	47268	101.577	
	8	46531	46660	46547	46979	46993	46302	46570	46536	46194	47316	46313	46437	101.368	
	9	46475	46411	45942	46465	46459	46475	46673	47322	46661	45954	46227	47008	101.131	
	10	46216	46316	46766	47284	46102	46801	46336	46866	46589	46437	46584	46903	101.335	
	11	46801	47098	47247	47483	47138	46334	46811	46397	46382	47051	46681	45962	101.731	
	12	47087	46922	46257	46001	46760	46747	46289	46631	47030	46441	46295	46420	101.277	
	13	46464	47338	46641	46306	46843	46250	46347	46898	47120	46716	46933	46597	101.562	
	14	46957	46498	47573	46727	46716	46140	46949	46600	46324	46768	46081	46726	101.490	
	15	46827	46418	46800	47468	46715	46461	46945	46350	46561	47068	46533	46744	101.641	
	16	46292	46627	47094	46539	46864	46643	46926	46451	46502	46940	47040	46890	101.627	
	17	46926	46940	47200	46638	47007	46848	46216	47567	46576	46916	46763	47142	101.976	
	18	47102	46463	46140	46617	45990	46791	46398	46792	46851	46780	46762	46933	101.411	
	19	47322	46662	46250	46681	46741	46475	46799	46683	47280	46694	46863	46010	101.564	
	20	47015	46640	46737	46174	46594	46636	45976	46662	47272	46950	47164	46834	101.599	
	21	47061	46165	46771	46616	46901	46624	47004	46902	46758	47240	47038	46575	101.780	
	22	45987	46092	46890	46113	46458	46359	46326	46819	46650	46122	46748	46184	100.890	
	23	46783	46756	46897	46577	45890	46676	46398	46195	45782	46048	46461	45862	100.814	
18	0	46404	46896	46650	46835	45975	46465	46386	46596	46401	46601	46667	46800	101.237	
	1	46754	46905	46085	46839	46648	46326	46324	46306	46646	46500	46221	46645	101.153	
	2	46488	46397	46381	46461	46578	46540	47004	46752	47008	46096	46450	46388	101.216	
	3	46004	46475	46669	46499	46360	46776	47085	46546	46775	46597	46352	46457	101.225	
	4	46423	46590	46455	46939	46112	46719	46676	45574	46671	46992	46771	46781	101.245	
	5	46751	46576	46359	47401	46853	46275	46477	46117	46394	46854	46543	46020	101.230	
	6	46436	46640	46644	46452	46225	46423	46928	46438	46388	46586	47064	46396	101.230	
	7	46081	46921	46922	47082	47041	46186	46658	47001	46474	46641	46809	45914	101.431	
	8	46503	46624	46746	46863	46409	46721	46670	47117	45865	46865	46703	46517	101.408	
	9	46514	46444	47195	46933	46868	46283	46923	46939	46157	46810	46624	46364	101.490	
	10	46959	47135	46205	46378	46639	47239	46685	46564	46885	46799	46734	46221	101.561	
	11	46730	46870	46194	46513	47017	46904	46234	46548	46635	46221	46654	46771	101.351	
	12	46496	46734	46830	46628	46173	46920	46907	46327	46657	46386	47067	46622	101.434	
	13	47066	46177	46196	46903	47151	46261	46304	46695	46714	46604	47307	46416	101.443	
	14	46290	47663	46261	46308	46453	46596	46454	47123	46678	46538	46786	46633	101.441	
	15	46681	46969	47101	46403	47193	46856	46545	46843	45933	46785	46880	46747	101.650	
	16	46754	46059	47081	45673	46680	47025	46905	46903	47029	46898	46944	46831	101.622	
	17	46821	46801	46774	46924	46917	46487	47736	46463	46815	46723	47336	47140	102.012	
	18	46971	47092	46788	47029	47052	47101	46669	46581	46408	46780	46703	46516	101.787	
	19	46914	46908	46515	47333	47312	46942	46826	46710	46872	46675	46848	46747	101.951	
	20	47242	46560	46843	46113	46550	46321	46664	46455	46924	46898	46223	47005	101.443	
	21	46341	46600	45836	46706	46246	46952	46448	46264	46110	46932	46626	46880	101.107	
	22	46704	46543	46759	46096	47071	46675	46560	46846	46480	46626	46970	46793	101.502	
	23	46219	46339	46426	46377	45965	46804	47093	46431	46338	46652	46540	46599	101.078	

		S.V.I.R.CO. Observatory - Pressure Corrected Data - July 2010											20 NM-64		
		INAF/UNIromaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
19	0	46910	47002	47593	46377	46468	46988	46277	46555	46394	46834	46648	46531	101.582	
	1	47506	47097	46703	46324	46977	46442	45918	46548	47142	46994	46868	46817	101.722	
	2	46466	46600	46739	46812	46422	46522	46127	46121	47344	46643	46883	46881	101.400	
	3	46450	46636	46459	46594	45981	46580	46591	46442	46817	46669	46877	46519	101.229	
	4	46592	46233	46716	46490	46023	46163	46888	46979	46119	46733	46774	46705	101.192	
	5	46057	47026	46987	46924	47372	47179	47251	46755	46829	46659	47016	46172	101.883	
	6	47203	46876	46496	46727	46556	46506	46817	47291	46708	47121	46660	46530	101.750	
	7	46901	46768	46612	46894	46843	46536	46769	46492	46895	46454	46171	46200	101.396	
	8	46716	46287	46850	47257	46534	46587	47206	46749	46464	46472	46865	46739	101.612	
	9	47128	45918	47274	46802	46998	47163	45854	47249	46154	47318	46531	46761	101.688	
	10	46554	46182	46600	46755	47367	46415	47218	46516	46936	47195	46790	46382	101.645	
	11	46185	46268	46755	46787	47048	46806	46728	46493	46755	46599	46542	46810	101.440	
	12	46159	46391	47107	46231	46847	46603	46298	47418	46576	47027	46557	46794	101.481	
	13	47071	46180	46735	47246	46829	46894	46546	46787	47302	46961	46605	46180	101.722	
	14	46463	46779	46041	46941	47429	46704	47110	46764	46958	47006	47281	47139	101.954	
	15	46383	47073	46631	47237	46775	46668	45630	46881	46345	46637	46840	46567	101.419	
	16	46694	47154	47385	46967	47336	46059	46533	46634	47249	46487	46547	46249	101.714	
	17	46342	47030	47563	46718	47127	47049	46907	46685	46031	46739	47158	46376	101.792	
	18	46487	46728	46968	46928	46527	46736	47100	47256	47002	45816	46762	46152	101.564	
	19	46889	46499	46789	47108	46620	46770	46811	46544	46685	46770	46135	46239	101.455	
	20	46437	46425	46875	46701	46052	46993	46341	46490	46651	46200	46558	46344	101.130	
	21	45990	46755	46548	46829	46302	46804	46131	46706	46947	46605	46226	46328	101.149	
	22	46977	46349	46516	47057	46723	46530	45918	46795	46112	45915	47584	46671	101.326	
	23	46876	46678	46400	46327	46577	46708	46254	47067	46477	46580	47034	46711	101.423	
20	0	46586	46370	47007	46984	46751	46696	46409	47133	46882	46239	46932	46323	101.534	
	1	47368	46961	46452	46608	47007	46264	47239	46462	46746	46856	46541	46273	101.621	
	2	46580	46151	46009	45981	46505	45994	46742	46703	47168	46888	46020	46236	100.932	
	3	46536	46469	46738	46915	46601	46414	46810	46820	47014	46623	46141	46144	101.340	
	4	46396	46549	46415	46218	46323	46186	47354	46878	46505	46718	47251	46787	101.404	
	5	46582	46486	46757	47122	46568	46692	46393	47162	46608	46709	47039	47081	101.697	
	6	46540	46616	46419	46218	47028	46679	47342	47248	47182	46797	46926	46710	101.789	
	7	47247	46883	46677	46327	46895	46703	46819	46374	46647	46857	47201	46905	101.758	
	8	46773	46978	46523	46061	46969	46039	47026	46732	46692	46634	46526	46854	101.445	
	9	46818	47195	46261	46878	46552	47122	47298	46376	46453	46676	46424	47169	101.701	
	10	46237	46908	46922	47179	47152	46871	46458	46562	46705	46923	46631	46273	101.628	
	11	47060	46903	46708	46742	46736	46396	47117	46678	47200	46627	47391	46863	101.919	
	12	46564	47290	46297	46878	46171	47016	47255	46353	46670	46397	47333	47100	101.720	
	13	46776	47051	46895	46692	47388	46890	47238	47103	46396	46898	46600	46782	101.971	
	14	46836	46440	46782	46835	47084	46706	46761	46763	47226	46773	46974	46820	101.842	
	15	46840	46748	46589	46588	46808	46943	47290	46943	46802	46733	46399	46909	101.769	
	16	47028	46739	46896	46179	47045	46769	46430	47096	46863	46519	47028	47212	101.807	
	17	46964	46515	46766	46872	46560	46258	47287	46842	46882	47018	46351	47257	101.765	
	18	46557	46907	46187	46781	46843	46574	46696	46424	46711	46484	46299	46642	101.318	
	19	47102	46910	46761	46965	46873	46966	47334	46709	46649	46873	47336	46690	102.054	
	20	47018	46905	46481	47227	46478	46654	46740	46914	46574	46984	46501	46745	101.701	
	21	46769	46303	46419	46676	46765	47147	46409	46921	46555	46547	46953	46585	101.489	
	22	46673	46845	46827	46886	47233	46271	46662	46612	47293	47084	46338	46688	101.736	
	23	46952	46819	46738	46554	46478	46826	46389	47261	46258	46545	47166	46913	101.643	

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		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
21	0	46509	46698	46770	47211	46318	46956	46970	46778	46875	46475	46627	45899	101.491	
	1	45967	46708	46678	46868	46721	46601	46604	46326	46509	46998	46456	47005	101.379	
	2	47038	46344	46905	46812	46770	47261	46734	46432	46574	46606	47012	46739	101.702	
	3	47138	46909	47166	46607	46161	46895	46956	46642	46169	46435	46223	46716	101.483	
	4	46898	46329	46395	46785	46899	47024	46744	47307	46873	46761	46445	46946	101.734	
	5	46441	46946	46730	47184	46968	46473	47092	45968	47044	46569	46296	46553	101.528	
	6	46459	46873	46816	46977	46064	46897	46837	46917	46022	46467	47098	47042	101.565	
	7	47091	46747	46967	46506	46512	46469	46749	46967	46853	47196	46367	47217	101.777	
	8	46835	46580	47637	47124	47274	46324	46642	46499	47151	46517	46995	47006	101.948	
	9	46425	46991	47349	46791	47063	46697	46628	46170	46516	46732	47143	47114	101.773	
	10	46839	46193	47190	46345	46920	46453	46675	47202	46659	47540	46809	46488	101.718	
	11	47363	46943	46281	46602	46752	46588	47385	46743	47126	46845	46971	46768	101.909	
	12	46112	47337	46785	46751	46534	46600	46982	46819	46582	46960	46931	46728	101.683	
	13	47280	47100	46408	46833	47373	46543	47109	46806	46943	46477	46778	46654	101.897	
	14	47268	46498	46367	46304	46867	46777	46441	47053	46320	46648	47053	46931	101.576	
	15	46973	47143	46905	47012	47280	46663	47232	46438	46124	46848	46439	47119	101.874	
	16	46714	46671	46981	47177	46810	46997	46433	46669	47218	47102	46733	46431	101.831	
	17	46889	47182	46863	46282	47226	46819	47125	47203	46481	46731	46715	46546	101.854	
	18	46801	47265	46512	46722	46543	46473	46568	45858	47064	46848	47233	46744	101.594	
	19	45924	46854	46333	47421	46766	46915	47031	46792	46574	47275	46420	46125	101.558	
	20	46979	46739	46477	46641	46509	46205	46982	46930	46701	46652	46227	46526	101.402	
	21	46864	46829	46609	46727	46645	46909	46574	46784	46414	46088	46864	47257	101.582	
	22	46768	46823	46144	46560	46596	46839	46879	46500	46360	46821	47037	46215	101.397	
	23	47400	45997	46753	46770	46774	46623	46585	46720	46746	46613	45455	46926	101.365	
22	0	46752	46610	46850	46746	46554	46404	47013	46088	46512	46880	46494	46993	101.459	
	1	46628	46889	46793	46941	46302	47227	46012	47128	46203	46703	46437	46604	101.456	
	2	46134	46744	46951	46248	46510	46883	46968	47002	46418	47157	46520	45949	101.386	
	3	46214	47182	46720	46801	47200	46600	47004	47436	46846	47208	45825	46559	101.769	
	4	46643	47089	46619	47287	46805	46571	46607	46852	46732	47373	47026	47417	102.027	
	5	46375	46765	46280	46823	46694	46149	46955	46534	46819	46851	47363	47184	101.623	
	6	46561	46949	46980	46430	47060	47551	47746	47038	46770	47053	46383	46759	102.074	
	7	46786	46093	47722	46886	46558	46416	46986	47262	47018	46958	46810	46973	101.927	
	8	47437	47040	46992	47258	46793	46836	46637	47564	46763	46698	46923	46697	102.140	
	9	46966	46784	45767	46693	46904	47164	46967	46872	46402	46805	47179	47107	101.772	
	10	47170	46483	46596	47258	47076	46823	47313	45706	46794	46553	46941	46588	101.716	
	11	46583	47084	47524	46719	47127	46225	46772	46260	46483	47571	47092	46895	101.903	
	12	46394	47139	47197	46806	47091	46695	46749	47080	46362	46666	46453	47215	101.814	
	13	46660	46672	46223	47279	47675	47005	47304	46544	46700	46808	46371	47444	101.967	
	14	46599	46914	46875	46699	45819	46887	47122	47050	46661	46362	46417	46025	101.377	
	15	46915	47123	46254	47351	46629	46714	46450	46987	46210	46991	46714	46112	101.562	
	16	46708	46528	46925	46503	46509	46948	46755	46335	47071	46470	47219	46344	101.537	
	17	46774	46900	46908	47006	46949	46213	47009	46939	46420	46701	46801	46316	101.650	
	18	46120	46556	46417	46557	46295	46936	46715	47021	46834	46609	46655	46490	101.336	
	19	46894	46193	46576	46687	47466	46758	46903	46597	46952	45908	46507	46939	101.549	
	20	47420	46703	46979	46318	45974	46188	46973	46657	46577	46654	46208	46508	101.327	
	21	46449	46661	46372	46976	46821	47108	46773	46620	47057	46442	46339	47300	101.646	
	22	45873	46902	46885	46457	46524	46032	46266	46903	46445	46359	46618	46902	101.148	
	23	46366	46297	46366	46531	46758	46736	46835	47119	46606	46424	46693	46693	101.376	

		S.V.I.R.CO. Observatory - Pressure Corrected Data - July 2010														
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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm		
23	0	47091	46357	46985	46581	46634	46287	46432	46105	46396	46361	46627	46467	101.174		
	1	46782	46691	46088	46117	46480	46949	46322	46691	46473	46293	46169	46262	100.994		
	2	46378	47279	46594	46716	46698	46899	46763	46709	46717	46452	46868	46756	101.630		
	3	46408	46731	46402	46621	46447	46723	46423	46242	46344	45787	46430	46212	100.895		
	4	46585	46124	46877	46793	46934	47132	46573	46518	46639	46783	46991	46103	101.489		
	5	46594	47238	46709	46424	46342	46330	46493	46563	46008	46513	47117	46925	101.345		
	6	46399	46332	46536	46628	46820	46501	47152	46900	46700	46701	45752	46296	101.248		
	7	45947	47203	46302	46907	46232	46779	46743	46657	46144	46305	46524	46671	101.193		
	8	47055	46983	46393	47123	46312	46378	46950	46031	46846	46766	46509	46498	101.452		
	9	46941	47356	46577	47022	46754	46897	46604	46902	46782	46792	46790	46655	101.855		
	10	46657	46789	46161	46243	46412	46997	46849	46395	46908	46646	46685	46310	101.308		
	11	46680	47425	46096	46549	46487	47056	46626	46000	47021	46601	46014	46785	101.360		
	12	46850	46983	47059	46493	46952	47016	47404	46164	46123	46140	46680	46255	101.501		
	13	46191	46421	46772	47022	46616	46377	46450	47041	46501	46559	47176	46598	101.430		
	14	46803	46845	46469	46267	47052	46885	46909	46055	45817	46353	46338	47043	101.269		
	15	46886	46629	46206	46784	46777	46878	46345	46194	46199	46434	46880	46663	101.276		
	16	46734	46440	46808	46197	46888	46615	46604	47200	46815	46741	46018	46382	101.379		
	17	46983	46614	46648	45952	46390	46551	46287	46435	46555	46370	46030	47022	101.088		
	18	46951	45999	46527	46719	45928	46632	46046	47071	46715	46900	46391	46438	101.175		
	19	46132	46630	46599	46538	46868	45914	46329	46682	46741	46375	47140	46226	101.149		
	20	46221	46355	46620	46024	46577	46260	46542	46016	46441	46472	46871	46183	100.861		
	21	46143	45523	46261	46208	46136	46178	46457	46062	46371	46055	46237	45836	100.296		
	22	46052	46585	46049	46363	46063	46175	45792	45725	46356	45732	46377	46622	100.373		
	23	46371	46561	45955	46805	46421	46453	46460	45966	46296	45620	46275	46516	100.701		
24	0	46640	46626	45862	46907	46453	46211	46419	46213	46138	46074	46398	46342	100.800		
	1	46661	46269	46953	46590	46379	45630	45606	46443	46725	45878	45988	46614	100.707		
	2	46255	46071	46368	46633	46073	45928	46613	45737	46290	46159	46381	46269	100.534		
	3	46450	47001	46100	46700	46410	46472	46348	46322	46607	46921	46335	46245	101.101		
	4	46504	46112	46207	46108	46407	45597	45691	46296	46259	46451	46308	46174	100.413		
	5	46312	46268	46327	46393	46885	46715	46539	46536	46224	46801	46562	46155	101.066		
	6	46250	47016	46109	46546	46311	46791	45893	47302	46447	46993	46062	46456	101.150		
	7	45902	46699	46509	46320	46051	46240	46207	46535	46051	46647	46627	46639	100.833		
	8	47103	46439	46467	46842	45930	46356	46679	46665	46891	46584	46382	46604	101.288		
	9	46522	46824	46729	46665	46824	46649	46191	46880	46749	47057	46320	46031	101.379		
	10	46723	46194	46931	46530	46801	46489	46467	46042	47018	46624	46496	46808	101.321		
	11	46836	46892	46764	46965	45853	47141	46329	47034	46380	46771	47016	47024	101.662		
	12	47055	46591	46627	46915	46941	46264	46942	46335	46934	47243	46419	46266	101.577		
	13	47006	46952	46418	47098	46645	46874	45914	46869	46571	46715	46743	46629	101.558		
	14	46740	46146	46000	46779	47297	46720	46552	47231	46456	46427	46440	45995	101.259		
	15	46314	46372	46520	46613	47447	46986	46263	47054	46561	46733	46598	46215	101.421		
	16	46259	46685	46364	46241	46882	46593	46676	46482	46517	46425	46908	46929	101.292		
	17	46347	46430	47161	46504	46996	46479	46459	46745	45979	47270	46567	46789	101.430		
	18	46802	46146	46702	46812	46781	45981	46653	46557	46499	46321	47114	46496	101.274		
	19	46630	47175	46669	46338	46317	46415	46482	46575	45936	46341	45888	45895	100.876		
	20	46905	45605	46508	46526	46349	46677	46647	46601	46296	46649	46286	46370	101.012		
	21	46479	46954	46509	46453	46141	47167	46466	46516	46214	46605	46444	46302	101.163		
	22	46613	47087	46772	46419	46610	46360	46848	45965	46565	46417	46120	46616	101.189		
	23	46635	46654	46626	46996	46577	46620	46793	46425	46341	46565	46185	46314	101.250		

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	
25	0	46672	46168	46114	46388	46570	46567	46738	46479	46156	46171	46807	46386	100.974
	1	46152	46815	46632	46674	46514	46287	46925	46213	46104	46972	46624	46406	101.175
	2	46854	46758	46663	46880	46573	46489	46490	46822	46738	46096	46312	46601	101.348
	3	46389	46781	46740	46523	46578	46908	45962	46813	46782	46815	46338	46880	101.391
	4	47093	46769	46567	46714	46463	46443	46944	45877	47055	46822	46428	46177	101.362
	5	46290	46918	46636	47001	46467	46435	46701	46551	46054	46373	46791	47035	101.344
	6	45910	46671	46572	47042	46146	47060	46733	46360	46424	46596	46338	46519	101.185
	7	46707	46756	45985	46887	46786	46755	47042	46215	47155	46613	47006	46283	101.514
	8	46702	46446	46564	47188	46826	46583	46614	46725	46725	46979	46533	46787	101.602
	9	47077	46535	46533	46724	46121	46251	46457	46396	46987	47200	47475	46680	101.559
	10	46693	46517	46488	46347	46899	47089	46585	46746	46984	46890	46577	46525	101.542
	11	46648	46994	47039	46511	47001	46638	46627	46197	46375	46226	46979	47332	101.582
	12	47203	46757	47178	46655	47301	46536	46168	47274	47195	46969	47126	46195	101.943
	13	46900	47022	47114	46780	46610	46597	46759	46171	46509	46570	47060	46609	101.607
	14	46816	47150	46904	46868	46849	47163	47269	47355	46365	47005	47119	47086	102.196
	15	46595	46853	46769	46884	46849	47065	46260	46858	47054	47135	46362	46550	101.703
	16	47316	47338	46894	46805	46691	46849	46725	47003	46713	46937	46910	46528	101.971
	17	46868	46916	46986	46635	47427	46526	46731	46832	46804	46833	46462	46060	101.676
	18	47008	46962	46531	46528	46856	46818	46504	45841	46429	46364	46621	46756	101.339
	19	46679	46869	46594	46842	46700	46620	46949	46626	46964	46712	47052	47106	101.790
	20	46986	46907	45552	46278	46593	46472	46488	46978	47017	46689	46616	46864	101.378
	21	46762	46530	46741	45982	46832	46986	47145	46834	47303	47378	47279	46728	101.932
	22	46699	46137	46641	46649	46681	47089	46944	47011	47069	46892	46434	46766	101.663
	23	47267	47027	46863	47021	46446	47091	46998	46541	47091	46649	47265	47018	102.074
26	0	46579	47063	47331	46912	46860	46921	46293	46882	46965	46869	46853	47332	101.995
	1	46571	46811	47182	46915	47316	46472	46974	46494	46569	46676	46641	46904	101.756
	2	47451	47180	47162	46314	46034	46839	46826	46561	47406	46845	46762	46337	101.791
	3	47044	46714	47080	46746	46371	46904	47065	46693	46663	46911	46787	47046	101.847
	4	46852	46836	46733	46463	47291	46810	46748	46520	46575	46657	46381	46719	101.586
	5	46686	46278	46508	46714	46663	47060	46652	46790	46722	47217	46725	47253	101.710
	6	46504	47492	47227	46728	46437	47201	46866	47155	47339	47091	46620	46753	102.099
	7	47114	46632	47049	46158	46673	46869	46741	46779	46854	46549	46295	46768	101.567
	8	47360	46358	46893	46572	46363	46434	46802	46635	46839	46861	46436	46771	101.539
	9	46486	47160	46866	46627	46826	46666	46787	46373	46900	46921	46689	47111	101.736
	10	46797	46570	46756	47085	47178	47124	46627	46985	46745	47203	46846	47296	102.062
	11	46671	46905	46688	46367	46165	47020	46906	46556	46759	46155	47526	46357	101.494
	12	46821	46776	47039	46821	46572	47317	46395	46834	46850	47583	47175	46808	102.022
	13	46641	46740	46904	46766	46767	46849	46668	46025	46602	47389	46320	46424	101.497
	14	46395	46899	46576	46276	46434	46956	46057	47153	46937	46883	46279	46328	101.330
	15	46427	47023	47049	47409	47440	46304	46965	46253	46850	46545	47461	47004	101.974
	16	46992	46317	46904	46629	46702	46727	46719	47252	46190	47280	46991	46864	101.764
	17	47016	46779	46085	46731	46748	46754	47404	47080	46498	47274	47466	46538	101.910
	18	46913	46636	46707	46708	46729	46710	46579	46470	46717	46710	47448	46994	101.719
	19	46858	46078	47408	46738	47118	46871	47476	46669	46297	47172	46739	46953	101.911
	20	46894	47099	46518	46925	46564	46938	46604	46665	46643	46886	46772	46627	101.686
	21	47002	46413	47021	46687	46986	47187	47326	46221	46976	47042	47387	46818	102.035
	22	46719	46438	46798	47201	46760	46862	46962	46786	46781	46246	46384	46513	101.562
	23	47074	46687	46742	46808	47063	46942	46555	46579	46366	46835	46692	46805	101.688

		S.V.I.R.CO. Observatory - Pressure Corrected Data -July 2010											20 NM-64	
		INAF/UNIromaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
27	0	47084	46681	46887	46958	46450	46728	46595	46327	47325	46718	46594	47074	101.738
	1	46686	46681	47372	46739	46869	46145	47375	46722	46686	47599	46668	46993	101.939
	2	46423	46911	46455	46541	46495	47004	46197	47070	46310	47250	46686	46791	101.504
	3	46057	47315	46857	46790	46668	46993	46208	46474	46389	46963	46732	46675	101.502
	4	46927	46464	46229	47005	46236	46525	46180	46626	46435	46350	46955	46475	101.191
	5	46927	46734	47150	46760	46806	46468	46425	46795	46926	46462	46752	46758	101.654
	6	46839	46359	46257	46803	46476	46105	46693	46782	46520	46773	46607	46818	101.304
	7	46044	46279	47124	46945	46779	46961	46839	46164	46533	46454	46971	46640	101.432
	8	46039	46762	47293	46413	46868	46291	46956	47058	46218	47013	47042	46702	101.599
	9	46506	47451	46519	46485	47057	46455	47062	47258	46648	47147	46608	47354	101.942
	10	46750	46672	46976	46857	46932	46575	46443	46639	46355	47132	47013	46725	101.674
	11	46289	46562	47502	46785	47263	47068	46217	46721	46655	46223	47169	47206	101.781
	12	46920	46925	47069	46546	46760	46720	46875	47182	47230	46952	46852	46554	101.949
	13	46614	46217	47051	46404	46762	46551	46782	46224	46809	47019	46734	46831	101.479
	14	46145	46446	46852	47119	46751	46323	46565	46283	46595	46515	47014	46677	101.350
	15	46328	46714	46585	46891	46315	46239	46877	46154	47118	46737	46401	46703	101.310
	16	46312	46209	46089	46542	46906	46469	46897	46828	46177	46715	46680	45995	101.085
	17	47184	46561	46785	46797	46821	46998	46653	46719	46389	47214	46442	46156	101.611
	18	46209	46492	46487	46656	46910	46387	46283	46294	45858	46782	46569	46909	101.088
	19	46834	46579	47062	47324	47012	46765	46853	46533	47187	45949	46911	46668	101.784
	20	47527	46759	46902	47216	47151	45913	46883	46829	46754	46435	46732	46714	101.810
	21	46461	46025	46961	46483	46475	46518	46815	46742	46925	46643	46362	47009	101.375
	22	47056	46911	46655	46391	46281	46255	46204	46577	46418	46244	47468	46290	101.253
	23	46596	46859	46644	47097	46639	46432	46376	46318	46627	46385	46816	47165	101.472
28	0	46727	46774	46590	47270	46534	47001	47097	46598	46490	46481	47102	46008	101.598
	1	46978	46564	46963	46530	46971	46664	46669	46795	47090	46580	46448	45880	101.504
	2	46147	46130	46463	46652	46651	46581	46769	46817	46537	46482	46652	46517	101.190
	3	46805	46826	46706	46822	47065	46636	46914	46994	46884	47428	46517	46802	101.915
	4	46688	46601	46567	46353	46109	46258	46511	46794	47026	47036	47002	46565	101.391
	5	46303	46937	46530	46181	46369	45713	46471	47164	46890	46025	47414	47242	101.342
	6	46873	46678	46397	47474	46153	47145	46497	46347	46620	46727	46341	47041	101.533
	7	47029	46867	46847	46694	46291	46482	46196	46857	46392	46626	46680	46361	101.357
	8	47066	46308	46572	46706	47162	46895	46149	46639	45726	47306	46163	46806	101.389
	9	46808	46185	47077	46537	45868	46393	46885	46815	46931	46447	46394	46084	101.195
	10	46683	46705	47400	46463	46384	47386	47529	46936	46577	46248	47247	47412	102.019
	11	46909	46589	47140	47167	47147	47005	47062	46950	46777	46471	46269	47012	101.933
	12	46443	46307	46575	46524	46623	46910	46382	46627	46421	46448	46272	46547	101.132
	13	47207	46296	46498	46932	46579	46986	46734	46559	46806	46634	46261	46946	101.560
	14	46415	46329	46627	46621	46903	46590	46923	46882	47588	46401	46137	47300	101.610
	15	46096	46514	46025	46423	46933	46852	46651	46107	46963	45958	47258	46253	101.124
	16	46185	46353	47063	46273	46051	46650	45893	47170	46349	46761	46760	46679	101.151
	17	46501	46367	46605	46617	46537	46848	46729	46519	46841	46659	46612	46703	101.396
	18	46233	46884	46746	47157	46684	46353	46494	46831	46283	46599	45969	46702	101.287
	19	46815	46582	46781	46022	46086	46391	46446	47093	46739	46531	46094	47089	101.238
	20	47504	46799	45981	46032	46441	46417	46567	46821	46328	45881	46951	45981	101.064
	21	46046	46753	46335	46133	46413	46855	46546	46462	46577	46287	46724	46577	101.065
	22	46294	46384	46315	45986	46531	46346	46167	46589	46546	46429	46661	47126	101.004
	23	46339	46607	46725	46429	45891	47010	46507	46759	46351	46325	46538	46313	101.080

		S.V.I.R.CO. Observatory - Pressure Corrected Data - July 2010												20 NM-64	
		INAF/UNIRomaTre													h-norm
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60		
29	0	46489	46887	47154	46270	46404	46711	46267	46507	46913	46815	46685	45973	101.305	
	1	46435	46810	46515	46821	46743	45742	46940	46815	46814	46136	46420	46815	101.300	
	2	46279	46154	46483	46482	46617	46586	46497	46938	47141	47194	46435	46916	101.430	
	3	46168	46950	46485	46529	46250	46693	46376	46711	46355	45964	46697	46375	101.037	
	4	47117	46957	46731	47306	47326	46124	47162	46491	46553	46014	46812	46306	101.643	
	5	46152	46353	46575	46784	46742	46403	46006	46657	46427	46401	46556	46640	101.062	
	6	46207	46411	46653	47211	46459	46581	46718	46305	46898	46398	46902	47026	101.438	
	7	46450	46844	46858	46546	46681	46380	46870	46853	46592	46795	46471	46561	101.462	
	8	46648	46575	46833	46769	47131	46076	46981	46410	46423	46934	46716	46092	101.405	
	9	46403	46263	46812	47039	46490	46128	46310	46465	46785	46365	46963	47058	101.314	
	10	46722	47212	46310	46844	46985	46751	46522	47201	46409	45893	46065	46564	101.385	
	11	46367	47202	46544	46256	46254	47153	46117	46781	46896	46380	47025	46403	101.367	
	12	46515	46460	46675	46527	46822	46875	47158	46746	45856	47063	46043	46730	101.384	
	13	46102	46446	46312	46999	46183	46529	46602	46272	46780	46531	46893	45789	101.016	
	14	46879	47240	46578	46173	46932	46596	46270	46660	46719	46809	46888	46253	101.479	
	15	46093	46725	46865	46733	46206	46113	45914	46624	47397	46621	46263	46412	101.111	
	16	46233	46849	46379	47195	46522	46688	46371	46052	46015	46617	45677	46341	100.925	
	17	46407	45983	46316	46894	45870	46508	46626	46119	45976	46379	46094	46658	100.725	
	18	46673	45846	46912	46002	46966	46255	46303	47014	46308	45927	46909	46238	101.000	
	19	46354	45702	46641	46421	46444	45880	46987	46328	46803	46440	46484	46556	100.943	
	20	46815	46695	46468	46257	46367	46772	46185	46415	46371	46713	46255	46387	101.063	
	21	46635	46944	46768	46623	46129	46847	46852	46752	45985	47228	46470	45939	101.330	
	22	46614	46250	46359	46346	46460	46531	46706	46077	46946	46284	47001	46593	101.148	
	23	46271	46052	46402	46340	46620	46851	46207	46735	46366	46660	46405	46326	100.979	
30	0	46581	46718	45995	46427	46265	46522	46630	46866	45870	46896	46465	46093	100.982	
	1	46351	46772	46523	46283	46877	46229	46920	46402	46442	46079	46857	46326	101.128	
	2	47099	46851	47010	46529	46380	46629	46496	46880	46491	46086	46590	46758	101.443	
	3	46696	46903	46666	46552	46569	46337	46593	46468	46315	45717	46663	46314	101.080	
	4	46094	45918	46206	46413	46307	46327	46706	46381	45979	46841	46474	46263	100.739	
	5	46704	46807	46711	46211	46361	46772	46844	46411	46002	47148	46922	46572	101.383	
	6	46194	46878	46080	46273	46221	46663	46391	46462	46466	46702	46477	46617	101.013	
	7	46050	46201	46194	46302	46260	47011	46040	46425	46794	45947	46694	46799	100.885	
	8	46082	46726	46489	46253	46689	46286	47016	46167	46754	46752	46033	46561	101.083	
	9	46798	46035	46351	46218	46654	46646	46710	46380	46457	46213	46154	46545	100.966	
	10	47187	46131	45765	46716	46194	46816	46870	46847	46417	47054	45780	46697	101.203	
	11	46580	46801	46365	46653	46770	46371	46507	46685	46559	46102	46777	46828	101.298	
	12	46974	46482	46175	46708	46888	45971	46366	47111	46436	46666	46107	46201	101.133	
	13	46394	47010	46307	46146	46687	46757	46252	46806	47003	46566	46982	46337	101.343	
	14	46257	46354	46593	46804	46272	46674	46369	46698	46712	46264	46814	46758	101.221	
	15	46742	46574	46230	46630	46712	46888	47107	46987	46384	46324	46895	46353	101.448	
	16	46765	46990	46931	46032	46803	46451	46429	46075	46792	46422	45925	46364	101.114	
	17	46755	46494	46455	46464	46700	46229	46537	46390	46475	46733	46376	46890	101.208	
	18	46879	45712	46450	47013	46685	46579	46410	46554	46014	46702	46636	46457	101.134	
	19	46399	45971	46434	46030	46695	46129	46019	46200	46214	46301	46164	46450	100.575	
	20	46573	46707	46365	46359	46401	46488	46348	46009	46674	46674	46087	45968	100.874	
	21	46858	47459	46784	46333	46176	46617	46862	46559	46772	46706	46438	46236	101.444	
	22	46069	45893	46472	46459	46336	45866	46597	46662	46303	46117	46354	47353	100.842	
	23	47115	46008	46392	46808	46281	46242	47183	46173	46586	46207	46538	45997	101.032	

		S.V.I.R.CO. Observatory - Pressure Corrected Data -July 2010											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
31	0	46340	46543	46513	46631	46025	46674	47141	46679	46181	46201	46230	46425	101.031	
	1	46661	46918	47020	46777	45743	45991	46502	47212	46724	46563	46764	46793	101.420	
	2	45915	46887	46384	46299	46117	46004	46709	46326	46856	46300	46871	46379	100.945	
	3	47128	46319	46952	46394	46541	45805	46266	46724	46330	46039	46729	46336	101.039	
	4	46560	45667	46625	45762	46510	46536	46424	47042	47098	46058	47603	46837	101.248	
	5	47018	46802	46343	46902	46890	45966	46663	46919	47042	46861	46799	46553	101.618	
	6	46668	46699	46426	46767	46497	46119	46239	46401	46474	46498	46361	46415	101.039	
	7	46487	46779	46168	46608	47139	46273	46394	46592	46402	46663	47033	46104	101.234	
	8	45850	46889	46736	46622	46997	46739	45929	46486	47311	47061	45945	46361	101.285	
	9	46475	46738	46108	46462	46589	46772	46642	46529	45973	47330	46922	46022	101.220	
	10	46737	46053	46083	46489	46431	46533	46889	46172	45928	46292	46404	47117	100.960	
	11	46115	46784	46735	46852	46822	46178	46836	45888	46139	46485	45994	46013	100.908	
	12	46913	46627	46432	46397	46665	46535	46105	47245	46669	46352	46048	46091	101.132	
	13	46147	46915	46500	47287	45674	46670	46257	46149	45746	45615	46609	46948	100.849	
	14	46710	45939	46299	45896	46229	46005	46065	46750	46355	46268	46371	46987	100.732	
	15	46452	46266	46764	46214	46780	47067	46122	46552	46261	46582	46686	46678	101.194	
	16	46892	46702	46314	46499	46128	46950	46089	46094	46524	47164	46235	46434	101.122	
	17	46492	46476	46190	45606	45884	46785	46275	46935	46691	46229	46378	47215	100.964	
	18	46666	46559	46395	45819	46294	46290	46521	46625	46393	46288	46597	46223	100.876	
	19	46018	46668	46590	45821	46584	45911	46527	46920	46363	46637	45844	46296	100.788	
	20	46542	46557	46955	46251	46603	45944	46089	45920	46856	46704	46653	46804	101.095	
	21	46389	46155	46332	46697	46533	46368	46602	46467	46554	46134	46383	46180	100.899	
	22	46196	46688	47017	46530	46508	46679	46365	46474	46688	46369	46734	46297	101.216	
	23	46351	46197	45674	46318	46110	46264	46110	46044	46847	46957	45970	46408	100.619	

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
1	0	1013.84	1013.82	1013.78	1013.75	1013.71	1013.69	1013.68	1013.67	1013.69	1013.68	1013.62	1013.60	1013.70
	1	1013.59	1013.50	1013.40	1013.36	1013.37	1013.38	1013.36	1013.38	1013.40	1013.36	1013.29	1013.31	1013.39
	2	1013.34	1013.32	1013.30	1013.33	1013.35	1013.33	1013.34	1013.38	1013.41	1013.40	1013.40	1013.42	1013.36
	3	1013.43	1013.46	1013.52	1013.61	1013.69	1013.75	1013.78	1013.77	1013.78	1013.80	1013.83	1013.83	1013.68
	4	1013.81	1013.83	1013.84	1013.81	1013.81	1013.81	1013.78	1013.76	1013.77	1013.81	1013.85	1013.87	1013.81
	5	1013.90	1013.90	1013.89	1013.93	1013.98	1014.00	1014.01	1013.99	1013.97	1013.99	1014.01	1014.01	1013.96
	6	1014.01	1014.03	1014.01	1013.98	1013.94	1013.91	1013.93	1013.94	1013.94	1013.97	1014.00	1014.01	1013.97
	7	1014.00	1013.99	1013.97	1013.96	1013.92	1013.88	1013.86	1013.84	1013.81	1013.81	1013.83	1013.86	1013.89
	8	1013.87	1013.83	1013.80	1013.79	1013.81	1013.84	1013.86	1013.87	1013.87	1013.87	1013.81	1013.77	1013.83
	9	1013.77	1013.76	1013.75	1013.74	1013.73	1013.75	1013.77	1013.77	1013.77	1013.76	1013.76	1013.74	1013.75
	10	1013.73	1013.73	1013.71	1013.68	1013.68	1013.67	1013.61	1013.57	1013.56	1013.54	1013.49	1013.44	1013.61
	11	1013.38	1013.34	1013.32	1013.28	1013.24	1013.22	1013.16	1013.15	1013.16	1013.12	1013.08	1013.05	1013.21
	12	1013.04	1013.02	1013.02	1013.02	1013.00	1013.08	1013.18	1013.19	1013.14	1013.08	1013.05	1013.07	1013.07
	13	1013.07	1012.98	1012.94	1012.97	1012.94	1012.86	1012.83	1012.84	1012.87	1012.89	1012.88	1012.89	1012.91
	14	1012.93	1012.92	1012.92	1012.89	1012.82	1012.75	1012.65	1012.54	1012.48	1012.52	1012.55	1012.54	1012.71
	15	1012.57	1012.57	1012.55	1012.56	1012.53	1012.48	1012.45	1012.41	1012.39	1012.38	1012.39	1012.42	1012.47
	16	1012.51	1012.62	1012.67	1012.66	1012.66	1012.73	1012.83	1012.94	1013.03	1013.10	1013.11	1013.08	1012.83
	17	1013.07	1013.09	1013.08	1013.06	1013.12	1013.19	1013.25	1013.31	1013.25	1013.21	1013.24	1013.23	1013.17
	18	1013.18	1013.15	1013.14	1013.14	1013.19	1013.22	1013.16	1013.12	1013.16	1013.16	1013.09	1013.04	1013.14
	19	1013.02	1013.01	1013.03	1013.07	1013.16	1013.27	1013.36	1013.40	1013.43	1013.46	1013.48	1013.52	1013.27
	20	1013.57	1013.61	1013.62	1013.62	1013.65	1013.67	1013.66	1013.65	1013.66	1013.67	1013.66	1013.64	1013.64
	21	1013.63	1013.67	1013.73	1013.77	1013.78	1013.79	1013.82	1013.86	1013.89	1013.87	1013.85	1013.85	1013.79
	22	1013.86	1013.91	1013.92	1013.87	1013.85	1013.86	1013.85	1013.83	1013.80	1013.74	1013.70	1013.73	1013.83
	23	1013.79	1013.81	1013.83	1013.86	1013.88	1013.85	1013.82	1013.80	1013.79	1013.80	1013.84	1013.85	1013.82
2	0	1013.83	1013.85	1013.84	1013.85	1013.89	1013.89	1013.89	1013.88	1013.84	1013.81	1013.79	1013.79	1013.84
	1	1013.85	1013.91	1013.93	1013.93	1013.94	1013.96	1013.95	1013.97	1014.02	1014.04	1014.03	1014.01	1013.96
	2	1013.97	1013.96	1013.99	1013.99	1013.95	1013.91	1013.86	1013.82	1013.80	1013.78	1013.81	1013.85	1013.89
	3	1013.85	1013.84	1013.85	1013.90	1013.97	1014.01	1014.02	1014.06	1014.11	1014.16	1014.21	1014.24	1014.02
	4	1014.25	1014.26	1014.25	1014.23	1014.23	1014.24	1014.26	1014.28	1014.31	1014.34	1014.37	1014.39	1014.28
	5	1014.44	1014.49	1014.51	1014.50	1014.50	1014.55	1014.61	1014.65	1014.68	1014.69	1014.68	1014.69	1014.58
	6	1014.74	1014.79	1014.77	1014.75	1014.77	1014.81	1014.81	1014.79	1014.78	1014.79	1014.78	1014.77	1014.78
	7	1014.75	1014.72	1014.70	1014.69	1014.66	1014.59	1014.52	1014.49	1014.46	1014.45	1014.46	1014.46	1014.58
	8	1014.44	1014.41	1014.39	1014.36	1014.32	1014.30	1014.30	1014.30	1014.28	1014.26	1014.25	1014.25	1014.32
	9	1014.27	1014.27	1014.26	1014.25	1014.23	1014.21	1014.21	1014.20	1014.16	1014.11	1014.07	1014.05	1014.19
	10	1014.02	1013.97	1013.91	1013.85	1013.81	1013.80	1013.79	1013.76	1013.72	1013.67	1013.62	1013.58	1013.79
	11	1013.55	1013.52	1013.48	1013.45	1013.44	1013.43	1013.42	1013.42	1013.44	1013.44	1013.42	1013.36	1013.45
	12	1013.31	1013.31	1013.32	1013.29	1013.25	1013.26	1013.30	1013.31	1013.30	1013.33	1013.36	1013.33	1013.30
	13	1013.31	1013.33	1013.32	1013.30	1013.29	1013.27	1013.21	1013.17	1013.12	1013.08	1013.08	1013.05	1013.21
	14	1013.02	1013.02	1013.04	1013.05	1012.99	1012.94	1012.92	1012.93	1012.94	1012.91	1012.85	1012.81	1012.95
	15	1012.82	1012.85	1012.91	1012.87	1012.73	1012.71	1012.82	1012.86	1012.84	1012.76	1012.68	1012.68	1012.79
	16	1012.74	1012.85	1012.93	1012.91	1012.88	1012.92	1013.00	1013.03	1012.96	1012.98	1013.09	1013.08	1012.95
	17	1013.01	1012.96	1013.00	1013.12	1013.19	1013.19	1013.21	1013.26	1013.28	1013.22	1013.16	1013.21	1013.15
	18	1013.29	1013.33	1013.29	1013.23	1013.24	1013.32	1013.36	1013.31	1013.23	1013.17	1013.18	1013.17	1013.26
	19	1013.17	1013.22	1013.25	1013.30	1013.35	1013.37	1013.39	1013.43	1013.48	1013.55	1013.62	1013.68	1013.40
	20	1013.72	1013.74	1013.76	1013.78	1013.83	1013.92	1014.03	1014.10	1014.13	1014.12	1014.13	1014.18	1013.95
	21	1014.24	1014.26	1014.24	1014.21	1014.21	1014.22	1014.22	1014.25	1014.26	1014.24	1014.21	1014.21	1014.23
	22	1014.19	1014.13	1014.05	1013.97	1013.91	1013.90	1013.91	1013.91	1013.90	1013.91	1013.95	1013.99	1013.97
	23	1013.99	1014.00	1014.02	1014.02	1014.04	1014.08	1014.08	1014.05	1014.06	1014.09	1014.09	1014.04	1014.05

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
3	0	1013.91	1013.90	1013.93	1013.96	1013.95	1013.95	1013.97	1013.97	1013.96	1013.92	1013.89	1013.88	1013.93
	1	1013.89	1013.91	1013.93	1013.93	1013.93	1013.92	1013.84	1013.79	1013.79	1013.76	1013.76	1013.82	1013.85
	2	1013.88	1013.85	1013.78	1013.75	1013.76	1013.74	1013.75	1013.81	1013.87	1013.91	1013.90	1013.86	1013.82
	3	1013.88	1013.94	1013.97	1013.97	1013.94	1013.91	1013.88	1013.89	1013.94	1013.96	1013.97	1013.96	1013.93
	4	1013.98	1014.01	1014.03	1014.03	1014.00	1013.99	1014.01	1014.01	1014.03	1014.03	1014.01	1014.01	1014.01
	5	1014.06	1014.11	1014.11	1014.09	1014.07	1014.09	1014.14	1014.15	1014.16	1014.22	1014.29	1014.31	1014.15
	6	1014.30	1014.33	1014.35	1014.33	1014.33	1014.35	1014.35	1014.35	1014.34	1014.32	1014.31	1014.32	1014.33
	7	1014.33	1014.33	1014.35	1014.36	1014.39	1014.39	1014.35	1014.30	1014.28	1014.27	1014.27	1014.27	1014.32
	8	1014.26	1014.27	1014.29	1014.30	1014.32	1014.32	1014.31	1014.30	1014.28	1014.26	1014.26	1014.23	1014.28
	9	1014.20	1014.18	1014.16	1014.16	1014.14	1014.08	1014.03	1014.00	1013.99	1013.98	1013.97	1013.98	1014.07
	10	1013.99	1013.99	1014.00	1014.02	1014.02	1014.00	1013.98	1013.96	1013.94	1013.93	1013.92	1013.89	1013.97
	11	1013.82	1013.76	1013.74	1013.75	1013.72	1013.68	1013.66	1013.66	1013.66	1013.65	1013.65	1013.66	1013.70
	12	1013.69	1013.70	1013.69	1013.69	1013.65	1013.60	1013.60	1013.60	1013.59	1013.56	1013.53	1013.52	1013.62
	13	1013.53	1013.53	1013.49	1013.45	1013.41	1013.41	1013.40	1013.40	1013.39	1013.39	1013.42	1013.46	1013.44
	14	1013.48	1013.50	1013.47	1013.45	1013.48	1013.44	1013.35	1013.23	1013.14	1013.12	1013.13	1013.16	1013.33
	15	1013.21	1013.28	1013.41	1013.58	1013.71	1013.77	1013.77	1013.71	1013.74	1013.94	1014.20	1014.37	1013.72
	16	1014.36	1014.27	1014.24	1014.26	1014.22	1014.13	1013.98	1013.88	1013.88	1013.98	1014.11	1014.06	1014.11
	17	1013.94	1013.84	1013.73	1013.66	1013.57	1013.50	1013.47	1013.44	1013.41	1013.43	1013.53	1013.64	1013.59
	18	1013.72	1013.76	1013.78	1013.83	1013.84	1013.84	1013.90	1013.95	1013.99	1014.05	1014.11	1014.17	1013.91
	19	1014.21	1014.22	1014.23	1014.27	1014.36	1014.45	1014.50	1014.51	1014.53	1014.56	1014.59	1014.61	1014.42
	20	1014.62	1014.63	1014.65	1014.72	1014.80	1014.84	1014.87	1014.85	1014.77	1014.74	1014.71	1014.68	1014.74
	21	1014.69	1014.69	1014.67	1014.62	1014.61	1014.66	1014.70	1014.72	1014.72	1014.71	1014.69	1014.69	1014.68
	22	1014.67	1014.67	1014.68	1014.65	1014.62	1014.61	1014.65	1014.68	1014.68	1014.64	1014.58	1014.53	1014.64
	23	1014.57	1014.61	1014.54	1014.51	1014.52	1014.54	1014.57	1014.61	1014.61	1014.58	1014.57	1014.59	1014.56
4	0	1014.50	1014.45	1014.37	1014.33	1014.30	1014.29	1014.29	1014.33	1014.36	1014.33	1014.33	1014.34	1014.34
	1	1014.35	1014.32	1014.22	1014.13	1014.12	1014.13	1014.09	1014.03	1013.99	1013.98	1014.00	1014.01	1014.11
	2	1014.01	1014.04	1014.07	1014.08	1014.10	1014.15	1014.23	1014.29	1014.34	1014.44	1014.55	1014.58	1014.24
	3	1014.58	1014.58	1014.57	1014.57	1014.51	1014.44	1014.44	1014.47	1014.46	1014.43	1014.44	1014.50	1014.50
	4	1014.58	1014.63	1014.63	1014.61	1014.61	1014.65	1014.72	1014.76	1014.77	1014.77	1014.78	1014.80	1014.69
	5	1014.81	1014.83	1014.86	1014.89	1014.91	1014.89	1014.88	1014.93	1014.99	1014.99	1014.97	1014.97	1014.91
	6	1014.98	1015.00	1014.99	1014.99	1015.04	1015.15	1015.24	1015.27	1015.30	1015.31	1015.31	1015.33	1015.16
	7	1015.36	1015.40	1015.44	1015.46	1015.46	1015.44	1015.43	1015.42	1015.38	1015.34	1015.33	1015.32	1015.39
	8	1015.29	1015.26	1015.28	1015.32	1015.32	1015.28	1015.25	1015.21	1015.19	1015.21	1015.26	1015.28	1015.26
	9	1015.23	1015.18	1015.18	1015.18	1015.18	1015.15	1015.13	1015.13	1015.14	1015.16	1015.17	1015.15	1015.16
	10	1015.13	1015.12	1015.09	1015.04	1014.99	1014.96	1014.92	1014.89	1014.86	1014.82	1014.77	1014.76	1014.94
	11	1014.73	1014.70	1014.70	1014.69	1014.71	1014.72	1014.66	1014.62	1014.58	1014.51	1014.46	1014.42	1014.62
	12	1014.35	1014.26	1014.21	1014.17	1014.17	1014.14	1014.09	1014.11	1014.14	1014.19	1014.19	1014.16	1014.18
	13	1014.16	1014.16	1014.15	1014.15	1014.12	1014.05	1013.98	1013.94	1013.90	1013.86	1013.80	1013.75	1014.00
	14	1013.75	1013.71	1013.65	1013.64	1013.66	1013.69	1013.74	1013.80	1013.86	1013.87	1013.87	1013.87	1013.76
	15	1013.79	1013.72	1013.79	1013.88	1013.90	1013.82	1013.72	1013.67	1013.68	1013.68	1013.70	1013.75	1013.76
	16	1013.82	1013.85	1013.84	1013.85	1013.87	1013.91	1014.00	1014.16	1014.29	1014.38	1014.45	1014.44	1014.07
	17	1014.35	1014.31	1014.32	1014.27	1014.25	1014.19	1014.07	1014.04	1014.05	1013.98	1013.88	1013.78	1014.12
	18	1013.66	1013.64	1013.68	1013.68	1013.63	1013.60	1013.62	1013.62	1013.61	1013.65	1013.71	1013.76	1013.65
	19	1013.77	1013.77	1013.85	1013.97	1014.07	1014.14	1014.26	1014.43	1014.52	1014.60	1014.68	1014.68	1014.23
	20	1014.73	1014.87	1014.92	1014.97	1015.04	1015.04	1015.06	1015.11	1015.13	1015.12	1015.14	1015.15	1015.02
	21	1015.16	1015.21	1015.27	1015.31	1015.35	1015.37	1015.36	1015.35	1015.33	1015.34	1015.37	1015.36	1015.31
	22	1015.31	1015.28	1015.28	1015.28	1015.23	1015.23	1015.20	1015.11	1015.04	1015.01	1015.01	1015.03	1015.16
	23	1015.07	1015.07	1015.05	1015.06	1015.00	1014.94	1014.89	1014.87	1014.89	1014.91	1014.89	1014.85	1014.96

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
5	0	1014.80	1014.81	1014.82	1014.79	1014.71	1014.66	1014.61	1014.55	1014.46	1014.36	1014.31	1014.30	1014.59
	1	1014.28	1014.23	1014.25	1014.29	1014.32	1014.33	1014.38	1014.46	1014.46	1014.42	1014.39	1014.36	1014.35
	2	1014.37	1014.35	1014.27	1014.27	1014.30	1014.30	1014.27	1014.26	1014.29	1014.32	1014.35	1014.35	1014.31
	3	1014.34	1014.33	1014.27	1014.25	1014.27	1014.33	1014.38	1014.41	1014.43	1014.44	1014.48	1014.53	1014.37
	4	1014.60	1014.67	1014.64	1014.60	1014.63	1014.62	1014.61	1014.62	1014.60	1014.62	1014.69	1014.75	1014.64
	5	1014.78	1014.76	1014.78	1014.83	1014.83	1014.87	1014.93	1014.94	1014.91	1014.91	1014.97	1015.02	1014.87
	6	1015.01	1015.02	1015.07	1015.11	1015.10	1015.09	1015.08	1015.02	1014.97	1014.95	1014.89	1014.82	1015.01
	7	1014.79	1014.77	1014.76	1014.80	1014.83	1014.80	1014.74	1014.67	1014.63	1014.68	1014.70	1014.64	1014.73
	8	1014.55	1014.50	1014.48	1014.46	1014.46	1014.44	1014.45	1014.46	1014.45	1014.44	1014.40	1014.37	1014.45
	9	1014.37	1014.34	1014.35	1014.35	1014.33	1014.30	1014.27	1014.25	1014.27	1014.29	1014.28	1014.30	1014.31
	10	1014.35	1014.38	1014.38	1014.36	1014.37	1014.36	1014.36	1014.38	1014.36	1014.30	1014.30	1014.30	1014.35
	11	1014.32	1014.36	1014.33	1014.29	1014.25	1014.21	1014.15	1014.07	1014.03	1014.01	1014.00	1013.98	1014.16
	12	1013.95	1013.95	1013.93	1013.88	1013.82	1013.79	1013.77	1013.74	1013.79	1013.84	1013.86	1013.86	1013.85
	13	1013.81	1013.79	1013.76	1013.72	1013.67	1013.66	1013.70	1013.72	1013.72	1013.73	1013.69	1013.60	1013.71
	14	1013.56	1013.50	1013.45	1013.46	1013.45	1013.38	1013.30	1013.22	1013.14	1013.07	1013.04	1012.97	1013.29
	15	1012.90	1012.87	1012.82	1012.75	1012.70	1012.66	1012.64	1012.65	1012.66	1012.60	1012.54	1012.53	1012.69
	16	1012.53	1012.50	1012.47	1012.47	1012.50	1012.58	1012.67	1012.74	1012.82	1012.86	1012.88	1012.91	1012.66
	17	1012.96	1013.01	1013.08	1013.17	1013.24	1013.27	1013.28	1013.28	1013.29	1013.29	1013.29	1013.31	1013.20
	18	1013.38	1013.48	1013.54	1013.58	1013.61	1013.63	1013.64	1013.65	1013.65	1013.63	1013.63	1013.62	1013.58
	19	1013.60	1013.60	1013.64	1013.67	1013.72	1013.74	1013.74	1013.70	1013.65	1013.67	1013.72	1013.77	1013.68
	20	1013.82	1013.85	1013.82	1013.81	1013.84	1013.87	1013.91	1013.95	1013.98	1013.99	1014.01	1014.07	1013.91
	21	1014.10	1014.08	1014.05	1014.05	1014.10	1014.13	1014.11	1014.08	1014.08	1014.08	1014.03	1014.00	1014.07
	22	1013.95	1013.90	1013.92	1013.95	1013.99	1014.02	1014.00	1013.94	1013.88	1013.83	1013.80	1013.79	1013.91
	23	1013.75	1013.71	1013.70	1013.70	1013.70	1013.64	1013.57	1013.56	1013.56	1013.54	1013.51	1013.48	1013.62
6	0	1013.41	1013.40	1013.40	1013.38	1013.35	1013.32	1013.29	1013.23	1013.17	1013.11	1013.08	1013.09	1013.26
	1	1013.06	1013.03	1013.01	1012.97	1012.93	1012.91	1012.91	1012.92	1012.91	1012.89	1012.89	1012.90	1012.94
	2	1012.93	1013.01	1013.04	1013.02	1012.99	1012.97	1012.97	1012.94	1012.95	1012.99	1012.96	1012.86	1012.97
	3	1012.83	1012.86	1012.79	1012.74	1012.74	1012.73	1012.75	1012.80	1012.84	1012.84	1012.85	1012.87	1012.80
	4	1012.87	1012.88	1012.95	1013.05	1013.09	1013.06	1013.04	1013.06	1013.09	1013.08	1013.09	1013.14	1013.03
	5	1013.18	1013.21	1013.24	1013.23	1013.18	1013.21	1013.33	1013.38	1013.39	1013.42	1013.44	1013.45	1013.30
	6	1013.46	1013.50	1013.55	1013.60	1013.65	1013.62	1013.48	1013.33	1013.28	1013.31	1013.35	1013.42	1013.46
	7	1013.44	1013.42	1013.42	1013.44	1013.46	1013.44	1013.43	1013.44	1013.45	1013.44	1013.44	1013.41	1013.43
	8	1013.37	1013.39	1013.42	1013.44	1013.50	1013.58	1013.61	1013.59	1013.59	1013.61	1013.56	1013.46	1013.51
	9	1013.42	1013.45	1013.46	1013.45	1013.46	1013.45	1013.38	1013.29	1013.20	1013.11	1013.12	1013.19	1013.33
	10	1013.17	1013.09	1013.02	1012.95	1012.90	1012.88	1012.90	1012.89	1012.86	1012.82	1012.73	1012.64	1012.90
	11	1012.60	1012.62	1012.60	1012.57	1012.58	1012.56	1012.55	1012.53	1012.51	1012.46	1012.37	1012.31	1012.52
	12	1012.27	1012.23	1012.21	1012.20	1012.22	1012.25	1012.25	1012.28	1012.31	1012.28	1012.27	1012.24	1012.25
	13	1012.20	1012.22	1012.31	1012.40	1012.44	1012.44	1012.35	1012.24	1012.21	1012.30	1012.24	1012.03	1012.28
	14	1012.08	1012.34	1012.48	1012.56	1012.68	1012.68	1012.70	1012.74	1012.76	1012.71	1012.54	1012.34	1012.55
	15	1012.06	1011.83	1011.75	1011.73	1011.69	1011.62	1011.58	1011.47	1011.29	1011.25	1011.33	1011.46	1011.59
	16	1011.69	1012.06	1012.35	1012.45	1012.53	1012.69	1012.74	1012.75	1012.82	1012.86	1012.91	1013.00	1012.57
	17	1013.07	1013.02	1012.91	1012.92	1012.99	1012.99	1012.77	1012.56	1012.54	1012.55	1012.59	1012.64	1012.79
	18	1012.64	1012.64	1012.72	1012.76	1012.69	1012.69	1012.77	1012.76	1012.72	1012.80	1012.88	1012.89	1012.74
	19	1012.97	1013.05	1013.06	1013.11	1013.32	1013.57	1013.58	1013.59	1013.85	1013.98	1013.94	1013.92	1013.49
	20	1013.88	1013.86	1013.89	1013.99	1014.05	1014.03	1013.98	1013.97	1013.97	1013.95	1013.96	1013.84	1013.95
	21	1013.71	1013.75	1013.82	1013.81	1013.76	1013.76	1013.77	1013.71	1013.67	1013.63	1013.56	1013.47	1013.70
	22	1013.38	1013.29	1013.30	1013.36	1013.39	1013.38	1013.45	1013.57	1013.60	1013.61	1013.64	1013.68	1013.47
	23	1013.78	1013.82	1013.77	1013.72	1013.76	1013.86	1013.89	1013.88	1013.86	1013.81	1013.84	1013.89	1013.82

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
7	0	1013.86	1013.88	1013.87	1013.82	1013.79	1013.79	1013.82	1013.85	1013.83	1013.79	1013.78	1013.78	1013.82
	1	1013.78	1013.74	1013.68	1013.62	1013.59	1013.60	1013.61	1013.63	1013.62	1013.59	1013.59	1013.59	1013.63
	2	1013.58	1013.56	1013.57	1013.57	1013.57	1013.62	1013.72	1013.83	1013.86	1013.84	1013.79	1013.71	1013.68
	3	1013.67	1013.70	1013.71	1013.72	1013.76	1013.78	1013.78	1013.79	1013.79	1013.80	1013.79	1013.81	1013.76
	4	1013.83	1013.85	1013.84	1013.80	1013.83	1013.87	1013.85	1013.81	1013.82	1013.84	1013.84	1013.87	1013.84
	5	1013.90	1013.94	1013.96	1013.96	1013.97	1013.98	1014.06	1014.14	1014.20	1014.23	1014.24	1014.29	1014.07
	6	1014.39	1014.47	1014.49	1014.51	1014.56	1014.60	1014.64	1014.70	1014.75	1014.77	1014.76	1014.76	1014.61
	7	1014.76	1014.75	1014.75	1014.74	1014.71	1014.65	1014.62	1014.63	1014.66	1014.69	1014.69	1014.67	1014.69
	8	1014.68	1014.68	1014.68	1014.67	1014.66	1014.66	1014.66	1014.66	1014.72	1014.76	1014.75	1014.75	1014.69
	9	1014.77	1014.76	1014.78	1014.82	1014.82	1014.81	1014.82	1014.86	1014.86	1014.83	1014.83	1014.86	1014.82
	10	1014.89	1014.87	1014.85	1014.85	1014.83	1014.78	1014.76	1014.77	1014.77	1014.75	1014.72	1014.67	1014.79
	11	1014.64	1014.61	1014.57	1014.53	1014.48	1014.45	1014.39	1014.37	1014.40	1014.37	1014.35	1014.29	1014.45
	12	1014.29	1014.28	1014.12	1014.12	1014.23	1014.24	1014.24	1014.22	1014.14	1014.12	1014.10	1014.03	1014.17
	13	1013.97	1014.03	1014.22	1014.30	1014.24	1014.28	1014.30	1014.32	1014.53	1014.63	1014.60	1014.57	1014.33
	14	1014.56	1014.53	1014.43	1014.38	1014.34	1014.25	1014.18	1014.11	1014.02	1013.93	1013.85	1013.80	1014.20
	15	1013.82	1013.85	1013.87	1013.91	1013.91	1013.88	1013.87	1013.88	1013.92	1013.95	1013.95	1013.98	1013.90
	16	1014.02	1014.04	1014.05	1014.05	1014.02	1014.04	1014.06	1014.04	1013.99	1013.97	1014.00	1014.03	1014.02
	17	1014.06	1014.04	1014.02	1014.02	1014.04	1014.06	1014.05	1014.06	1014.11	1014.13	1014.14	1014.17	1014.07
	18	1014.22	1014.29	1014.31	1014.32	1014.34	1014.38	1014.45	1014.49	1014.56	1014.65	1014.70	1014.75	1014.45
	19	1014.82	1014.93	1015.04	1015.10	1015.14	1015.25	1015.36	1015.45	1015.50	1015.53	1015.56	1015.59	1015.27
	20	1015.65	1015.70	1015.69	1015.69	1015.72	1015.76	1015.81	1015.88	1015.95	1015.98	1016.00	1016.05	1015.82
	21	1016.10	1016.12	1016.13	1016.16	1016.21	1016.23	1016.25	1016.26	1016.29	1016.30	1016.31	1016.33	1016.22
	22	1016.34	1016.35	1016.35	1016.33	1016.32	1016.32	1016.31	1016.32	1016.34	1016.30	1016.24	1016.22	1016.31
	23	1016.21	1016.20	1016.19	1016.20	1016.22	1016.24	1016.30	1016.38	1016.43	1016.43	1016.45	1016.48	1016.31
8	0	1016.49	1016.50	1016.51	1016.52	1016.53	1016.55	1016.56	1016.54	1016.53	1016.53	1016.53	1016.52	1016.52
	1	1016.51	1016.54	1016.60	1016.63	1016.62	1016.61	1016.62	1016.64	1016.61	1016.58	1016.60	1016.65	1016.60
	2	1016.69	1016.68	1016.65	1016.64	1016.65	1016.65	1016.68	1016.70	1016.71	1016.68	1016.64	1016.68	1016.67
	3	1016.77	1016.82	1016.81	1016.84	1016.91	1016.96	1016.98	1017.01	1017.06	1017.09	1017.09	1017.09	1016.95
	4	1017.10	1017.15	1017.22	1017.23	1017.20	1017.21	1017.21	1017.20	1017.20	1017.21	1017.24	1017.24	1017.20
	5	1017.24	1017.28	1017.30	1017.33	1017.37	1017.38	1017.45	1017.53	1017.58	1017.64	1017.66	1017.65	1017.45
	6	1017.66	1017.66	1017.68	1017.71	1017.74	1017.75	1017.75	1017.76	1017.79	1017.84	1017.90	1017.95	1017.76
	7	1017.99	1018.02	1018.03	1018.03	1018.00	1017.98	1017.98	1018.00	1018.04	1018.07	1018.08	1018.08	1018.02
	8	1018.09	1018.10	1018.12	1018.16	1018.20	1018.19	1018.19	1018.22	1018.23	1018.26	1018.34	1018.39	1018.20
	9	1018.40	1018.41	1018.41	1018.38	1018.36	1018.34	1018.30	1018.32	1018.37	1018.39	1018.41	1018.42	1018.37
	10	1018.47	1018.54	1018.53	1018.49	1018.51	1018.53	1018.53	1018.51	1018.53	1018.50	1018.48	1018.54	1018.51
	11	1018.59	1018.56	1018.54	1018.56	1018.57	1018.55	1018.53	1018.58	1018.60	1018.61	1018.62	1018.60	1018.57
	12	1018.54	1018.47	1018.45	1018.44	1018.41	1018.38	1018.36	1018.31	1018.29	1018.28	1018.23	1018.20	1018.36
	13	1018.17	1018.18	1018.19	1018.16	1018.13	1018.11	1018.06	1018.04	1018.05	1018.11	1018.16	1018.13	1018.12
	14	1018.08	1018.08	1018.06	1018.02	1017.99	1017.95	1017.90	1017.83	1017.78	1017.79	1017.78	1017.74	1017.91
	15	1017.74	1017.74	1017.70	1017.64	1017.63	1017.64	1017.60	1017.55	1017.49	1017.45	1017.42	1017.41	1017.58
	16	1017.41	1017.41	1017.41	1017.39	1017.36	1017.33	1017.31	1017.29	1017.30	1017.32	1017.33	1017.34	1017.35
	17	1017.34	1017.34	1017.33	1017.31	1017.29	1017.27	1017.25	1017.27	1017.29	1017.29	1017.27	1017.26	1017.29
	18	1017.29	1017.32	1017.29	1017.26	1017.30	1017.35	1017.37	1017.39	1017.42	1017.46	1017.49	1017.51	1017.37
	19	1017.56	1017.62	1017.69	1017.77	1017.82	1017.84	1017.88	1017.92	1017.95	1017.98	1018.00	1018.00	1017.83
	20	1018.02	1018.05	1018.04	1018.02	1018.00	1017.96	1017.93	1017.95	1018.00	1018.02	1018.03	1018.08	1018.01
	21	1018.12	1018.14	1018.13	1018.10	1018.12	1018.15	1018.16	1018.15	1018.14	1018.15	1018.15	1018.15	1018.14
	22	1018.16	1018.17	1018.16	1018.14	1018.13	1018.15	1018.16	1018.11	1018.05	1018.02	1017.99	1018.00	1018.10
	23	1018.02	1018.03	1018.06	1018.08	1018.10	1018.14	1018.13	1018.07	1018.04	1018.04	1018.04	1018.04	1018.06

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	1018.02	1018.04	1018.02	1017.97	1017.94	1017.92	1017.91	1017.90	1017.85	1017.80	1017.79	1017.78	1017.90
	1	1017.76	1017.76	1017.75	1017.73	1017.69	1017.65	1017.62	1017.58	1017.57	1017.58	1017.62	1017.65	1017.66
	2	1017.66	1017.65	1017.64	1017.66	1017.67	1017.68	1017.69	1017.69	1017.68	1017.67	1017.66	1017.62	1017.66
	3	1017.58	1017.54	1017.52	1017.54	1017.56	1017.56	1017.60	1017.68	1017.68	1017.63	1017.62	1017.63	1017.59
	4	1017.66	1017.66	1017.63	1017.62	1017.63	1017.64	1017.63	1017.62	1017.64	1017.68	1017.71	1017.76	1017.65
	5	1017.83	1017.86	1017.86	1017.88	1017.86	1017.84	1017.87	1017.90	1017.91	1017.92	1017.90	1017.89	1017.87
	6	1017.91	1017.90	1017.91	1017.93	1017.91	1017.88	1017.87	1017.86	1017.89	1017.93	1017.92	1017.93	1017.90
	7	1017.95	1017.94	1017.95	1017.96	1017.93	1017.90	1017.91	1017.92	1017.96	1017.97	1017.91	1017.88	1017.93
	8	1017.87	1017.86	1017.87	1017.90	1017.93	1017.97	1017.97	1017.95	1017.92	1017.92	1017.93	1017.92	1017.91
	9	1017.88	1017.82	1017.79	1017.77	1017.74	1017.73	1017.74	1017.70	1017.67	1017.67	1017.67	1017.67	1017.74
	10	1017.67	1017.68	1017.68	1017.67	1017.64	1017.63	1017.61	1017.58	1017.55	1017.55	1017.54	1017.52	1017.61
	11	1017.48	1017.44	1017.40	1017.37	1017.35	1017.34	1017.38	1017.42	1017.42	1017.43	1017.44	1017.45	1017.41
	12	1017.46	1017.45	1017.44	1017.44	1017.43	1017.45	1017.47	1017.51	1017.50	1017.49	1017.52	1017.53	1017.47
	13	1017.53	1017.52	1017.52	1017.53	1017.53	1017.52	1017.51	1017.50	1017.50	1017.48	1017.45	1017.41	1017.50
	14	1017.35	1017.33	1017.33	1017.34	1017.32	1017.30	1017.29	1017.31	1017.30	1017.30	1017.29	1017.24	1017.31
	15	1017.23	1017.20	1017.17	1017.17	1017.18	1017.20	1017.20	1017.15	1017.13	1017.14	1017.15	1017.16	1017.17
	16	1017.17	1017.18	1017.18	1017.20	1017.22	1017.20	1017.18	1017.15	1017.14	1017.13	1017.14	1017.16	1017.17
	17	1017.18	1017.22	1017.23	1017.21	1017.23	1017.24	1017.21	1017.18	1017.21	1017.25	1017.26	1017.26	1017.22
	18	1017.25	1017.24	1017.24	1017.27	1017.33	1017.35	1017.35	1017.36	1017.41	1017.48	1017.52	1017.54	1017.36
	19	1017.55	1017.57	1017.61	1017.65	1017.69	1017.73	1017.80	1017.85	1017.88	1017.91	1017.93	1017.95	1017.76
	20	1017.94	1017.96	1018.00	1018.03	1018.06	1018.09	1018.08	1018.08	1018.07	1018.05	1018.04	1018.03	1018.03
	21	1018.00	1017.97	1017.95	1017.94	1017.96	1017.97	1017.98	1017.98	1017.96	1017.94	1017.98	1018.03	1017.97
	22	1018.03	1018.04	1018.07	1018.09	1018.08	1018.08	1018.07	1018.02	1017.98	1017.96	1017.95	1017.92	1018.02
	23	1017.86	1017.83	1017.83	1017.81	1017.81	1017.80	1017.76	1017.69	1017.66	1017.62	1017.57	1017.56	1017.73
10	0	1017.55	1017.56	1017.57	1017.55	1017.50	1017.44	1017.41	1017.37	1017.33	1017.31	1017.32	1017.32	1017.43
	1	1017.30	1017.31	1017.34	1017.35	1017.33	1017.31	1017.28	1017.25	1017.22	1017.21	1017.18	1017.15	1017.27
	2	1017.13	1017.10	1017.08	1017.08	1017.07	1017.08	1017.13	1017.14	1017.13	1017.13	1017.13	1017.12	1017.11
	3	1017.11	1017.12	1017.13	1017.12	1017.14	1017.18	1017.21	1017.24	1017.29	1017.32	1017.31	1017.30	1017.20
	4	1017.30	1017.32	1017.36	1017.41	1017.44	1017.48	1017.52	1017.55	1017.60	1017.57	1017.50	1017.53	1017.46
	5	1017.59	1017.61	1017.65	1017.68	1017.69	1017.71	1017.73	1017.72	1017.67	1017.66	1017.65	1017.61	1017.66
	6	1017.53	1017.47	1017.48	1017.51	1017.52	1017.54	1017.54	1017.54	1017.57	1017.60	1017.59	1017.59	1017.54
	7	1017.59	1017.58	1017.55	1017.53	1017.58	1017.59	1017.57	1017.56	1017.51	1017.44	1017.36	1017.30	1017.51
	8	1017.26	1017.22	1017.18	1017.17	1017.13	1017.07	1017.00	1016.96	1016.96	1016.99	1017.05	1017.11	1017.09
	9	1017.12	1017.10	1017.11	1017.13	1017.13	1017.10	1017.07	1017.04	1017.00	1016.96	1016.93	1016.91	1017.05
	10	1016.89	1016.88	1016.88	1016.86	1016.84	1016.82	1016.78	1016.73	1016.70	1016.70	1016.68	1016.63	1016.78
	11	1016.59	1016.55	1016.49	1016.41	1016.32	1016.27	1016.25	1016.19	1016.12	1016.06	1016.01	1016.01	1016.27
	12	1015.97	1015.94	1015.90	1015.85	1015.85	1015.86	1015.86	1015.87	1015.85	1015.81	1015.78	1015.77	1015.86
	13	1015.75	1015.74	1015.73	1015.73	1015.73	1015.73	1015.72	1015.71	1015.73	1015.75	1015.75	1015.72	1015.73
	14	1015.70	1015.72	1015.71	1015.68	1015.68	1015.70	1015.70	1015.67	1015.65	1015.63	1015.62	1015.60	1015.67
	15	1015.54	1015.51	1015.50	1015.48	1015.43	1015.39	1015.34	1015.27	1015.22	1015.19	1015.14	1015.10	1015.34
	16	1015.10	1015.12	1015.15	1015.17	1015.18	1015.16	1015.17	1015.20	1015.22	1015.21	1015.19	1015.19	1015.17
	17	1015.23	1015.25	1015.26	1015.27	1015.26	1015.24	1015.23	1015.25	1015.29	1015.32	1015.33	1015.35	1015.27
	18	1015.38	1015.40	1015.38	1015.35	1015.36	1015.39	1015.36	1015.34	1015.36	1015.37	1015.38	1015.40	1015.37
	19	1015.43	1015.47	1015.52	1015.55	1015.59	1015.65	1015.69	1015.72	1015.76	1015.79	1015.83	1015.89	1015.66
	20	1015.93	1015.96	1016.01	1016.07	1016.09	1016.09	1016.12	1016.15	1016.17	1016.21	1016.21	1016.16	1016.10
	21	1016.15	1016.16	1016.13	1016.11	1016.12	1016.13	1016.14	1016.13	1016.15	1016.22	1016.26	1016.24	1016.16
	22	1016.21	1016.20	1016.20	1016.21	1016.20	1016.18	1016.16	1016.15	1016.12	1016.11	1016.14	1016.12	1016.16
	23	1016.10	1016.09	1016.06	1016.02	1015.98	1015.96	1015.98	1016.02	1016.03	1016.04	1016.02	1015.99	1016.02

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1015.95	1015.95	1015.94	1015.88	1015.83	1015.79	1015.73	1015.65	1015.60	1015.58	1015.55	1015.50	1015.73
	1	1015.46	1015.44	1015.42	1015.44	1015.46	1015.43	1015.40	1015.39	1015.35	1015.31	1015.28	1015.25	1015.38
	2	1015.23	1015.21	1015.17	1015.16	1015.14	1015.11	1015.06	1015.03	1015.03	1015.05	1015.08	1015.11	1015.11
	3	1015.13	1015.15	1015.15	1015.17	1015.23	1015.26	1015.23	1015.19	1015.17	1015.16	1015.18	1015.22	1015.19
	4	1015.21	1015.18	1015.16	1015.15	1015.16	1015.17	1015.20	1015.26	1015.29	1015.30	1015.34	1015.39	1015.23
	5	1015.43	1015.48	1015.49	1015.49	1015.55	1015.57	1015.56	1015.61	1015.68	1015.70	1015.72	1015.78	1015.59
	6	1015.85	1015.89	1015.90	1015.93	1016.00	1016.05	1016.05	1016.04	1016.06	1016.11	1016.12	1016.11	1016.01
	7	1016.10	1016.08	1016.06	1016.05	1016.04	1016.05	1016.03	1015.97	1015.95	1015.93	1015.90	1015.86	1016.00
	8	1015.80	1015.75	1015.75	1015.75	1015.73	1015.69	1015.64	1015.61	1015.59	1015.60	1015.61	1015.59	1015.67
	9	1015.58	1015.58	1015.55	1015.52	1015.51	1015.51	1015.51	1015.48	1015.45	1015.43	1015.41	1015.38	1015.49
	10	1015.38	1015.41	1015.41	1015.40	1015.38	1015.36	1015.33	1015.28	1015.25	1015.24	1015.21	1015.21	1015.32
	11	1015.26	1015.26	1015.22	1015.21	1015.22	1015.23	1015.22	1015.23	1015.25	1015.24	1015.25	1015.24	1015.23
	12	1015.21	1015.18	1015.16	1015.09	1015.05	1015.08	1015.08	1015.07	1015.09	1015.05	1014.98	1014.97	1015.08
	13	1014.97	1014.97	1014.97	1014.97	1015.01	1015.00	1014.96	1014.93	1014.92	1014.89	1014.84	1014.80	1014.93
	14	1014.77	1014.73	1014.69	1014.67	1014.68	1014.68	1014.66	1014.64	1014.63	1014.61	1014.54	1014.51	1014.65
	15	1014.52	1014.55	1014.58	1014.55	1014.52	1014.50	1014.48	1014.46	1014.43	1014.42	1014.43	1014.44	1014.49
	16	1014.41	1014.39	1014.42	1014.50	1014.59	1014.62	1014.61	1014.64	1014.68	1014.72	1014.76	1014.76	1014.59
	17	1014.77	1014.79	1014.84	1014.88	1014.92	1014.94	1014.96	1014.99	1014.99	1014.98	1014.99	1015.00	1014.92
	18	1014.96	1014.90	1014.87	1014.87	1014.90	1014.91	1014.90	1014.94	1014.96	1014.93	1014.91	1014.99	1014.92
	19	1015.09	1015.15	1015.20	1015.20	1015.19	1015.22	1015.25	1015.27	1015.33	1015.40	1015.44	1015.48	1015.27
	20	1015.46	1015.44	1015.48	1015.54	1015.57	1015.58	1015.60	1015.65	1015.72	1015.76	1015.75	1015.70	1015.60
	21	1015.68	1015.67	1015.63	1015.61	1015.62	1015.65	1015.68	1015.65	1015.62	1015.65	1015.71	1015.73	1015.66
	22	1015.74	1015.76	1015.72	1015.64	1015.62	1015.64	1015.66	1015.71	1015.73	1015.73	1015.73	1015.71	1015.70
	23	1015.68	1015.73	1015.78	1015.74	1015.66	1015.65	1015.66	1015.67	1015.66	1015.61	1015.59	1015.55	1015.66
12	0	1015.51	1015.49	1015.48	1015.48	1015.47	1015.48	1015.46	1015.40	1015.34	1015.27	1015.18	1015.11	1015.38
	1	1015.09	1015.10	1015.12	1015.13	1015.12	1015.08	1015.02	1014.97	1014.92	1014.83	1014.77	1014.75	1014.99
	2	1014.70	1014.64	1014.64	1014.68	1014.71	1014.76	1014.73	1014.68	1014.65	1014.62	1014.59	1014.56	1014.66
	3	1014.54	1014.49	1014.45	1014.44	1014.46	1014.49	1014.51	1014.53	1014.56	1014.61	1014.65	1014.65	1014.53
	4	1014.64	1014.64	1014.65	1014.66	1014.68	1014.68	1014.69	1014.70	1014.70	1014.74	1014.77	1014.78	1014.69
	5	1014.78	1014.75	1014.77	1014.81	1014.81	1014.84	1014.87	1014.84	1014.84	1014.85	1014.84	1014.83	1014.82
	6	1014.82	1014.83	1014.87	1014.91	1014.94	1014.95	1014.93	1014.91	1014.89	1014.88	1014.88	1014.88	1014.89
	7	1014.87	1014.86	1014.83	1014.81	1014.79	1014.74	1014.67	1014.62	1014.59	1014.57	1014.57	1014.54	1014.70
	8	1014.50	1014.45	1014.44	1014.45	1014.46	1014.49	1014.50	1014.49	1014.52	1014.52	1014.49	1014.45	1014.48
	9	1014.43	1014.47	1014.51	1014.53	1014.57	1014.60	1014.64	1014.68	1014.67	1014.68	1014.72	1014.72	1014.60
	10	1014.72	1014.72	1014.77	1014.80	1014.79	1014.78	1014.80	1014.83	1014.86	1014.86	1014.85	1014.85	1014.80
	11	1014.84	1014.83	1014.79	1014.73	1014.68	1014.61	1014.52	1014.49	1014.51	1014.48	1014.39	1014.35	1014.60
	12	1014.34	1014.33	1014.34	1014.39	1014.43	1014.43	1014.41	1014.32	1014.22	1014.18	1014.12	1014.02	1014.29
	13	1013.96	1013.92	1013.88	1013.92	1014.00	1014.03	1014.04	1014.08	1014.08	1014.07	1014.04	1013.93	1013.99
	14	1013.79	1013.69	1013.65	1013.67	1013.71	1013.71	1013.67	1013.64	1013.60	1013.53	1013.47	1013.42	1013.63
	15	1013.38	1013.42	1013.46	1013.46	1013.43	1013.35	1013.34	1013.36	1013.34	1013.30	1013.29	1013.39	1013.37
	16	1013.50	1013.49	1013.49	1013.52	1013.49	1013.43	1013.33	1013.21	1013.10	1013.01	1012.91	1012.84	1013.28
	17	1012.86	1012.89	1012.85	1012.75	1012.66	1012.60	1012.61	1012.63	1012.63	1012.64	1012.66	1012.72	1012.71
	18	1012.76	1012.75	1012.76	1012.77	1012.76	1012.82	1012.92	1012.94	1012.95	1013.00	1013.09	1013.17	1012.89
	19	1013.20	1013.21	1013.25	1013.32	1013.39	1013.45	1013.50	1013.54	1013.59	1013.63	1013.65	1013.67	1013.45
	20	1013.71	1013.76	1013.78	1013.80	1013.83	1013.86	1013.91	1013.94	1013.94	1013.88	1013.83	1013.80	1013.83
	21	1013.82	1013.86	1013.87	1013.85	1013.86	1013.89	1013.88	1013.89	1013.91	1013.91	1013.92	1013.91	1013.88
	22	1013.88	1013.86	1013.89	1013.94	1013.97	1013.97	1013.94	1013.95	1013.98	1014.04	1014.07	1014.06	1013.96
	23	1014.05	1014.02	1013.98	1014.00	1014.00	1013.97	1013.96	1013.98	1014.02	1014.06	1014.10	1014.08	1014.02

S.V.I.R.CO. Observatory - Pressure in hectoPascal – July 2010

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
13	0	1014.01	1013.98	1013.90	1013.82	1013.77	1013.72	1013.64	1013.60	1013.58	1013.52	1013.49	1013.52	1013.70
	1	1013.51	1013.44	1013.40	1013.37	1013.27	1013.19	1013.14	1013.09	1013.03	1013.03	1013.08	1013.08	1013.22
	2	1013.06	1013.07	1013.08	1013.10	1013.08	1013.03	1012.99	1012.98	1013.01	1013.00	1012.99	1012.99	1013.03
	3	1012.99	1012.99	1013.02	1013.04	1013.00	1012.95	1012.98	1013.06	1013.02	1013.00	1013.04	1013.08	1013.01
	4	1013.09	1013.08	1013.09	1013.14	1013.23	1013.28	1013.30	1013.34	1013.41	1013.42	1013.34	1013.34	1013.25
	5	1013.40	1013.41	1013.36	1013.34	1013.41	1013.46	1013.46	1013.48	1013.51	1013.55	1013.59	1013.59	1013.46
	6	1013.59	1013.65	1013.68	1013.69	1013.70	1013.68	1013.65	1013.61	1013.62	1013.63	1013.61	1013.58	1013.64
	7	1013.56	1013.54	1013.53	1013.51	1013.47	1013.42	1013.42	1013.43	1013.40	1013.39	1013.41	1013.44	1013.46
	8	1013.48	1013.52	1013.58	1013.59	1013.55	1013.51	1013.51	1013.50	1013.52	1013.56	1013.57	1013.58	1013.54
	9	1013.59	1013.56	1013.55	1013.57	1013.57	1013.55	1013.54	1013.53	1013.51	1013.52	1013.53	1013.52	1013.54
	10	1013.56	1013.57	1013.57	1013.58	1013.57	1013.56	1013.53	1013.51	1013.51	1013.48	1013.47	1013.46	1013.53
	11	1013.45	1013.45	1013.45	1013.46	1013.46	1013.42	1013.40	1013.38	1013.38	1013.41	1013.44	1013.41	1013.42
	12	1013.36	1013.30	1013.25	1013.21	1013.21	1013.22	1013.20	1013.16	1013.14	1013.10	1013.05	1013.01	1013.18
	13	1012.97	1012.95	1012.95	1012.94	1012.93	1012.92	1012.91	1012.94	1012.99	1013.02	1012.99	1012.93	1012.95
	14	1012.92	1012.91	1012.87	1012.87	1012.88	1012.86	1012.81	1012.74	1012.67	1012.65	1012.66	1012.61	1012.79
	15	1012.57	1012.53	1012.49	1012.47	1012.48	1012.46	1012.39	1012.33	1012.30	1012.29	1012.33	1012.35	1012.41
	16	1012.31	1012.23	1012.18	1012.19	1012.22	1012.21	1012.17	1012.14	1012.13	1012.14	1012.15	1012.17	1012.18
	17	1012.22	1012.26	1012.29	1012.31	1012.35	1012.39	1012.42	1012.43	1012.42	1012.40	1012.34	1012.32	1012.34
	18	1012.33	1012.33	1012.33	1012.34	1012.36	1012.37	1012.38	1012.44	1012.51	1012.55	1012.59	1012.67	1012.43
	19	1012.71	1012.75	1012.82	1012.91	1013.00	1013.08	1013.15	1013.24	1013.30	1013.32	1013.35	1013.36	1013.08
	20	1013.39	1013.43	1013.47	1013.47	1013.47	1013.51	1013.55	1013.57	1013.59	1013.57	1013.55	1013.56	1013.51
	21	1013.57	1013.58	1013.60	1013.58	1013.57	1013.59	1013.57	1013.53	1013.49	1013.47	1013.44	1013.42	1013.53
	22	1013.42	1013.41	1013.39	1013.40	1013.40	1013.38	1013.35	1013.33	1013.32	1013.32	1013.29	1013.29	1013.36
	23	1013.30	1013.30	1013.35	1013.40	1013.41	1013.41	1013.43	1013.46	1013.49	1013.49	1013.44	1013.41	1013.40
14	0	1013.41	1013.41	1013.38	1013.33	1013.27	1013.22	1013.15	1013.10	1013.06	1013.04	1013.03	1012.99	1013.19
	1	1012.97	1012.96	1012.95	1012.93	1012.89	1012.88	1012.86	1012.81	1012.78	1012.76	1012.75	1012.79	1012.86
	2	1012.78	1012.76	1012.78	1012.78	1012.75	1012.73	1012.73	1012.72	1012.70	1012.70	1012.69	1012.67	1012.73
	3	1012.67	1012.68	1012.70	1012.71	1012.73	1012.73	1012.74	1012.78	1012.84	1012.87	1012.92	1012.95	1012.77
	4	1012.98	1013.03	1013.03	1013.01	1013.02	1013.07	1013.12	1013.12	1013.11	1013.08	1013.08	1013.09	1013.06
	5	1013.11	1013.14	1013.17	1013.19	1013.21	1013.23	1013.22	1013.22	1013.22	1013.24	1013.28	1013.32	1013.21
	6	1013.38	1013.43	1013.43	1013.44	1013.42	1013.42	1013.44	1013.44	1013.45	1013.46	1013.47	1013.46	1013.43
	7	1013.41	1013.38	1013.36	1013.34	1013.32	1013.28	1013.25	1013.23	1013.23	1013.23	1013.24	1013.22	1013.29
	8	1013.21	1013.18	1013.17	1013.19	1013.22	1013.24	1013.23	1013.19	1013.19	1013.21	1013.22	1013.19	1013.20
	9	1013.15	1013.14	1013.10	1013.06	1013.03	1013.01	1012.99	1012.96	1012.93	1012.93	1012.96	1012.96	1013.02
	10	1012.94	1012.92	1012.89	1012.85	1012.79	1012.74	1012.72	1012.70	1012.68	1012.63	1012.57	1012.52	1012.74
	11	1012.50	1012.48	1012.42	1012.39	1012.36	1012.31	1012.26	1012.25	1012.23	1012.16	1012.10	1012.04	1012.29
	12	1011.99	1011.95	1011.93	1011.95	1011.96	1011.90	1011.84	1011.81	1011.79	1011.76	1011.72	1011.73	1011.86
	13	1011.73	1011.72	1011.72	1011.69	1011.67	1011.66	1011.63	1011.58	1011.55	1011.55	1011.57	1011.57	1011.63
	14	1011.56	1011.51	1011.49	1011.49	1011.44	1011.42	1011.42	1011.39	1011.37	1011.35	1011.32	1011.29	1011.42
	15	1011.29	1011.31	1011.30	1011.26	1011.23	1011.19	1011.15	1011.16	1011.15	1011.12	1011.09	1011.03	1011.19
	16	1010.99	1010.96	1010.89	1010.85	1010.82	1010.77	1010.77	1010.80	1010.82	1010.82	1010.82	1010.81	1010.84
	17	1010.81	1010.81	1010.81	1010.84	1010.89	1010.92	1010.94	1010.94	1010.96	1010.99	1011.01	1011.01	1010.91
	18	1011.00	1011.02	1011.07	1011.13	1011.18	1011.21	1011.23	1011.27	1011.32	1011.35	1011.38	1011.41	1011.21
	19	1011.44	1011.47	1011.49	1011.49	1011.52	1011.57	1011.58	1011.60	1011.65	1011.71	1011.77	1011.81	1011.59
	20	1011.83	1011.85	1011.90	1011.91	1011.88	1011.86	1011.90	1011.93	1011.93	1011.98	1012.06	1012.09	1011.92
	21	1012.13	1012.21	1012.27	1012.29	1012.28	1012.25	1012.21	1012.20	1012.23	1012.25	1012.25	1012.24	1012.23
	22	1012.24	1012.18	1012.08	1012.01	1011.93	1011.90	1011.94	1011.95	1011.89	1011.86	1011.86	1011.84	1011.97
	23	1011.84	1011.85	1011.84	1011.79	1011.76	1011.74	1011.72	1011.72	1011.73	1011.73	1011.72	1011.69	1011.76

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
15	0	1011.62	1011.65	1011.69	1011.69	1011.70	1011.73	1011.78	1011.79	1011.75	1011.70	1011.65	1011.61	1011.70
	1	1011.55	1011.51	1011.49	1011.44	1011.41	1011.39	1011.37	1011.35	1011.34	1011.32	1011.30	1011.30	1011.40
	2	1011.28	1011.27	1011.25	1011.20	1011.19	1011.19	1011.19	1011.17	1011.16	1011.16	1011.14	1011.09	1011.19
	3	1011.07	1011.04	1011.04	1011.02	1010.98	1010.96	1010.97	1011.01	1011.05	1011.07	1011.08	1011.07	1011.03
	4	1011.03	1011.02	1011.05	1011.09	1011.14	1011.21	1011.27	1011.32	1011.36	1011.40	1011.42	1011.39	1011.22
	5	1011.31	1011.27	1011.32	1011.38	1011.42	1011.45	1011.49	1011.53	1011.55	1011.55	1011.55	1011.55	1011.44
	6	1011.57	1011.58	1011.59	1011.60	1011.62	1011.65	1011.69	1011.74	1011.77	1011.79	1011.80	1011.79	1011.68
	7	1011.83	1011.89	1011.92	1011.91	1011.88	1011.86	1011.90	1011.98	1012.04	1012.06	1012.06	1012.06	1011.95
	8	1012.04	1012.00	1011.99	1012.01	1012.03	1012.04	1012.05	1012.06	1012.02	1011.98	1011.98	1012.01	1012.01
	9	1012.05	1012.07	1012.08	1012.11	1012.14	1012.13	1012.10	1012.07	1012.04	1012.03	1012.04	1012.03	1012.07
	10	1012.00	1011.97	1011.97	1011.99	1012.02	1012.03	1012.01	1011.99	1012.00	1011.98	1011.96	1011.95	1011.99
	11	1011.91	1011.86	1011.81	1011.77	1011.77	1011.81	1011.80	1011.79	1011.78	1011.73	1011.72	1011.73	1011.79
	12	1011.73	1011.73	1011.70	1011.69	1011.69	1011.68	1011.65	1011.66	1011.69	1011.71	1011.69	1011.67	1011.69
	13	1011.73	1011.78	1011.80	1011.81	1011.81	1011.81	1011.80	1011.82	1011.84	1011.82	1011.82	1011.83	1011.80
	14	1011.85	1011.87	1011.85	1011.86	1011.88	1011.89	1011.89	1011.87	1011.85	1011.84	1011.84	1011.83	1011.86
	15	1011.84	1011.83	1011.79	1011.79	1011.81	1011.83	1011.82	1011.78	1011.74	1011.73	1011.71	1011.67	1011.78
	16	1011.61	1011.56	1011.54	1011.53	1011.53	1011.54	1011.56	1011.56	1011.56	1011.59	1011.64	1011.71	1011.57
	17	1011.73	1011.70	1011.66	1011.65	1011.64	1011.65	1011.65	1011.62	1011.59	1011.58	1011.60	1011.62	1011.64
	18	1011.65	1011.67	1011.68	1011.71	1011.70	1011.68	1011.69	1011.72	1011.70	1011.67	1011.69	1011.72	1011.69
	19	1011.77	1011.82	1011.87	1011.91	1011.94	1011.97	1012.00	1012.04	1012.08	1012.12	1012.18	1012.22	1011.99
	20	1012.27	1012.32	1012.36	1012.39	1012.40	1012.41	1012.41	1012.39	1012.37	1012.36	1012.37	1012.37	1012.37
	21	1012.35	1012.33	1012.35	1012.36	1012.33	1012.32	1012.34	1012.36	1012.37	1012.35	1012.34	1012.37	1012.35
	22	1012.41	1012.42	1012.43	1012.44	1012.44	1012.46	1012.50	1012.54	1012.54	1012.53	1012.53	1012.56	1012.48
	23	1012.60	1012.61	1012.60	1012.58	1012.58	1012.58	1012.54	1012.48	1012.44	1012.47	1012.51	1012.52	1012.54
16	0	1012.56	1012.54	1012.45	1012.39	1012.40	1012.41	1012.40	1012.40	1012.41	1012.39	1012.32	1012.29	1012.41
	1	1012.28	1012.24	1012.20	1012.16	1012.16	1012.17	1012.18	1012.17	1012.19	1012.25	1012.24	1012.18	1012.20
	2	1012.17	1012.21	1012.25	1012.25	1012.22	1012.20	1012.20	1012.19	1012.16	1012.15	1012.19	1012.24	1012.20
	3	1012.29	1012.34	1012.37	1012.38	1012.42	1012.47	1012.48	1012.49	1012.53	1012.57	1012.61	1012.62	1012.46
	4	1012.64	1012.68	1012.68	1012.66	1012.67	1012.71	1012.76	1012.80	1012.83	1012.83	1012.82	1012.84	1012.74
	5	1012.87	1012.86	1012.86	1012.90	1012.95	1012.99	1013.03	1013.09	1013.13	1013.15	1013.16	1013.16	1013.01
	6	1013.15	1013.17	1013.17	1013.18	1013.20	1013.22	1013.23	1013.23	1013.21	1013.17	1013.14	1013.14	1013.18
	7	1013.15	1013.16	1013.19	1013.19	1013.19	1013.16	1013.13	1013.14	1013.14	1013.13	1013.14	1013.17	1013.16
	8	1013.21	1013.25	1013.26	1013.24	1013.23	1013.26	1013.27	1013.26	1013.25	1013.24	1013.23	1013.22	1013.24
	9	1013.22	1013.24	1013.24	1013.22	1013.21	1013.20	1013.18	1013.16	1013.13	1013.09	1013.07	1013.08	1013.17
	10	1013.09	1013.08	1013.03	1012.99	1012.98	1012.95	1012.92	1012.90	1012.88	1012.87	1012.83	1012.78	1012.94
	11	1012.72	1012.67	1012.64	1012.59	1012.54	1012.50	1012.47	1012.44	1012.43	1012.45	1012.47	1012.48	1012.53
	12	1012.46	1012.43	1012.42	1012.42	1012.38	1012.33	1012.28	1012.27	1012.28	1012.27	1012.25	1012.26	1012.34
	13	1012.24	1012.23	1012.24	1012.22	1012.23	1012.24	1012.24	1012.23	1012.22	1012.21	1012.21	1012.23	1012.22
	14	1012.25	1012.27	1012.29	1012.31	1012.31	1012.30	1012.31	1012.33	1012.30	1012.26	1012.26	1012.26	1012.28
	15	1012.24	1012.24	1012.22	1012.19	1012.17	1012.15	1012.11	1012.08	1012.05	1012.04	1012.01	1011.99	1012.12
	16	1011.99	1012.01	1012.03	1012.07	1012.09	1012.09	1012.08	1012.07	1012.05	1012.04	1012.04	1012.03	1012.05
	17	1012.05	1012.08	1012.08	1012.08	1012.09	1012.12	1012.16	1012.18	1012.18	1012.20	1012.23	1012.25	1012.14
	18	1012.27	1012.30	1012.34	1012.37	1012.40	1012.44	1012.50	1012.58	1012.65	1012.68	1012.70	1012.76	1012.50
	19	1012.84	1012.88	1012.88	1012.92	1012.98	1013.03	1013.06	1013.09	1013.12	1013.14	1013.15	1013.16	1013.02
	20	1013.18	1013.22	1013.23	1013.24	1013.24	1013.22	1013.20	1013.19	1013.17	1013.17	1013.20	1013.25	1013.21
	21	1013.25	1013.21	1013.19	1013.18	1013.18	1013.20	1013.20	1013.20	1013.24	1013.24	1013.21	1013.20	1013.21
	22	1013.21	1013.22	1013.21	1013.20	1013.23	1013.27	1013.29	1013.28	1013.26	1013.23	1013.21	1013.19	1013.23
	23	1013.20	1013.22	1013.19	1013.17	1013.16	1013.16	1013.20	1013.25	1013.24	1013.19	1013.17	1013.15	1013.19

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
17	0	1013.14	1013.15	1013.14	1013.12	1013.12	1013.11	1013.10	1013.11	1013.11	1013.11	1013.08	1013.05	1013.11
	1	1013.03	1013.00	1012.96	1012.92	1012.86	1012.81	1012.77	1012.76	1012.76	1012.76	1012.78	1012.81	1012.85
	2	1012.81	1012.80	1012.79	1012.76	1012.78	1012.82	1012.78	1012.75	1012.78	1012.84	1012.86	1012.88	1012.80
	3	1012.92	1012.94	1012.99	1013.05	1013.10	1013.16	1013.22	1013.27	1013.28	1013.28	1013.28	1013.27	1013.14
	4	1013.29	1013.34	1013.33	1013.29	1013.29	1013.32	1013.35	1013.38	1013.41	1013.41	1013.40	1013.43	1013.35
	5	1013.47	1013.49	1013.51	1013.51	1013.52	1013.51	1013.48	1013.49	1013.51	1013.48	1013.50	1013.53	1013.50
	6	1013.54	1013.55	1013.57	1013.60	1013.63	1013.65	1013.66	1013.68	1013.69	1013.67	1013.64	1013.65	1013.63
	7	1013.67	1013.68	1013.67	1013.63	1013.60	1013.58	1013.60	1013.62	1013.57	1013.51	1013.48	1013.46	1013.59
	8	1013.48	1013.49	1013.49	1013.52	1013.57	1013.60	1013.60	1013.59	1013.58	1013.58	1013.57	1013.57	1013.55
	9	1013.56	1013.55	1013.57	1013.56	1013.51	1013.46	1013.44	1013.41	1013.40	1013.41	1013.40	1013.39	1013.47
	10	1013.39	1013.35	1013.31	1013.29	1013.26	1013.23	1013.19	1013.15	1013.12	1013.12	1013.13	1013.10	1013.22
	11	1013.07	1013.07	1013.09	1013.09	1013.07	1013.03	1012.98	1012.94	1012.92	1012.93	1012.93	1012.92	1013.00
	12	1012.94	1012.97	1012.95	1012.92	1012.92	1012.91	1012.89	1012.87	1012.86	1012.88	1012.91	1012.91	1012.91
	13	1012.92	1012.93	1012.90	1012.88	1012.86	1012.80	1012.72	1012.65	1012.61	1012.56	1012.54	1012.54	1012.74
	14	1012.55	1012.55	1012.55	1012.53	1012.50	1012.49	1012.49	1012.49	1012.46	1012.44	1012.43	1012.40	1012.49
	15	1012.37	1012.34	1012.32	1012.30	1012.28	1012.25	1012.20	1012.16	1012.12	1012.08	1012.06	1012.05	1012.21
	16	1012.04	1012.04	1012.03	1012.05	1012.08	1012.09	1012.08	1012.09	1012.12	1012.15	1012.15	1012.09	1012.08
	17	1012.05	1012.03	1012.04	1012.07	1012.08	1012.06	1012.03	1012.04	1012.07	1012.05	1012.02	1011.99	1012.04
	18	1011.99	1012.00	1012.01	1012.04	1012.05	1012.07	1012.12	1012.14	1012.16	1012.19	1012.20	1012.29	1012.10
	19	1012.38	1012.43	1012.48	1012.55	1012.64	1012.70	1012.72	1012.74	1012.75	1012.78	1012.79	1012.75	1012.64
	20	1012.69	1012.64	1012.63	1012.63	1012.63	1012.66	1012.71	1012.74	1012.76	1012.78	1012.80	1012.80	1012.70
	21	1012.77	1012.76	1012.76	1012.76	1012.75	1012.78	1012.82	1012.82	1012.82	1012.85	1012.86	1012.85	1012.80
	22	1012.87	1012.91	1012.97	1013.04	1013.09	1013.14	1013.19	1013.19	1013.18	1013.20	1013.23	1013.20	1013.10
	23	1013.11	1013.09	1013.12	1013.11	1013.08	1013.07	1013.07	1013.07	1013.07	1013.03	1013.01	1013.03	1013.07
18	0	1013.02	1013.02	1012.99	1012.96	1012.96	1012.99	1013.00	1012.95	1012.85	1012.81	1012.79	1012.79	1012.92
	1	1012.77	1012.73	1012.73	1012.72	1012.70	1012.65	1012.58	1012.53	1012.47	1012.43	1012.42	1012.41	1012.59
	2	1012.36	1012.37	1012.41	1012.41	1012.39	1012.37	1012.35	1012.36	1012.33	1012.26	1012.15	1012.02	1012.31
	3	1012.00	1012.07	1012.17	1012.27	1012.38	1012.43	1012.38	1012.26	1012.18	1012.13	1012.10	1012.14	1012.21
	4	1012.23	1012.27	1012.29	1012.34	1012.31	1012.29	1012.38	1012.54	1012.64	1012.62	1012.57	1012.54	1012.42
	5	1012.54	1012.57	1012.63	1012.65	1012.67	1012.72	1012.80	1012.83	1012.83	1012.86	1012.85	1012.85	1012.73
	6	1012.87	1012.86	1012.84	1012.85	1012.91	1012.92	1012.90	1012.94	1013.00	1013.01	1013.00	1013.03	1012.93
	7	1013.04	1013.00	1012.97	1012.93	1012.87	1012.82	1012.79	1012.81	1012.79	1012.77	1012.78	1012.74	1012.86
	8	1012.69	1012.66	1012.65	1012.67	1012.69	1012.70	1012.70	1012.72	1012.75	1012.77	1012.74	1012.67	1012.70
	9	1012.63	1012.61	1012.59	1012.57	1012.56	1012.55	1012.54	1012.52	1012.48	1012.44	1012.44	1012.42	1012.53
	10	1012.40	1012.37	1012.37	1012.37	1012.36	1012.35	1012.37	1012.41	1012.42	1012.47	1012.49	1012.49	1012.40
	11	1012.48	1012.44	1012.40	1012.38	1012.36	1012.32	1012.27	1012.23	1012.22	1012.20	1012.18	1012.17	1012.30
	12	1012.17	1012.15	1012.13	1012.10	1012.08	1012.09	1012.08	1012.09	1012.07	1012.05	1012.04	1012.02	1012.09
	13	1012.04	1012.03	1012.03	1012.01	1011.99	1011.98	1011.95	1011.93	1011.90	1011.87	1011.84	1011.83	1011.95
	14	1011.78	1011.72	1011.69	1011.68	1011.66	1011.63	1011.60	1011.56	1011.54	1011.48	1011.46	1011.46	1011.60
	15	1011.42	1011.40	1011.40	1011.38	1011.37	1011.40	1011.38	1011.33	1011.27	1011.21	1011.16	1011.13	1011.32
	16	1011.12	1011.10	1011.06	1011.06	1011.08	1011.08	1011.08	1011.11	1011.12	1011.09	1011.05	1011.01	1011.08
	17	1011.01	1011.04	1011.05	1011.05	1011.03	1011.01	1011.02	1011.06	1011.09	1011.08	1011.07	1011.06	1011.05
	18	1011.10	1011.13	1011.16	1011.21	1011.25	1011.28	1011.29	1011.30	1011.33	1011.38	1011.43	1011.48	1011.28
	19	1011.51	1011.56	1011.60	1011.61	1011.67	1011.75	1011.80	1011.85	1011.88	1011.90	1011.93	1011.97	1011.75
	20	1012.02	1012.08	1012.14	1012.18	1012.18	1012.16	1012.18	1012.20	1012.23	1012.24	1012.24	1012.26	1012.17
	21	1012.29	1012.27	1012.24	1012.25	1012.25	1012.25	1012.27	1012.27	1012.27	1012.28	1012.25	1012.22	1012.26
	22	1012.24	1012.31	1012.41	1012.45	1012.46	1012.50	1012.52	1012.52	1012.50	1012.44	1012.37	1012.33	1012.42
	23	1012.35	1012.38	1012.36	1012.34	1012.33	1012.36	1012.43	1012.50	1012.53	1012.55	1012.59	1012.61	1012.44

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
19	0	1012.62	1012.59	1012.55	1012.53	1012.49	1012.49	1012.50	1012.54	1012.58	1012.58	1012.54	1012.53	1012.54
	1	1012.54	1012.54	1012.55	1012.55	1012.55	1012.57	1012.56	1012.52	1012.46	1012.44	1012.46	1012.46	1012.51
	2	1012.45	1012.46	1012.51	1012.54	1012.54	1012.53	1012.54	1012.56	1012.57	1012.59	1012.60	1012.63	1012.54
	3	1012.66	1012.66	1012.65	1012.66	1012.66	1012.68	1012.71	1012.76	1012.78	1012.76	1012.74	1012.71	1012.70
	4	1012.68	1012.68	1012.72	1012.75	1012.76	1012.78	1012.81	1012.83	1012.84	1012.83	1012.83	1012.84	1012.78
	5	1012.87	1012.88	1012.86	1012.82	1012.81	1012.82	1012.82	1012.81	1012.81	1012.83	1012.85	1012.91	1012.84
	6	1012.95	1012.96	1012.96	1012.97	1012.98	1012.99	1013.00	1013.00	1012.98	1012.92	1012.89	1012.90	1012.96
	7	1012.91	1012.88	1012.87	1012.89	1012.86	1012.83	1012.82	1012.82	1012.83	1012.86	1012.87	1012.87	1012.86
	8	1012.88	1012.88	1012.88	1012.87	1012.85	1012.83	1012.81	1012.79	1012.73	1012.69	1012.67	1012.66	1012.79
	9	1012.66	1012.63	1012.58	1012.54	1012.55	1012.55	1012.52	1012.47	1012.44	1012.43	1012.43	1012.45	1012.52
	10	1012.47	1012.49	1012.49	1012.49	1012.52	1012.52	1012.50	1012.48	1012.48	1012.46	1012.44	1012.45	1012.48
	11	1012.41	1012.38	1012.37	1012.37	1012.33	1012.24	1012.22	1012.22	1012.21	1012.23	1012.25	1012.22	1012.29
	12	1012.20	1012.16	1012.13	1012.14	1012.15	1012.18	1012.22	1012.18	1012.16	1012.14	1012.04	1012.02	1012.14
	13	1012.02	1011.98	1011.99	1012.03	1012.03	1012.04	1012.04	1012.06	1012.04	1012.00	1012.03	1012.07	1012.03
	14	1012.00	1011.97	1012.02	1012.06	1012.06	1012.02	1011.99	1011.96	1011.96	1011.92	1011.86	1011.86	1011.97
	15	1011.82	1011.78	1011.80	1011.72	1011.62	1011.57	1011.53	1011.57	1011.64	1011.69	1011.72	1011.73	1011.68
	16	1011.74	1011.72	1011.65	1011.61	1011.59	1011.60	1011.65	1011.68	1011.67	1011.61	1011.57	1011.56	1011.64
	17	1011.57	1011.59	1011.66	1011.75	1011.82	1011.83	1011.80	1011.78	1011.74	1011.69	1011.67	1011.70	1011.71
	18	1011.73	1011.75	1011.77	1011.77	1011.79	1011.81	1011.80	1011.81	1011.84	1011.89	1011.95	1012.02	1011.83
	19	1012.12	1012.21	1012.25	1012.32	1012.39	1012.41	1012.41	1012.44	1012.47	1012.51	1012.54	1012.54	1012.38
	20	1012.55	1012.52	1012.45	1012.42	1012.41	1012.41	1012.48	1012.53	1012.49	1012.45	1012.45	1012.42	1012.46
	21	1012.37	1012.34	1012.30	1012.28	1012.29	1012.30	1012.30	1012.31	1012.30	1012.28	1012.31	1012.34	1012.31
	22	1012.36	1012.38	1012.42	1012.45	1012.43	1012.37	1012.31	1012.27	1012.24	1012.20	1012.19	1012.20	1012.32
	23	1012.21	1012.19	1012.19	1012.21	1012.23	1012.22	1012.21	1012.20	1012.17	1012.14	1012.13	1012.14	1012.18
20	0	1012.16	1012.16	1012.14	1012.13	1012.14	1012.12	1012.09	1012.06	1012.04	1012.00	1011.97	1011.92	1012.07
	1	1011.84	1011.81	1011.81	1011.82	1011.83	1011.83	1011.82	1011.81	1011.81	1011.80	1011.74	1011.70	1011.80
	2	1011.67	1011.64	1011.67	1011.71	1011.69	1011.65	1011.67	1011.74	1011.79	1011.84	1011.86	1011.87	1011.73
	3	1011.88	1011.93	1011.97	1011.98	1011.96	1011.95	1011.97	1011.97	1011.97	1011.99	1012.02	1012.06	1011.97
	4	1012.11	1012.14	1012.14	1012.13	1012.11	1012.09	1012.11	1012.12	1012.10	1012.13	1012.17	1012.18	1012.12
	5	1012.21	1012.23	1012.25	1012.27	1012.26	1012.24	1012.23	1012.21	1012.20	1012.23	1012.27	1012.27	1012.24
	6	1012.27	1012.32	1012.37	1012.38	1012.36	1012.35	1012.38	1012.41	1012.42	1012.43	1012.42	1012.42	1012.38
	7	1012.43	1012.45	1012.47	1012.50	1012.48	1012.46	1012.44	1012.42	1012.41	1012.40	1012.39	1012.36	1012.43
	8	1012.30	1012.27	1012.25	1012.21	1012.18	1012.14	1012.10	1012.08	1012.05	1012.03	1012.01	1011.98	1012.13
	9	1012.00	1012.00	1011.98	1011.96	1011.96	1011.96	1011.94	1011.92	1011.88	1011.81	1011.76	1011.70	1011.90
	10	1011.68	1011.71	1011.72	1011.70	1011.71	1011.69	1011.64	1011.62	1011.59	1011.57	1011.55	1011.48	1011.64
	11	1011.43	1011.42	1011.35	1011.27	1011.22	1011.17	1011.14	1011.13	1011.15	1011.13	1011.08	1011.05	1011.21
	12	1011.06	1011.08	1011.02	1010.91	1010.82	1010.77	1010.73	1010.69	1010.70	1010.67	1010.63	1010.63	1010.81
	13	1010.66	1010.76	1010.87	1010.99	1011.07	1011.07	1010.96	1010.79	1010.61	1010.41	1010.33	1010.37	1010.74
	14	1010.41	1010.49	1010.58	1010.65	1010.73	1010.75	1010.70	1010.65	1010.64	1010.62	1010.58	1010.61	1010.62
	15	1010.64	1010.60	1010.55	1010.51	1010.48	1010.43	1010.35	1010.30	1010.27	1010.28	1010.37	1010.45	1010.43
	16	1010.50	1010.51	1010.50	1010.50	1010.46	1010.39	1010.34	1010.28	1010.18	1010.21	1010.35	1010.45	1010.39
	17	1010.49	1010.54	1010.53	1010.46	1010.40	1010.37	1010.34	1010.30	1010.27	1010.26	1010.25	1010.25	1010.37
	18	1010.23	1010.19	1010.15	1010.15	1010.18	1010.22	1010.26	1010.29	1010.33	1010.35	1010.37	1010.43	1010.26
	19	1010.51	1010.60	1010.70	1010.80	1010.92	1011.02	1011.09	1011.20	1011.32	1011.42	1011.47	1011.51	1011.05
	20	1011.55	1011.58	1011.59	1011.57	1011.55	1011.56	1011.60	1011.67	1011.72	1011.73	1011.74	1011.74	1011.63
	21	1011.72	1011.73	1011.74	1011.72	1011.65	1011.57	1011.52	1011.50	1011.47	1011.48	1011.48	1011.44	1011.58
	22	1011.43	1011.43	1011.43	1011.43	1011.40	1011.38	1011.33	1011.30	1011.28	1011.26	1011.27	1011.29	1011.35
	23	1011.26	1011.22	1011.22	1011.22	1011.20	1011.18	1011.15	1011.12	1011.12	1011.13	1011.14	1011.14	1011.17

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
21	0	1011.14	1011.13	1011.10	1011.06	1011.02	1010.99	1010.97	1010.97	1010.93	1010.88	1010.88	1010.88	1010.99
	1	1010.87	1010.85	1010.82	1010.78	1010.74	1010.71	1010.72	1010.73	1010.74	1010.72	1010.67	1010.62	1010.74
	2	1010.56	1010.54	1010.56	1010.58	1010.61	1010.63	1010.65	1010.69	1010.69	1010.66	1010.67	1010.70	1010.63
	3	1010.71	1010.72	1010.71	1010.70	1010.72	1010.74	1010.74	1010.74	1010.75	1010.73	1010.73	1010.75	1010.73
	4	1010.75	1010.74	1010.76	1010.81	1010.88	1010.95	1011.02	1011.07	1011.11	1011.14	1011.16	1011.18	1010.96
	5	1011.18	1011.18	1011.17	1011.16	1011.18	1011.22	1011.25	1011.29	1011.32	1011.36	1011.39	1011.43	1011.26
	6	1011.49	1011.54	1011.59	1011.64	1011.71	1011.77	1011.81	1011.83	1011.84	1011.86	1011.89	1011.90	1011.74
	7	1011.90	1011.87	1011.86	1011.85	1011.87	1011.93	1011.94	1011.92	1011.92	1011.94	1011.96	1011.97	1011.91
	8	1011.99	1011.99	1011.98	1011.97	1011.96	1011.95	1011.96	1011.96	1011.96	1011.98	1012.01	1012.01	1011.97
	9	1012.01	1012.03	1012.03	1012.01	1012.00	1012.00	1011.98	1011.95	1011.95	1011.95	1011.93	1011.94	1011.98
	10	1011.94	1011.89	1011.86	1011.86	1011.87	1011.88	1011.87	1011.86	1011.85	1011.81	1011.78	1011.80	1011.85
	11	1011.80	1011.79	1011.79	1011.74	1011.70	1011.67	1011.65	1011.64	1011.60	1011.58	1011.56	1011.56	1011.67
	12	1011.55	1011.53	1011.52	1011.51	1011.53	1011.52	1011.47	1011.47	1011.49	1011.50	1011.50	1011.47	1011.50
	13	1011.48	1011.52	1011.49	1011.45	1011.43	1011.37	1011.33	1011.31	1011.35	1011.42	1011.44	1011.46	1011.42
	14	1011.48	1011.45	1011.42	1011.39	1011.34	1011.31	1011.28	1011.29	1011.28	1011.26	1011.29	1011.32	1011.34
	15	1011.38	1011.41	1011.36	1011.32	1011.30	1011.30	1011.31	1011.30	1011.27	1011.22	1011.21	1011.15	1011.29
	16	1011.06	1011.05	1011.07	1011.08	1011.10	1011.12	1011.13	1011.17	1011.17	1011.16	1011.18	1011.18	1011.12
	17	1011.19	1011.25	1011.33	1011.41	1011.47	1011.50	1011.54	1011.59	1011.62	1011.61	1011.59	1011.57	1011.47
	18	1011.57	1011.59	1011.56	1011.52	1011.53	1011.53	1011.54	1011.58	1011.60	1011.62	1011.65	1011.68	1011.58
	19	1011.72	1011.80	1011.92	1012.00	1012.06	1012.14	1012.18	1012.17	1012.16	1012.18	1012.22	1012.25	1012.06
	20	1012.27	1012.29	1012.30	1012.33	1012.40	1012.47	1012.50	1012.53	1012.58	1012.62	1012.66	1012.70	1012.47
	21	1012.73	1012.75	1012.77	1012.78	1012.78	1012.78	1012.79	1012.80	1012.80	1012.74	1012.64	1012.56	1012.74
	22	1012.53	1012.51	1012.53	1012.55	1012.54	1012.56	1012.62	1012.65	1012.63	1012.60	1012.57	1012.56	1012.57
	23	1012.56	1012.52	1012.52	1012.54	1012.55	1012.56	1012.54	1012.51	1012.50	1012.50	1012.52	1012.55	1012.53
22	0	1012.48	1012.46	1012.41	1012.37	1012.38	1012.39	1012.41	1012.42	1012.44	1012.44	1012.38	1012.38	1012.41
	1	1012.42	1012.40	1012.36	1012.34	1012.36	1012.34	1012.31	1012.35	1012.40	1012.46	1012.52	1012.53	1012.40
	2	1012.53	1012.55	1012.59	1012.63	1012.68	1012.70	1012.64	1012.59	1012.56	1012.50	1012.46	1012.47	1012.57
	3	1012.50	1012.52	1012.54	1012.57	1012.60	1012.58	1012.57	1012.57	1012.58	1012.66	1012.69	1012.68	1012.59
	4	1012.65	1012.61	1012.64	1012.74	1012.80	1012.81	1012.79	1012.76	1012.74	1012.72	1012.73	1012.79	1012.73
	5	1012.84	1012.87	1012.92	1012.98	1013.03	1013.06	1013.07	1013.04	1013.00	1013.04	1013.13	1013.18	1013.01
	6	1013.19	1013.21	1013.24	1013.29	1013.33	1013.32	1013.32	1013.33	1013.29	1013.25	1013.27	1013.32	1013.28
	7	1013.34	1013.36	1013.40	1013.43	1013.43	1013.47	1013.51	1013.54	1013.55	1013.55	1013.57	1013.57	1013.48
	8	1013.54	1013.52	1013.53	1013.53	1013.52	1013.56	1013.61	1013.64	1013.65	1013.67	1013.70	1013.70	1013.60
	9	1013.64	1013.59	1013.57	1013.56	1013.58	1013.55	1013.52	1013.51	1013.49	1013.46	1013.44	1013.41	1013.53
	10	1013.38	1013.39	1013.42	1013.43	1013.41	1013.36	1013.29	1013.25	1013.24	1013.23	1013.22	1013.21	1013.32
	11	1013.16	1013.12	1013.15	1013.14	1013.10	1013.07	1013.05	1013.05	1013.04	1013.04	1013.05	1013.05	1013.08
	12	1013.02	1013.01	1013.00	1012.96	1012.96	1012.94	1012.88	1012.83	1012.80	1012.75	1012.70	1012.68	1012.87
	13	1012.67	1012.65	1012.59	1012.53	1012.52	1012.51	1012.48	1012.47	1012.42	1012.37	1012.38	1012.41	1012.50
	14	1012.42	1012.42	1012.42	1012.45	1012.48	1012.46	1012.43	1012.46	1012.49	1012.51	1012.52	1012.51	1012.46
	15	1012.51	1012.49	1012.49	1012.53	1012.58	1012.59	1012.59	1012.61	1012.61	1012.65	1012.68	1012.66	1012.58
	16	1012.66	1012.68	1012.61	1012.57	1012.62	1012.68	1012.71	1012.68	1012.68	1012.72	1012.72	1012.71	1012.67
	17	1012.71	1012.69	1012.62	1012.57	1012.62	1012.68	1012.71	1012.74	1012.82	1012.89	1012.95	1012.97	1012.74
	18	1012.94	1012.89	1012.87	1012.92	1013.00	1013.05	1013.06	1013.09	1013.14	1013.24	1013.35	1013.38	1013.08
	19	1013.36	1013.32	1013.30	1013.32	1013.38	1013.45	1013.51	1013.55	1013.57	1013.56	1013.59	1013.65	1013.46
	20	1013.67	1013.69	1013.74	1013.84	1013.89	1013.88	1013.85	1013.83	1013.81	1013.73	1013.69	1013.72	1013.78
	21	1013.76	1013.78	1013.78	1013.80	1013.83	1013.85	1013.87	1013.88	1013.89	1013.90	1013.90	1013.90	1013.84
	22	1013.90	1013.89	1013.90	1013.92	1013.93	1013.94	1013.93	1013.92	1013.91	1013.93	1013.97	1013.98	1013.92
	23	1013.99	1014.00	1014.02	1014.02	1013.98	1013.92	1013.87	1013.89	1013.90	1013.88	1013.85	1013.82	1013.92

S.V.I.R.CO. Observatory - Pressure in hectoPascal – July 2010

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
23	0	1013.83	1013.80	1013.76	1013.76	1013.76	1013.74	1013.71	1013.72	1013.73	1013.75	1013.77	1013.72	1013.75
	1	1013.65	1013.65	1013.67	1013.66	1013.64	1013.56	1013.47	1013.46	1013.49	1013.47	1013.47	1013.47	1013.55
	2	1013.48	1013.50	1013.51	1013.51	1013.48	1013.47	1013.49	1013.52	1013.54	1013.58	1013.59	1013.57	1013.52
	3	1013.54	1013.55	1013.59	1013.63	1013.66	1013.69	1013.68	1013.70	1013.76	1013.82	1013.90	1013.96	1013.70
	4	1013.99	1013.97	1013.97	1014.00	1014.02	1014.02	1014.02	1014.07	1014.13	1014.12	1014.16	1014.29	1014.06
	5	1014.40	1014.44	1014.44	1014.45	1014.49	1014.55	1014.60	1014.59	1014.58	1014.57	1014.54	1014.53	1014.51
	6	1014.54	1014.55	1014.54	1014.54	1014.52	1014.50	1014.52	1014.58	1014.63	1014.67	1014.69	1014.67	1014.58
	7	1014.65	1014.65	1014.62	1014.60	1014.60	1014.59	1014.54	1014.53	1014.58	1014.60	1014.54	1014.51	1014.58
	8	1014.51	1014.48	1014.42	1014.37	1014.33	1014.31	1014.32	1014.33	1014.32	1014.29	1014.33	1014.39	1014.37
	9	1014.35	1014.29	1014.32	1014.32	1014.29	1014.25	1014.18	1014.11	1014.06	1014.06	1014.08	1014.11	1014.20
	10	1014.12	1014.08	1013.99	1013.86	1013.84	1013.89	1013.85	1013.79	1013.75	1013.70	1013.70	1013.72	1013.86
	11	1013.71	1013.66	1013.60	1013.53	1013.47	1013.38	1013.29	1013.27	1013.24	1013.25	1013.28	1013.28	1013.41
	12	1013.22	1013.16	1013.11	1013.07	1013.03	1012.98	1012.97	1012.98	1012.98	1013.00	1012.99	1012.94	1013.03
	13	1012.93	1012.95	1012.92	1012.93	1012.98	1013.00	1013.07	1013.12	1013.07	1012.99	1013.00	1013.02	1013.00
	14	1013.02	1013.05	1013.03	1012.95	1012.93	1012.92	1012.81	1012.70	1012.66	1012.64	1012.63	1012.62	1012.83
	15	1012.64	1012.67	1012.69	1012.71	1012.72	1012.71	1012.71	1012.69	1012.70	1012.73	1012.69	1012.68	1012.69
	16	1012.71	1012.66	1012.59	1012.60	1012.62	1012.60	1012.53	1012.48	1012.49	1012.48	1012.43	1012.38	1012.55
	17	1012.38	1012.37	1012.35	1012.32	1012.31	1012.34	1012.34	1012.36	1012.41	1012.47	1012.50	1012.43	1012.38
	18	1012.34	1012.34	1012.33	1012.26	1012.15	1012.08	1012.04	1011.90	1011.81	1011.81	1011.81	1011.83	1012.06
	19	1011.86	1011.86	1011.86	1011.86	1011.84	1011.85	1011.87	1011.89	1011.89	1011.89	1011.92	1011.96	1011.88
	20	1012.01	1012.05	1012.05	1012.00	1011.95	1011.94	1011.93	1011.91	1011.90	1011.87	1011.85	1011.80	1011.94
	21	1011.74	1011.71	1011.69	1011.72	1011.75	1011.75	1011.73	1011.71	1011.69	1011.65	1011.62	1011.57	1011.69
	22	1011.49	1011.38	1011.29	1011.22	1011.17	1011.14	1011.12	1011.10	1011.08	1011.09	1011.08	1011.02	1011.18
	23	1010.97	1010.93	1010.87	1010.78	1010.68	1010.63	1010.62	1010.59	1010.58	1010.55	1010.48	1010.42	1010.67
24	0	1010.36	1010.38	1010.36	1010.29	1010.22	1010.16	1010.12	1010.10	1010.06	1010.01	1009.96	1009.88	1010.15
	1	1009.78	1009.65	1009.57	1009.44	1009.31	1009.28	1009.27	1009.26	1009.21	1009.12	1009.12	1009.11	1009.34
	2	1009.05	1009.01	1008.94	1008.86	1008.86	1008.87	1008.86	1008.84	1008.79	1008.75	1008.73	1008.72	1008.85
	3	1008.70	1008.65	1008.60	1008.58	1008.54	1008.46	1008.38	1008.36	1008.32	1008.28	1008.28	1008.25	1008.45
	4	1008.28	1008.30	1008.22	1008.19	1008.23	1008.30	1008.32	1008.28	1008.29	1008.33	1008.38	1008.40	1008.29
	5	1008.33	1008.29	1008.26	1008.28	1008.35	1008.44	1008.51	1008.50	1008.49	1008.46	1008.37	1008.28	1008.38
	6	1008.26	1008.24	1008.20	1008.23	1008.24	1008.19	1008.17	1008.17	1008.17	1008.17	1008.11	1008.01	1008.18
	7	1007.89	1007.78	1007.75	1007.74	1007.71	1007.62	1007.52	1007.49	1007.49	1007.50	1007.50	1007.45	1007.62
	8	1007.39	1007.35	1007.31	1007.25	1007.18	1007.18	1007.21	1007.19	1007.16	1007.13	1007.11	1007.13	1007.21
	9	1007.15	1007.17	1007.15	1007.04	1006.96	1006.93	1006.92	1006.98	1007.06	1007.10	1007.16	1007.28	1007.07
	10	1007.31	1007.26	1007.22	1007.20	1007.22	1007.23	1007.22	1007.19	1007.16	1007.13	1007.13	1007.12	1007.20
	11	1007.05	1007.01	1006.98	1006.97	1006.97	1006.87	1006.70	1006.64	1006.62	1006.52	1006.40	1006.31	1006.75
	12	1006.31	1006.36	1006.35	1006.33	1006.35	1006.38	1006.39	1006.42	1006.45	1006.47	1006.47	1006.48	1006.39
	13	1006.49	1006.51	1006.52	1006.50	1006.50	1006.51	1006.51	1006.58	1006.63	1006.59	1006.56	1006.51	1006.53
	14	1006.49	1006.56	1006.57	1006.46	1006.39	1006.37	1006.36	1006.31	1006.22	1006.16	1006.11	1006.12	1006.34
	15	1006.14	1006.08	1006.02	1006.01	1006.02	1006.01	1005.98	1005.98	1006.00	1005.99	1006.02	1006.05	1006.02
	16	1005.97	1005.93	1005.96	1006.01	1006.02	1006.04	1006.05	1006.06	1006.07	1006.09	1006.10	1006.11	1006.03
	17	1006.12	1006.14	1006.13	1006.09	1006.07	1006.11	1006.17	1006.20	1006.23	1006.25	1006.26	1006.28	1006.17
	18	1006.32	1006.32	1006.34	1006.41	1006.43	1006.45	1006.49	1006.50	1006.47	1006.47	1006.46	1006.49	1006.43
	19	1006.54	1006.59	1006.63	1006.67	1006.73	1006.79	1006.84	1006.89	1006.92	1006.92	1006.89	1006.88	1006.77
	20	1006.90	1006.90	1006.89	1006.92	1006.95	1006.99	1007.02	1007.00	1007.00	1007.02	1007.03	1007.04	1006.97
	21	1007.08	1007.11	1007.14	1007.15	1007.16	1007.19	1007.22	1007.25	1007.29	1007.31	1007.33	1007.35	1007.21
	22	1007.37	1007.40	1007.40	1007.38	1007.36	1007.32	1007.33	1007.38	1007.37	1007.37	1007.37	1007.35	1007.36
	23	1007.34	1007.34	1007.32	1007.27	1007.23	1007.21	1007.19	1007.15	1007.14	1007.16	1007.14	1007.05	1007.21

S.V.I.R.CO. Observatory - Pressure in hectoPascal – July 2010

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
25	0	1006.91	1006.94	1006.95	1006.92	1006.87	1006.86	1006.87	1006.86	1006.84	1006.79	1006.72	1006.67	1006.85
	1	1006.64	1006.63	1006.61	1006.56	1006.55	1006.57	1006.57	1006.53	1006.46	1006.45	1006.46	1006.52	1006.54
	2	1006.60	1006.63	1006.64	1006.65	1006.64	1006.62	1006.53	1006.44	1006.42	1006.38	1006.32	1006.30	1006.51
	3	1006.28	1006.25	1006.31	1006.39	1006.38	1006.34	1006.36	1006.38	1006.35	1006.33	1006.34	1006.32	1006.33
	4	1006.28	1006.25	1006.23	1006.17	1006.15	1006.18	1006.18	1006.18	1006.19	1006.20	1006.19	1006.20	1006.20
	5	1006.22	1006.22	1006.20	1006.21	1006.25	1006.27	1006.28	1006.27	1006.28	1006.29	1006.28	1006.28	1006.25
	6	1006.32	1006.37	1006.42	1006.48	1006.50	1006.51	1006.53	1006.53	1006.51	1006.50	1006.49	1006.47	1006.47
	7	1006.45	1006.42	1006.40	1006.40	1006.42	1006.41	1006.39	1006.38	1006.35	1006.31	1006.28	1006.26	1006.37
	8	1006.22	1006.19	1006.16	1006.12	1006.09	1006.10	1006.10	1006.08	1006.05	1006.02	1006.00	1006.00	1006.09
	9	1005.99	1005.98	1005.97	1005.96	1005.94	1005.92	1005.89	1005.85	1005.81	1005.74	1005.69	1005.64	1005.86
	10	1005.62	1005.59	1005.56	1005.55	1005.54	1005.49	1005.44	1005.43	1005.38	1005.36	1005.33	1005.26	1005.46
	11	1005.25	1005.23	1005.16	1005.12	1005.14	1005.10	1005.03	1005.02	1004.97	1004.90	1004.89	1004.87	1005.06
	12	1004.78	1004.69	1004.64	1004.64	1004.63	1004.60	1004.57	1004.52	1004.49	1004.45	1004.37	1004.27	1004.55
	13	1004.21	1004.17	1004.12	1004.08	1004.03	1003.96	1003.89	1003.86	1003.81	1003.79	1003.84	1003.85	1003.96
	14	1003.83	1003.82	1003.78	1003.73	1003.70	1003.69	1003.66	1003.63	1003.60	1003.56	1003.52	1003.51	1003.67
	15	1003.51	1003.50	1003.48	1003.42	1003.40	1003.39	1003.33	1003.31	1003.30	1003.25	1003.23	1003.22	1003.36
	16	1003.22	1003.23	1003.25	1003.27	1003.27	1003.26	1003.26	1003.26	1003.22	1003.20	1003.21	1003.21	1003.24
	17	1003.23	1003.23	1003.21	1003.19	1003.18	1003.21	1003.28	1003.35	1003.41	1003.47	1003.54	1003.64	1003.33
	18	1003.74	1003.84	1003.93	1004.01	1004.07	1004.13	1004.21	1004.28	1004.30	1004.31	1004.33	1004.36	1004.12
	19	1004.42	1004.47	1004.48	1004.50	1004.54	1004.59	1004.62	1004.64	1004.67	1004.67	1004.67	1004.69	1004.58
	20	1004.71	1004.73	1004.77	1004.82	1004.87	1004.91	1004.96	1005.01	1005.07	1005.13	1005.18	1005.19	1004.94
	21	1005.21	1005.24	1005.29	1005.35	1005.39	1005.42	1005.46	1005.49	1005.49	1005.51	1005.51	1005.49	1005.40
	22	1005.55	1005.59	1005.61	1005.64	1005.65	1005.64	1005.59	1005.55	1005.52	1005.49	1005.49	1005.49	1005.57
	23	1005.50	1005.54	1005.58	1005.58	1005.58	1005.62	1005.66	1005.70	1005.68	1005.64	1005.64	1005.63	1005.61
26	0	1005.60	1005.59	1005.58	1005.55	1005.51	1005.49	1005.47	1005.46	1005.44	1005.45	1005.46	1005.46	1005.50
	1	1005.49	1005.54	1005.60	1005.62	1005.59	1005.57	1005.59	1005.61	1005.63	1005.63	1005.61	1005.58	1005.59
	2	1005.56	1005.56	1005.60	1005.63	1005.64	1005.65	1005.67	1005.67	1005.63	1005.61	1005.63	1005.64	1005.62
	3	1005.65	1005.69	1005.73	1005.76	1005.77	1005.79	1005.81	1005.83	1005.89	1005.93	1005.94	1005.99	1005.81
	4	1006.02	1006.03	1006.05	1006.06	1006.08	1006.10	1006.09	1006.05	1006.04	1006.08	1006.14	1006.18	1006.08
	5	1006.23	1006.27	1006.29	1006.29	1006.31	1006.36	1006.40	1006.43	1006.43	1006.45	1006.53	1006.59	1006.38
	6	1006.58	1006.60	1006.63	1006.66	1006.70	1006.70	1006.69	1006.68	1006.64	1006.60	1006.60	1006.59	1006.64
	7	1006.52	1006.49	1006.50	1006.48	1006.43	1006.43	1006.43	1006.43	1006.45	1006.47	1006.45	1006.39	1006.45
	8	1006.35	1006.34	1006.33	1006.33	1006.35	1006.33	1006.35	1006.41	1006.43	1006.44	1006.46	1006.52	1006.38
	9	1006.58	1006.60	1006.60	1006.59	1006.57	1006.56	1006.57	1006.57	1006.56	1006.53	1006.51	1006.51	1006.56
	10	1006.51	1006.51	1006.48	1006.43	1006.39	1006.37	1006.35	1006.31	1006.29	1006.26	1006.21	1006.18	1006.36
	11	1006.16	1006.15	1006.12	1006.09	1006.04	1006.00	1006.04	1006.07	1006.04	1005.98	1005.93	1005.88	1006.04
	12	1005.87	1005.88	1005.85	1005.81	1005.79	1005.77	1005.76	1005.70	1005.63	1005.60	1005.58	1005.53	1005.73
	13	1005.52	1005.53	1005.49	1005.52	1005.58	1005.62	1005.61	1005.64	1005.73	1005.78	1005.83	1005.85	1005.64
	14	1005.85	1005.84	1005.80	1005.75	1005.67	1005.62	1005.71	1005.81	1005.86	1005.88	1005.88	1005.91	1005.80
	15	1005.89	1005.86	1005.85	1005.81	1005.82	1005.84	1005.86	1005.83	1005.78	1005.80	1005.82	1005.86	1005.83
	16	1005.88	1005.91	1006.00	1006.06	1006.07	1006.12	1006.18	1006.26	1006.27	1006.25	1006.30	1006.39	1006.14
	17	1006.46	1006.52	1006.56	1006.58	1006.63	1006.71	1006.78	1006.84	1006.89	1006.95	1007.02	1007.11	1006.75
	18	1007.20	1007.29	1007.38	1007.45	1007.48	1007.54	1007.60	1007.63	1007.69	1007.76	1007.83	1007.93	1007.56
	19	1008.00	1008.04	1008.10	1008.21	1008.31	1008.37	1008.43	1008.48	1008.53	1008.59	1008.67	1008.74	1008.37
	20	1008.78	1008.79	1008.85	1008.93	1008.99	1009.00	1009.02	1009.05	1009.08	1009.12	1009.17	1009.21	1009.00
	21	1009.26	1009.29	1009.35	1009.40	1009.42	1009.49	1009.57	1009.63	1009.67	1009.72	1009.79	1009.80	1009.53
	22	1009.77	1009.77	1009.80	1009.83	1009.87	1009.90	1009.93	1009.95	1009.93	1009.92	1009.95	1010.00	1009.88
	23	1010.03	1010.01	1010.00	1009.98	1009.96	1009.93	1009.92	1009.93	1009.92	1009.88	1009.81	1009.76	1009.93

S.V.I.R.CO. Observatory - Pressure in hectoPascal – July 2010

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
27	0	1009.69	1009.72	1009.76	1009.77	1009.72	1009.68	1009.67	1009.68	1009.69	1009.71	1009.73	1009.72	1009.71
	1	1009.70	1009.72	1009.77	1009.80	1009.80	1009.80	1009.78	1009.81	1009.89	1009.91	1009.89	1009.90	1009.81
	2	1009.91	1009.90	1009.89	1009.90	1009.95	1010.00	1010.05	1010.11	1010.15	1010.20	1010.26	1010.30	1010.05
	3	1010.34	1010.39	1010.44	1010.48	1010.51	1010.55	1010.59	1010.63	1010.68	1010.70	1010.71	1010.72	1010.56
	4	1010.72	1010.69	1010.68	1010.68	1010.67	1010.69	1010.69	1010.69	1010.73	1010.78	1010.83	1010.88	1010.73
	5	1010.93	1010.99	1011.06	1011.07	1011.06	1011.08	1011.10	1011.12	1011.15	1011.15	1011.17	1011.22	1011.09
	6	1011.25	1011.27	1011.30	1011.33	1011.35	1011.37	1011.40	1011.45	1011.49	1011.52	1011.54	1011.56	1011.40
	7	1011.59	1011.62	1011.63	1011.61	1011.63	1011.66	1011.69	1011.71	1011.75	1011.79	1011.81	1011.86	1011.69
	8	1011.86	1011.83	1011.86	1011.91	1011.93	1011.94	1011.95	1011.98	1012.00	1012.00	1012.03	1012.05	1011.94
	9	1012.04	1012.06	1012.08	1012.07	1012.07	1012.07	1012.03	1011.97	1011.98	1012.01	1011.98	1011.92	1012.02
	10	1011.88	1011.86	1011.86	1011.84	1011.82	1011.78	1011.75	1011.76	1011.76	1011.74	1011.72	1011.71	1011.79
	11	1011.72	1011.71	1011.69	1011.68	1011.68	1011.67	1011.65	1011.64	1011.62	1011.61	1011.58	1011.57	1011.65
	12	1011.56	1011.55	1011.52	1011.51	1011.51	1011.48	1011.46	1011.43	1011.39	1011.38	1011.42	1011.44	1011.47
	13	1011.40	1011.37	1011.37	1011.38	1011.36	1011.33	1011.33	1011.33	1011.35	1011.37	1011.37	1011.38	1011.36
	14	1011.43	1011.45	1011.45	1011.49	1011.51	1011.51	1011.53	1011.54	1011.56	1011.60	1011.60	1011.60	1011.52
	15	1011.59	1011.62	1011.66	1011.69	1011.70	1011.66	1011.65	1011.68	1011.70	1011.72	1011.72	1011.74	1011.67
	16	1011.76	1011.75	1011.82	1011.93	1012.02	1012.05	1012.08	1012.15	1012.19	1012.21	1012.23	1012.29	1012.04
	17	1012.40	1012.49	1012.55	1012.62	1012.66	1012.64	1012.65	1012.70	1012.72	1012.71	1012.73	1012.79	1012.64
	18	1012.80	1012.79	1012.80	1012.82	1012.84	1012.84	1012.84	1012.87	1012.92	1012.95	1012.99	1013.06	1012.87
	19	1013.14	1013.24	1013.34	1013.41	1013.50	1013.59	1013.64	1013.67	1013.75	1013.81	1013.85	1013.87	1013.57
	20	1013.87	1013.89	1013.92	1013.96	1014.02	1014.09	1014.18	1014.23	1014.26	1014.33	1014.41	1014.45	1014.13
	21	1014.47	1014.50	1014.54	1014.57	1014.58	1014.58	1014.60	1014.60	1014.62	1014.71	1014.81	1014.85	1014.62
	22	1014.86	1014.90	1014.91	1014.90	1014.94	1015.02	1015.06	1015.05	1015.08	1015.12	1015.13	1015.13	1015.01
	23	1015.14	1015.18	1015.23	1015.24	1015.24	1015.25	1015.27	1015.28	1015.27	1015.23	1015.21	1015.23	1015.23
28	0	1015.19	1015.18	1015.16	1015.13	1015.11	1015.11	1015.08	1015.05	1015.04	1015.01	1015.00	1015.03	1015.09
	1	1015.04	1015.01	1014.99	1014.97	1014.95	1014.97	1014.98	1014.99	1015.00	1015.00	1014.98	1014.96	1014.98
	2	1014.95	1014.93	1014.93	1014.96	1014.99	1015.00	1015.00	1015.02	1015.06	1015.08	1015.09	1015.09	1015.01
	3	1015.08	1015.08	1015.10	1015.10	1015.11	1015.11	1015.10	1015.12	1015.16	1015.23	1015.32	1015.39	1015.16
	4	1015.46	1015.51	1015.54	1015.55	1015.57	1015.58	1015.59	1015.59	1015.60	1015.63	1015.68	1015.72	1015.58
	5	1015.75	1015.77	1015.78	1015.80	1015.83	1015.87	1015.92	1015.95	1015.98	1016.00	1016.01	1016.03	1015.89
	6	1016.06	1016.10	1016.14	1016.16	1016.20	1016.25	1016.29	1016.31	1016.34	1016.38	1016.42	1016.44	1016.26
	7	1016.44	1016.46	1016.49	1016.51	1016.53	1016.57	1016.59	1016.59	1016.58	1016.59	1016.59	1016.58	1016.54
	8	1016.58	1016.58	1016.55	1016.54	1016.59	1016.61	1016.58	1016.56	1016.57	1016.58	1016.56	1016.53	1016.57
	9	1016.50	1016.49	1016.49	1016.48	1016.46	1016.42	1016.38	1016.36	1016.36	1016.36	1016.33	1016.28	1016.41
	10	1016.25	1016.22	1016.19	1016.15	1016.10	1016.09	1016.04	1015.96	1015.89	1015.84	1015.79	1015.72	1016.02
	11	1015.69	1015.67	1015.66	1015.61	1015.55	1015.53	1015.52	1015.49	1015.51	1015.50	1015.42	1015.33	1015.54
	12	1015.28	1015.25	1015.21	1015.18	1015.16	1015.12	1015.06	1015.05	1015.02	1015.01	1015.01	1014.99	1015.11
	13	1014.94	1014.89	1014.84	1014.83	1014.80	1014.78	1014.83	1014.84	1014.80	1014.81	1014.82	1014.78	1014.83
	14	1014.75	1014.74	1014.73	1014.68	1014.62	1014.58	1014.55	1014.52	1014.52	1014.54	1014.53	1014.47	1014.60
	15	1014.43	1014.41	1014.37	1014.32	1014.30	1014.27	1014.26	1014.24	1014.23	1014.26	1014.28	1014.28	1014.30
	16	1014.26	1014.20	1014.19	1014.18	1014.13	1014.13	1014.12	1014.14	1014.16	1014.18	1014.21	1014.22	1014.17
	17	1014.21	1014.21	1014.21	1014.22	1014.23	1014.23	1014.24	1014.27	1014.30	1014.35	1014.39	1014.42	1014.27
	18	1014.41	1014.40	1014.42	1014.41	1014.39	1014.39	1014.41	1014.46	1014.50	1014.48	1014.46	1014.48	1014.43
	19	1014.51	1014.49	1014.47	1014.49	1014.56	1014.67	1014.78	1014.85	1014.91	1014.94	1014.94	1014.96	1014.71
	20	1014.99	1014.97	1014.95	1014.98	1014.99	1014.98	1014.96	1014.97	1015.02	1015.06	1015.08	1015.08	1015.00
	21	1015.05	1015.02	1015.01	1015.03	1015.03	1015.01	1015.02	1015.05	1015.05	1015.06	1015.06	1015.02	1015.03
	22	1014.98	1014.97	1014.98	1015.00	1015.01	1014.98	1014.94	1014.90	1014.86	1014.82	1014.77	1014.73	1014.91
	23	1014.70	1014.70	1014.68	1014.63	1014.60	1014.60	1014.58	1014.56	1014.52	1014.47	1014.42	1014.37	1014.57

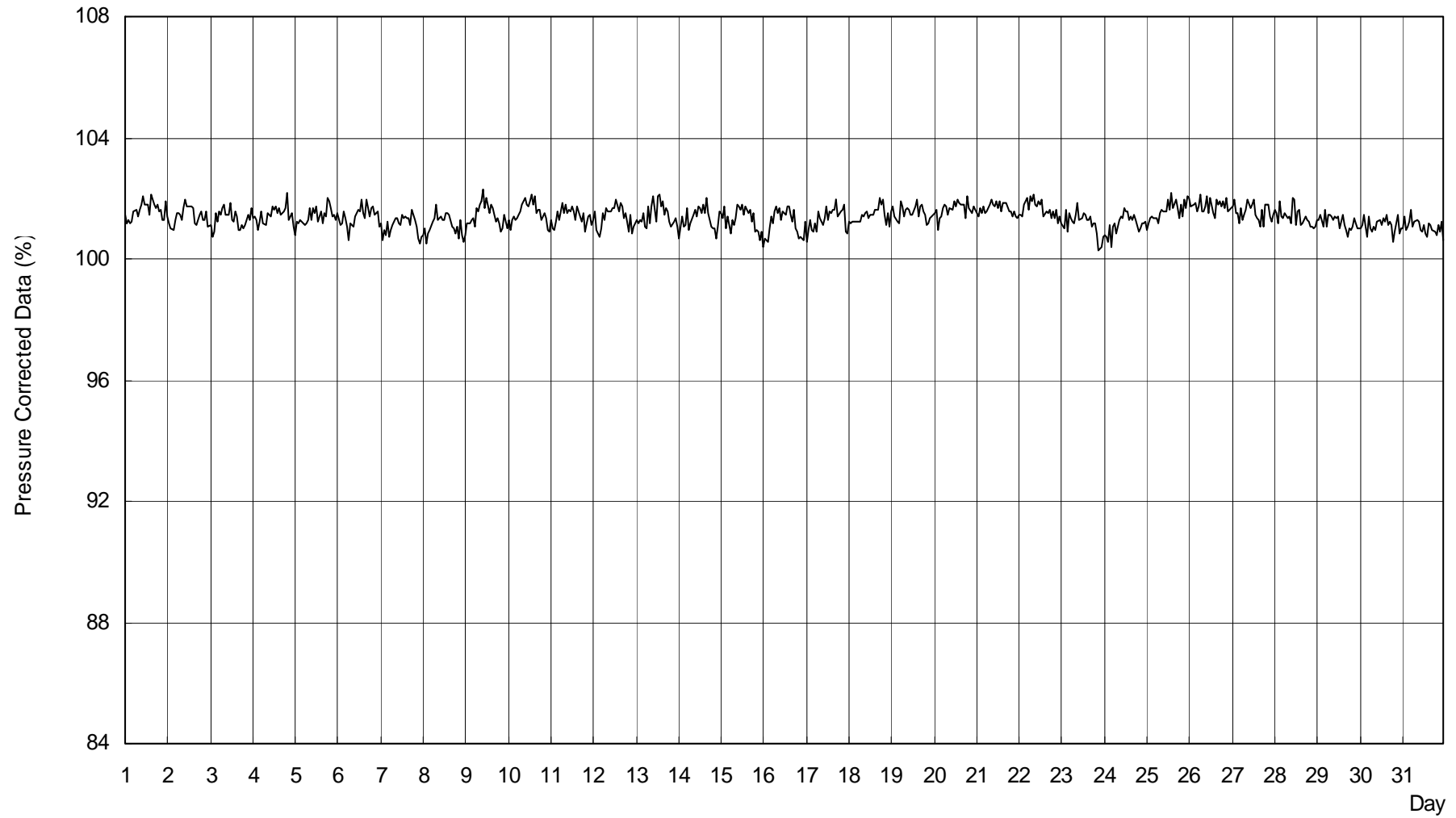
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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1014.30	1014.25	1014.18	1014.14	1014.10	1014.06	1014.03	1014.01	1013.95	1013.94	1013.92	1013.86	1014.05
	1	1013.82	1013.76	1013.71	1013.70	1013.65	1013.55	1013.47	1013.43	1013.40	1013.34	1013.29	1013.24	1013.53
	2	1013.21	1013.20	1013.20	1013.20	1013.17	1013.14	1013.09	1013.02	1012.98	1012.96	1012.93	1012.89	1013.08
	3	1012.86	1012.84	1012.80	1012.77	1012.77	1012.74	1012.71	1012.67	1012.62	1012.58	1012.57	1012.58	1012.71
	4	1012.57	1012.52	1012.48	1012.46	1012.46	1012.47	1012.49	1012.47	1012.41	1012.35	1012.32	1012.31	1012.44
	5	1012.30	1012.29	1012.25	1012.21	1012.17	1012.13	1012.10	1012.10	1012.11	1012.13	1012.13	1012.17	1012.17
	6	1012.22	1012.25	1012.24	1012.23	1012.24	1012.24	1012.22	1012.18	1012.15	1012.12	1012.07	1012.04	1012.18
	7	1012.06	1012.08	1012.06	1012.01	1011.95	1011.87	1011.81	1011.79	1011.74	1011.71	1011.68	1011.68	1011.87
	8	1011.66	1011.63	1011.61	1011.60	1011.62	1011.59	1011.53	1011.46	1011.41	1011.39	1011.37	1011.36	1011.52
	9	1011.35	1011.32	1011.26	1011.21	1011.21	1011.22	1011.25	1011.26	1011.21	1011.17	1011.14	1011.12	1011.22
	10	1011.11	1011.15	1011.25	1011.24	1011.14	1011.11	1011.09	1011.06	1011.05	1011.05	1011.05	1011.06	1011.11
	11	1011.08	1011.06	1011.03	1011.02	1010.95	1010.88	1010.84	1010.83	1010.81	1010.74	1010.74	1010.75	1010.89
	12	1010.72	1010.68	1010.66	1010.64	1010.61	1010.56	1010.50	1010.44	1010.40	1010.42	1010.42	1010.36	1010.53
	13	1010.35	1010.39	1010.38	1010.35	1010.35	1010.33	1010.28	1010.25	1010.24	1010.18	1010.15	1010.10	1010.28
	14	1010.02	1009.95	1009.83	1009.73	1009.72	1009.73	1009.72	1009.68	1009.65	1009.59	1009.49	1009.42	1009.71
	15	1009.32	1009.30	1009.33	1009.29	1009.27	1009.26	1009.23	1009.17	1009.12	1009.10	1009.08	1009.04	1009.21
	16	1008.98	1008.91	1008.88	1008.84	1008.83	1008.82	1008.79	1008.76	1008.68	1008.60	1008.52	1008.45	1008.75
	17	1008.41	1008.39	1008.44	1008.44	1008.41	1008.42	1008.44	1008.44	1008.43	1008.45	1008.40	1008.33	1008.41
	18	1008.28	1008.24	1008.22	1008.23	1008.21	1008.19	1008.21	1008.26	1008.35	1008.43	1008.52	1008.60	1008.31
	19	1008.62	1008.63	1008.70	1008.76	1008.80	1008.85	1008.85	1008.78	1008.77	1008.82	1008.80	1008.75	1008.76
	20	1008.72	1008.75	1008.75	1008.69	1008.63	1008.62	1008.65	1008.65	1008.61	1008.56	1008.53	1008.50	1008.63
	21	1008.53	1008.56	1008.57	1008.65	1008.69	1008.69	1008.71	1008.74	1008.74	1008.70	1008.70	1008.69	1008.66
	22	1008.68	1008.73	1008.79	1008.81	1008.85	1008.89	1008.84	1008.81	1008.75	1008.71	1008.68	1008.65	1008.76
	23	1008.61	1008.51	1008.40	1008.30	1008.24	1008.19	1008.16	1008.17	1008.19	1008.21	1008.22	1008.25	1008.29
30	0	1008.21	1008.18	1008.09	1008.01	1007.94	1007.85	1007.75	1007.63	1007.48	1007.36	1007.28	1007.19	1007.72
	1	1007.08	1006.98	1006.94	1006.96	1006.94	1006.88	1006.80	1006.72	1006.66	1006.60	1006.58	1006.54	1006.80
	2	1006.54	1006.59	1006.59	1006.50	1006.41	1006.39	1006.40	1006.47	1006.51	1006.44	1006.39	1006.42	1006.47
	3	1006.44	1006.42	1006.35	1006.24	1006.14	1006.12	1006.10	1006.04	1006.02	1006.02	1006.04	1006.08	1006.17
	4	1006.13	1006.19	1006.23	1006.27	1006.33	1006.36	1006.35	1006.35	1006.29	1006.17	1006.03	1005.98	1006.22
	5	1006.02	1005.97	1005.89	1005.82	1005.80	1005.81	1005.79	1005.84	1005.87	1005.82	1005.82	1005.88	1005.86
	6	1005.95	1005.89	1005.99	1006.26	1006.34	1006.40	1006.50	1006.57	1006.64	1006.73	1006.77	1006.77	1006.40
	7	1006.78	1006.76	1006.71	1006.68	1006.70	1006.75	1006.75	1006.73	1006.71	1006.68	1006.65	1006.64	1006.71
	8	1006.67	1006.72	1006.77	1006.80	1006.75	1006.72	1006.76	1006.81	1006.83	1006.83	1006.79	1006.75	1006.77
	9	1006.73	1006.74	1006.80	1006.82	1006.74	1006.71	1006.76	1006.83	1006.92	1006.92	1006.95	1006.98	1006.82
	10	1007.01	1007.10	1007.15	1007.20	1007.26	1007.29	1007.28	1007.30	1007.34	1007.39	1007.42	1007.41	1007.26
	11	1007.36	1007.31	1007.24	1007.22	1007.18	1007.11	1007.04	1006.98	1006.99	1007.01	1006.96	1006.85	1007.10
	12	1006.81	1006.87	1006.90	1006.87	1006.82	1006.78	1006.76	1006.78	1006.79	1006.80	1006.78	1006.73	1006.81
	13	1006.72	1006.71	1006.73	1006.78	1006.90	1006.96	1006.95	1006.99	1007.02	1007.10	1007.26	1007.40	1006.96
	14	1007.46	1007.42	1007.40	1007.32	1007.23	1007.22	1007.22	1007.17	1007.13	1007.11	1007.14	1007.15	1007.24
	15	1007.13	1007.13	1007.13	1007.18	1007.22	1007.18	1007.16	1007.15	1007.12	1007.05	1007.05	1007.05	1007.13
	16	1006.96	1006.89	1006.95	1006.97	1006.92	1006.90	1006.89	1006.89	1006.95	1007.14	1007.25	1007.24	1006.99
	17	1007.23	1007.15	1007.03	1006.94	1006.94	1006.94	1007.01	1007.23	1007.40	1007.34	1007.64	1008.19	1007.25
	18	1008.46	1008.76	1008.91	1008.68	1008.53	1008.70	1008.73	1008.77	1008.92	1008.95	1008.93	1009.03	1008.78
	19	1009.34	1009.66	1009.82	1009.88	1009.82	1009.72	1009.69	1009.69	1009.67	1009.63	1009.48	1009.25	1009.64
	20	1009.08	1008.94	1008.74	1008.39	1007.93	1007.47	1007.07	1007.02	1007.19	1007.25	1007.30	1007.54	1007.82
	21	1007.91	1008.20	1008.38	1008.40	1008.34	1008.32	1008.28	1008.27	1008.28	1008.26	1008.23	1008.25	1008.26
	22	1008.29	1008.33	1008.43	1008.54	1008.62	1008.68	1008.72	1008.77	1008.77	1008.78	1008.80	1008.84	1008.63
	23	1008.90	1008.97	1009.01	1009.00	1008.98	1008.95	1008.96	1008.98	1008.93	1008.90	1008.94	1008.96	1008.95

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
31	0	1008.94	1008.92	1008.89	1008.86	1008.80	1008.68	1008.53	1008.42	1008.36	1008.30	1008.23	1008.25	1008.58
	1	1008.34	1008.42	1008.52	1008.60	1008.64	1008.63	1008.61	1008.62	1008.65	1008.68	1008.71	1008.71	1008.59
	2	1008.68	1008.66	1008.68	1008.69	1008.65	1008.61	1008.61	1008.59	1008.57	1008.51	1008.46	1008.45	1008.59
	3	1008.46	1008.51	1008.56	1008.59	1008.67	1008.77	1008.84	1008.87	1008.88	1008.94	1008.97	1009.02	1008.75
	4	1009.07	1009.12	1009.21	1009.26	1009.22	1009.18	1009.20	1009.26	1009.28	1009.31	1009.38	1009.49	1009.24
	5	1009.58	1009.60	1009.60	1009.66	1009.71	1009.80	1009.88	1009.92	1009.96	1009.99	1010.08	1010.19	1009.83
	6	1010.26	1010.30	1010.36	1010.38	1010.36	1010.34	1010.34	1010.34	1010.35	1010.39	1010.47	1010.51	1010.36
	7	1010.51	1010.54	1010.56	1010.54	1010.53	1010.54	1010.57	1010.59	1010.59	1010.56	1010.55	1010.58	1010.55
	8	1010.60	1010.60	1010.60	1010.62	1010.65	1010.70	1010.72	1010.73	1010.75	1010.82	1010.93	1011.00	1010.72
	9	1011.01	1011.04	1011.09	1011.12	1011.14	1011.17	1011.21	1011.27	1011.30	1011.33	1011.35	1011.36	1011.20
	10	1011.41	1011.43	1011.39	1011.39	1011.40	1011.40	1011.44	1011.45	1011.42	1011.41	1011.41	1011.39	1011.41
	11	1011.37	1011.33	1011.31	1011.29	1011.23	1011.18	1011.18	1011.20	1011.19	1011.19	1011.24	1011.30	1011.25
	12	1011.32	1011.32	1011.31	1011.30	1011.28	1011.22	1011.18	1011.16	1011.17	1011.16	1011.13	1011.10	1011.22
	13	1011.09	1011.08	1011.05	1011.07	1011.10	1011.11	1011.15	1011.16	1011.13	1011.10	1011.11	1011.15	1011.11
	14	1011.17	1011.10	1011.06	1011.06	1011.03	1010.99	1011.02	1011.04	1011.07	1011.12	1011.12	1011.15	1011.08
	15	1011.15	1011.14	1011.18	1011.20	1011.23	1011.27	1011.26	1011.24	1011.25	1011.27	1011.31	1011.32	1011.23
	16	1011.32	1011.39	1011.45	1011.49	1011.53	1011.56	1011.60	1011.65	1011.69	1011.72	1011.74	1011.76	1011.57
	17	1011.78	1011.79	1011.85	1011.94	1011.98	1012.02	1012.08	1012.14	1012.20	1012.26	1012.31	1012.37	1012.06
	18	1012.41	1012.46	1012.52	1012.57	1012.62	1012.67	1012.72	1012.75	1012.80	1012.85	1012.89	1012.94	1012.68
	19	1013.03	1013.11	1013.15	1013.19	1013.23	1013.28	1013.34	1013.41	1013.47	1013.52	1013.58	1013.64	1013.33
	20	1013.67	1013.68	1013.70	1013.73	1013.76	1013.80	1013.83	1013.85	1013.87	1013.91	1013.95	1013.97	1013.81
	21	1013.99	1014.04	1014.07	1014.11	1014.18	1014.25	1014.27	1014.27	1014.28	1014.29	1014.33	1014.37	1014.20
	22	1014.42	1014.47	1014.52	1014.56	1014.55	1014.57	1014.59	1014.61	1014.63	1014.67	1014.67	1014.64	1014.57
	23	1014.61	1014.62	1014.64	1014.64	1014.64	1014.63	1014.64	1014.66	1014.67	1014.66	1014.62	1014.60	1014.63

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