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**SVIRCO Prompt Report: October 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: October 2010**

**Fabrizio Signoretti and Francesco Re**

*IFSI - INAF, Area di Ricerca Roma - Tor Vergata  
Via del Fosso del Cavaliere, 100 - 00133 Roma, Italy,*

### **Abstract**

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



## SVIRCO OBSERVATORY

During the 1<sup>st</sup> 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 BF<sub>3</sub> 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](mailto:stefano.massetti@ifs-roma.inaf.it)



# S.V.I.R.CO. Observatory

Rome

Italy







INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - October 2010										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
1	0	46968	46545	46835	46396	46603	46803	46637	46881	46539	46621	46314	47000	101.495
	1	46803	46827	46579	46763	46480	46563	46631	47275	46345	46925	46654	46038	101.459
	2	46512	46871	46275	46952	46434	46784	46672	46655	46506	46414	46921	46583	101.404
	3	47248	46672	46824	46666	47362	46450	46882	46405	46792	46114	46646	46075	101.504
	4	47176	46659	46962	46675	45874	46767	46765	47133	46843	46523	46192	46775	101.542
	5	46402	46495	46421	46369	46469	47062	46406	46473	46686	46791	46697	46980	101.344
	6	46403	46601	46453	46588	46787	46395	46108	46976	46844	46687	46447	46979	101.347
	7	46930	47262	47044	47100	46712	47878	46737	46411	46581	46915	46626	46743	102.012
	8	46808	47043	46576	46780	46579	46954	46802	47194	46610	47143	46415	46585	101.750
	9	46410	46648	47138	46787	46921	46912	46968	46843	46885	46599	46387	46153	101.598
	10	46685	47210	46211	47596	46944	46900	46459	46268	46169	46858	47067	46579	101.652
	11	46579	47163	46859	46255	46851	46975	46627	46966	46463	46730	47113	46433	101.664
	12	46806	47262	46162	46354	47049	46655	46954	47576	47202	46201	46852	46842	101.827
	13	46489	47074	46429	46887	46500	46360	46769	46764	46887	46541	46606	46587	101.461
	14	46680	46656	47075	46711	47275	46817	46614	46887	46942	46473	46855	47343	101.902
	15	46543	47057	46563	46385	47018	46042	47180	47550	46550	46699	46640	46718	101.651
	16	46953	46643	46963	46928	46765	47288	47485	46235	47248	46565	46710	46579	101.908
	17	46368	46665	46773	46891	46055	46765	46828	46420	47078	46794	46253	46320	101.337
	18	46416	46768	45739	46419	47380	47051	45898	46516	47084	46530	46862	46300	101.292
	19	46198	46408	46964	46988	46827	46361	46763	46298	46455	47325	46270	46418	101.348
	20	46392	46501	46842	46173	46493	47044	46585	46307	46216	46173	45952	46526	100.974
	21	45775	46711	46295	46472	45624	46039	46738	46349	46458	46186	47247	46679	100.859
	22	46547	45551	46618	46815	46781	47185	46311	47045	46114	46318	46662	46780	101.249
	23	47099	46392	46719	46679	47307	46461	46491	46646	46204	46239	46439	45853	101.214
2	0	46743	46504	46389	46310	46179	46323	46435	46247	46386	46852	46828	46680	101.094
	1	46529	46304	46722	46497	46528	46644	47070	46962	46065	45881	46763	47223	101.333
	2	46485	46820	46816	46556	46757	46196	46569	47294	46404	46370	46311	47113	101.424
	3	46128	46646	46859	47823	46641	46382	46938	46910	46477	47033	46738	46572	101.688
	4	46523	46451	46113	46619	46743	46497	46508	47163	46329	46579	46299	46671	101.207
	5	47016	46871	46643	46576	46559	46480	46010	46464	46657	46597	46715	46935	101.393
	6	46809	46920	47038	46142	46789	46785	46492	46460	46788	46116	46749	47233	101.538
	7	46475	46831	46766	47442	46605	47377	46625	46200	47060	46624	46761	46430	101.697
	8	46928	46478	46294	46415	46725	46309	46943	46507	46557	47147	47244	47017	101.582
	9	46740	46252	47326	46567	46628	46602	46594	46945	46306	46607	46837	46326	101.431
	10	46608	47193	46840	46300	47452	47032	46752	46494	46347	46586	47363	46128	101.679
	11	46889	46687	46719	47268	46619	46691	46572	46621	47225	46766	46596	46726	101.730
	12	46726	47220	46725	46948	46983	47145	46474	46163	46589	46738	46773	46142	101.593
	13	47289	46470	46984	47106	46550	46832	46387	46328	46889	47360	46913	46527	101.776
	14	46964	46785	45846	46599	46898	46531	46495	46829	46760	46462	47567	46297	101.486
	15	46893	46766	47209	46297	46602	46376	47190	47051	46635	47169	46630	46000	101.628
	16	45877	46730	46356	46542	46581	46589	46616	46899	46552	46344	46585	46394	101.129
	17	46757	47150	46126	46377	46729	47058	46637	46226	46078	46361	46767	46733	101.299
	18	46360	46227	46505	47040	46473	46981	46755	46726	46478	46741	46877	46598	101.437
	19	46332	46589	46644	46778	46759	46515	46580	47165	46662	46565	46430	46659	101.422
	20	46200	47192	45995	46893	46485	46500	47548	47307	47249	47108	46228	46464	101.692
	21	47005	47253	47052	46738	47028	46465	46809	46105	46439	46596	46826	46728	101.670
	22	46168	46970	47015	46751	46251	46259	46578	47106	46673	46467	46730	46937	101.463
	23	47117	47166	46049	46799	47039	47005	46859	46518	47023	46632	46896	47228	101.903

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2010											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	46265	46457	46686	47747	47455	46581	46700	46888	46120	46817	46587	46585	101.636
	1	46507	46759	46044	46782	46342	46046	46512	46657	47182	46740	46130	46619	101.175
	2	46865	46718	46856	46838	46456	47062	46636	46670	46814	46053	46585	46622	101.512
	3	46543	46776	47056	46276	46864	46411	47149	47387	46555	46773	46540	46310	101.596
	4	46984	47358	46892	46745	47587	46963	45900	46355	47246	47058	46611	46097	101.806
	5	46202	46677	46640	46708	47152	46245	47172	47083	47198	46506	46734	46978	101.715
	6	47023	46236	46620	47355	47104	46560	46355	46685	46976	46785	47082	47114	101.823
	7	47068	46476	46653	46785	46762	46295	47418	47074	46482	47172	46755	46605	101.760
	8	46475	46876	47160	46755	47082	46695	46729	47581	46329	46902	46919	46735	101.886
	9	46518	46704	46056	47262	46650	46074	46616	46817	47021	46571	46742	46594	101.412
	10	47100	46393	46538	46533	46890	46772	47141	46329	46884	46598	46468	46898	101.579
	11	46436	46908	46086	46840	46470	46272	46699	46170	46606	46698	47516	46488	101.333
	12	46333	46199	46573	46464	47096	46824	46199	46460	46906	46667	46619	46330	101.240
	13	46185	47164	47013	46631	47035	46860	46627	46688	46130	46616	46450	46293	101.424
	14	47034	47260	46564	46499	45987	46821	46631	46784	46277	46262	46971	46349	101.379
	15	46721	46776	46878	46663	46201	46128	47274	46936	46985	47174	46830	46453	101.664
	16	46354	46562	47257	46220	47615	46923	46342	46230	46786	46915	47127	47098	101.739
	17	46950	46997	47055	46248	47099	46699	46723	47074	47412	46850	46179	46867	101.870
	18	46960	46954	46938	46447	47149	46875	46853	46729	46457	46850	46863	46515	101.768
	19	46980	47142	46581	46974	46699	47115	46880	46333	46758	46739	47230	46978	101.916
	20	46543	47142	47016	46881	47020	46397	46644	46608	46811	46594	46578	47282	101.755
	21	46628	47303	47133	46624	46737	46407	46734	47334	46505	46386	47064	46800	101.780
	22	47296	46585	46750	46664	46523	47117	46707	46948	46384	46411	46684	46444	101.573
	23	46633	46896	46199	46498	46650	47032	47134	46821	46640	46919	47073	46739	101.704
4	0	46627	45884	46663	47211	47075	46818	47047	47115	46992	46689	46757	47293	101.867
	1	46863	46706	46742	46440	47152	46559	47258	46377	46214	47078	47136	46774	101.715
	2	47109	46413	46056	46298	46769	46977	47203	46305	46761	47119	46397	46359	101.438
	3	46468	47003	46797	47094	46572	47003	46877	46266	47783	46561	47368	46531	101.901
	4	46971	46531	47147	47354	46522	47144	47015	46363	46836	46957	46232	46654	101.793
	5	46599	46367	46763	46211	46504	46748	47326	46472	46703	46873	47047	46729	101.542
	6	47327	47375	46983	47214	47045	46257	46743	46480	46670	46988	47350	46798	102.065
	7	46518	46600	46935	46689	47113	46670	47241	47171	46551	46656	46916	46609	101.783
	8	47294	46968	46663	46995	46474	47381	46937	46700	46572	46490	47208	46939	101.955
	9	46532	46328	47125	46894	46858	47010	46743	46972	46863	46745	46675	46780	101.757
	10	47100	46609	46383	47049	46945	46500	46683	46395	47318	46495	46813	47338	101.775
	11	47038	47201	46859	47355	46881	47128	46380	46986	47059	46839	46526	46786	102.031
	12	47149	46531	46477	47110	46532	46885	46853	47137	47510	47037	46580	46852	101.961
	13	47072	46716	47111	46735	46836	46765	47074	46710	46607	47206	46391	47239	101.926
	14	47128	46784	46883	46694	46668	46559	46715	46676	46926	46669	46146	46535	101.549
	15	46909	46816	46490	46732	47671	46436	46215	46612	46483	46136	46616	46616	101.431
	16	46535	46971	46580	47203	46919	46725	46636	47128	46946	46624	46630	46458	101.726
	17	47335	46547	46751	47471	46742	47118	47420	46348	47090	46383	46894	46798	102.005
	18	46755	46650	46716	46984	46813	46673	46228	46975	47153	46857	47269	47076	101.869
	19	47243	46628	46159	46489	46587	46879	46899	46213	46666	46309	46647	47160	101.458
	20	46576	46518	46732	46758	46990	46431	46211	47584	46202	47173	46664	46378	101.519
	21	46492	46943	47246	46434	47034	46815	46855	46922	46383	46844	46857	47025	101.816
	22	46590	46685	46815	46670	47158	46715	46573	46618	46692	46906	46634	46773	101.631
	23	46370	46562	46731	46676	47336	46439	47341	46623	46543	46888	46948	46749	101.699

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2010											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
5	0	46955	46555	46272	46688	46771	47266	46436	46594	46876	46675	47080	46826	101.657
	1	46769	47275	46592	46145	46169	46478	46195	46713	47038	46693	46877	46633	101.403
	2	46365	46308	46587	46846	46829	46672	46308	46496	47105	46627	46812	46697	101.417
	3	46690	47369	46215	46112	46627	46632	46750	46442	47008	46698	46731	47005	101.530
	4	47257	46278	46617	46671	47215	46670	46471	47256	46741	47117	47209	46401	101.825
	5	46929	46839	47138	46630	46829	46525	46958	46225	46800	46758	46560	47823	101.845
	6	46395	46710	46656	46550	46649	46368	47212	47128	46811	46634	46653	47098	101.636
	7	46858	47168	46859	46294	47124	46998	46879	46958	46631	47317	47077	46763	102.010
	8	46545	46609	46728	47396	47251	47013	47593	47023	46809	47143	47345	46873	102.264
	9	46604	47458	47222	46651	46843	46593	46752	46645	47105	46499	46798	46941	101.862
	10	47025	46861	47770	46640	46951	46665	47027	47364	47511	47133	47019	47146	102.406
	11	46662	46686	47099	47069	47321	46511	47032	46748	47603	47122	46675	46771	102.078
	12	46810	46268	47023	47010	46884	46626	46986	47037	46475	47043	47007	47444	101.953
	13	46704	47207	46709	46536	47084	47146	46270	47447	46640	46756	46633	46613	101.796
	14	46708	47207	46402	46589	47286	47455	46428	46774	46870	46966	47236	47159	102.038
	15	46593	46471	46672	46555	46684	46390	46699	46459	46779	46629	47348	45952	101.340
	16	46384	46260	46928	47360	46661	47076	46318	46932	46473	46853	46684	46871	101.625
	17	46801	46561	46535	46119	46815	46271	46604	46372	46573	46477	47015	46387	101.213
	18	45972	46864	46347	46368	46229	46417	46067	46448	45962	46325	46149	45862	100.576
	19	46301	46494	46398	46597	46710	46483	46353	46721	46368	46680	46744	47201	101.307
	20	46606	46756	45976	46692	45971	46824	45781	45862	45204	45999	46812	45994	100.479
	21	46311	46026	46500	45990	46275	46495	46049	45779	46243	46263	46700	46044	100.515
	22	46469	45957	45905	46139	46387	46410	46134	46639	46254	45947	46510	46278	100.579
	23	46184	45859	46336	46410	46369	45796	46524	46066	45535	46722	46073	46372	100.437
6	0	46256	46409	46190	46376	46443	46403	46575	46603	46179	45797	45903	45807	100.557
	1	46446	46064	46355	46367	46423	46587	45940	46448	46455	46414	46514	46469	100.842
	2	46388	46831	46210	46469	45917	46506	46543	46842	46579	46443	46114	45957	100.900
	3	46526	46475	46829	46813	47324	47101	45964	46415	46429	46235	45803	46420	101.178
	4	46768	46595	46819	46603	46846	46529	46691	46309	46386	46263	46607	46519	101.287
	5	47025	46505	46260	46053	46041	46508	46625	45613	46338	45983	46330	46388	100.695
	6	46654	46859	46684	46456	46609	46982	46053	47058	46528	46400	46268	46931	101.386
	7	46977	46914	46606	46481	46519	46811	46498	46705	46754	46988	46477	46959	101.605
	8	46346	46768	47052	46778	47439	46443	46725	47042	46481	46769	46567	47352	101.799
	9	46762	46165	46189	46704	47537	46624	46858	47220	46421	46581	46364	46819	101.524
	10	46395	46991	46812	46891	46521	46530	46684	46579	46560	46351	46725	46483	101.393
	11	46627	46213	46167	46559	46679	47049	47021	46283	46671	46383	46361	46710	101.249
	12	46837	46715	46652	45999	46427	46298	47018	47016	46176	46336	46411	47006	101.279
	13	46707	46887	46454	46214	45889	46786	46108	47195	46310	46236	46827	46639	101.163
	14	45920	46812	46582	46848	46588	46658	46568	46597	46167	46570	46902	46854	101.311
	15	46822	46891	46735	46807	46553	46069	46799	46667	46030	46498	46283	46526	101.241
	16	46493	46856	46114	45747	46226	46210	46337	46537	45954	46879	46613	45928	100.736
	17	46880	46914	46758	46991	46584	45561	46826	46001	46285	47382	46543	46642	101.365
	18	46410	45992	46513	46534	46674	46841	46131	46682	46639	46460	46665	46226	101.075
	19	46931	46700	46397	46571	46277	46628	46402	46353	46000	46352	46311	46496	101.013
	20	46304	46496	46927	46228	46599	46576	46916	46379	45833	46553	46385	46583	101.077
	21	46356	46563	46182	46708	46822	46440	46062	46507	46725	46789	46258	46173	101.042
	22	47331	45847	46798	45856	46462	46972	46686	46129	46884	47131	46688	46511	101.352
	23	46852	45979	46340	45721	46733	46547	46027	47010	46668	46942	46320	46405	101.035

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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
7	0	46524	46358	46107	46627	45810	46442	46377	47302	46473	45869	46303	46642	100.911
	1	46324	46185	46704	46363	46589	46083	46116	46572	45715	46843	45857	46884	100.797
	2	46859	46376	46571	46664	46712	46540	46446	46499	46148	45360	46471	46638	100.988
	3	46474	46772	46719	46745	46783	46843	46555	46349	46967	46285	46874	46628	101.479
	4	47371	46536	46748	46384	47001	46259	46346	46052	46281	46076	46133	46231	101.012
	5	46500	46389	46466	46737	47212	46978	46729	46271	46360	46771	46707	46677	101.443
	6	46629	46634	46890	47211	46557	45565	46557	46269	46717	46245	46494	46210	101.114
	7	46744	46402	47139	46652	46546	45563	46052	46073	46872	46037	46710	47155	101.108
	8	46915	47112	46614	46457	47364	46752	46291	47015	46315	46854	46340	47163	101.696
	9	47934	46601	46675	46424	46345	46307	47141	46239	46787	46294	46114	46373	101.341
	10	46781	46170	47141	46912	46740	46982	46931	46293	46712	46741	46619	47094	101.682
	11	46548	46482	46667	46658	46125	47112	46350	46812	46610	46434	46153	46631	101.223
	12	46543	46577	46757	46950	46922	46654	46589	46049	46261	47165	46770	46584	101.448
	13	46011	46782	46415	46328	46224	46425	46659	46868	46439	46621	46650	46630	101.127
	14	46134	46236	46696	46268	46809	46448	46828	47231	46529	46625	46287	46363	101.200
	15	46166	46982	46592	46370	47010	46980	46686	46923	45940	46682	46197	46760	101.351
	16	47269	46269	46215	46427	46554	46927	47035	46310	46193	46853	46058	46165	101.167
	17	46516	46772	46136	46395	46288	46000	45960	46587	46714	47100	46401	46491	101.002
	18	45957	47133	46537	45760	46531	46579	46391	46853	46290	46520	46974	46486	101.119
	19	45620	46807	45938	46431	45901	46559	46378	45907	46041	46180	46443	46645	100.546
	20	46192	46426	46090	46522	46679	46447	46456	46260	46142	46104	46392	46302	100.757
	21	47047	46928	45766	46282	46023	46949	46287	46341	46521	47186	45727	46338	101.008
	22	46036	46712	46913	46116	46468	45913	47226	46178	46754	46318	46193	46927	101.073
	23	46210	46719	46007	46678	46481	46542	46990	46363	46932	46299	46433	46319	101.113
8	0	46214	46985	46430	45997	46823	46817	46582	46989	46925	46533	47118	46442	101.453
	1	46774	46258	46292	47096	46610	46495	46771	46618	46647	46523	46408	46857	101.362
	2	46276	46535	46371	46506	46507	46370	46572	46635	46260	46704	46441	46629	101.083
	3	46357	46281	47097	46610	45964	46182	46292	47115	46340	46044	46757	46256	100.990
	4	46299	46054	46417	47069	46778	46841	46947	46235	46131	46761	46455	47399	101.369
	5	46500	46765	46487	46219	47016	46119	46777	46636	46891	46536	46806	46852	101.408
	6	46827	47404	46448	46887	46382	46291	46641	47100	46650	46121	47228	46971	101.652
	7	46268	46566	46563	46605	46453	47529	46252	46191	46327	46718	46066	46222	101.074
	8	46395	46764	46815	45706	46428	46726	46510	46706	46215	46505	46861	46677	101.173
	9	46552	46440	47017	46657	46771	46859	46982	46497	46637	45953	46325	46156	101.271
	10	46915	46619	46612	47226	46358	46484	47001	46596	46428	46119	47151	46244	101.435
	11	46979	45986	46832	46657	46569	46871	46382	46796	46617	46977	46552	46894	101.501
	12	47312	46720	46962	46492	46765	46498	46887	47007	46279	46327	46640	46584	101.566
	13	46226	47166	46587	46821	46808	46899	46849	46973	46452	46454	46365	46271	101.456
	14	47703	46679	46183	46313	46613	46087	46356	46978	47332	46689	46655	47080	101.601
	15	46861	46880	45889	46591	46539	46668	46381	47048	46921	46591	47109	46171	101.416
	16	46853	47185	46602	46420	46184	46321	46087	46688	47037	45987	46843	46906	101.320
	17	46653	46413	46477	46322	46728	46721	46366	46307	47050	46608	46698	47128	101.384
	18	46904	46518	46664	46973	45948	47189	46204	47420	46542	47156	46525	47224	101.709
	19	46628	47102	46907	46787	46926	46989	46943	46699	46706	47407	46571	46556	101.882
	20	46603	46777	46106	46411	46768	46766	46749	46114	46376	46085	46101	46911	101.076
	21	46606	46193	46143	46722	46685	45840	46010	46797	46923	46582	46137	46651	100.988
	22	46920	45980	47146	46858	46631	45955	46388	46438	46223	46360	46028	46443	101.003
	23	46706	46234	46562	46196	46785	46417	46861	46297	46799	46503	47030	46514	101.281

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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
9	0	46516	45863	46805	46386	47003	46130	46712	46119	46915	46254	46766	45950	101.011
	1	46661	46914	46404	46498	46503	46493	46655	46266	46508	46162	46843	45464	101.003
	2	46570	47232	45977	46192	46599	46441	46524	46790	46139	46492	46599	46373	101.104
	3	46467	46219	47248	47364	47010	46150	47190	46839	46748	46174	46735	46635	101.621
	4	46799	46796	46658	46732	46834	46774	46913	46465	46329	46834	46479	46558	101.511
	5	46970	46485	46676	46339	46435	46894	47128	47430	46902	46933	46654	46618	101.745
	6	46940	46619	46695	47125	47323	46758	46704	46935	46477	47070	46079	46359	101.677
	7	47099	46381	46820	46651	46645	46315	46384	46720	47238	46897	46981	46401	101.576
	8	46719	47401	46572	46409	46886	46652	46324	47154	46952	47226	46725	46740	101.799
	9	46898	46402	47038	46711	46291	46415	46558	46631	46759	47779	46306	46625	101.555
	10	47292	46970	46817	46358	47168	46187	47305	46674	46941	47430	46695	47316	102.051
	11	47555	47231	46670	46242	47011	47045	46718	47076	46273	47386	47193	46846	102.068
	12	47148	46729	46587	46985	47162	47054	46938	47113	47012	46540	47856	46458	102.129
	13	46532	47108	47131	46350	46828	47662	46376	47289	47219	46904	46806	46826	102.030
	14	46738	46804	46988	46677	46236	47274	47580	46657	47097	46477	47088	46293	101.826
	15	46520	47135	46458	47032	46513	46947	47455	47190	46914	46235	47325	46810	101.939
	16	46793	47487	46674	47614	46786	46798	46568	46926	46737	46375	46938	46962	101.961
	17	46389	46317	47583	46893	46395	46610	46521	47067	47212	46523	46642	46598	101.616
	18	46749	46962	47059	46089	46910	46765	46886	46957	46987	46681	47282	46712	101.849
	19	46977	47148	46681	46165	46705	46724	46780	46796	46602	46946	46584	46905	101.663
	20	46665	47538	46767	46809	46773	47111	46165	47044	46790	45703	46232	46571	101.510
	21	46948	46582	47015	47149	47665	46705	47582	46636	47302	46342	46821	46866	102.135
	22	46659	46730	47301	46621	46358	46457	47255	46632	46817	46401	46863	46381	101.566
	23	47250	46925	46592	47294	46647	47232	46029	46758	46995	46697	46517	46649	101.767
10	0	46829	46946	46953	46909	46441	46133	46403	47205	46367	46854	47154	47030	101.694
	1	46738	46878	46737	46799	46718	46806	46974	46285	47482	46558	46553	46632	101.690
	2	46616	46417	46499	46740	46743	46023	46490	47342	46336	47461	46986	47311	101.656
	3	47175	47017	47526	46456	46714	47186	47532	46298	46740	46669	46311	47139	101.980
	4	46684	46989	46451	47032	46692	46344	47219	47160	46938	46920	46600	46309	101.722
	5	46684	47226	46695	47369	46826	47057	46880	46559	46931	46590	46746	46623	101.876
	6	46914	46659	46603	46561	47258	46393	47166	47213	47059	46703	46779	46595	101.825
	7	47339	46848	46991	47202	47054	47562	46718	46980	47623	46748	46264	47006	102.265
	8	46966	46700	46650	47376	47738	47063	46755	46791	47638	47653	47389	47199	102.553
	9	46947	46707	47392	46957	46596	46558	46924	46667	46974	47140	47389	46470	101.973
	10	47008	47123	47088	47046	46255	46569	47726	46458	47569	46814	47044	47293	102.203
	11	47162	47763	46842	46516	47545	47093	47062	47329	46999	46897	47464	47149	102.535
	12	47179	47279	47477	47740	46997	47193	47271	47083	46629	47184	46982	46598	102.496
	13	47688	46969	46797	47147	47022	47145	46740	47058	47022	47071	46808	47203	102.326
	14	46941	46777	46896	47296	46948	46927	47135	47611	46788	47146	47554	46957	102.382
	15	46293	47264	47319	47484	47156	47065	47163	47116	46613	47084	47301	46833	102.330
	16	46755	47007	47346	46707	46777	47326	46700	47021	47457	46898	46982	46702	102.146
	17	47528	46744	46893	46590	46970	47636	46905	46796	46827	46877	46195	46620	101.948
	18	47386	47107	46855	47049	46758	46854	47283	46768	46804	47121	47375	46752	102.225
	19	46946	46762	46868	46789	46959	46679	46818	47374	46470	46899	46711	47119	101.914
	20	47198	46611	47148	46854	47126	46971	46839	46780	47375	46179	46512	46700	101.895
	21	46492	46782	46840	47287	46598	47236	46895	47148	46785	46799	46846	46892	101.952
	22	46361	47370	46399	46418	46868	46717	46676	46885	46730	46872	46577	46933	101.626
	23	46639	47077	46970	47063	46777	46577	47309	46923	46778	47384	47262	47350	102.225

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2010											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
11	0	46915	46501	46593	47496	46813	46602	46712	46678	46675	47351	46784	46719	101.807
	1	46903	46681	47036	47210	46529	46686	47025	46956	47296	46723	46513	46049	101.771
	2	46993	46466	46610	46833	46898	47091	47180	46998	47368	46774	46248	47711	102.055
	3	47142	47446	46769	46837	47365	46761	46921	46630	47345	46756	46960	46231	102.053
	4	46672	46565	47268	46784	47568	46789	46616	47631	46989	47252	46647	46708	102.112
	5	46592	46949	46679	46741	46529	46780	47049	46586	46154	46906	46753	46688	101.553
	6	46819	46387	47043	46500	46387	47143	46415	46905	46602	47237	46373	46502	101.537
	7	46439	46832	46525	46813	46788	46878	47021	46880	46706	47309	46175	47022	101.731
	8	46755	47053	47617	46614	47009	46411	46882	46901	46903	47068	46525	46647	101.912
	9	46397	46660	46772	47114	47166	46969	47095	47174	46682	47050	46508	46595	101.875
	10	46846	46785	46893	46176	46693	46978	46719	46792	46642	46047	46910	46252	101.432
	11	47280	47017	46615	46914	46462	47056	47340	46508	46875	46857	46652	46665	101.886
	12	46974	47556	46958	46478	46930	46962	46792	46689	46542	46739	46894	46838	101.906
	13	46709	47404	47196	46723	46602	46902	47025	46684	47243	47182	47298	46951	102.190
	14	47220	46675	47701	47318	47078	47030	46834	46771	47599	46603	47183	46973	102.383
	15	47219	47006	46899	47401	46755	47147	47587	47317	47164	46700	46751	47710	102.505
	16	46590	47039	47130	46985	47527	47188	46875	46755	47487	47181	47405	47516	102.509
	17	47079	46694	47138	47385	46613	47702	47201	47176	47466	47369	47188	46909	102.552
	18	47255	46922	47170	47423	47208	46936	46697	46955	47347	47259	47225	47214	102.497
	19	47016	47363	47173	47791	46409	47118	47288	47466	46712	47440	47446	47116	102.628
	20	47011	46568	46655	47078	46749	46517	47403	46897	47275	47357	46862	47270	102.140
	21	47293	47016	46993	46448	47519	47126	46178	46906	46674	47093	46830	47151	102.065
	22	47077	46251	47004	46738	46772	47340	47233	46846	46887	46977	46754	46748	101.956
	23	46706	47075	46734	46521	46505	46862	47056	46634	47172	46876	47420	47113	101.965
12	0	47451	46857	47001	46892	47194	47340	47142	46764	47375	47058	46541	46719	102.269
	1	47080	47086	47510	46905	46658	46749	47243	46695	47561	46794	46536	47054	102.181
	2	47174	47064	46769	46707	46611	46939	46899	47079	47481	46436	46225	47357	101.976
	3	46764	47051	47197	46914	46620	47095	46563	46679	47062	47159	46837	47046	102.021
	4	47011	46876	46269	46630	46554	46631	46475	47148	46796	46726	47220	46545	101.640
	5	46679	46779	47121	46955	46053	46657	46797	46216	46478	46570	47243	46620	101.511
	6	46378	46382	47095	46390	46661	47167	46173	46391	46532	46011	46712	46692	101.223
	7	47215	46627	46198	46568	46859	46756	46900	47116	46847	46287	47113	46537	101.665
	8	47053	47033	47169	46939	46931	46586	47096	46261	46545	47434	46612	46631	101.895
	9	46812	46539	46543	46350	46624	46887	46350	46872	46927	46807	46490	47090	101.533
	10	46676	46707	46832	46523	47241	46586	46616	46698	46957	46667	47346	46880	101.794
	11	46428	47160	46303	47206	46908	46510	46169	46799	46455	46640	47012	46251	101.451
	12	46391	46955	46891	46767	46107	46795	46985	47140	46692	46629	46681	46914	101.652
	13	46710	46726	46965	46611	46282	46580	46779	46638	46748	47485	46455	46268	101.525
	14	46223	46819	46940	46488	46842	47207	46902	46712	46942	46816	46924	46829	101.778
	15	46456	46627	46744	46774	46637	46478	47060	46488	46626	46816	46751	47510	101.655
	16	46714	46354	46727	46637	46738	46735	46679	46268	46718	47144	46389	46324	101.376
	17	46530	46473	46248	46572	46629	46644	46908	47209	46196	47061	46983	46271	101.430
	18	47151	46628	46111	47083	46818	46924	46992	46499	46760	46836	46667	46552	101.665
	19	46784	46447	46811	47150	46680	46546	47244	46415	46730	46570	46743	47168	101.713
	20	46544	46643	47116	46854	46342	47043	46784	47127	46399	46586	47417	46725	101.766
	21	46799	47358	46906	47093	46138	46784	47034	46363	46946	46528	46655	46977	101.767
	22	46852	46981	46533	46687	46530	46013	47346	47030	46712	46093	46545	46631	101.472
	23	46553	46738	46229	47121	46520	47108	46001	47099	47045	46280	46858	46550	101.498

		S.V.I.R.CO. Observatory - Pressure Corrected Data - October 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
13	0	46693	46330	46546	46528	46580	46527	46174	46438	46673	46340	46120	47192	101.144
	1	46426	46187	46378	46593	46196	46525	46730	46232	46544	46644	46394	46324	100.968
	2	45848	46733	47183	46376	46468	46371	46434	46826	46715	46274	46057	46144	101.014
	3	47098	46516	46661	46694	46208	46748	46075	45667	46280	46811	46337	46041	100.961
	4	46709	46559	46627	46283	46614	46558	46834	46524	46404	46938	46126	46503	101.241
	5	45913	46781	46518	46687	46948	46766	46407	46764	47047	47194	46758	46629	101.554
	6	46939	47551	46400	46762	46675	46734	46530	46448	46501	46762	46763	46759	101.629
	7	46523	46716	47021	46221	46949	46299	46759	47263	45878	45898	46450	46501	101.204
	8	46943	46089	46244	46847	46104	46881	45977	46484	46333	47232	46694	46070	101.099
	9	46145	46014	46051	46471	46397	46070	46650	46479	46650	46252	46815	46832	100.904
	10	46363	46813	46078	46215	46634	46862	45849	46104	46622	46306	46284	46104	100.797
	11	46894	46244	46388	46684	46508	46610	46914	46387	46880	46168	46164	46498	101.179
	12	46847	46459	46840	46666	46933	46564	46659	46391	46479	46873	46215	46253	101.331
	13	46332	46171	46722	46353	46930	46530	46358	46423	46904	46121	46337	46432	101.048
	14	47577	46655	46693	46334	46288	46749	46370	46134	47190	46413	46617	46585	101.408
	15	46970	46074	46018	46908	46296	46481	46844	46530	47675	46917	46665	47206	101.585
	16	46347	46579	46617	46920	47086	46398	46385	46098	46857	46751	46402	46734	101.331
	17	45863	46502	46644	46251	46343	46637	47151	46463	46932	46414	46474	46229	101.100
	18	47099	46198	46777	46438	46840	46439	46239	46838	46260	45846	46168	46171	100.994
	19	46667	46718	46068	46392	46443	46779	46258	46466	46453	46627	46226	46245	100.998
	20	45967	46076	46350	46774	46927	47043	46519	47014	46655	46877	46792	47045	101.487
	21	46838	46575	46732	46592	46619	46869	46897	46582	46241	46463	47204	46749	101.545
	22	46163	46289	46129	47069	46596	46318	46207	46749	46294	46051	46855	46314	100.942
	23	46695	46869	46630	46749	46040	46318	46105	46114	46371	46103	46830	46673	101.027
14	0	46271	46202	46187	46848	46184	46749	46389	46678	45931	45363	46823	45710	100.637
	1	46044	46617	45746	45962	45869	46390	46951	46245	45924	46380	46144	45943	100.432
	2	46407	46404	46827	46299	46059	45999	46583	46773	46166	46258	45881	46407	100.766
	3	45945	46532	46415	46697	46580	46880	45585	46524	46078	46198	45842	46446	100.705
	4	46152	47144	47125	46367	46762	45806	46063	46960	46224	46245	47414	46355	101.229
	5	46632	46701	46784	46508	46595	47105	46677	46624	46608	47269	46013	46308	101.448
	6	46571	46495	46308	46925	45966	46631	46355	46624	46831	46632	47409	46726	101.384
	7	46760	47068	46718	46522	46483	46805	46596	46527	46844	46700	46920	46878	101.629
	8	46423	46073	46028	46710	47078	47002	47093	46666	46416	46657	46183	46691	101.302
	9	46007	46312	46904	46176	46837	46070	46233	46548	46399	46571	47279	46618	101.109
	10	47151	46766	45963	47219	46566	45901	46354	47071	46585	47158	46431	46548	101.428
	11	46841	47008	46564	46261	46686	46715	46950	46160	46321	46409	46887	46551	101.362
	12	46823	46632	46651	47054	46814	46615	46652	46830	46945	46880	46203	46707	101.626
	13	46531	46889	46399	46789	46775	46368	46499	46515	47192	46857	46635	46820	101.529
	14	47132	46827	46646	47194	46544	46137	46928	46591	46407	46809	47397	46517	101.684
	15	46302	46470	46525	46581	47000	46570	46963	46682	46867	46089	46930	46895	101.457
	16	46612	46507	46687	46428	46195	47171	46952	47100	46226	47140	46745	46541	101.535
	17	46444	45880	45885	46979	46825	46718	46720	46128	46113	46249	46290	47067	100.991
	18	46702	46735	46123	46326	46485	46502	47237	46524	46431	46802	46782	46927	101.403
	19	46574	47306	46484	46870	46504	46317	46639	46481	46566	46277	46237	46491	101.253
	20	46474	46429	46083	46505	45925	46275	46639	47017	46515	45801	45931	46621	100.794
	21	46662	46849	46194	46735	46911	46166	47056	46215	46333	47175	46302	47020	101.411
	22	46932	46971	46991	46639	46678	46860	45940	46652	47448	46720	46688	46733	101.707
	23	46753	46129	46659	46395	45959	46354	46185	46226	46608	46363	46325	46262	100.794

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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	46091	46600	46558	46841	46363	46181	46792	46075	46618	46280	46012	46249	100.872
	1	46127	46202	46307	46290	46381	45970	46848	46163	46159	46183	46473	46439	100.672
	2	46676	46402	46955	46412	46104	46480	46700	46415	46919	46779	46590	46273	101.245
	3	46843	46434	46698	46115	46776	46303	46302	46080	46109	46358	46470	46065	100.856
	4	46494	46300	46501	46392	45948	46311	46682	46511	46383	46405	46234	45977	100.780
	5	46727	45927	46685	46211	46620	46164	46271	46791	46577	46418	46652	46935	101.113
	6	46251	46741	46215	46274	46528	46910	46321	46821	46382	46290	46756	46088	101.041
	7	46915	46649	46715	46026	47125	46460	46084	46789	46903	46672	45917	46211	101.202
	8	46453	46450	46174	47597	46480	46493	46754	46517	46489	46589	45842	46509	101.180
	9	46722	47075	47098	46258	45804	46356	46831	46667	46165	46398	46535	46118	101.122
	10	46403	46720	46545	46422	46204	45941	46026	46382	46174	46509	46494	46719	100.853
	11	46543	46606	46431	47212	47150	46509	47354	46402	46731	46027	46658	46614	101.523
	12	46462	46675	46755	46821	46877	46685	47073	47178	46281	46845	46342	47282	101.711
	13	46974	47572	47285	46651	46774	46590	46691	46683	46059	46688	47226	47186	101.911
	14	46696	46636	47129	46935	46538	46507	46827	46982	47393	46487	46944	46458	101.758
	15	46245	47283	45963	46776	46931	46349	47106	46534	47180	46723	46978	46981	101.670
	16	46642	46111	47030	46657	47071	46745	46986	47123	46302	47221	46842	46048	101.621
	17	47077	46370	46496	47100	46913	46259	46671	46352	46384	46491	45998	46687	101.263
	18	46253	46503	47037	46258	47376	46412	46984	46601	46519	46353	46582	46563	101.379
	19	46815	47072	46274	46546	47072	47002	47562	47194	47049	47095	46899	46989	102.127
	20	46564	46468	46873	47181	46790	47039	46896	46611	46158	47128	46753	46933	101.732
	21	47069	47365	47401	47006	46808	46402	46858	46181	47147	46540	46655	47275	101.970
	22	46962	46347	46237	47004	47324	46373	47239	47423	47330	47471	46103	47103	102.008
	23	46878	46813	46711	47016	46668	46423	46350	46260	46632	46729	46331	46396	101.336
16	0	46384	46559	47103	47051	46931	46538	46410	46596	46218	46730	46481	46949	101.470
	1	46489	47098	46651	46848	46408	46654	47535	47001	46366	46402	47031	46868	101.725
	2	46137	46661	47522	46427	46817	46835	45818	46659	46635	46630	46223	46743	101.319
	3	46332	46909	46361	46944	46904	46915	45893	46700	46561	46722	46228	46250	101.248
	4	46525	46909	47345	46508	47124	46823	47187	46847	46924	46084	46268	46898	101.741
	5	46411	47014	46470	46634	46071	46281	46438	46464	46860	46176	45889	46648	101.001
	6	46611	47238	46732	46452	46840	46524	46569	47133	46336	46273	46132	47154	101.479
	7	46374	46835	47132	46565	46583	46208	46053	46376	46991	47004	46139	46694	101.290
	8	46775	46642	46576	46856	46444	46887	47359	46688	47065	46669	46354	46491	101.626
	9	46567	46515	46418	45875	46654	46773	46616	47195	47133	46740	47127	46713	101.539
	10	46318	47397	46392	47129	46984	46596	46585	46602	46635	46809	46800	47212	101.744
	11	46203	47129	47172	46100	46486	46313	46811	45967	46794	46504	46871	46565	101.283
	12	46622	46494	46456	46592	46707	46564	46689	46622	47044	46351	46839	46767	101.434
	13	46532	46328	46887	46474	46660	46245	46723	46662	46688	46600	46717	46442	101.291
	14	45978	46230	46574	46352	47348	46680	47038	46622	46964	46460	45895	46336	101.204
	15	46477	46893	46209	46670	46542	46961	46646	46807	46282	46894	46969	46827	101.512
	16	47168	46420	46749	46654	47027	46207	46572	46969	46753	46585	46434	46994	101.576
	17	46713	46620	46567	46922	46707	46499	46134	46388	46247	46925	46619	46389	101.250
	18	46705	46676	47018	46776	46627	47532	46898	47051	46718	46700	46444	47028	101.874
	19	46879	47197	46856	47087	46512	46610	46486	46611	47428	46749	46908	46540	101.818
	20	46597	46285	46444	47136	46608	46600	47177	46628	46774	46909	47052	46862	101.674
	21	47101	46629	46715	46707	46852	47221	46491	47555	46214	47147	47169	46530	101.902
	22	46615	46725	47328	47229	47151	46198	47572	46394	46246	47195	46801	46162	101.773
	23	46964	46255	46428	46928	46145	46396	45954	46876	46726	46341	47174	46480	101.238



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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
17	0	46465	46681	46684	46418	46237	46035	46758	46303	46232	46701	46040	46349	100.916
	1	46121	46158	46544	46507	46144	46560	46155	46528	46675	46508	46478	46760	100.961
	2	46447	46808	46274	46360	46357	46184	46407	47251	46655	46455	46658	46382	101.161
	3	46194	46154	45878	46476	46361	46616	46478	46205	46320	46231	46791	46152	100.729
	4	46446	46588	45973	46513	46316	46681	46964	46873	46533	46289	46723	46300	101.154
	5	46544	47093	46202	46581	46408	46668	46442	46757	46656	46846	46930	46048	101.331
	6	46370	46564	46098	46484	46986	47044	46577	46279	46121	46368	46007	47263	101.147
	7	46148	46205	46294	46378	45953	46687	46807	47632	46885	46635	46566	46616	101.263
	8	46593	46412	47059	47206	46948	46571	46667	46559	46421	46585	46761	47181	101.654
	9	46587	46868	46190	46478	46588	46810	46833	47069	47102	46918	47341	46668	101.743
	10	46569	46494	46841	46531	46538	47053	46787	47839	46399	46774	46634	46289	101.615
	11	46787	45984	46352	46805	47049	46918	46248	46864	47248	47132	46478	46588	101.562
	12	47105	46466	46582	47249	46364	46365	47267	46497	46774	46310	46512	46619	101.500
	13	46613	46349	46913	46584	46707	46238	46732	45865	46298	45916	46629	46404	100.981
	14	46784	46916	46463	46833	47040	46817	46931	46622	45742	46715	46784	46482	101.504
	15	46753	46346	46318	46521	46434	46499	46764	46936	46231	46228	46431	46735	101.153
	16	45808	46687	46377	46223	46429	46478	47016	46872	45809	46869	46411	46165	100.962
	17	46826	47072	46476	46363	46849	46294	46593	46557	46412	47016	46969	46254	101.422
	18	46817	46050	45987	46648	46537	46757	46476	46606	46106	46164	46634	46776	101.037
	19	46407	46417	46673	46242	46490	46474	46197	46835	47179	46600	46952	46718	101.332
	20	46597	46554	46626	46582	46855	47263	46789	47391	47118	46351	46660	46728	101.754
	21	46858	46584	46995	46717	46274	47315	46075	47197	46227	46572	46546	46919	101.531
	22	46137	46079	46546	46758	46855	46618	46773	46359	46867	46538	46594	46557	101.241
	23	46799	46092	46673	46827	46086	46928	46276	46796	46814	46620	46818	46818	101.398
18	0	46806	46936	46770	46297	46690	46226	47116	46985	47339	46541	46543	46998	101.701
	1	46526	47033	46584	46192	46608	46880	46578	47219	47145	45773	46271	46705	101.392
	2	46756	46418	47075	46944	46676	46822	46988	46161	46573	46856	46511	47024	101.626
	3	46667	46862	46459	46665	47094	46419	46905	46934	46821	46601	46502	46528	101.563
	4	46503	46575	47135	46954	46875	46425	46645	45939	47376	46282	46236	46640	101.405
	5	46673	46484	46668	46852	46794	46640	47081	46913	46624	46649	46758	46955	101.678
	6	47261	46689	46975	47095	47174	46696	46609	46676	46709	46998	46884	46727	101.932
	7	47320	46768	47107	46531	46889	47117	47377	46493	47362	46333	46960	46738	102.023
	8	46715	46584	46525	46771	47621	46537	46348	46920	47320	46833	46586	46968	101.793
	9	46642	46572	46841	46828	47396	46909	47126	46927	46720	47205	46585	46714	101.927
	10	47540	47078	46286	46577	46447	46788	46681	47204	46465	47204	46671	46977	101.828
	11	46857	46795	46468	46190	46727	47061	46650	46748	47039	47155	46445	47516	101.780
	12	47117	46797	47110	46931	46841	46741	46875	46521	47072	46738	47555	46814	102.044
	13	47050	46360	46613	47190	46035	46806	46383	46761	46258	46361	46672	46638	101.322
	14	47220	46563	46432	47034	46848	46611	46261	46572	46656	46073	46403	46136	101.264
	15	46598	46101	46571	46975	46261	46855	46734	46962	46924	46772	47063	46676	101.569
	16	47232	46607	47389	46898	46321	46361	46996	47327	46773	46669	46223	46065	101.636
	17	47009	47331	46366	46482	46774	47076	46539	46479	47224	46753	47757	46614	101.916
	18	46687	46179	47380	45990	46734	46629	46701	46459	46959	46257	46551	46886	101.374
	19	47043	46759	46659	46558	47011	46110	46480	46708	46812	46535	46220	46446	101.361
	20	47037	47306	47311	47247	47393	46603	46504	46750	47255	47499	46740	46643	102.257
	21	46993	47006	47555	47065	46846	47082	47002	47131	46876	46626	46710	46696	102.130
	22	46583	47232	47082	46520	46482	46436	46550	46594	47316	47269	46815	46369	101.706
	23	46613	46742	47002	47100	46626	46633	46881	47240	46585	46916	47289	47110	101.976

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2010											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
19	0	47119	47336	47052	46884	47224	47102	46872	46399	46377	46545	46942	47271	102.037
	1	46739	47020	46405	46220	46606	46631	47070	47127	46265	46950	46348	47478	101.636
	2	46424	46618	46822	46500	46408	46664	47142	46760	46501	47020	46817	46360	101.487
	3	46598	46960	46486	46419	46430	46342	46675	47162	46639	46521	46228	46941	101.372
	4	47083	46668	46633	47370	47030	47141	46585	47174	46859	47004	46926	46583	102.033
	5	46710	47130	47217	46112	47096	47012	47198	46785	47040	46435	47188	47168	102.040
	6	46433	47469	46894	46697	46460	46861	46635	46657	46870	46839	47188	46919	101.828
	7	47002	46685	46777	47465	46794	47043	46681	47120	47176	46996	47353	47132	102.245
	8	47062	46915	47692	47276	46737	46886	46659	46865	47190	46672	47001	46636	102.131
	9	46978	47124	46915	46789	46867	46702	46868	46931	46450	46674	46868	46895	101.853
	10	47117	46396	47508	46244	46643	47009	46674	47418	46370	46846	46423	46481	101.685
	11	46876	47138	46691	46999	47052	47068	46687	46830	46870	46578	46713	46621	101.865
	12	46519	46557	46786	46724	47787	46385	46840	46411	47102	46317	46420	46183	101.485
	13	46294	46662	46629	46321	47715	47308	46839	46875	46016	46455	46606	46777	101.570
	14	46601	47544	47188	46535	46853	46559	46947	46315	47126	47240	46342	47118	101.909
	15	46189	46584	46713	46884	46274	46713	46983	46437	47072	46780	46630	46207	101.383
	16	46275	46203	46779	46492	46666	47096	46287	47216	46820	46573	46731	46379	101.392
	17	47114	46663	47132	46573	46781	47004	46160	46442	46516	46424	46598	46689	101.498
	18	46232	46342	46455	46511	46659	46477	46791	47361	46944	46277	46075	46685	101.264
	19	46985	45940	46184	46699	46248	46036	47313	47127	46788	46549	46658	46557	101.314
	20	46402	46422	46211	46342	46664	46539	46910	46540	46765	46647	46608	46716	101.256
	21	46652	46980	46575	46546	47034	46852	46374	46883	46587	46170	46668	46796	101.501
	22	46495	46674	46266	46126	46915	46937	46818	47055	46426	46586	46337	46121	101.255
	23	45826	46949	46458	46715	46568	46833	46276	46258	46489	46976	46516	46383	101.163
20	0	46704	47330	46628	46723	46935	47068	46116	46672	46543	46583	45648	46140	101.316
	1	46565	45925	46820	46616	47079	46720	46188	46358	46993	46157	46595	46938	101.290
	2	46951	46324	46373	46674	46871	46255	47186	46771	46151	46928	46614	46553	101.417
	3	46917	46972	46588	47043	46255	46593	46852	46619	46316	46932	46339	46682	101.500
	4	46687	45823	45730	47352	46751	46860	46620	46711	46407	46163	46535	46633	101.167
	5	45868	46337	46033	46648	46365	46562	46711	46392	46781	45920	46844	46083	100.854
	6	46955	46882	46540	46898	46767	46457	46334	46894	46438	46556	46137	46657	101.392
	7	46689	46670	46637	46292	46444	47050	46527	46772	46816	46540	46733	46548	101.429
	8	46582	47214	46926	46807	46340	46564	46298	47011	46357	46326	46946	46255	101.412
	9	46473	46786	46805	46587	46878	46811	46559	47011	47172	47035	47350	46854	101.901
	10	46639	46693	46599	47022	46832	47002	47383	46976	46795	47393	46691	46987	102.025
	11	47250	47014	46262	46860	47079	46557	46545	46153	46632	47027	46506	46854	101.614
	12	47039	47218	47065	47104	46719	46803	46936	46886	46827	46561	46692	46890	101.977
	13	46878	46773	47540	46751	46936	46255	46584	46145	47064	46336	46777	47503	101.759
	14	46911	46530	46980	47194	46805	47386	47137	46856	46949	47335	46314	46837	102.066
	15	47301	46564	46527	46624	47096	46903	46963	46725	47037	47228	46239	46985	101.877
	16	46823	47032	46943	46532	46525	46808	46675	47652	46489	46848	47386	46793	101.934
	17	45924	46860	47136	46754	46800	46520	46799	46743	46648	47063	46556	46675	101.567
	18	46904	46429	47279	46700	47128	46230	46690	46794	46434	46290	46764	46549	101.515
	19	46560	46546	46907	46463	47049	46564	46800	46485	46257	46409	46913	47369	101.538
	20	46454	46138	47149	46190	46275	46516	46215	46418	46696	46632	45887	46959	101.032
	21	47245	46343	46539	46775	47169	46898	46968	46541	46505	46795	46263	47029	101.674
	22	46183	46813	46786	47294	46630	46131	46114	46466	46321	46487	46855	46268	101.181
	23	46261	46284	46100	46648	46998	46956	46566	46764	46583	46545	46323	47347	101.366

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2010										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
21	0	46377	46476	46851	46961	46834	46621	46567	46989	46574	46390	46459	47493	101.597
	1	46676	46261	46784	46507	46660	46686	46788	46744	46525	46818	46565	46459	101.385
	2	46619	46755	46181	46544	46702	46465	46852	46724	46363	46043	46853	47242	101.361
	3	46277	46762	46931	46699	46584	46005	46941	46787	46690	46408	46796	46418	101.353
	4	46423	46432	46536	46742	47022	46953	45826	46858	46936	46850	46067	46803	101.380
	5	46727	46911	46179	46034	46816	46746	46569	47269	46476	46589	46368	46552	101.342
	6	46942	46301	46417	46448	47094	46346	46462	47283	46406	46467	46801	45922	101.279
	7	46616	47082	46486	46878	46745	46524	47460	46748	46475	46115	46613	46987	101.612
	8	46755	46882	46455	46566	47102	46533	46134	46986	46679	46093	46488	46969	101.415
	9	46945	46186	46691	47057	46490	47080	47034	46756	46658	46600	47025	46390	101.645
	10	46993	46481	46960	47019	46855	46348	46254	46665	46194	46706	46801	46922	101.516
	11	46606	45967	46526	46563	46924	47401	47337	46966	47237	46785	47032	47577	102.010
	12	47101	46343	46793	46245	46604	46863	46783	46440	46555	46838	46892	45927	101.368
	13	46494	46672	46434	47912	46660	45654	46318	45934	47453	46769	47052	46510	101.455
	14	46521	46202	46259	46585	46402	46982	47020	46871	46387	46577	46595	46677	101.313
	15	46478	47556	46885	46874	47306	46876	46522	46757	45922	46323	47278	47023	101.806
	16	46700	46879	46538	46459	46288	46329	46994	46941	46443	46378	46645	46584	101.331
	17	46959	46328	46523	46457	46610	46559	47006	46668	46843	46925	46170	46600	101.416
	18	46693	46243	46974	46698	47017	46548	46380	46321	46440	47164	46650	46214	101.361
	19	46475	47109	46664	45981	46274	47026	46154	46261	46785	46631	46322	46832	101.211
	20	46372	46547	46110	47138	46758	46252	45934	46514	46557	46435	47149	46417	101.150
	21	46710	46762	46303	46366	46524	46570	46011	46411	46194	46539	46984	46926	101.172
	22	46617	46633	46475	46194	46655	46839	46128	46698	46385	46243	46334	46748	101.109
	23	46019	45977	46774	46940	46623	46202	46636	47147	46569	46855	46120	46669	101.214
22	0	46070	46818	46948	47122	46402	45776	46735	46087	46259	46450	46634	46536	101.091
	1	46658	46005	47037	46959	46399	46734	46485	47049	46448	46190	46731	46848	101.397
	2	46034	46736	46370	46496	46398	46966	46649	46070	47289	46179	46976	46044	101.155
	3	46724	46234	47026	46715	46671	46539	46498	46660	46816	47232	46742	46744	101.589
	4	46526	46609	46439	46845	46920	47029	46867	47378	46698	46456	46635	46921	101.720
	5	46639	46730	46441	46089	46507	46624	47189	46018	45738	46028	46194	46266	100.839
	6	46091	46317	46567	46959	46696	46313	46299	46640	46549	46387	47034	46781	101.232
	7	46721	46564	45594	46870	47195	46783	46396	46621	46516	46900	46592	46386	101.324
	8	46961	46762	46044	46352	46844	46221	46443	46644	46523	46573	46759	46132	101.164
	9	47331	46897	46461	46378	45811	46912	46286	46771	46334	46743	46254	47149	101.358
	10	46703	46645	47057	46648	46783	45990	45604	46060	47310	46849	46369	46590	101.228
	11	46031	47343	46718	46062	47235	46528	47082	46772	46257	46481	46557	46165	101.341
	12	47022	46215	46423	46493	46834	46872	46742	46761	46256	46238	46214	46823	101.280
	13	46658	46686	46630	46739	46869	46200	46699	47119	46745	46827	46414	46732	101.537
	14	46837	46672	46698	46900	46556	45763	46594	46950	46463	46482	46635	46766	101.356
	15	46675	47031	47001	46957	46611	46639	46750	46446	46109	46491	46942	46861	101.573
	16	46323	46445	46823	46494	46964	46540	46698	46540	46973	46004	47033	46185	101.303
	17	46970	46357	46383	47307	46544	46218	46015	46317	46215	46373	47085	46528	101.174
	18	46742	46309	46801	47151	46997	46310	46612	45921	47217	46561	46946	46897	101.564
	19	47325	46203	46502	46468	46786	46688	46497	46058	47235	46435	46412	46477	101.314
	20	46832	47194	46821	46830	47035	46757	47012	46336	46796	46802	46286	45891	101.587
	21	46105	46585	46690	46649	46627	46810	46566	46532	46678	46596	47260	45856	101.290
	22	46320	46822	46328	47127	46475	46816	46214	47029	46733	46554	45643	46820	101.277
	23	46577	46485	45906	46826	46884	46408	46580	46874	46634	46504	46187	46085	101.109

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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	45944	46849	47061	46949	46648	47132	47225	46615	46540	46351	46189	46822	101.535
	1	46427	46693	46847	47435	46621	47021	46461	46307	47260	46731	47284	46235	101.719
	2	46297	46565	46056	46554	46160	46478	46335	46297	46939	46712	46695	46313	101.009
	3	46141	46192	46339	46622	46376	46748	46977	46567	46578	46394	46505	46139	101.041
	4	46145	45873	46319	46710	46086	46104	46173	46472	47078	45906	45939	46196	100.574
	5	46873	45916	46041	46311	46469	46313	46311	46200	46309	45783	46129	46307	100.567
	6	46956	45894	46464	46770	45984	45374	46131	46253	46545	45928	46041	46418	100.530
	7	46983	46210	45726	45916	47127	46609	46653	45866	45975	46016	46986	46052	100.777
	8	46405	46148	46331	46516	47051	47324	46437	46411	46810	46523	46849	46488	101.352
	9	46150	46398	46878	46438	46121	46033	46688	45965	47051	46230	46367	46588	100.919
	10	46742	46443	46918	46353	46081	46988	46341	46467	46111	46493	46536	46589	101.129
	11	46706	46387	45587	45629	46486	46179	46617	46352	46721	46422	45899	45979	100.567
	12	46236	46356	46093	46316	45880	46463	46524	46386	46083	46372	46574	46998	100.806
	13	46052	46682	46499	46740	46892	46358	46163	46064	46689	46097	46737	46733	101.064
	14	46818	46616	46319	46477	46205	46682	46713	46708	46537	46142	46367	46537	101.139
	15	45909	45885	46718	46770	45999	46364	46887	46124	46487	46396	46320	46792	100.873
	16	46543	46945	46222	46263	46415	46550	46520	46935	46936	46348	46750	46511	101.288
	17	46224	46465	46424	46018	46209	46531	46854	46327	46628	46477	46564	46601	100.995
	18	46196	46251	47173	45733	46185	46314	46556	46864	46399	46622	46629	46835	101.074
	19	46705	46083	46072	46194	46749	46391	46379	46689	46282	46019	46745	46347	100.874
	20	46337	46684	45510	46508	46539	47049	46332	46264	46253	46175	46348	47175	100.968
	21	46325	45978	46159	46067	46168	46359	46392	46524	45907	46579	45475	46218	100.420
	22	46958	46372	46893	46311	46208	46079	45972	46387	46039	46537	45869	46496	100.777
	23	46376	46373	45982	46255	46821	45895	46334	46690	46153	46555	46317	46035	100.716
24	0	45982	46289	45916	46301	46677	46882	46359	46568	46078	46462	45922	46154	100.674
	1	46014	46361	45444	47168	46155	46878	46478	46105	46267	46108	45992	46060	100.579
	2	45514	45885	46365	46059	46036	46115	45887	46265	46296	45901	46169	46477	100.206
	3	46567	46625	46420	46070	45989	46378	46061	46469	46442	46486	46971	46517	100.935
	4	46235	46528	46314	45935	46405	45851	46589	46375	46088	46646	46555	45959	100.661
	5	46749	45923	46340	46081	46289	46886	46659	46635	46134	46675	46637	46289	100.990
	6	45957	46599	46509	45294	46573	46171	46093	46699	46153	46520	46332	46048	100.564
	7	45943	46297	46276	46033	46319	46275	46973	46560	46754	45780	46262	46181	100.692
	8	46552	45943	45866	45904	46086	46492	45690	46613	46181	46535	45993	46320	100.424
	9	46144	45559	46536	46770	46178	46049	46658	46501	46033	46543	46628	46686	100.807
	10	46832	46172	46057	46021	46130	46263	46395	46306	46250	46133	47065	45800	100.651
	11	46222	46438	46833	46289	46474	46112	46504	46942	46099	46021	46455	46931	100.995
	12	45975	46703	46471	46182	46340	46280	46301	46248	45848	46685	46287	46399	100.704
	13	46121	46784	46615	46949	46410	46825	46767	46538	46968	46538	46204	46159	101.277
	14	46486	45897	46276	46177	46148	46602	46680	46813	46994	46295	46845	46337	101.036
	15	47023	46623	46625	46458	46915	46011	46948	46771	46465	46506	46754	46043	101.325
	16	46799	46019	46135	46216	46907	46361	46876	46070	46622	46316	46243	46360	100.922
	17	47212	46429	46372	46704	46323	47130	47380	46188	46637	46701	46257	46642	101.476
	18	46515	46802	46446	46840	46405	46587	45956	46134	46409	46196	46912	46313	101.030
	19	46359	46467	46455	46467	46309	46128	46648	46794	45974	45741	47011	45996	100.818
	20	46628	45711	46607	46650	46198	46919	46332	46226	46813	46227	46326	45859	100.845
	21	45880	46164	46111	45665	46098	46240	45967	46033	46252	46395	45954	46170	100.199
	22	45786	45517	45787	46571	46092	45923	46600	46684	46274	46424	46457	45736	100.367
	23	46312	45569	46059	46120	46259	46302	46003	46155	46616	46311	46263	45730	100.338

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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
25	0	45849	46017	45488	46580	46407	46222	46091	45957	46130	46727	45792	46195	100.289
	1	46296	46480	46529	46028	46474	46760	46134	45845	46206	46319	46163	46314	100.673
	2	46034	46752	46046	46562	46444	46332	46344	46530	46011	46006	45802	46673	100.671
	3	46660	45773	46144	45886	46900	46010	46326	45901	46540	46213	46506	46017	100.551
	4	46998	46297	46922	46428	45884	46277	46110	45808	46581	46216	46541	46182	100.799
	5	46372	46405	46656	46253	46275	46637	46300	46056	46021	47112	46117	46091	100.809
	6	46091	46049	46930	46356	46340	46508	46843	45941	46803	46295	46221	45881	100.802
	7	46752	46048	45943	45965	46018	46044	45881	46106	46488	46154	45676	45905	100.208
	8	46379	45207	46281	46586	45647	46446	46440	46416	46783	45936	46364	46187	100.515
	9	45936	46112	46337	46230	46038	46512	46072	46555	45665	46238	45710	46404	100.358
	10	46723	45965	46543	46517	46108	45952	46180	46331	46517	46182	45813	45686	100.486
	11	45694	46410	46074	46033	46077	46525	46420	46477	46311	46327	46367	46628	100.636
	12	46811	46243	46177	46707	46500	45853	46426	45995	45949	46192	46209	46678	100.709
	13	46630	46202	46436	46250	46194	47099	46755	45815	46566	47040	46661	46332	101.114
	14	47133	46689	46496	46427	46822	46387	46424	46851	46338	46641	46694	46541	101.380
	15	46832	45969	46207	46329	46711	46392	46633	46252	46044	47101	46583	46861	101.102
	16	46345	45976	45910	46303	45449	46771	46470	46943	46253	46810	45936	46768	100.743
	17	46642	46144	46699	46658	45604	46337	46735	47080	46476	46629	46096	46401	101.027
	18	46371	46037	46159	45790	47025	46647	47134	46263	46592	45964	45935	45843	100.712
	19	46950	46662	45913	46077	47053	46696	46546	46581	46241	46388	46420	46474	101.118
	20	46964	46576	46651	46715	46167	46611	46463	46488	46507	46437	46076	46553	101.155
	21	47016	47061	46476	46121	46109	46017	46438	46571	46546	46207	46090	46550	100.973
	22	46124	46281	46047	46780	46753	46511	46596	46777	46320	46608	46376	46399	101.040
	23	46282	46859	46666	46799	46760	46238	45831	46520	46100	46163	46803	46641	101.056
26	0	46430	46148	46105	46548	46203	46509	46358	45816	46537	46494	47129	46396	100.885
	1	46347	45890	46676	46069	46820	46548	46325	46600	46947	46143	46762	46346	101.022
	2	46372	46291	46679	46300	46418	46357	47201	46671	46508	46608	46728	46242	101.185
	3	45941	46676	46367	46867	46267	46077	46666	46398	47094	46483	46305	46006	100.963
	4	45746	46562	46164	46683	46565	46052	46097	46992	46591	46149	45926	46155	100.697
	5	46317	46269	46771	46449	46536	46463	46350	46187	46307	46047	45796	47014	100.847
	6	46516	46270	46047	45766	46509	46436	46595	46098	46409	46890	46169	46411	100.776
	7	46134	46195	46437	46132	45990	47066	45808	46503	46552	46199	46204	46511	100.707
	8	46258	46333	46032	46391	46805	46159	46393	46421	46190	46833	46568	46617	100.937
	9	46465	46555	46296	46593	45936	46117	46678	46762	46409	46579	46282	45319	100.753
	10	46647	47001	45453	46665	46465	46007	46344	46917	45907	46363	46439	46175	100.825
	11	46469	46943	46370	46203	46439	46759	46233	46585	46482	46017	46680	46260	101.016
	12	46204	46339	46583	45786	46566	46174	46664	46310	45997	46405	46530	46117	100.696
	13	46602	46089	46649	45904	47052	46284	46149	46367	46256	46599	46172	46796	100.922
	14	46537	46863	45788	46372	46778	46319	46784	46036	46813	46353	46779	45892	100.993
	15	46487	46390	46973	46695	46260	46183	46705	46437	46596	46347	46887	46169	101.141
	16	46341	46162	46524	46101	46319	46037	45811	46348	46579	46901	45921	46728	100.713
	17	46663	46318	46869	46290	46144	46219	46359	46060	46404	46446	46236	46461	100.840
	18	46703	46909	46670	46690	46765	46899	46712	46433	46557	47301	46648	46856	101.687
	19	46162	46225	46747	46770	47234	47036	46362	46535	45941	47039	46711	46426	101.333
	20	46300	46449	46412	46765	46171	47284	46856	45987	46562	46613	46636	47242	101.349
	21	47163	45924	46239	46509	46340	45901	46631	46302	47023	46461	45996	46432	100.922
	22	46624	45979	46254	45696	46377	47168	46603	46370	46110	46956	46533	46507	100.969
	23	46428	45840	47122	46208	46443	46805	47291	46750	46537	46471	46491	46282	101.239

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2010											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
27	0	46291	46472	46364	46281	46129	46951	46788	46329	46561	47155	46280	46866	101.202
	1	46012	46449	46505	47222	46909	46420	46157	46506	46579	46648	45624	46278	100.992
	2	47346	46674	46655	46943	46291	46569	46167	46389	46476	46317	46975	46278	101.313
	3	46100	46582	46344	46685	46449	46641	46070	46946	46982	46542	46509	46353	101.154
	4	46653	46845	46734	46496	46853	46015	46549	46586	46065	46791	46811	46473	101.275
	5	46503	46451	46656	46412	46122	46592	46414	46793	46534	46761	46554	46290	101.132
	6	47068	46438	46432	46672	46366	46283	46053	46051	46388	46801	46225	46929	101.065
	7	46454	46038	46017	46462	46395	46374	46368	46027	46392	45974	46863	47182	100.854
	8	46622	46474	46760	46035	46048	46256	46105	46608	46062	46308	47004	46568	100.909
	9	46407	45995	46333	45823	46245	46564	46641	46149	46301	45999	46385	46556	100.646
	10	46580	46008	46132	46638	46487	46974	46191	45983	46704	46302	45971	46353	100.813
	11	46067	46407	46778	46844	46354	46501	46048	46574	47020	46031	47064	46543	101.160
	12	46285	45983	46243	46765	46084	46013	46494	46584	46282	46624	46898	46445	100.882
	13	46867	45829	46660	46898	46694	46847	46484	47245	46747	46216	47197	46440	101.502
	14	46436	45984	45796	46479	46463	46660	46874	45918	46072	46245	46979	45958	100.731
	15	46623	46189	45986	46348	46433	46973	46234	46365	46640	46271	46140	46370	100.858
	16	46117	46310	45970	46207	46469	46553	46580	46411	46464	46003	47126	46669	100.914
	17	46557	46632	46503	46872	46527	47239	46845	46125	45986	46641	46704	46727	101.364
	18	46365	46309	46852	46841	46484	46525	46772	47477	46456	46828	45364	46533	101.264
	19	46498	46339	46136	46593	46347	46649	46103	46549	46795	46789	46924	46748	101.202
	20	47090	46542	46827	46203	46635	46354	46475	46742	45925	46360	46302	46959	101.193
	21	46265	46674	46318	46525	46118	46355	46712	46723	46906	46625	46480	46835	101.215
	22	46457	46705	46119	46283	47285	46671	46271	46443	46652	46123	46440	46403	101.090
	23	46456	46609	46221	46258	46844	46724	46482	46056	46658	46850	45510	46360	100.941
28	0	46630	46992	46500	46308	46513	46949	46160	47099	46846	46347	46618	46757	101.431
	1	46636	45865	46831	46650	46365	47116	46325	46336	47240	46105	46793	46363	101.231
	2	46878	47050	46899	46461	46841	46639	46529	47244	46340	46695	46204	46565	101.543
	3	46844	46827	46974	46524	45990	46275	46283	46458	46741	45921	46617	46243	101.063
	4	46386	46160	46695	46447	46324	46961	46005	46552	47037	46230	46499	46263	101.038
	5	46598	46402	46694	46425	46444	47133	46895	46572	47243	46266	46022	46518	101.337
	6	46222	45795	46379	46029	46769	46975	46420	45724	46336	46885	46911	45899	100.817
	7	46072	46230	46424	46120	45750	46037	46054	46081	46323	46715	46263	46126	100.428
	8	46030	46395	46414	46073	46562	46317	46430	46066	46233	46274	46273	45995	100.585
	9	46206	45604	45764	46123	46377	46295	46200	46191	45915	46593	46037	46291	100.319
	10	45979	45769	46302	46449	46587	46672	46612	46455	46436	45757	46088	46912	100.758
	11	46459	45927	45719	46392	46223	46767	46006	46486	46722	46477	46119	46349	100.691
	12	46093	46312	46389	46508	46007	46358	46094	46399	46084	46440	46750	46199	100.688
	13	46029	46417	46022	46577	46588	46650	46081	46138	46442	46675	46637	46734	100.934
	14	46767	46641	46183	46202	46631	46455	46291	46232	46441	46657	46589	46914	101.118
	15	45998	46996	46252	46232	46404	45997	45865	46324	46120	45779	46181	46319	100.478
	16	46221	47394	46546	46419	47017	46572	46583	46218	46493	46429	47690	47086	101.601
	17	46320	46786	47054	46640	46702	46339	45970	47025	46153	46175	46678	46625	101.202
	18	46691	46688	45876	46627	46746	47036	46796	45843	46375	45832	47308	46530	101.181
	19	46460	46772	46828	45887	46334	47093	46788	46202	46117	46847	47104	46650	101.313
	20	46844	46348	46804	47115	46302	46376	46211	46371	46109	46155	46377	46294	100.992
	21	46260	46618	47266	46299	46901	46631	46375	46660	47583	46391	46673	46645	101.535
	22	46847	46521	47186	46088	47148	46595	46224	46867	46393	46517	46187	46944	101.392
	23	46673	46702	46593	47056	46619	46315	46489	46604	46368	46555	46097	46045	101.139

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - October 2010										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
29	0	46540	45913	45936	46690	46909	46700	46933	46249	46052	46572	46120	46927	101.029
	1	46784	46802	46837	46190	46140	46466	46122	46535	47370	45955	46955	46573	101.250
	2	46643	45649	46925	46618	46759	46006	46527	46918	46632	46106	46196	45644	100.868
	3	45911	46459	46295	47005	47162	47089	47001	46557	46451	46384	46159	46282	101.254
	4	46017	47076	46294	46288	46603	46649	46825	46341	45759	45748	46509	46615	100.886
	5	46106	46789	45880	46450	46498	46379	46165	46660	46233	46083	46667	46217	100.778
	6	46443	46576	46442	46099	46442	46299	46667	46146	46415	46082	46167	46594	100.823
	7	46744	46649	46256	46828	46701	46041	46752	46102	46478	46257	46324	46489	101.049
	8	46012	46353	46719	46266	46065	46273	46576	45916	46553	46328	46543	46216	100.723
	9	46835	47008	46441	46317	47205	46449	46790	45835	45928	46627	46141	46534	101.138
	10	46566	45968	46659	46770	46949	47089	46960	46313	46673	47202	47011	46733	101.642
	11	46673	46564	46652	46831	47135	46626	46042	46564	46569	46430	46729	47058	101.457
	12	46626	46456	46912	46722	46087	46679	47259	46312	46945	46768	46597	46644	101.482
	13	46314	46235	46666	46843	46421	46274	46608	46927	47110	46429	45964	47210	101.299
	14	45856	46751	46650	46937	46430	46628	46697	46304	46773	46569	46615	46923	101.323
	15	46898	47112	47338	47558	46772	46463	46876	46272	46041	47576	46916	47152	102.019
	16	45990	47252	46820	46512	47541	47329	46798	46396	46274	46541	46616	46659	101.612
	17	46262	46679	46781	46554	46413	46932	47159	47186	46466	46600	46612	46746	101.551
	18	46836	46638	46812	46435	46854	46171	46687	46904	46564	47420	47006	46684	101.663
	19	46470	47515	47104	47064	46673	46835	47073	46646	46812	47092	46924	46673	102.002
	20	46476	46373	46830	46353	46013	46903	46576	46189	47148	46386	46765	46784	101.262
	21	46694	46846	46674	46317	46959	46388	46801	46889	46579	46686	46463	46341	101.414
	22	45940	46463	46012	46702	46684	46413	46836	46660	47169	47110	46491	45964	101.198
	23	46950	46885	47088	46270	46673	46802	46467	46050	46476	46567	46649	46454	101.359
30	0	46095	46622	46792	46594	46829	46557	46603	46588	46247	46549	46241	46414	101.134
	1	45966	46491	46231	46562	47062	46929	46345	47018	45987	46074	45803	46732	100.973
	2	46052	46301	46635	46057	46737	46933	46332	46414	46097	46595	46171	46822	100.963
	3	46682	46266	46219	45904	46440	46918	46994	46392	46541	46352	46558	45950	100.975
	4	46885	46397	46316	45902	46045	46274	46655	46942	45972	46848	46184	46680	100.955
	5	46640	47147	47018	46236	46574	46724	45913	46825	46695	46335	46547	45888	101.216
	6	46079	46351	47457	47005	46305	46728	45918	47070	46751	46235	46613	46918	101.377
	7	47051	45995	46721	46138	46430	46609	47133	46819	46925	46911	46702	46430	101.455
	8	46654	46706	46676	45747	46726	46561	45648	46346	46941	46537	46110	46430	100.951
	9	46960	46431	45905	46319	46458	46636	46755	46825	46592	46575	46796	46680	101.287
	10	46842	46219	47383	46354	46436	47115	46805	46291	46100	46630	46528	46874	101.403
	11	46535	46367	46588	46896	46422	47178	46298	46825	47113	46567	46681	46299	101.438
	12	46358	46545	46324	46903	46730	46929	46464	46382	46318	46232	46610	47015	101.264
	13	46517	46788	46652	46376	46839	46325	46777	46421	46309	46591	45953	46364	101.101
	14	46419	46457	46924	46610	46309	46311	46680	46906	46159	47129	46278	45852	101.124
	15	46509	46914	46541	46514	46653	46140	46641	46296	46499	46932	47061	46746	101.380
	16	46671	46315	45946	46237	46831	46640	46672	46627	46260	47020	47312	47093	101.412
	17	46267	46229	46979	46246	46392	46715	46771	46511	46703	45789	46710	46628	101.107
	18	46496	46615	46410	47130	46017	46142	46708	46444	46392	46786	46579	46746	101.202
	19	46352	46890	46428	46607	45958	46011	46413	46573	46833	46046	46152	46461	100.886
	20	45835	45767	46117	46328	46064	46183	45696	46214	45827	45909	45980	46210	100.054
	21	46217	46012	45751	45879	45840	45894	46022	45884	46684	45607	46084	45851	99.980
	22	45880	45786	45965	45607	46358	46030	46080	45831	46228	45731	45920	46449	100.006
	23	45620	46406	45845	45732	45952	46300	46146	46075	45820	45752	45657	45821	99.872

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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
31	0	46273	45711	46382	45102	46648	45932	46809	46293	46501	46079	46770	45685	100.428
	1	45864	46577	45909	45583	46422	45880	45680	46359	46910	46061	45954	45888	100.227
	2	45885	46111	46477	46334	45295	46398	46114	46146	46233	46287	46487	46544	100.449
	3	45877	45657	46134	46218	46294	46070	45804	46429	46033	45927	46594	45964	100.212
	4	45926	46308	46176	45875	46920	45799	46671	46807	46675	46397	46047	46319	100.741
	5	46596	46785	45405	47016	46200	46313	45934	46850	45748	47054	46718	47176	101.081
	6	46874	46473	46308	46546	46469	46824	46549	46439	46145	46526	46697	46191	101.125
	7	46068	47109	46829	45730	46339	45725	46212	46548	46326	46894	46805	46224	100.902
	8	46513	46526	46947	46654	46563	46541	46840	46650	46413	46172	46888	46675	101.368
	9	46226	46454	46422	46521	46529	46268	46341	46583	46607	46111	46186	46338	100.861
	10	47101	47035	46917	47218	47130	46473	46247	46612	45953	46278	46270	46586	101.446
	11	46130	46571	46095	46213	46352	45851	46492	46507	46707	46883	46658	46376	100.908
	12	46343	46964	46985	46210	46814	46024	46619	46363	45519	46851	46611	46775	101.132
	13	46537	46902	46200	46876	46376	46013	46006	46969	46442	46436	46435	46478	101.058
	14	46480	46372	46394	46288	46596	46013	46514	46453	46420	45965	46745	46669	100.920
	15	46285	45713	46084	46508	45736	45949	46443	46023	46569	46127	45793	46164	100.283
	16	46211	46656	45635	46128	46335	45834	45726	45962	45843	45996	45710	46834	100.188
	17	45669	45854	46509	46516	45906	46045	45346	45681	45355	45960	45287	46434	99.770
	18	46227	45754	46144	45752	46006	45473	45321	45966	45995	45392	45807	45529	99.553
	19	45601	46370	45697	45577	45263	46032	45714	46251	45671	45304	45675	45707	99.462
	20	45777	45000	45976	45908	45467	45739	45902	46098	46124	45482	45848	46005	99.546
	21	45792	45781	45258	45737	45654	46128	45883	45626	45810	45562	45552	45837	99.418
	22	45995	45821	45236	45209	45649	45877	45762	45877	45702	45706	45333	45529	99.251
	23	45833	45600	45958	45814	45670	45855	45966	45450	45759	45924	45771	46551	99.695



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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	1014.56	1014.54	1014.47	1014.40	1014.30	1014.22	1014.15	1014.11	1014.07	1014.01	1013.95	1013.93	1014.21
	1	1013.96	1014.04	1014.04	1013.97	1013.92	1013.89	1013.91	1013.92	1013.92	1013.96	1013.98	1013.96	1013.95
	2	1013.93	1013.92	1013.93	1013.91	1013.88	1013.87	1013.85	1013.83	1013.81	1013.75	1013.69	1013.67	1013.83
	3	1013.65	1013.59	1013.52	1013.51	1013.53	1013.51	1013.48	1013.47	1013.49	1013.49	1013.51	1013.56	1013.52
	4	1013.56	1013.52	1013.50	1013.51	1013.55	1013.57	1013.56	1013.55	1013.55	1013.55	1013.54	1013.56	1013.54
	5	1013.59	1013.59	1013.58	1013.61	1013.67	1013.71	1013.73	1013.74	1013.76	1013.77	1013.80	1013.84	1013.70
	6	1013.88	1013.88	1013.90	1013.94	1013.98	1014.04	1014.08	1014.08	1014.06	1014.05	1014.08	1014.12	1014.01
	7	1014.19	1014.20	1014.16	1014.14	1014.10	1014.06	1014.08	1014.09	1014.04	1014.05	1014.09	1014.03	1014.10
	8	1013.98	1014.00	1014.03	1014.08	1014.13	1014.11	1014.12	1014.15	1014.13	1014.09	1014.04	1013.99	1014.07
	9	1013.96	1013.93	1013.88	1013.88	1013.91	1013.92	1013.87	1013.83	1013.87	1013.91	1013.92	1013.90	1013.90
	10	1013.89	1013.91	1013.92	1013.86	1013.86	1013.91	1013.92	1013.91	1013.89	1013.88	1013.82	1013.75	1013.87
	11	1013.69	1013.61	1013.60	1013.64	1013.67	1013.64	1013.61	1013.58	1013.55	1013.52	1013.46	1013.43	1013.58
	12	1013.40	1013.41	1013.39	1013.34	1013.30	1013.26	1013.26	1013.27	1013.29	1013.28	1013.26	1013.26	1013.31
	13	1013.25	1013.25	1013.26	1013.24	1013.22	1013.20	1013.20	1013.21	1013.21	1013.22	1013.23	1013.27	1013.23
	14	1013.30	1013.29	1013.28	1013.24	1013.17	1013.12	1013.07	1013.02	1013.00	1013.01	1012.99	1012.94	1013.12
	15	1012.94	1012.98	1013.04	1013.12	1013.20	1013.24	1013.23	1013.23	1013.22	1013.20	1013.24	1013.32	1013.16
	16	1013.41	1013.47	1013.51	1013.56	1013.66	1013.77	1013.84	1013.84	1013.81	1013.80	1013.87	1013.94	1013.70
	17	1013.99	1014.05	1014.09	1014.11	1014.11	1014.13	1014.17	1014.22	1014.27	1014.35	1014.44	1014.52	1014.20
	18	1014.59	1014.62	1014.65	1014.73	1014.84	1014.91	1014.92	1014.90	1014.92	1014.97	1015.00	1015.00	1014.83
	19	1015.01	1015.01	1015.03	1015.04	1015.05	1015.09	1015.11	1015.16	1015.22	1015.27	1015.33	1015.40	1015.14
	20	1015.45	1015.46	1015.48	1015.51	1015.53	1015.56	1015.59	1015.64	1015.68	1015.71	1015.74	1015.73	1015.59
	21	1015.71	1015.72	1015.76	1015.76	1015.69	1015.65	1015.64	1015.64	1015.62	1015.62	1015.63	1015.62	1015.67
	22	1015.60	1015.59	1015.60	1015.62	1015.65	1015.67	1015.68	1015.69	1015.69	1015.70	1015.73	1015.71	1015.66
	23	1015.69	1015.74	1015.75	1015.75	1015.78	1015.82	1015.82	1015.78	1015.77	1015.78	1015.82	1015.85	1015.78
2	0	1015.85	1015.86	1015.86	1015.87	1015.89	1015.85	1015.77	1015.74	1015.75	1015.77	1015.79	1015.79	1015.81
	1	1015.77	1015.76	1015.72	1015.71	1015.74	1015.77	1015.76	1015.72	1015.70	1015.68	1015.66	1015.66	1015.72
	2	1015.64	1015.64	1015.72	1015.79	1015.80	1015.81	1015.83	1015.81	1015.74	1015.70	1015.71	1015.77	1015.74
	3	1015.83	1015.84	1015.82	1015.79	1015.76	1015.77	1015.81	1015.82	1015.84	1015.84	1015.84	1015.87	1015.82
	4	1015.92	1015.95	1015.98	1015.95	1015.92	1015.93	1015.97	1015.98	1016.00	1016.02	1016.03	1016.05	1015.97
	5	1016.08	1016.08	1016.09	1016.11	1016.12	1016.14	1016.18	1016.25	1016.33	1016.34	1016.31	1016.34	1016.20
	6	1016.41	1016.46	1016.50	1016.56	1016.64	1016.72	1016.79	1016.82	1016.83	1016.87	1016.90	1016.90	1016.70
	7	1016.90	1016.93	1016.95	1016.99	1017.04	1017.08	1017.07	1017.10	1017.14	1017.20	1017.26	1017.25	1017.07
	8	1017.22	1017.24	1017.26	1017.30	1017.35	1017.37	1017.40	1017.39	1017.38	1017.41	1017.41	1017.40	1017.34
	9	1017.39	1017.39	1017.37	1017.35	1017.34	1017.36	1017.37	1017.37	1017.39	1017.41	1017.40	1017.39	1017.37
	10	1017.38	1017.39	1017.41	1017.41	1017.40	1017.41	1017.40	1017.35	1017.32	1017.28	1017.23	1017.17	1017.34
	11	1017.07	1017.00	1016.97	1016.97	1016.99	1016.98	1016.94	1016.90	1016.87	1016.86	1016.85	1016.86	1016.94
	12	1016.86	1016.83	1016.83	1016.83	1016.81	1016.82	1016.80	1016.75	1016.73	1016.74	1016.72	1016.69	1016.78
	13	1016.65	1016.63	1016.65	1016.67	1016.71	1016.77	1016.79	1016.81	1016.81	1016.80	1016.82	1016.87	1016.75
	14	1016.88	1016.88	1016.85	1016.80	1016.78	1016.78	1016.80	1016.79	1016.77	1016.80	1016.82	1016.81	1016.81
	15	1016.79	1016.79	1016.79	1016.81	1016.84	1016.86	1016.86	1016.86	1016.84	1016.86	1016.89	1016.90	1016.84
	16	1016.91	1016.91	1016.89	1016.88	1016.87	1016.86	1016.88	1016.91	1016.91	1016.92	1016.95	1016.98	1016.90
	17	1017.02	1017.06	1017.10	1017.15	1017.20	1017.23	1017.27	1017.31	1017.34	1017.37	1017.38	1017.37	1017.23
	18	1017.36	1017.38	1017.42	1017.47	1017.48	1017.48	1017.50	1017.51	1017.53	1017.56	1017.55	1017.54	1017.48
	19	1017.54	1017.55	1017.55	1017.54	1017.55	1017.55	1017.55	1017.56	1017.54	1017.54	1017.55	1017.57	1017.55
	20	1017.59	1017.58	1017.58	1017.60	1017.62	1017.63	1017.63	1017.60	1017.59	1017.58	1017.58	1017.62	1017.60
	21	1017.65	1017.63	1017.60	1017.58	1017.59	1017.62	1017.64	1017.66	1017.67	1017.67	1017.66	1017.65	1017.63
	22	1017.62	1017.58	1017.52	1017.49	1017.52	1017.54	1017.51	1017.44	1017.38	1017.33	1017.30	1017.28	1017.46
	23	1017.28	1017.27	1017.25	1017.28	1017.34	1017.36	1017.37	1017.39	1017.42	1017.42	1017.42	1017.43	1017.35



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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	1011.11	1011.13	1011.16	1011.16	1011.14	1011.07	1011.04	1011.00	1010.90	1010.81	1010.72	1010.59	1010.98
	1	1010.54	1010.64	1010.68	1010.67	1010.65	1010.64	1010.61	1010.56	1010.53	1010.59	1010.66	1010.68	1010.62
	2	1010.73	1010.65	1010.42	1010.35	1010.39	1010.37	1010.33	1010.26	1010.15	1010.14	1010.21	1010.32	1010.36
	3	1010.36	1010.25	1010.11	1010.01	1009.95	1009.97	1010.02	1010.06	1010.13	1010.20	1010.27	1010.28	1010.13
	4	1010.25	1010.27	1010.26	1010.27	1010.30	1010.21	1010.03	1009.85	1009.75	1009.73	1009.77	1009.84	1010.04
	5	1009.89	1009.89	1009.67	1009.44	1009.43	1009.48	1009.52	1009.55	1009.53	1009.55	1009.59	1009.53	1009.59
	6	1009.42	1009.31	1009.18	1009.10	1009.16	1009.15	1009.17	1009.28	1009.35	1009.36	1009.32	1009.37	1009.26
	7	1009.52	1009.64	1009.65	1009.67	1009.78	1009.86	1009.83	1009.80	1009.75	1009.64	1009.52	1009.48	1009.68
	8	1009.48	1009.53	1009.55	1009.51	1009.47	1009.38	1009.35	1009.35	1009.34	1009.32	1009.30	1009.23	1009.40
	9	1009.17	1009.22	1009.20	1009.13	1009.05	1009.08	1009.23	1009.24	1009.18	1009.13	1009.06	1009.16	1009.15
	10	1009.33	1009.41	1009.49	1009.65	1009.87	1010.07	1010.22	1010.33	1010.44	1010.45	1010.44	1010.46	1010.01
	11	1010.46	1010.47	1010.50	1010.47	1010.41	1010.43	1010.45	1010.48	1010.53	1010.54	1010.53	1010.52	1010.48
	12	1010.51	1010.52	1010.49	1010.48	1010.52	1010.54	1010.53	1010.50	1010.51	1010.61	1010.68	1010.75	1010.55
	13	1010.81	1010.83	1010.82	1010.76	1010.73	1010.74	1010.78	1010.85	1010.92	1011.00	1010.99	1010.93	1010.84
	14	1010.88	1010.83	1010.81	1010.83	1010.89	1010.91	1010.89	1010.90	1010.88	1010.87	1010.89	1010.93	1010.87
	15	1010.93	1010.87	1010.83	1010.88	1010.93	1010.93	1010.95	1010.99	1011.01	1011.01	1011.01	1011.02	1010.94
	16	1011.01	1010.97	1010.94	1010.96	1010.99	1011.02	1011.05	1011.10	1011.19	1011.23	1011.24	1011.29	1011.08
	17	1011.32	1011.33	1011.35	1011.38	1011.43	1011.47	1011.50	1011.53	1011.56	1011.54	1011.54	1011.55	1011.46
	18	1011.55	1011.58	1011.61	1011.65	1011.66	1011.67	1011.72	1011.77	1011.78	1011.80	1011.85	1011.91	1011.71
	19	1011.94	1011.97	1012.02	1012.10	1012.20	1012.25	1012.29	1012.36	1012.40	1012.45	1012.52	1012.54	1012.25
	20	1012.54	1012.56	1012.58	1012.61	1012.63	1012.64	1012.68	1012.71	1012.67	1012.59	1012.54	1012.51	1012.60
	21	1012.51	1012.52	1012.53	1012.53	1012.53	1012.51	1012.49	1012.51	1012.52	1012.52	1012.51	1012.48	1012.51
	22	1012.46	1012.49	1012.55	1012.58	1012.56	1012.53	1012.53	1012.51	1012.46	1012.40	1012.37	1012.38	1012.48
23	1012.37	1012.35	1012.34	1012.34	1012.34	1012.37	1012.41	1012.42	1012.45	1012.52	1012.57	1012.57	1012.42	
6	0	1012.56	1012.56	1012.55	1012.52	1012.48	1012.42	1012.35	1012.31	1012.29	1012.25	1012.20	1012.15	1012.38
	1	1012.11	1012.06	1012.05	1012.05	1012.04	1012.01	1011.99	1011.99	1011.98	1011.98	1012.00	1012.02	1012.02
	2	1012.02	1012.01	1011.98	1011.96	1011.95	1011.95	1011.97	1011.98	1011.95	1011.94	1011.96	1011.98	1011.97
	3	1011.98	1011.98	1011.94	1011.86	1011.80	1011.77	1011.78	1011.79	1011.80	1011.83	1011.85	1011.84	1011.85
	4	1011.81	1011.81	1011.81	1011.81	1011.80	1011.80	1011.83	1011.87	1011.89	1011.89	1011.88	1011.89	1011.84
	5	1011.88	1011.88	1011.91	1011.93	1011.93	1011.92	1011.97	1012.02	1012.03	1012.06	1012.10	1012.12	1011.98
	6	1012.18	1012.25	1012.31	1012.39	1012.45	1012.47	1012.47	1012.48	1012.52	1012.60	1012.66	1012.69	1012.45
	7	1012.70	1012.73	1012.76	1012.78	1012.81	1012.82	1012.84	1012.84	1012.87	1012.92	1012.96	1012.99	1012.83
	8	1013.03	1013.07	1013.09	1013.10	1013.11	1013.14	1013.19	1013.21	1013.23	1013.20	1013.14	1013.09	1013.13
	9	1013.05	1013.01	1012.99	1013.00	1013.00	1013.00	1013.00	1012.97	1012.95	1012.93	1012.90	1012.88	1012.97
	10	1012.87	1012.81	1012.76	1012.75	1012.72	1012.68	1012.65	1012.61	1012.55	1012.48	1012.43	1012.41	1012.64
	11	1012.38	1012.37	1012.38	1012.36	1012.32	1012.27	1012.21	1012.17	1012.14	1012.13	1012.10	1012.04	1012.24
	12	1011.99	1011.96	1011.93	1011.89	1011.89	1011.90	1011.89	1011.89	1011.87	1011.83	1011.81	1011.79	1011.89
	13	1011.75	1011.77	1011.82	1011.83	1011.80	1011.74	1011.72	1011.72	1011.69	1011.68	1011.68	1011.67	1011.74
	14	1011.61	1011.54	1011.52	1011.53	1011.54	1011.54	1011.51	1011.51	1011.50	1011.49	1011.51	1011.52	1011.52
	15	1011.51	1011.54	1011.59	1011.62	1011.65	1011.70	1011.72	1011.75	1011.80	1011.83	1011.86	1011.88	1011.70
	16	1011.91	1011.93	1011.93	1011.96	1012.03	1012.07	1012.09	1012.14	1012.20	1012.25	1012.31	1012.34	1012.09
	17	1012.34	1012.35	1012.38	1012.40	1012.44	1012.50	1012.55	1012.60	1012.65	1012.69	1012.75	1012.84	1012.54
	18	1012.88	1012.92	1013.01	1013.07	1013.09	1013.10	1013.10	1013.12	1013.14	1013.16	1013.19	1013.23	1013.08
	19	1013.28	1013.33	1013.41	1013.47	1013.49	1013.52	1013.59	1013.63	1013.68	1013.75	1013.78	1013.81	1013.56
	20	1013.86	1013.91	1013.93	1013.94	1013.97	1014.03	1014.06	1014.06	1014.10	1014.15	1014.17	1014.18	1014.03
	21	1014.15	1014.15	1014.22	1014.31	1014.34	1014.34	1014.39	1014.42	1014.42	1014.43	1014.45	1014.48	1014.34
	22	1014.47	1014.43	1014.39	1014.36	1014.35	1014.35	1014.37	1014.34	1014.31	1014.30	1014.31	1014.31	1014.36
23	1014.30	1014.33	1014.35	1014.36	1014.38	1014.42	1014.44	1014.44	1014.44	1014.45	1014.45	1014.43	1014.40	

S.V.I.R.CO. Observatory - Pressure in hectoPascal – October 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
7	0	1014.44	1014.47	1014.53	1014.57	1014.61	1014.67	1014.69	1014.66	1014.64	1014.66	1014.69	1014.68	1014.61
	1	1014.66	1014.68	1014.71	1014.71	1014.74	1014.75	1014.72	1014.72	1014.73	1014.75	1014.79	1014.81	1014.73
	2	1014.80	1014.79	1014.78	1014.78	1014.80	1014.81	1014.84	1014.88	1014.92	1014.96	1014.98	1015.02	1014.86
	3	1015.06	1015.08	1015.07	1015.12	1015.17	1015.17	1015.18	1015.22	1015.26	1015.28	1015.29	1015.31	1015.18
	4	1015.31	1015.31	1015.32	1015.36	1015.39	1015.42	1015.47	1015.49	1015.49	1015.50	1015.55	1015.63	1015.44
	5	1015.68	1015.73	1015.77	1015.80	1015.81	1015.83	1015.87	1015.88	1015.90	1015.94	1015.97	1016.00	1015.85
	6	1016.05	1016.10	1016.14	1016.19	1016.25	1016.30	1016.34	1016.36	1016.35	1016.35	1016.38	1016.41	1016.27
	7	1016.47	1016.55	1016.61	1016.67	1016.73	1016.79	1016.83	1016.90	1016.92	1016.92	1016.94	1016.98	1016.77
	8	1017.02	1017.04	1017.04	1017.04	1017.07	1017.14	1017.18	1017.20	1017.22	1017.22	1017.20	1017.20	1017.13
	9	1017.20	1017.19	1017.19	1017.20	1017.22	1017.20	1017.16	1017.15	1017.15	1017.13	1017.09	1017.08	1017.16
	10	1017.03	1016.94	1016.91	1016.92	1016.91	1016.87	1016.81	1016.76	1016.72	1016.68	1016.63	1016.57	1016.81
	11	1016.54	1016.53	1016.49	1016.43	1016.37	1016.31	1016.26	1016.22	1016.18	1016.13	1016.07	1016.02	1016.29
	12	1015.98	1015.95	1015.93	1015.88	1015.82	1015.77	1015.73	1015.71	1015.72	1015.70	1015.68	1015.72	1015.80
	13	1015.76	1015.75	1015.71	1015.70	1015.70	1015.68	1015.66	1015.66	1015.66	1015.64	1015.60	1015.60	1015.67
	14	1015.62	1015.61	1015.61	1015.61	1015.64	1015.65	1015.63	1015.62	1015.61	1015.62	1015.61	1015.58	1015.62
	15	1015.59	1015.62	1015.68	1015.70	1015.71	1015.71	1015.71	1015.70	1015.70	1015.70	1015.72	1015.74	1015.69
	16	1015.73	1015.71	1015.71	1015.72	1015.75	1015.84	1015.91	1015.94	1015.93	1015.93	1015.97	1016.01	1015.84
	17	1016.06	1016.13	1016.21	1016.30	1016.36	1016.38	1016.38	1016.40	1016.44	1016.46	1016.48	1016.50	1016.34
	18	1016.54	1016.56	1016.54	1016.51	1016.52	1016.57	1016.64	1016.67	1016.62	1016.59	1016.62	1016.71	1016.59
	19	1016.80	1016.85	1016.87	1016.90	1016.92	1016.93	1016.93	1016.91	1016.90	1016.90	1016.93	1016.94	1016.90
	20	1016.91	1016.95	1017.02	1017.05	1017.04	1017.01	1016.97	1016.92	1016.88	1016.86	1016.87	1016.92	1016.95
	21	1016.97	1017.00	1017.03	1017.09	1017.14	1017.16	1017.14	1017.11	1017.08	1017.04	1017.04	1017.03	1017.07
	22	1017.01	1016.98	1016.95	1016.93	1016.91	1016.93	1016.97	1016.96	1016.92	1016.87	1016.81	1016.77	1016.92
	23	1016.77	1016.78	1016.76	1016.72	1016.69	1016.72	1016.77	1016.82	1016.85	1016.85	1016.84	1016.88	1016.78
8	0	1016.94	1016.98	1017.02	1017.02	1016.97	1016.92	1016.91	1016.89	1016.89	1016.89	1016.87	1016.90	1016.93
	1	1016.91	1016.88	1016.86	1016.87	1016.93	1016.96	1016.97	1016.95	1016.91	1016.89	1016.86	1016.81	1016.90
	2	1016.78	1016.76	1016.74	1016.74	1016.77	1016.81	1016.81	1016.78	1016.73	1016.67	1016.67	1016.73	1016.75
	3	1016.73	1016.69	1016.68	1016.70	1016.72	1016.75	1016.79	1016.83	1016.84	1016.84	1016.86	1016.88	1016.77
	4	1016.85	1016.81	1016.79	1016.78	1016.80	1016.83	1016.86	1016.88	1016.88	1016.91	1016.94	1016.92	1016.85
	5	1016.88	1016.85	1016.84	1016.89	1016.94	1016.94	1016.92	1016.94	1017.01	1017.06	1017.08	1017.09	1016.95
	6	1017.11	1017.13	1017.11	1017.10	1017.07	1017.05	1017.06	1017.07	1017.08	1017.11	1017.17	1017.19	1017.10
	7	1017.18	1017.18	1017.21	1017.24	1017.26	1017.28	1017.32	1017.36	1017.39	1017.42	1017.47	1017.49	1017.31
	8	1017.50	1017.53	1017.56	1017.57	1017.57	1017.58	1017.60	1017.61	1017.60	1017.58	1017.57	1017.56	1017.57
	9	1017.56	1017.58	1017.59	1017.59	1017.55	1017.50	1017.45	1017.43	1017.43	1017.45	1017.45	1017.45	1017.50
	10	1017.44	1017.44	1017.42	1017.36	1017.29	1017.22	1017.19	1017.18	1017.15	1017.11	1017.03	1016.94	1017.23
	11	1016.86	1016.79	1016.74	1016.72	1016.67	1016.60	1016.52	1016.43	1016.37	1016.34	1016.33	1016.28	1016.55
	12	1016.24	1016.23	1016.20	1016.18	1016.18	1016.16	1016.13	1016.08	1016.04	1016.02	1016.02	1016.01	1016.12
	13	1016.00	1016.02	1016.05	1016.06	1016.05	1016.01	1015.95	1015.88	1015.83	1015.83	1015.85	1015.82	1015.94
	14	1015.78	1015.78	1015.77	1015.75	1015.74	1015.73	1015.72	1015.71	1015.70	1015.69	1015.68	1015.70	1015.73
	15	1015.73	1015.76	1015.77	1015.80	1015.84	1015.85	1015.83	1015.79	1015.79	1015.80	1015.79	1015.77	1015.79
	16	1015.77	1015.83	1015.90	1015.95	1016.00	1016.04	1016.06	1016.10	1016.14	1016.17	1016.22	1016.29	1016.04
	17	1016.35	1016.39	1016.42	1016.46	1016.48	1016.49	1016.53	1016.58	1016.60	1016.60	1016.58	1016.58	1016.50
	18	1016.60	1016.61	1016.61	1016.65	1016.71	1016.73	1016.75	1016.76	1016.78	1016.79	1016.80	1016.84	1016.72
	19	1016.89	1016.92	1016.93	1016.95	1016.99	1017.02	1017.04	1017.07	1017.09	1017.07	1017.07	1017.09	1017.01
	20	1017.10	1017.12	1017.13	1017.16	1017.19	1017.21	1017.26	1017.29	1017.28	1017.30	1017.35	1017.40	1017.23
	21	1017.44	1017.47	1017.48	1017.47	1017.48	1017.52	1017.56	1017.57	1017.56	1017.56	1017.56	1017.54	1017.51
	22	1017.52	1017.53	1017.53	1017.53	1017.51	1017.49	1017.48	1017.47	1017.46	1017.46	1017.48	1017.49	1017.49
	23	1017.48	1017.50	1017.50	1017.48	1017.43	1017.41	1017.41	1017.40	1017.38	1017.35	1017.31	1017.28	1017.41





## S.V.I.R.CO. Observatory - Pressure in hectoPascal – October 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	1005.56	1005.50	1005.53	1005.72	1005.82	1005.77	1005.65	1005.53	1005.47	1005.47	1005.45	1005.39	1005.57
	1	1005.28	1005.17	1005.16	1005.20	1005.20	1005.11	1004.93	1004.80	1004.78	1004.79	1004.76	1004.73	1004.99
	2	1004.69	1004.67	1004.69	1004.62	1004.48	1004.39	1004.29	1004.22	1004.20	1004.21	1004.20	1004.08	1004.39
	3	1003.99	1003.98	1003.92	1003.87	1003.89	1003.95	1003.98	1003.97	1003.96	1003.99	1004.02	1004.00	1003.96
	4	1003.95	1003.84	1003.81	1003.88	1003.89	1003.87	1003.86	1003.85	1003.87	1003.85	1003.84	1003.85	1003.86
	5	1003.84	1003.84	1003.83	1003.76	1003.68	1003.68	1003.73	1003.73	1003.77	1003.90	1004.01	1004.09	1003.82
	6	1004.18	1004.25	1004.27	1004.29	1004.26	1004.20	1004.23	1004.27	1004.29	1004.35	1004.41	1004.43	1004.28
	7	1004.47	1004.50	1004.46	1004.38	1004.36	1004.41	1004.40	1004.34	1004.30	1004.27	1004.25	1004.20	1004.36
	8	1004.19	1004.21	1004.18	1004.13	1004.07	1004.00	1003.98	1003.97	1003.92	1003.87	1003.90	1004.00	1004.03
	9	1004.11	1004.18	1004.21	1004.28	1004.35	1004.36	1004.36	1004.43	1004.48	1004.50	1004.54	1004.50	1004.36
	10	1004.49	1004.47	1004.41	1004.39	1004.37	1004.36	1004.36	1004.34	1004.33	1004.31	1004.27	1004.25	1004.36
	11	1004.22	1004.18	1004.15	1004.08	1003.98	1003.94	1003.87	1003.79	1003.76	1003.73	1003.72	1003.71	1003.92
	12	1003.66	1003.62	1003.61	1003.58	1003.54	1003.53	1003.47	1003.44	1003.48	1003.48	1003.43	1003.37	1003.52
	13	1003.29	1003.18	1003.13	1003.12	1003.09	1003.10	1003.10	1003.07	1003.04	1003.02	1002.98	1002.92	1003.08
	14	1002.88	1002.84	1002.81	1002.79	1002.83	1002.89	1002.90	1002.85	1002.78	1002.68	1002.60	1002.56	1002.78
	15	1002.57	1002.61	1002.64	1002.68	1002.70	1002.74	1002.77	1002.81	1002.86	1002.88	1002.90	1002.97	1002.76
	16	1003.07	1003.16	1003.25	1003.36	1003.45	1003.49	1003.51	1003.52	1003.49	1003.46	1003.45	1003.46	1003.39
	17	1003.53	1003.64	1003.72	1003.75	1003.80	1003.87	1003.94	1003.96	1003.95	1003.93	1003.88	1003.86	1003.82
	18	1003.90	1003.95	1003.98	1004.00	1004.02	1004.01	1003.98	1004.05	1004.17	1004.29	1004.33	1004.43	1004.09
	19	1004.62	1004.60	1004.47	1004.37	1004.35	1004.40	1004.46	1004.51	1004.47	1004.41	1004.39	1004.39	1004.45
	20	1004.37	1004.35	1004.36	1004.41	1004.47	1004.47	1004.40	1004.38	1004.43	1004.46	1004.47	1004.47	1004.42
	21	1004.40	1004.31	1004.31	1004.36	1004.41	1004.47	1004.49	1004.48	1004.41	1004.29	1004.22	1004.25	1004.36
	22	1004.26	1004.26	1004.24	1004.25	1004.28	1004.29	1004.30	1004.31	1004.24	1004.18	1004.19	1004.25	1004.25
	23	1004.44	1004.82	1005.10	1005.14	1005.05	1004.92	1004.83	1004.77	1004.72	1004.67	1004.64	1004.61	1004.81
14	0	1004.47	1004.47	1004.45	1004.46	1004.53	1004.60	1004.63	1004.62	1004.62	1004.60	1004.56	1004.50	1004.54
	1	1004.40	1004.35	1004.31	1004.23	1004.15	1004.09	1004.07	1004.06	1004.05	1004.03	1004.02	1003.99	1004.14
	2	1003.94	1003.87	1003.84	1003.84	1003.84	1003.84	1003.83	1003.82	1003.82	1003.80	1003.77	1003.76	1003.83
	3	1003.76	1003.76	1003.78	1003.82	1003.85	1003.85	1003.87	1003.91	1003.93	1003.92	1003.95	1004.00	1003.86
	4	1004.04	1004.10	1004.13	1004.14	1004.17	1004.20	1004.22	1004.21	1004.21	1004.24	1004.27	1004.28	1004.18
	5	1004.27	1004.25	1004.24	1004.25	1004.31	1004.36	1004.38	1004.40	1004.41	1004.42	1004.42	1004.44	1004.34
	6	1004.47	1004.54	1004.59	1004.61	1004.67	1004.75	1004.82	1004.90	1004.94	1004.96	1005.02	1005.10	1004.78
	7	1005.14	1005.13	1005.10	1005.10	1005.10	1005.10	1005.12	1005.14	1005.16	1005.17	1005.19	1005.21	1005.14
	8	1005.21	1005.24	1005.28	1005.32	1005.37	1005.44	1005.48	1005.48	1005.49	1005.51	1005.52	1005.53	1005.40
	9	1005.52	1005.53	1005.55	1005.56	1005.59	1005.60	1005.59	1005.57	1005.56	1005.55	1005.54	1005.54	1005.56
	10	1005.56	1005.61	1005.66	1005.71	1005.74	1005.74	1005.72	1005.71	1005.71	1005.70	1005.69	1005.69	1005.68
	11	1005.66	1005.60	1005.53	1005.46	1005.45	1005.45	1005.43	1005.39	1005.35	1005.29	1005.23	1005.19	1005.42
	12	1005.13	1005.05	1004.96	1004.88	1004.83	1004.82	1004.81	1004.79	1004.76	1004.71	1004.68	1004.68	1004.84
	13	1004.68	1004.68	1004.69	1004.70	1004.68	1004.65	1004.64	1004.66	1004.71	1004.76	1004.79	1004.79	1004.70
	14	1004.77	1004.75	1004.76	1004.78	1004.78	1004.75	1004.71	1004.68	1004.68	1004.70	1004.72	1004.72	1004.73
	15	1004.72	1004.73	1004.75	1004.77	1004.78	1004.77	1004.78	1004.81	1004.82	1004.81	1004.80	1004.81	1004.78
	16	1004.84	1004.87	1004.92	1004.96	1004.99	1005.00	1005.02	1005.05	1005.08	1005.09	1005.10	1005.13	1005.00
	17	1005.16	1005.19	1005.20	1005.22	1005.25	1005.28	1005.32	1005.35	1005.37	1005.37	1005.37	1005.40	1005.29
	18	1005.41	1005.39	1005.40	1005.45	1005.52	1005.61	1005.68	1005.70	1005.69	1005.69	1005.72	1005.74	1005.58
	19	1005.77	1005.80	1005.82	1005.84	1005.85	1005.88	1005.91	1005.93	1005.95	1005.97	1005.99	1006.02	1005.89
	20	1006.03	1006.04	1006.06	1006.07	1006.06	1006.05	1006.06	1006.08	1006.10	1006.10	1006.08	1006.06	1006.06
	21	1006.07	1006.07	1006.07	1006.05	1006.02	1006.02	1006.02	1006.02	1006.02	1005.99	1005.95	1005.94	1006.02
	22	1005.97	1006.00	1006.00	1006.00	1006.00	1005.99	1005.98	1005.95	1005.90	1005.89	1005.88	1005.87	1005.95
	23	1005.87	1005.87	1005.85	1005.82	1005.83	1005.84	1005.80	1005.75	1005.72	1005.72	1005.75	1005.77	1005.80





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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	1005.13	1005.14	1005.12	1005.11	1005.12	1005.06	1005.05	1005.02	1004.92	1004.87	1004.90	1004.92	1005.02
	1	1004.91	1004.87	1004.81	1004.75	1004.74	1004.71	1004.65	1004.64	1004.64	1004.64	1004.63	1004.61	1004.71
	2	1004.57	1004.52	1004.45	1004.42	1004.44	1004.47	1004.47	1004.48	1004.52	1004.50	1004.44	1004.40	1004.47
	3	1004.38	1004.41	1004.45	1004.48	1004.48	1004.52	1004.57	1004.60	1004.62	1004.65	1004.67	1004.70	1004.54
	4	1004.71	1004.70	1004.69	1004.68	1004.67	1004.66	1004.67	1004.66	1004.65	1004.68	1004.70	1004.74	1004.68
	5	1004.78	1004.77	1004.74	1004.68	1004.63	1004.62	1004.64	1004.69	1004.73	1004.72	1004.74	1004.80	1004.71
	6	1004.81	1004.81	1004.84	1004.86	1004.88	1004.91	1004.94	1004.95	1004.94	1004.95	1005.01	1005.05	1004.91
	7	1005.08	1005.11	1005.11	1005.13	1005.14	1005.16	1005.20	1005.19	1005.20	1005.24	1005.29	1005.36	1005.18
	8	1005.41	1005.42	1005.46	1005.55	1005.60	1005.64	1005.66	1005.69	1005.72	1005.71	1005.74	1005.77	1005.61
	9	1005.81	1005.83	1005.85	1005.92	1005.96	1005.92	1005.93	1005.97	1005.98	1005.98	1005.99	1006.06	1005.93
	10	1006.11	1006.12	1006.14	1006.12	1006.05	1006.04	1006.06	1006.08	1006.07	1006.05	1006.01	1005.97	1006.07
	11	1005.97	1005.97	1005.96	1005.97	1005.97	1005.98	1005.97	1005.91	1005.89	1005.89	1005.89	1005.90	1005.94
	12	1005.93	1005.95	1005.91	1005.86	1005.87	1005.88	1005.83	1005.77	1005.78	1005.80	1005.82	1005.82	1005.85
	13	1005.83	1005.89	1005.91	1005.92	1005.97	1006.00	1006.01	1006.05	1006.09	1006.12	1006.12	1006.09	1006.00
	14	1006.08	1006.10	1006.12	1006.14	1006.18	1006.21	1006.23	1006.25	1006.28	1006.32	1006.35	1006.39	1006.22
	15	1006.41	1006.42	1006.43	1006.45	1006.48	1006.47	1006.44	1006.46	1006.49	1006.51	1006.47	1006.44	1006.45
	16	1006.49	1006.54	1006.58	1006.59	1006.62	1006.68	1006.73	1006.77	1006.83	1006.91	1006.96	1006.99	1006.72
	17	1006.99	1006.99	1007.04	1007.05	1007.06	1007.08	1007.09	1007.10	1007.08	1007.09	1007.16	1007.20	1007.08
	18	1007.21	1007.21	1007.23	1007.20	1007.16	1007.17	1007.16	1007.13	1007.14	1007.17	1007.16	1007.11	1007.17
	19	1007.13	1007.19	1007.22	1007.26	1007.29	1007.30	1007.30	1007.29	1007.29	1007.30	1007.32	1007.33	1007.27
	20	1007.32	1007.31	1007.35	1007.39	1007.41	1007.42	1007.42	1007.42	1007.43	1007.44	1007.45	1007.42	1007.40
	21	1007.36	1007.34	1007.33	1007.35	1007.36	1007.34	1007.32	1007.31	1007.33	1007.33	1007.31	1007.28	1007.33
	22	1007.24	1007.24	1007.25	1007.24	1007.23	1007.23	1007.25	1007.25	1007.24	1007.26	1007.28	1007.29	1007.25
	23	1007.27	1007.25	1007.25	1007.24	1007.20	1007.12	1007.09	1007.11	1007.14	1007.15	1007.09	1007.03	1007.16
18	0	1007.05	1007.03	1006.94	1006.88	1006.88	1006.90	1006.92	1006.91	1006.88	1006.84	1006.85	1006.83	1006.90
	1	1006.80	1006.81	1006.82	1006.80	1006.75	1006.71	1006.65	1006.57	1006.53	1006.53	1006.49	1006.44	1006.66
	2	1006.45	1006.43	1006.40	1006.36	1006.29	1006.23	1006.23	1006.24	1006.25	1006.24	1006.21	1006.19	1006.29
	3	1006.17	1006.17	1006.20	1006.20	1006.19	1006.19	1006.15	1006.09	1006.05	1006.03	1006.03	1006.05	1006.12
	4	1006.12	1006.22	1006.32	1006.33	1006.27	1006.21	1006.20	1006.16	1006.10	1006.07	1006.08	1006.12	1006.18
	5	1006.13	1006.12	1006.15	1006.14	1006.11	1006.09	1006.03	1005.97	1005.95	1005.97	1005.97	1005.95	1006.05
	6	1005.93	1005.97	1006.04	1006.11	1006.20	1006.26	1006.33	1006.41	1006.45	1006.44	1006.42	1006.42	1006.25
	7	1006.40	1006.39	1006.41	1006.45	1006.46	1006.41	1006.37	1006.36	1006.35	1006.35	1006.38	1006.39	1006.39
	8	1006.41	1006.49	1006.55	1006.55	1006.51	1006.47	1006.46	1006.44	1006.40	1006.41	1006.38	1006.26	1006.44
	9	1006.19	1006.18	1006.14	1006.04	1005.92	1005.87	1005.90	1005.92	1005.89	1005.85	1005.80	1005.75	1005.95
	10	1005.71	1005.73	1005.75	1005.69	1005.59	1005.47	1005.35	1005.25	1005.19	1005.16	1005.14	1005.12	1005.43
	11	1005.08	1005.01	1004.93	1004.85	1004.77	1004.67	1004.54	1004.42	1004.34	1004.25	1004.14	1004.03	1004.58
	12	1003.93	1003.86	1003.82	1003.77	1003.70	1003.63	1003.57	1003.52	1003.47	1003.42	1003.36	1003.27	1003.61
	13	1003.17	1003.11	1003.09	1003.10	1003.08	1003.07	1003.03	1002.96	1002.85	1002.76	1002.71	1002.70	1002.97
	14	1002.67	1002.61	1002.56	1002.54	1002.52	1002.50	1002.45	1002.41	1002.40	1002.37	1002.30	1002.27	1002.46
	15	1002.25	1002.22	1002.17	1002.12	1002.06	1002.02	1002.00	1001.97	1001.97	1001.97	1001.96	1001.94	1002.05
	16	1001.92	1001.93	1001.91	1001.89	1001.90	1001.90	1001.90	1001.89	1001.88	1001.86	1001.89	1001.93	1001.90
	17	1001.94	1001.96	1001.95	1001.95	1002.00	1002.00	1001.98	1002.00	1002.01	1002.00	1001.96	1001.89	1001.97
	18	1001.85	1001.87	1001.88	1001.87	1001.82	1001.76	1001.72	1001.71	1001.73	1001.73	1001.70	1001.65	1001.77
	19	1001.61	1001.61	1001.62	1001.63	1001.60	1001.54	1001.54	1001.57	1001.54	1001.47	1001.44	1001.46	1001.55
	20	1001.47	1001.43	1001.41	1001.39	1001.35	1001.30	1001.26	1001.26	1001.24	1001.18	1001.14	1001.14	1001.30
	21	1001.11	1001.06	1001.01	1000.95	1000.92	1000.83	1000.73	1000.67	1000.61	1000.53	1000.47	1000.40	1000.77
	22	1000.34	1000.32	1000.32	1000.32	1000.29	1000.27	1000.24	1000.20	1000.17	1000.14	1000.10	1000.09	1000.23
	23	1000.09	1000.05	1000.02	999.97	999.90	999.86	999.82	999.77	999.77	999.75	999.69	999.63	999.86

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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	999.60	999.52	999.43	999.40	999.35	999.32	999.28	999.23	999.22	999.19	999.15	999.07	999.30
	1	999.01	999.02	998.99	998.93	998.92	998.94	998.94	998.92	998.93	998.92	998.87	998.85	998.93
	2	998.84	998.87	998.92	998.91	998.85	998.84	998.82	998.76	998.74	998.76	998.77	998.73	998.82
	3	998.72	998.75	998.78	998.77	998.75	998.79	998.87	998.94	998.96	998.97	998.96	998.95	998.85
	4	998.95	998.94	998.94	998.95	998.93	998.90	998.88	998.86	998.84	998.80	998.79	998.82	998.88
	5	998.84	998.84	998.85	998.89	998.94	998.96	998.99	999.07	999.16	999.22	999.27	999.35	999.03
	6	999.42	999.50	999.57	999.63	999.65	999.64	999.67	999.68	999.70	999.75	999.81	999.88	999.66
	7	999.96	1000.02	1000.02	1000.00	999.98	999.94	999.92	999.95	1000.00	1000.08	1000.14	1000.18	1000.01
	8	1000.23	1000.27	1000.29	1000.31	1000.35	1000.41	1000.40	1000.37	1000.39	1000.44	1000.47	1000.48	1000.36
	9	1000.46	1000.42	1000.44	1000.43	1000.38	1000.36	1000.35	1000.34	1000.34	1000.36	1000.38	1000.38	1000.38
	10	1000.37	1000.32	1000.30	1000.28	1000.27	1000.27	1000.25	1000.28	1000.35	1000.43	1000.52	1000.52	1000.34
	11	1000.49	1000.49	1000.47	1000.44	1000.40	1000.42	1000.43	1000.41	1000.36	1000.30	1000.25	1000.23	1000.39
	12	1000.23	1000.26	1000.27	1000.26	1000.26	1000.25	1000.24	1000.22	1000.21	1000.22	1000.19	1000.15	1000.23
	13	1000.15	1000.15	1000.14	1000.14	1000.19	1000.23	1000.26	1000.32	1000.36	1000.35	1000.33	1000.30	1000.24
	14	1000.31	1000.32	1000.30	1000.28	1000.28	1000.30	1000.28	1000.21	1000.19	1000.23	1000.27	1000.28	1000.27
	15	1000.29	1000.32	1000.37	1000.40	1000.43	1000.45	1000.47	1000.47	1000.49	1000.54	1000.63	1000.72	1000.46
	16	1000.79	1000.83	1000.89	1000.96	1001.00	1001.05	1001.09	1001.18	1001.30	1001.36	1001.41	1001.49	1001.11
	17	1001.59	1001.69	1001.76	1001.85	1001.97	1002.07	1002.13	1002.18	1002.26	1002.36	1002.43	1002.50	1002.06
	18	1002.59	1002.64	1002.66	1002.69	1002.76	1002.88	1002.93	1003.01	1003.11	1003.12	1003.09	1003.05	1002.87
	19	1003.06	1003.11	1003.16	1003.18	1003.21	1003.26	1003.30	1003.37	1003.48	1003.54	1003.58	1003.63	1003.32
	20	1003.65	1003.63	1003.63	1003.65	1003.60	1003.63	1003.74	1003.81	1003.88	1003.96	1004.02	1004.06	1003.77
	21	1004.10	1004.16	1004.25	1004.31	1004.32	1004.30	1004.31	1004.36	1004.37	1004.40	1004.41	1004.36	1004.30
	22	1004.33	1004.37	1004.43	1004.50	1004.58	1004.56	1004.52	1004.56	1004.65	1004.70	1004.68	1004.64	1004.54
	23	1004.59	1004.59	1004.63	1004.68	1004.70	1004.68	1004.67	1004.67	1004.67	1004.62	1004.63	1004.73	1004.65
20	0	1004.88	1004.87	1004.80	1004.73	1004.79	1004.90	1004.92	1004.93	1004.95	1004.93	1004.95	1004.97	1004.88
	1	1004.96	1004.99	1005.00	1005.06	1005.14	1005.17	1005.18	1005.16	1005.14	1005.17	1005.23	1005.21	1005.12
	2	1005.16	1005.12	1005.06	1005.00	1005.01	1004.99	1004.93	1004.91	1004.91	1004.97	1004.99	1004.98	1005.00
	3	1005.00	1005.05	1005.09	1005.09	1005.08	1005.08	1005.10	1005.16	1005.15	1005.10	1005.07	1005.02	1005.08
	4	1004.98	1004.95	1004.87	1004.82	1004.85	1004.88	1004.89	1004.90	1004.95	1004.98	1004.99	1005.02	1004.92
	5	1005.03	1005.01	1005.00	1005.01	1005.03	1005.04	1005.05	1005.09	1005.09	1005.10	1005.13	1005.18	1005.06
	6	1005.26	1005.31	1005.33	1005.33	1005.37	1005.47	1005.54	1005.55	1005.56	1005.53	1005.47	1005.45	1005.43
	7	1005.40	1005.34	1005.33	1005.41	1005.49	1005.49	1005.47	1005.48	1005.43	1005.33	1005.27	1005.24	1005.39
	8	1005.25	1005.28	1005.29	1005.29	1005.29	1005.29	1005.25	1005.23	1005.22	1005.21	1005.18	1005.11	1005.24
	9	1005.07	1005.04	1005.04	1005.00	1004.94	1004.85	1004.79	1004.72	1004.68	1004.74	1004.75	1004.75	1004.86
	10	1004.77	1004.76	1004.71	1004.73	1004.80	1004.84	1004.79	1004.79	1004.86	1004.85	1004.78	1004.74	1004.78
	11	1004.74	1004.70	1004.62	1004.56	1004.55	1004.55	1004.51	1004.50	1004.45	1004.36	1004.33	1004.36	1004.52
	12	1004.37	1004.38	1004.39	1004.36	1004.36	1004.38	1004.38	1004.37	1004.40	1004.44	1004.49	1004.53	1004.40
	13	1004.58	1004.62	1004.62	1004.67	1004.70	1004.69	1004.72	1004.77	1004.80	1004.82	1004.87	1004.89	1004.73
	14	1004.92	1005.00	1005.07	1005.13	1005.19	1005.24	1005.31	1005.38	1005.45	1005.50	1005.54	1005.62	1005.28
	15	1005.69	1005.77	1005.83	1005.86	1005.90	1005.97	1006.03	1006.11	1006.20	1006.24	1006.24	1006.28	1006.01
	16	1006.38	1006.48	1006.57	1006.66	1006.76	1006.88	1007.01	1007.14	1007.23	1007.30	1007.41	1007.56	1006.95
	17	1007.71	1007.82	1007.88	1007.92	1008.03	1008.21	1008.36	1008.47	1008.54	1008.62	1008.72	1008.81	1008.26
	18	1008.90	1008.97	1009.01	1009.07	1009.22	1009.38	1009.44	1009.45	1009.48	1009.56	1009.66	1009.71	1009.32
	19	1009.75	1009.83	1009.95	1010.07	1010.17	1010.25	1010.33	1010.41	1010.49	1010.52	1010.58	1010.68	1010.25
	20	1010.75	1010.78	1010.78	1010.81	1010.89	1010.98	1011.05	1011.11	1011.22	1011.33	1011.38	1011.37	1011.04
	21	1011.38	1011.44	1011.55	1011.65	1011.73	1011.84	1011.96	1012.02	1012.01	1011.96	1011.98	1012.08	1011.80
	22	1012.18	1012.20	1012.21	1012.30	1012.39	1012.46	1012.50	1012.52	1012.54	1012.58	1012.61	1012.63	1012.43
	23	1012.64	1012.68	1012.75	1012.79	1012.83	1012.86	1012.89	1012.93	1012.97	1012.98	1012.99	1013.02	1012.86

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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	1013.03	1013.05	1013.13	1013.25	1013.33	1013.34	1013.33	1013.40	1013.51	1013.58	1013.57	1013.55	1013.35
	1	1013.57	1013.60	1013.59	1013.56	1013.56	1013.57	1013.60	1013.66	1013.71	1013.76	1013.80	1013.86	1013.65
	2	1013.91	1013.91	1013.89	1013.90	1013.94	1013.97	1013.99	1014.01	1014.07	1014.17	1014.21	1014.20	1014.01
	3	1014.22	1014.28	1014.32	1014.34	1014.40	1014.47	1014.51	1014.55	1014.60	1014.69	1014.77	1014.79	1014.49
	4	1014.80	1014.86	1014.93	1014.95	1014.98	1015.06	1015.15	1015.21	1015.23	1015.25	1015.31	1015.36	1015.09
	5	1015.42	1015.50	1015.60	1015.70	1015.79	1015.86	1015.93	1015.99	1016.06	1016.15	1016.25	1016.33	1015.88
	6	1016.43	1016.53	1016.59	1016.66	1016.73	1016.80	1016.86	1016.92	1016.98	1017.07	1017.16	1017.22	1016.83
	7	1017.27	1017.34	1017.39	1017.43	1017.47	1017.54	1017.62	1017.68	1017.72	1017.75	1017.82	1017.89	1017.57
	8	1017.93	1017.96	1017.98	1018.00	1018.01	1018.03	1018.04	1018.05	1018.05	1018.05	1018.05	1018.09	1018.02
	9	1018.12	1018.14	1018.19	1018.23	1018.26	1018.30	1018.36	1018.39	1018.41	1018.46	1018.52	1018.57	1018.33
	10	1018.59	1018.62	1018.68	1018.73	1018.79	1018.84	1018.88	1018.89	1018.89	1018.89	1018.88	1018.86	1018.79
	11	1018.84	1018.85	1018.83	1018.78	1018.74	1018.69	1018.69	1018.70	1018.68	1018.64	1018.58	1018.55	1018.71
	12	1018.53	1018.49	1018.47	1018.45	1018.44	1018.45	1018.47	1018.50	1018.52	1018.51	1018.51	1018.53	1018.49
	13	1018.53	1018.55	1018.58	1018.59	1018.58	1018.57	1018.61	1018.65	1018.66	1018.69	1018.74	1018.78	1018.63
	14	1018.81	1018.82	1018.83	1018.88	1018.91	1018.91	1018.93	1018.97	1018.99	1019.02	1019.07	1019.13	1018.94
	15	1019.14	1019.16	1019.21	1019.24	1019.31	1019.41	1019.44	1019.47	1019.51	1019.56	1019.62	1019.69	1019.39
	16	1019.76	1019.81	1019.86	1019.91	1019.98	1020.04	1020.10	1020.13	1020.16	1020.23	1020.32	1020.40	1020.06
	17	1020.45	1020.51	1020.54	1020.54	1020.54	1020.55	1020.56	1020.59	1020.63	1020.68	1020.72	1020.78	1020.59
	18	1020.83	1020.88	1020.93	1020.95	1020.99	1021.05	1021.10	1021.12	1021.12	1021.14	1021.13	1021.13	1021.03
	19	1021.16	1021.21	1021.24	1021.25	1021.25	1021.25	1021.28	1021.31	1021.35	1021.41	1021.46	1021.52	1021.30
	20	1021.58	1021.65	1021.72	1021.76	1021.80	1021.85	1021.88	1021.89	1021.92	1021.95	1021.96	1021.96	1021.82
	21	1021.95	1021.98	1022.01	1022.04	1022.09	1022.13	1022.16	1022.18	1022.15	1022.10	1022.09	1022.11	1022.08
	22	1022.14	1022.15	1022.17	1022.18	1022.15	1022.11	1022.11	1022.12	1022.10	1022.10	1022.11	1022.14	1022.13
	23	1022.18	1022.19	1022.18	1022.19	1022.19	1022.17	1022.16	1022.15	1022.12	1022.13	1022.16	1022.16	1022.16
22	0	1022.17	1022.18	1022.21	1022.24	1022.28	1022.31	1022.30	1022.29	1022.28	1022.26	1022.26	1022.26	1022.26
	1	1022.26	1022.24	1022.22	1022.21	1022.21	1022.19	1022.17	1022.15	1022.12	1022.10	1022.12	1022.11	1022.17
	2	1022.06	1022.03	1022.02	1021.97	1021.93	1021.93	1021.93	1021.93	1021.95	1021.97	1021.96	1021.95	1021.97
	3	1021.96	1021.97	1021.98	1022.00	1022.03	1022.10	1022.14	1022.17	1022.18	1022.14	1022.12	1022.12	1022.07
	4	1022.13	1022.11	1022.09	1022.10	1022.09	1022.06	1022.03	1022.06	1022.08	1022.08	1022.06	1022.06	1022.08
	5	1022.10	1022.15	1022.17	1022.16	1022.17	1022.19	1022.25	1022.28	1022.26	1022.28	1022.32	1022.34	1022.22
	6	1022.37	1022.43	1022.49	1022.51	1022.55	1022.62	1022.68	1022.75	1022.84	1022.88	1022.88	1022.88	1022.65
	7	1022.93	1022.99	1023.02	1023.01	1023.00	1022.98	1022.98	1022.99	1023.01	1023.04	1023.07	1023.12	1023.01
	8	1023.16	1023.19	1023.22	1023.22	1023.20	1023.19	1023.16	1023.13	1023.10	1023.08	1023.08	1023.05	1023.14
	9	1023.04	1023.06	1023.08	1023.06	1023.01	1022.97	1022.94	1022.95	1022.96	1022.93	1022.91	1022.89	1022.98
	10	1022.87	1022.86	1022.81	1022.77	1022.75	1022.71	1022.67	1022.62	1022.55	1022.48	1022.42	1022.36	1022.65
	11	1022.32	1022.28	1022.21	1022.15	1022.09	1022.03	1021.99	1021.94	1021.90	1021.85	1021.82	1021.79	1022.03
	12	1021.74	1021.67	1021.61	1021.55	1021.50	1021.45	1021.38	1021.31	1021.26	1021.24	1021.23	1021.20	1021.42
	13	1021.16	1021.14	1021.14	1021.14	1021.14	1021.12	1021.12	1021.14	1021.12	1021.11	1021.11	1021.08	1021.12
	14	1021.07	1021.07	1021.05	1021.07	1021.08	1021.08	1021.09	1021.09	1021.09	1021.08	1021.05	1021.02	1021.07
	15	1021.01	1021.00	1020.98	1020.94	1020.91	1020.90	1020.87	1020.84	1020.80	1020.78	1020.76	1020.75	1020.88
	16	1020.73	1020.70	1020.70	1020.72	1020.73	1020.73	1020.71	1020.69	1020.69	1020.71	1020.74	1020.77	1020.72
	17	1020.78	1020.80	1020.81	1020.85	1020.91	1020.94	1020.95	1020.98	1021.00	1020.98	1020.97	1020.96	1020.91
	18	1020.95	1020.95	1020.96	1020.97	1021.00	1021.02	1021.05	1021.06	1021.07	1021.09	1021.11	1021.12	1021.03
	19	1021.14	1021.13	1021.11	1021.11	1021.12	1021.15	1021.16	1021.18	1021.23	1021.27	1021.30	1021.34	1021.18
	20	1021.36	1021.37	1021.36	1021.32	1021.31	1021.33	1021.34	1021.34	1021.31	1021.30	1021.28	1021.27	1021.32
	21	1021.26	1021.23	1021.19	1021.16	1021.16	1021.16	1021.14	1021.10	1021.05	1021.03	1021.04	1021.03	1021.13
	22	1021.02	1021.03	1021.04	1021.06	1021.06	1021.04	1021.03	1021.00	1020.95	1020.94	1020.94	1020.92	1021.00
	23	1020.91	1020.89	1020.88	1020.87	1020.85	1020.82	1020.82	1020.82	1020.82	1020.82	1020.84	1020.86	1020.85

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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
23	0	1020.86	1020.88	1020.86	1020.82	1020.79	1020.75	1020.70	1020.69	1020.69	1020.68	1020.65	1020.63	1020.74
	1	1020.61	1020.60	1020.57	1020.52	1020.48	1020.44	1020.38	1020.34	1020.28	1020.22	1020.19	1020.12	1020.39
	2	1020.04	1019.97	1019.90	1019.87	1019.85	1019.80	1019.73	1019.68	1019.67	1019.66	1019.64	1019.63	1019.78
	3	1019.59	1019.55	1019.51	1019.45	1019.42	1019.41	1019.42	1019.45	1019.48	1019.48	1019.42	1019.39	1019.46
	4	1019.37	1019.39	1019.41	1019.39	1019.39	1019.38	1019.36	1019.32	1019.27	1019.23	1019.23	1019.26	1019.33
	5	1019.27	1019.29	1019.28	1019.22	1019.21	1019.23	1019.22	1019.24	1019.28	1019.31	1019.29	1019.24	1019.26
	6	1019.29	1019.36	1019.36	1019.35	1019.34	1019.34	1019.33	1019.31	1019.35	1019.40	1019.38	1019.35	1019.34
	7	1019.34	1019.37	1019.40	1019.43	1019.42	1019.41	1019.42	1019.37	1019.34	1019.34	1019.32	1019.32	1019.37
	8	1019.35	1019.35	1019.32	1019.29	1019.29	1019.30	1019.31	1019.33	1019.34	1019.31	1019.29	1019.27	1019.31
	9	1019.29	1019.29	1019.28	1019.28	1019.26	1019.22	1019.19	1019.18	1019.16	1019.14	1019.10	1019.05	1019.20
	10	1019.03	1019.03	1019.01	1018.95	1018.87	1018.80	1018.75	1018.71	1018.67	1018.59	1018.50	1018.40	1018.77
	11	1018.30	1018.20	1018.13	1018.09	1018.01	1017.92	1017.86	1017.80	1017.76	1017.72	1017.64	1017.59	1017.92
	12	1017.54	1017.45	1017.39	1017.36	1017.32	1017.29	1017.25	1017.18	1017.13	1017.07	1017.01	1016.95	1017.24
	13	1016.90	1016.86	1016.85	1016.84	1016.82	1016.80	1016.75	1016.71	1016.72	1016.71	1016.70	1016.72	1016.78
	14	1016.69	1016.62	1016.58	1016.58	1016.62	1016.66	1016.66	1016.65	1016.64	1016.62	1016.60	1016.57	1016.62
	15	1016.52	1016.44	1016.39	1016.35	1016.31	1016.27	1016.23	1016.17	1016.13	1016.11	1016.10	1016.07	1016.25
	16	1016.04	1016.02	1016.02	1016.05	1016.07	1016.10	1016.13	1016.18	1016.22	1016.22	1016.23	1016.27	1016.13
	17	1016.32	1016.35	1016.39	1016.43	1016.44	1016.39	1016.35	1016.35	1016.37	1016.36	1016.27	1016.19	1016.35
	18	1016.20	1016.24	1016.24	1016.23	1016.23	1016.24	1016.28	1016.29	1016.28	1016.25	1016.24	1016.26	1016.25
	19	1016.28	1016.31	1016.34	1016.33	1016.26	1016.19	1016.15	1016.14	1016.14	1016.17	1016.21	1016.25	1016.23
	20	1016.31	1016.38	1016.39	1016.39	1016.42	1016.47	1016.49	1016.48	1016.44	1016.40	1016.35	1016.34	1016.40
	21	1016.37	1016.37	1016.35	1016.32	1016.28	1016.25	1016.26	1016.24	1016.22	1016.22	1016.21	1016.17	1016.27
	22	1016.09	1016.03	1016.02	1016.04	1016.04	1016.00	1015.96	1015.95	1015.94	1015.93	1015.90	1015.90	1015.98
	23	1015.88	1015.84	1015.80	1015.77	1015.74	1015.69	1015.69	1015.72	1015.74	1015.76	1015.73	1015.70	1015.75
24	0	1015.63	1015.58	1015.49	1015.46	1015.46	1015.41	1015.38	1015.38	1015.35	1015.31	1015.28	1015.23	1015.40
	1	1015.15	1015.06	1014.99	1014.98	1014.97	1014.92	1014.88	1014.82	1014.74	1014.66	1014.59	1014.55	1014.86
	2	1014.49	1014.42	1014.37	1014.32	1014.28	1014.27	1014.23	1014.15	1014.12	1014.15	1014.18	1014.20	1014.26
	3	1014.19	1014.15	1014.12	1014.16	1014.23	1014.25	1014.23	1014.21	1014.19	1014.20	1014.22	1014.23	1014.19
	4	1014.22	1014.20	1014.18	1014.16	1014.14	1014.12	1014.13	1014.14	1014.12	1014.12	1014.12	1014.10	1014.14
	5	1014.05	1014.02	1014.03	1014.03	1013.97	1013.93	1013.93	1013.92	1013.91	1013.89	1013.90	1013.91	1013.96
	6	1013.87	1013.91	1014.01	1014.09	1014.15	1014.18	1014.20	1014.18	1014.19	1014.24	1014.30	1014.35	1014.14
	7	1014.34	1014.32	1014.32	1014.30	1014.26	1014.22	1014.20	1014.23	1014.29	1014.29	1014.27	1014.28	1014.27
	8	1014.27	1014.25	1014.23	1014.22	1014.21	1014.18	1014.17	1014.17	1014.18	1014.19	1014.18	1014.16	1014.20
	9	1014.13	1014.08	1014.03	1013.99	1013.95	1013.93	1013.90	1013.83	1013.79	1013.77	1013.74	1013.73	1013.90
	10	1013.74	1013.74	1013.73	1013.72	1013.70	1013.67	1013.60	1013.51	1013.40	1013.33	1013.28	1013.19	1013.55
	11	1013.09	1013.03	1012.95	1012.89	1012.86	1012.78	1012.70	1012.63	1012.55	1012.47	1012.39	1012.31	1012.72
	12	1012.20	1012.08	1012.03	1011.95	1011.84	1011.78	1011.72	1011.65	1011.58	1011.53	1011.52	1011.49	1011.78
	13	1011.45	1011.43	1011.44	1011.43	1011.43	1011.46	1011.47	1011.48	1011.49	1011.48	1011.45	1011.41	1011.45
	14	1011.38	1011.38	1011.36	1011.34	1011.31	1011.27	1011.26	1011.27	1011.26	1011.23	1011.18	1011.14	1011.28
	15	1011.10	1011.06	1011.06	1011.08	1011.05	1011.01	1011.00	1011.01	1011.01	1010.98	1010.96	1010.95	1011.02
	16	1010.91	1010.85	1010.80	1010.77	1010.72	1010.65	1010.59	1010.53	1010.46	1010.42	1010.41	1010.40	1010.62
	17	1010.42	1010.43	1010.44	1010.44	1010.41	1010.41	1010.44	1010.46	1010.48	1010.49	1010.46	1010.43	1010.44
	18	1010.41	1010.40	1010.45	1010.48	1010.45	1010.39	1010.37	1010.36	1010.27	1010.17	1010.15	1010.13	1010.33
	19	1010.12	1010.08	1010.04	1010.08	1010.09	1010.06	1010.02	1009.97	1009.95	1009.95	1009.93	1009.90	1010.01
	20	1009.86	1009.82	1009.80	1009.81	1009.84	1009.86	1009.88	1009.86	1009.81	1009.77	1009.74	1009.72	1009.81
	21	1009.72	1009.73	1009.69	1009.61	1009.56	1009.53	1009.46	1009.39	1009.35	1009.27	1009.23	1009.25	1009.48
	22	1009.21	1009.12	1008.99	1008.89	1008.82	1008.73	1008.58	1008.41	1008.31	1008.22	1008.14	1008.05	1008.62
	23	1007.90	1007.78	1007.76	1007.89	1007.89	1007.69	1007.53	1007.42	1007.41	1007.50	1007.54	1007.51	1007.65

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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
25	0	1007.60	1007.66	1007.74	1007.78	1007.71	1007.56	1007.49	1007.38	1007.28	1007.20	1007.02	1006.87	1007.43
	1	1006.75	1006.59	1006.47	1006.38	1006.24	1006.10	1005.98	1005.87	1005.78	1005.70	1005.61	1005.51	1006.08
	2	1005.39	1005.24	1005.13	1005.16	1005.19	1005.17	1005.12	1005.03	1004.99	1004.94	1004.85	1004.76	1005.08
	3	1004.69	1004.58	1004.47	1004.45	1004.44	1004.38	1004.34	1004.28	1004.20	1004.14	1004.12	1004.13	1004.35
	4	1004.09	1004.04	1004.07	1004.00	1003.87	1003.80	1003.76	1003.72	1003.67	1003.61	1003.58	1003.54	1003.81
	5	1003.44	1003.34	1003.25	1003.16	1003.08	1003.05	1003.04	1003.06	1003.10	1003.12	1003.13	1003.08	1003.15
	6	1002.93	1002.92	1003.01	1003.07	1003.11	1003.00	1003.00	1003.15	1003.23	1003.26	1003.24	1003.32	1003.10
	7	1003.31	1003.18	1003.27	1003.31	1003.24	1003.26	1003.26	1003.33	1003.33	1003.21	1003.22	1003.21	1003.26
	8	1003.14	1003.07	1003.07	1003.10	1003.13	1003.17	1003.15	1003.13	1003.14	1003.13	1003.12	1003.14	1003.12
	9	1003.10	1003.02	1002.98	1002.97	1002.97	1002.93	1002.93	1002.97	1002.94	1002.94	1002.96	1002.95	1002.97
	10	1002.96	1002.98	1002.99	1002.97	1002.89	1002.85	1002.82	1002.72	1002.65	1002.62	1002.63	1002.65	1002.81
	11	1002.64	1002.61	1002.61	1002.57	1002.56	1002.67	1002.70	1002.61	1002.57	1002.59	1002.63	1002.67	1002.62
	12	1002.67	1002.60	1002.57	1002.59	1002.60	1002.75	1002.93	1002.99	1003.02	1003.03	1003.09	1003.14	1002.83
	13	1003.14	1003.12	1003.11	1003.18	1003.25	1003.26	1003.26	1003.26	1003.24	1003.28	1003.36	1003.41	1003.24
	14	1003.48	1003.50	1003.59	1003.73	1003.79	1003.76	1003.75	1003.82	1003.96	1004.06	1004.14	1004.14	1003.81
	15	1004.09	1004.07	1004.09	1004.23	1004.37	1004.34	1004.25	1004.08	1003.89	1003.97	1004.15	1004.18	1004.14
	16	1004.19	1004.28	1004.37	1004.48	1004.53	1004.58	1004.61	1004.69	1004.90	1005.00	1005.09	1005.26	1004.66
	17	1005.38	1005.46	1005.49	1005.64	1005.82	1005.73	1005.72	1005.79	1005.74	1005.73	1005.74	1005.81	1005.67
	18	1005.80	1005.77	1005.81	1005.82	1005.80	1005.87	1005.99	1005.95	1005.97	1006.06	1006.06	1006.08	1005.91
	19	1006.11	1006.19	1006.23	1006.26	1006.34	1006.32	1006.34	1006.45	1006.52	1006.61	1006.68	1006.70	1006.39
	20	1006.66	1006.71	1006.85	1006.89	1006.93	1007.03	1007.06	1007.04	1007.07	1007.10	1007.08	1007.06	1006.95
	21	1007.06	1007.11	1007.16	1007.19	1007.24	1007.26	1007.25	1007.24	1007.16	1007.15	1007.18	1007.17	1007.18
	22	1007.14	1007.13	1007.14	1007.21	1007.31	1007.39	1007.47	1007.57	1007.71	1007.78	1007.73	1007.68	1007.44
	23	1007.69	1007.73	1007.80	1007.82	1007.82	1007.89	1007.92	1007.96	1007.98	1007.90	1007.80	1007.67	1007.83
26	0	1007.50	1007.55	1007.75	1007.93	1007.90	1007.78	1007.71	1007.78	1007.83	1007.85	1007.86	1007.86	1007.78
	1	1007.80	1007.67	1007.59	1007.52	1007.46	1007.53	1007.67	1007.66	1007.60	1007.59	1007.52	1007.46	1007.59
	2	1007.54	1007.62	1007.66	1007.71	1007.83	1008.01	1008.11	1008.15	1008.17	1008.17	1008.18	1008.21	1007.95
	3	1008.20	1008.08	1008.01	1008.15	1008.35	1008.50	1008.66	1008.69	1008.66	1008.68	1008.71	1008.77	1008.45
	4	1008.80	1008.77	1008.74	1008.80	1008.90	1008.95	1008.93	1008.83	1008.73	1008.69	1008.65	1008.65	1008.78
	5	1008.69	1008.66	1008.58	1008.63	1008.69	1008.65	1008.67	1008.75	1008.84	1008.93	1009.02	1009.14	1008.77
	6	1009.27	1009.38	1009.46	1009.43	1009.40	1009.52	1009.64	1009.68	1009.68	1009.74	1009.87	1010.06	1009.59
	7	1010.26	1010.48	1010.70	1010.82	1010.88	1010.96	1011.07	1011.19	1011.34	1011.44	1011.45	1011.49	1011.01
	8	1011.62	1011.76	1011.71	1011.50	1011.24	1011.09	1011.13	1011.18	1011.16	1011.14	1011.20	1011.26	1011.33
	9	1011.29	1011.28	1011.30	1011.31	1011.25	1011.25	1011.29	1011.30	1011.27	1011.23	1011.19	1011.19	1011.26
	10	1011.22	1011.22	1011.23	1011.28	1011.29	1011.25	1011.23	1011.24	1011.22	1011.19	1011.18	1011.14	1011.22
	11	1011.11	1011.01	1010.93	1010.95	1010.86	1010.73	1010.73	1010.75	1010.75	1010.78	1010.80	1010.87	1010.85
	12	1010.98	1011.02	1011.03	1010.97	1010.88	1010.86	1010.87	1010.87	1010.87	1010.85	1010.83	1010.84	1010.90
	13	1010.87	1010.91	1010.92	1010.90	1010.88	1010.95	1011.03	1011.02	1011.02	1011.11	1011.20	1011.28	1011.00
	14	1011.35	1011.39	1011.39	1011.41	1011.44	1011.46	1011.49	1011.53	1011.58	1011.63	1011.69	1011.72	1011.50
	15	1011.73	1011.78	1011.85	1011.90	1011.94	1011.99	1012.03	1012.05	1012.07	1012.12	1012.15	1012.17	1011.98
	16	1012.19	1012.21	1012.22	1012.21	1012.19	1012.17	1012.16	1012.18	1012.20	1012.25	1012.32	1012.35	1012.22
	17	1012.37	1012.41	1012.47	1012.54	1012.60	1012.61	1012.60	1012.62	1012.67	1012.71	1012.72	1012.75	1012.59
	18	1012.77	1012.78	1012.80	1012.83	1012.84	1012.87	1012.93	1012.95	1012.99	1013.03	1013.08	1013.12	1012.91
	19	1013.16	1013.20	1013.22	1013.26	1013.33	1013.38	1013.43	1013.46	1013.47	1013.49	1013.49	1013.50	1013.36
	20	1013.53	1013.54	1013.59	1013.66	1013.70	1013.79	1013.84	1013.87	1013.92	1013.95	1013.96	1013.95	1013.77
	21	1013.96	1013.99	1014.01	1014.01	1014.03	1014.02	1014.01	1014.01	1014.00	1013.99	1013.99	1014.00	1014.00
	22	1014.02	1014.04	1014.02	1013.99	1013.99	1013.97	1013.95	1013.97	1013.96	1013.96	1013.99	1014.01	1013.99
	23	1014.02	1014.02	1014.02	1014.04	1014.03	1014.00	1014.00	1013.99	1014.00	1014.02	1014.02	1014.05	1014.02

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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
27	0	1014.07	1014.06	1014.04	1014.04	1014.05	1014.07	1014.11	1014.13	1014.14	1014.15	1014.10	1014.09	1014.09
	1	1014.11	1014.08	1014.03	1014.01	1014.00	1013.96	1013.88	1013.81	1013.78	1013.74	1013.70	1013.68	1013.90
	2	1013.64	1013.57	1013.57	1013.63	1013.66	1013.69	1013.75	1013.80	1013.85	1013.87	1013.86	1013.87	1013.73
	3	1013.90	1013.95	1014.05	1014.08	1014.08	1014.13	1014.16	1014.15	1014.13	1014.15	1014.17	1014.14	1014.09
	4	1014.04	1014.00	1014.04	1014.07	1014.05	1014.05	1014.07	1014.06	1014.05	1014.05	1014.08	1014.19	1014.06
	5	1014.28	1014.31	1014.34	1014.35	1014.35	1014.36	1014.36	1014.31	1014.31	1014.37	1014.44	1014.49	1014.35
	6	1014.55	1014.66	1014.77	1014.83	1014.88	1014.95	1015.04	1015.13	1015.24	1015.36	1015.38	1015.40	1015.01
	7	1015.41	1015.42	1015.42	1015.44	1015.49	1015.55	1015.63	1015.64	1015.58	1015.51	1015.48	1015.56	1015.51
	8	1015.67	1015.67	1015.65	1015.70	1015.74	1015.74	1015.72	1015.73	1015.75	1015.80	1015.82	1015.80	1015.73
	9	1015.82	1015.84	1015.85	1015.82	1015.77	1015.75	1015.76	1015.76	1015.75	1015.75	1015.81	1015.86	1015.79
	10	1015.83	1015.81	1015.87	1015.95	1015.90	1015.85	1015.83	1015.77	1015.73	1015.72	1015.70	1015.68	1015.80
	11	1015.70	1015.69	1015.64	1015.62	1015.59	1015.56	1015.48	1015.33	1015.20	1015.10	1015.08	1015.11	1015.42
	12	1015.08	1014.99	1014.92	1014.93	1014.91	1014.85	1014.86	1014.82	1014.75	1014.78	1014.79	1014.81	1014.87
	13	1014.79	1014.80	1014.83	1014.79	1014.77	1014.80	1014.86	1014.96	1015.03	1015.03	1015.04	1015.05	1014.89
	14	1015.07	1015.09	1015.12	1015.14	1015.12	1015.15	1015.20	1015.21	1015.20	1015.19	1015.17	1015.20	1015.15
	15	1015.26	1015.27	1015.29	1015.28	1015.28	1015.31	1015.31	1015.33	1015.34	1015.36	1015.44	1015.51	1015.33
	16	1015.53	1015.58	1015.66	1015.75	1015.78	1015.78	1015.80	1015.80	1015.80	1015.86	1015.90	1015.91	1015.76
	17	1015.96	1015.99	1016.05	1016.09	1016.12	1016.21	1016.29	1016.37	1016.46	1016.54	1016.60	1016.61	1016.27
	18	1016.63	1016.68	1016.67	1016.67	1016.70	1016.70	1016.71	1016.74	1016.75	1016.76	1016.79	1016.89	1016.72
	19	1016.97	1016.97	1017.00	1017.04	1017.03	1017.05	1017.12	1017.16	1017.17	1017.19	1017.18	1017.22	1017.09
	20	1017.30	1017.34	1017.37	1017.40	1017.43	1017.44	1017.46	1017.46	1017.49	1017.53	1017.51	1017.51	1017.43
	21	1017.53	1017.55	1017.59	1017.64	1017.70	1017.71	1017.70	1017.70	1017.71	1017.72	1017.73	1017.72	1017.66
	22	1017.73	1017.77	1017.80	1017.81	1017.86	1017.90	1017.91	1017.88	1017.84	1017.84	1017.87	1017.89	1017.84
	23	1017.89	1017.90	1017.92	1017.93	1017.94	1017.96	1018.00	1018.03	1018.05	1018.09	1018.09	1018.02	1017.98
28	0	1018.03	1018.03	1018.06	1018.12	1018.16	1018.16	1018.16	1018.13	1018.11	1018.08	1018.03	1018.00	1018.09
	1	1018.02	1018.03	1018.03	1018.03	1018.00	1017.96	1017.94	1017.98	1018.01	1018.05	1018.04	1017.96	1018.00
	2	1017.91	1017.92	1017.91	1017.87	1017.83	1017.80	1017.79	1017.80	1017.79	1017.81	1017.83	1017.83	1017.84
	3	1017.84	1017.85	1017.85	1017.84	1017.83	1017.89	1017.98	1018.03	1018.08	1018.14	1018.19	1018.18	1017.97
	4	1018.20	1018.22	1018.23	1018.22	1018.20	1018.20	1018.17	1018.15	1018.14	1018.14	1018.15	1018.15	1018.18
	5	1018.16	1018.18	1018.16	1018.12	1018.15	1018.20	1018.26	1018.28	1018.25	1018.29	1018.36	1018.41	1018.23
	6	1018.45	1018.41	1018.41	1018.48	1018.49	1018.47	1018.47	1018.49	1018.54	1018.55	1018.57	1018.57	1018.49
	7	1018.61	1018.74	1018.84	1018.96	1019.08	1019.10	1019.09	1019.11	1019.16	1019.21	1019.24	1019.21	1019.03
	8	1019.15	1019.12	1019.14	1019.15	1019.14	1019.11	1019.09	1019.13	1019.18	1019.17	1019.14	1019.14	1019.13
	9	1019.13	1019.09	1019.09	1019.10	1019.13	1019.14	1019.14	1019.15	1019.12	1019.13	1019.10	1019.03	1019.11
	10	1018.99	1019.00	1019.03	1019.02	1018.98	1018.95	1018.93	1018.94	1018.98	1019.00	1018.96	1018.90	1018.97
	11	1018.82	1018.69	1018.58	1018.51	1018.45	1018.39	1018.31	1018.24	1018.15	1018.05	1017.96	1017.85	1018.33
	12	1017.78	1017.77	1017.75	1017.69	1017.65	1017.62	1017.59	1017.55	1017.49	1017.45	1017.42	1017.39	1017.59
	13	1017.35	1017.34	1017.30	1017.28	1017.35	1017.41	1017.42	1017.40	1017.39	1017.39	1017.37	1017.34	1017.36
	14	1017.31	1017.28	1017.27	1017.27	1017.25	1017.23	1017.25	1017.26	1017.25	1017.27	1017.32	1017.34	1017.27
	15	1017.36	1017.37	1017.36	1017.39	1017.47	1017.52	1017.57	1017.61	1017.60	1017.60	1017.63	1017.66	1017.51
	16	1017.69	1017.74	1017.81	1017.87	1017.95	1018.02	1018.08	1018.14	1018.17	1018.17	1018.18	1018.22	1018.00
	17	1018.26	1018.28	1018.29	1018.29	1018.32	1018.35	1018.36	1018.39	1018.43	1018.47	1018.51	1018.51	1018.37
	18	1018.51	1018.54	1018.53	1018.51	1018.49	1018.49	1018.54	1018.60	1018.66	1018.70	1018.70	1018.71	1018.58
	19	1018.72	1018.76	1018.80	1018.87	1018.93	1018.93	1018.94	1018.98	1019.02	1019.06	1019.12	1019.18	1018.94
	20	1019.21	1019.24	1019.25	1019.29	1019.33	1019.36	1019.38	1019.41	1019.43	1019.44	1019.46	1019.47	1019.35
	21	1019.46	1019.47	1019.45	1019.42	1019.45	1019.51	1019.52	1019.50	1019.53	1019.57	1019.58	1019.56	1019.50
	22	1019.52	1019.47	1019.44	1019.43	1019.45	1019.50	1019.52	1019.51	1019.51	1019.49	1019.47	1019.45	1019.48
	23	1019.48	1019.53	1019.56	1019.53	1019.48	1019.43	1019.41	1019.40	1019.40	1019.38	1019.36	1019.36	1019.44

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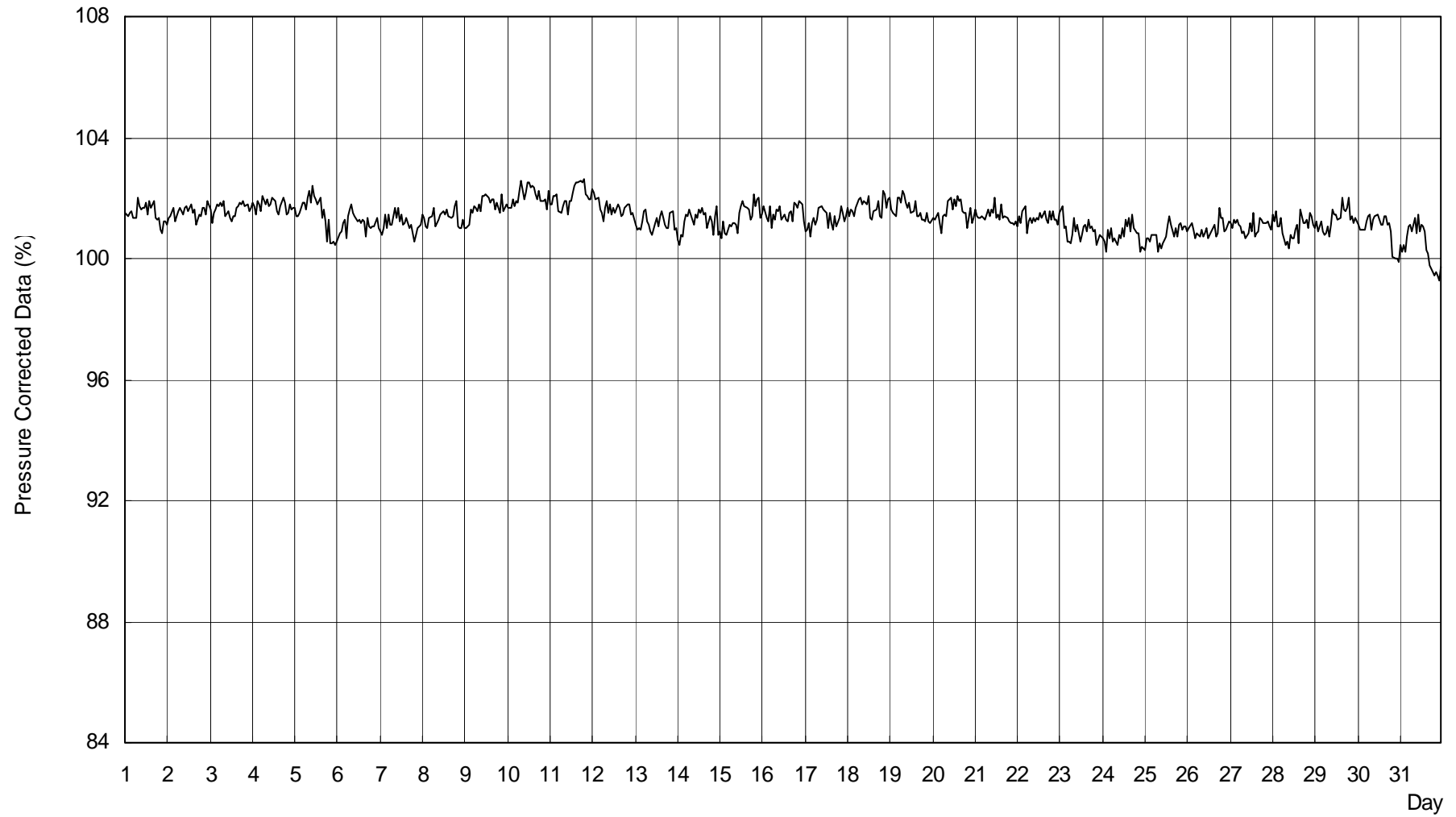
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1019.33	1019.32	1019.29	1019.27	1019.25	1019.20	1019.12	1019.06	1019.02	1019.00	1019.03	1019.01	1019.15
	1	1018.96	1018.95	1018.93	1018.91	1018.92	1018.91	1018.87	1018.82	1018.79	1018.75	1018.70	1018.68	1018.85
	2	1018.63	1018.56	1018.51	1018.52	1018.53	1018.47	1018.40	1018.39	1018.40	1018.39	1018.37	1018.34	1018.46
	3	1018.34	1018.36	1018.38	1018.40	1018.42	1018.46	1018.48	1018.46	1018.43	1018.42	1018.42	1018.44	1018.42
	4	1018.44	1018.45	1018.47	1018.49	1018.54	1018.58	1018.60	1018.59	1018.57	1018.57	1018.58	1018.61	1018.54
	5	1018.62	1018.62	1018.61	1018.59	1018.58	1018.57	1018.60	1018.65	1018.68	1018.71	1018.77	1018.80	1018.65
	6	1018.80	1018.82	1018.83	1018.86	1018.90	1018.95	1019.00	1019.01	1019.05	1019.08	1019.07	1019.10	1018.95
	7	1019.17	1019.24	1019.28	1019.33	1019.40	1019.48	1019.59	1019.67	1019.74	1019.79	1019.83	1019.84	1019.53
	8	1019.83	1019.82	1019.82	1019.81	1019.79	1019.80	1019.81	1019.80	1019.80	1019.81	1019.77	1019.76	1019.80
	9	1019.78	1019.78	1019.76	1019.74	1019.72	1019.68	1019.67	1019.71	1019.73	1019.73	1019.73	1019.71	1019.73
	10	1019.68	1019.62	1019.57	1019.51	1019.47	1019.44	1019.40	1019.33	1019.25	1019.19	1019.13	1019.10	1019.39
	11	1019.08	1019.08	1019.08	1019.04	1018.96	1018.87	1018.82	1018.75	1018.66	1018.60	1018.53	1018.46	1018.83
	12	1018.41	1018.38	1018.34	1018.28	1018.23	1018.18	1018.17	1018.17	1018.12	1018.03	1017.96	1017.91	1018.18
	13	1017.88	1017.86	1017.85	1017.84	1017.85	1017.85	1017.83	1017.80	1017.78	1017.77	1017.78	1017.79	1017.82
	14	1017.81	1017.78	1017.77	1017.77	1017.74	1017.73	1017.75	1017.75	1017.75	1017.78	1017.82	1017.89	1017.78
	15	1017.94	1017.98	1018.02	1018.04	1018.04	1018.04	1018.04	1018.04	1018.05	1018.06	1018.09	1018.13	1018.04
	16	1018.16	1018.18	1018.22	1018.29	1018.34	1018.38	1018.42	1018.43	1018.41	1018.41	1018.45	1018.48	1018.35
	17	1018.51	1018.54	1018.59	1018.62	1018.64	1018.70	1018.74	1018.79	1018.81	1018.79	1018.80	1018.81	1018.69
	18	1018.83	1018.84	1018.85	1018.84	1018.82	1018.79	1018.76	1018.77	1018.81	1018.85	1018.86	1018.85	1018.82
	19	1018.85	1018.88	1018.93	1018.97	1019.02	1019.09	1019.16	1019.20	1019.21	1019.22	1019.23	1019.25	1019.08
	20	1019.27	1019.31	1019.33	1019.32	1019.33	1019.33	1019.31	1019.31	1019.32	1019.35	1019.33	1019.29	1019.31
	21	1019.28	1019.25	1019.22	1019.17	1019.14	1019.13	1019.11	1019.09	1019.06	1019.02	1019.00	1018.98	1019.12
	22	1018.97	1018.96	1018.96	1018.94	1018.95	1018.97	1018.99	1019.04	1019.09	1019.11	1019.08	1019.04	1019.01
23	1019.01	1018.98	1018.94	1018.93	1018.92	1018.89	1018.84	1018.78	1018.71	1018.66	1018.58	1018.51	1018.81	
30	0	1018.45	1018.43	1018.40	1018.35	1018.28	1018.23	1018.18	1018.10	1018.03	1018.01	1018.01	1018.02	1018.20
	1	1018.02	1018.00	1017.98	1017.95	1017.92	1017.91	1017.87	1017.82	1017.82	1017.82	1017.77	1017.76	1017.88
	2	1017.79	1017.80	1017.79	1017.74	1017.71	1017.72	1017.77	1017.79	1017.80	1017.79	1017.76	1017.74	1017.76
	3	1017.77	1017.79	1017.81	1017.82	1017.81	1017.81	1017.81	1017.82	1017.82	1017.80	1017.78	1017.80	1017.80
	4	1017.84	1017.84	1017.82	1017.82	1017.83	1017.85	1017.85	1017.82	1017.80	1017.79	1017.80	1017.83	1017.82
	5	1017.83	1017.83	1017.79	1017.73	1017.70	1017.67	1017.65	1017.65	1017.68	1017.71	1017.74	1017.81	1017.73
	6	1017.87	1017.89	1017.90	1017.91	1017.95	1018.01	1018.07	1018.14	1018.21	1018.26	1018.31	1018.33	1018.07
	7	1018.34	1018.37	1018.38	1018.39	1018.43	1018.46	1018.46	1018.45	1018.41	1018.37	1018.35	1018.33	1018.39
	8	1018.30	1018.30	1018.30	1018.26	1018.16	1018.05	1017.99	1017.94	1017.88	1017.88	1017.90	1017.87	1018.07
	9	1017.81	1017.75	1017.73	1017.73	1017.70	1017.66	1017.63	1017.59	1017.52	1017.47	1017.40	1017.34	1017.61
	10	1017.28	1017.25	1017.26	1017.25	1017.24	1017.21	1017.14	1017.05	1016.98	1016.96	1016.90	1016.77	1017.11
	11	1016.70	1016.73	1016.76	1016.71	1016.64	1016.67	1016.71	1016.68	1016.66	1016.63	1016.56	1016.52	1016.66
	12	1016.51	1016.47	1016.40	1016.37	1016.36	1016.29	1016.25	1016.26	1016.22	1016.18	1016.18	1016.20	1016.31
	13	1016.19	1016.12	1016.09	1016.08	1016.08	1016.11	1016.12	1016.12	1016.10	1016.09	1016.10	1016.07	1016.10
	14	1016.05	1016.07	1016.12	1016.15	1016.16	1016.17	1016.17	1016.16	1016.15	1016.17	1016.16	1016.11	1016.13
	15	1016.07	1016.02	1015.97	1015.95	1015.90	1015.83	1015.76	1015.67	1015.62	1015.66	1015.77	1015.86	1015.84
	16	1015.89	1015.89	1015.91	1015.91	1015.83	1015.70	1015.60	1015.59	1015.65	1015.74	1015.77	1015.83	1015.77
	17	1015.97	1016.04	1016.09	1016.16	1016.19	1016.22	1016.29	1016.33	1016.31	1016.24	1016.17	1016.14	1016.18
	18	1016.06	1015.97	1015.92	1015.82	1015.81	1015.87	1015.94	1015.96	1015.93	1015.95	1016.06	1016.18	1015.95
	19	1016.20	1016.14	1016.11	1016.08	1016.05	1016.02	1016.00	1015.94	1015.90	1015.93	1015.97	1015.98	1016.02
	20	1015.99	1016.01	1015.96	1015.90	1015.86	1015.80	1015.75	1015.67	1015.61	1015.60	1015.63	1015.63	1015.78
	21	1015.55	1015.47	1015.40	1015.38	1015.42	1015.46	1015.43	1015.39	1015.38	1015.41	1015.46	1015.52	1015.44
	22	1015.58	1015.58	1015.58	1015.64	1015.70	1015.72	1015.68	1015.65	1015.62	1015.60	1015.57	1015.53	1015.62
23	1015.48	1015.39	1015.27	1015.15	1015.05	1014.94	1014.88	1014.85	1014.80	1014.82	1014.88	1014.97	1015.04	

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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	1014.98	1014.98	1015.00	1015.00	1014.98	1015.02	1015.09	1015.11	1015.11	1015.09	1015.10	1015.16	1015.05
	1	1015.17	1015.12	1015.11	1015.14	1015.12	1015.09	1015.05	1015.02	1014.96	1014.87	1014.80	1014.72	1015.01
	2	1014.71	1014.61	1014.30	1014.08	1014.03	1014.05	1014.10	1014.20	1014.25	1014.16	1014.01	1013.90	1014.20
	3	1013.85	1013.77	1013.75	1013.78	1013.76	1013.68	1013.59	1013.51	1013.50	1013.49	1013.42	1013.38	1013.62
	4	1013.32	1013.23	1013.14	1013.04	1013.00	1012.99	1012.96	1012.87	1012.78	1012.75	1012.77	1012.82	1012.97
	5	1012.85	1012.90	1012.95	1012.95	1012.90	1012.87	1012.87	1012.85	1012.83	1012.81	1012.79	1012.78	1012.86
	6	1012.73	1012.70	1012.69	1012.73	1012.78	1012.77	1012.77	1012.81	1012.82	1012.83	1012.82	1012.81	1012.77
	7	1012.81	1012.82	1012.81	1012.74	1012.76	1012.79	1012.81	1012.83	1012.91	1012.98	1013.02	1013.04	1012.86
	8	1012.98	1012.92	1012.89	1012.84	1012.94	1013.06	1012.97	1012.89	1012.92	1013.00	1013.06	1013.03	1012.96
	9	1012.95	1012.92	1012.92	1012.91	1012.93	1012.92	1012.86	1012.78	1012.70	1012.65	1012.63	1012.53	1012.81
	10	1012.46	1012.44	1012.36	1012.25	1012.17	1012.10	1012.03	1011.93	1011.81	1011.75	1011.66	1011.60	1012.04
	11	1011.63	1011.55	1011.37	1011.20	1011.13	1011.05	1010.93	1010.82	1010.66	1010.55	1010.36	1010.20	1010.95
	12	1010.22	1010.18	1010.09	1010.06	1010.03	1010.08	1010.14	1010.07	1010.01	1009.99	1009.90	1009.85	1010.05
	13	1009.89	1009.87	1009.84	1010.04	1010.23	1010.29	1010.27	1010.20	1010.16	1010.14	1010.20	1010.24	1010.11
	14	1010.27	1010.31	1010.29	1010.27	1010.26	1010.17	1010.07	1009.97	1009.87	1009.77	1009.64	1009.53	1010.03
	15	1009.42	1009.36	1009.36	1009.34	1009.33	1009.31	1009.32	1009.39	1009.40	1009.37	1009.26	1009.20	1009.34
	16	1009.19	1009.15	1009.17	1009.25	1009.27	1009.23	1009.15	1009.07	1009.04	1009.02	1009.03	1009.11	1009.14
	17	1009.19	1009.17	1009.16	1009.15	1009.05	1008.93	1008.86	1008.82	1008.73	1008.69	1008.64	1008.59	1008.91
	18	1008.56	1008.48	1008.43	1008.45	1008.46	1008.51	1008.59	1008.65	1008.65	1008.63	1008.59	1008.56	1008.54
	19	1008.50	1008.48	1008.49	1008.46	1008.50	1008.51	1008.45	1008.42	1008.44	1008.51	1008.67	1008.84	1008.52
	20	1008.90	1008.90	1008.90	1008.87	1008.83	1008.81	1008.82	1008.84	1008.89	1008.94	1008.90	1008.80	1008.87
	21	1008.76	1008.79	1008.90	1008.99	1008.95	1009.00	1009.04	1008.99	1008.97	1008.91	1008.91	1008.96	1008.93
	22	1008.99	1009.07	1009.08	1009.03	1008.97	1008.93	1008.88	1008.84	1008.76	1008.68	1008.66	1008.62	1008.87
	23	1008.61	1008.69	1008.75	1008.73	1008.66	1008.61	1008.59	1008.50	1008.44	1008.36	1008.32	1008.27	1008.54



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