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**SVIRCO Prompt Report: December 2008**

Fabrizio Signoretto 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: December 2008**

**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 December 2008 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. Marisa STORINI  
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,

*storini@fis.uniroma3.it or [storini@ifs-roma.inaf.it](mailto:storini@ifs-roma.inaf.it)*



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

Rome

Italy







INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2008											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	47228	47488	46558	46853	46919	46781	47043	46837	47319	46989	46985	47453	102.276
	1	47069	47191	47026	47333	47226	46831	47492	47073	46770	46403	47212	47035	102.325
	2	46502	46925	47021	46832	46456	46878	46391	46466	47152	47260	47144	47058	101.858
	3	46961	47271	47417	47275	46752	47532	47049	46472	46645	46600	47413	47090	102.291
	4	47479	46968	46632	46787	46673	46871	47175	46804	46982	46692	47107	46309	101.930
	5	47176	47462	46863	46767	47406	46654	47336	47291	47610	46858	46969	46974	102.453
	6	46663	46535	46848	46613	45967	46960	47047	46920	47163	47318	47583	46772	101.912
	7	47037	46908	47036	46967	47323	47096	46569	46703	47665	46569	47563	47463	102.368
	8	47388	47170	46805	46995	46751	47010	46676	47866	47358	46529	46653	46488	102.150
	9	47196	46839	46280	46666	47366	46848	46949	46308	47569	46731	47095	47095	102.013
	10	46378	47554	47029	47259	46903	47051	47576	46258	46736	47171	47175	46752	102.176
	11	47204	46660	47080	46876	47365	46724	47286	47384	46937	46924	46992	46915	102.267
	12	46959	47054	46641	46952	46960	46344	47483	47436	47421	46798	47468	47174	102.330
	13	47065	47341	47235	46644	46872	46898	46906	46875	47171	47284	46793	47325	102.279
	14	46962	47483	46584	46944	47116	47084	47511	47144	47498	46387	47317	46807	102.356
	15	46758	47329	47197	46777	47162	47255	47350	47110	47378	46691	47518	47344	102.543
	16	46605	47175	47443	46901	46845	46557	46568	46905	46719	46821	47617	46840	102.023
	17	46935	47146	47310	46892	47098	47175	46830	47556	47350	47213	47333	46996	102.537
	18	47725	47462	46904	47472	47565	47183	47307	46955	45994	47300	46667	47248	102.528
	19	47075	46975	46993	46645	46685	47338	46578	46486	46838	46735	47169	47492	102.026
	20	46776	46160	47373	46794	47546	47815	47063	46724	46971	46710	47093	46512	102.121
	21	47244	47199	47409	47635	47365	47568	46674	46723	47170	46869	46760	46324	102.376
	22	47030	46517	47260	47208	46696	47401	47188	47128	46881	47350	47121	46959	102.339
	23	46912	47581	47025	46748	46714	46854	46302	47144	47502	47014	46556	47798	102.232
2	0	46446	47033	46720	47170	47053	47338	46851	46903	47285	46685	47003	46975	102.102
	1	47185	46966	46608	46954	47098	46512	47028	46742	46804	46848	47231	47058	102.030
	2	46663	47162	46476	47248	47481	47595	46649	46751	46891	46977	46403	46639	102.012
	3	47169	46387	47296	47068	46576	46713	46160	46673	46938	46781	47349	47417	101.938
	4	46807	46992	47470	47124	46570	46915	47077	47181	47201	47641	46414	46828	102.245
	5	47329	46497	47299	46439	46736	46745	46888	46485	47035	47280	46890	47335	102.016
	6	46643	46596	47788	46863	46716	46638	46960	46866	47227	46685	47483	47069	102.120
	7	46336	47709	46593	47264	46793	47158	47246	46701	47406	47095	46777	47232	102.261
	8	47394	46952	47027	47407	47225	47050	46979	47608	47612	46913	46833	47325	102.626
	9	46943	47084	47189	47203	47165	46961	47494	46630	47050	46886	47353	47099	102.396
	10	47413	46948	47205	47338	46633	47551	47093	46604	46993	47149	47377	46336	102.320
	11	47730	47219	46751	46770	46794	47283	46871	47471	47254	46282	47930	47459	102.533
	12	46989	46793	46999	46935	46490	46921	47117	47453	47291	47228	46318	46704	102.067
	13	46806	47322	47368	47330	46973	47243	47755	47677	47095	47219	47460	47440	102.873
	14	47538	46970	46951	47228	47397	47015	47397	46950	47657	47404	47144	46945	102.675
	15	47105	47354	47341	47299	46738	46906	46653	47479	46870	46671	46885	46569	102.181
	16	47191	47202	47461	46402	47010	47541	47182	46899	47002	46952	46875	47484	102.422
	17	46478	46726	46267	47077	46909	46402	47145	46563	47018	47388	46966	47369	101.898
	18	46922	47251	47235	46964	47005	46848	47550	47236	47095	47251	46865	47337	102.488
	19	47356	47441	47015	47242	46432	47088	47034	47164	46956	47016	46741	47211	102.331
	20	47223	47261	46910	47276	47113	46783	46713	47111	46909	47529	46329	46517	102.146
	21	47101	47041	47288	47056	46924	47171	47058	46777	46417	46928	46962	46299	102.027
	22	47016	47359	46612	47332	47360	47021	47134	47365	47112	47263	47559	47077	102.605
	23	47048	46618	46704	46777	47101	46294	46806	47631	46971	47052	46563	47595	102.053

INAF/UNIromaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2008											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	47105	47276	47062	46425	46572	46970	47062	46981	47393	46432	46954	46908	102.048
	1	46704	46532	47064	47341	46921	47433	46987	47504	47812	46933	47170	46728	102.409
	2	46741	47293	46905	46944	46322	47555	46779	47541	46689	47389	46910	46504	102.127
	3	46663	47024	47024	46398	47435	46436	47266	46619	47238	47029	47078	47006	102.063
	4	46995	46939	47140	46988	47460	46617	47266	47111	47331	47119	47400	47261	102.500
	5	47049	46974	46637	46712	47258	46833	46763	47256	47361	47093	46960	47255	102.232
	6	46996	47537	47476	46625	46588	46913	47302	46628	46877	46738	46870	46590	102.050
	7	47013	46841	47029	47178	46736	46892	46282	47591	47628	47813	47084	47305	102.457
	8	47367	47221	47699	47216	46933	46688	47154	47308	46782	47577	47006	47051	102.568
	9	47623	47201	47400	47093	47493	46877	46892	47196	47034	47118	46928	47023	102.545
	10	47196	46560	46887	47246	47631	46883	47124	47334	47289	47108	47027	46624	102.370
	11	46844	46668	47054	46948	47216	46374	46949	46874	47722	46723	46446	47225	102.032
	12	46476	47053	46733	46757	46254	46616	47481	47488	47225	46640	46378	46933	101.849
	13	46804	47419	46760	47665	47237	47128	46663	46383	47308	47137	47124	47981	102.497
	14	47131	47189	47026	46549	47179	46964	46927	47621	47240	47040	47246	46481	102.312
	15	47081	47026	47415	46574	47074	47569	46790	47219	46863	46871	47178	47266	102.373
	16	47263	48083	47623	47652	47115	47185	47434	47428	47167	47315	47205	47500	103.106
	17	46892	47429	46903	46415	47169	46849	47849	47024	47108	47506	47019	46522	102.329
	18	47117	47220	47503	46696	46835	47626	46555	47268	47481	46831	47116	46803	102.395
	19	47626	46726	48008	46952	46523	46351	46736	47224	47090	47147	46366	47091	102.176
	20	46977	47529	46928	47061	47488	47198	47281	46684	47248	46274	47542	47548	102.524
	21	46475	46642	46787	47182	46871	47886	46856	46928	47181	47193	46191	46730	102.010
	22	46875	46943	46893	46961	47287	47518	46630	46543	47164	47433	47023	47160	102.282
	23	46692	46637	47640	47206	46766	47809	47137	46511	46913	47366	47489	47006	102.418
4	0	47039	47117	47199	47084	46808	47606	46938	47145	46629	47547	46780	46804	102.337
	1	46882	46875	46779	46949	46658	46635	47217	47354	46454	47184	46774	46711	101.928
	2	46860	47408	47163	46826	47469	47192	46640	46927	47172	46779	46932	46969	102.266
	3	46854	46875	47410	46501	46327	47157	46771	46946	46705	47095	47062	46675	101.911
	4	47332	46918	46903	47503	46744	47281	47012	46498	47236	47164	47028	47003	102.318
	5	46660	47296	47359	46764	46021	46612	46758	46904	47143	46668	46757	46757	101.788
	6	47313	47631	46519	47629	47090	46717	47040	46592	47182	47044	47290	46566	102.316
	7	46743	46748	46706	47334	47038	46763	47447	46791	47369	47364	47002	46989	102.258
	8	47217	47107	47923	46672	47528	47418	46895	47277	47152	47538	47313	47136	102.780
	9	46984	46963	47715	47555	47448	47510	46798	47204	47408	46773	47631	47286	102.798
	10	47217	47121	47333	47363	47213	47389	47162	46983	47552	47155	47104	46918	102.660
	11	46897	47101	47193	47689	46946	46922	47534	47214	47950	47081	46636	46669	102.537
	12	47000	47405	47714	47145	47138	46868	47272	47438	47064	46940	47205	46606	102.530
	13	47097	47015	46934	47000	46807	47103	47237	46785	47653	47064	47414	47024	102.410
	14	46911	47120	47738	46904	47604	46668	46724	47037	47595	47169	47806	47626	102.731
	15	47469	47128	47356	47895	46862	46528	46976	47447	46577	46996	46726	47360	102.445
	16	47495	47666	47134	47053	46797	46727	46800	46943	46730	47051	46556	47277	102.247
	17	47015	46942	47180	47270	46686	46797	46969	46862	47041	47646	47297	46808	102.298
	18	47359	46722	47566	47670	46980	47182	46689	47578	46470	46925	47564	46447	102.414
	19	47463	46822	46614	46836	46794	47278	46818	46848	46444	47276	46664	46603	101.926
	20	46582	46855	46926	47147	46095	47116	46745	46885	46596	46814	46693	46526	101.657
	21	46602	46708	47279	46410	47559	47239	46510	46922	46797	47079	47155	46820	102.038
	22	46059	46728	46695	46827	46996	46393	47155	47050	47095	47345	46641	46684	101.782
	23	47123	46604	47115	46929	47026	46716	46600	46752	46875	47132	47009	47013	102.004

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2008											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	46560	46817	45965	46959	46679	46844	46629	47458	46851	46851	47395	46564	101.767
	1	46581	46359	46836	47481	46785	47142	46539	47086	46713	47071	46632	47141	101.909
	2	46724	46996	46915	46126	46704	47299	46923	46617	47423	46626	46553	46452	101.726
	3	46529	46470	46194	46652	46243	46791	46472	46937	45801	46589	46878	46850	101.191
	4	47079	46684	46747	46964	46954	46154	46717	46867	47563	47479	46343	47036	101.949
	5	47075	47118	46814	47235	46865	46431	46868	46328	47307	47189	46696	46595	101.937
	6	46566	47088	46493	46866	46395	46801	46829	46658	46598	47179	47058	46968	101.752
	7	46768	46956	46902	46067	46618	46522	46777	46792	46867	46723	46902	46445	101.541
	8	47208	46490	46941	47250	46436	47004	46210	46682	47012	46431	46916	46713	101.714
	9	46455	46895	46967	47004	47053	47378	46749	46879	46701	47246	46894	46655	102.001
	10	46667	47220	46710	46924	46865	47039	46850	47727	46888	46885	46985	46895	102.143
	11	47193	47123	46941	46717	47796	46629	46727	46549	46482	46985	46857	47647	102.140
	12	47042	47311	46618	46887	46918	46453	47364	46915	46522	46585	46715	46559	101.822
	13	46378	47005	46794	47413	47154	46739	46391	46854	47028	46617	46388	46545	101.717
	14	46937	46742	46222	46532	46773	47007	46934	46819	46928	46579	46773	46185	101.558
	15	46215	46778	46420	46392	47118	47178	46886	46751	46667	46652	46928	47154	101.686
	16	46929	46519	46292	46618	46554	47352	47238	46392	46611	46783	46821	46405	101.573
	17	46691	46710	46837	47144	46778	47245	46069	47204	46935	46175	46994	46236	101.664
	18	46579	45858	46368	46673	47383	46411	46435	46810	46415	46877	46534	46828	101.329
	19	46838	46957	46722	46018	46668	46495	46490	46551	46541	46533	46255	46353	101.194
	20	46564	46041	46833	46562	46357	46124	46567	46429	46470	46624	46128	46857	101.037
	21	46657	46028	46212	46445	46788	46090	46482	46737	46060	46218	46578	47162	101.019
	22	46099	46909	46519	45982	46233	46309	46666	45959	46613	46390	47042	46033	100.892
	23	46539	46750	45795	45993	46634	46481	46676	47041	46919	46234	46232	46329	101.049
6	0	46238	46327	46380	46697	46299	46732	46419	46318	46315	46255	46372	46655	100.941
	1	46843	46934	46135	46292	46145	46262	45897	46586	47161	47036	46289	45796	101.005
	2	46768	46661	46080	46582	46393	46733	46252	46860	47172	46587	45994	46251	101.177
	3	46434	46170	46617	46431	46936	47076	46101	46956	46333	46396	46248	46952	101.235
	4	45494	45901	45952	46422	46663	46522	46428	46586	46676	46269	47446	47008	101.002
	5	46711	46634	46762	46530	46756	46719	45868	46539	46722	46492	46852	46600	101.333
	6	47058	46497	46254	46589	46528	46822	46660	46744	47007	46818	46770	46907	101.598
	7	46770	46595	46834	46512	46982	46773	47022	46283	46755	46038	46597	46391	101.399
	8	46996	47079	46236	47109	46253	46535	46392	46697	46710	46688	46824	46946	101.564
	9	46987	46852	46390	46582	46743	46729	46791	46991	46619	46700	47449	46676	101.753
	10	46362	47610	46784	46384	46715	46621	46075	46943	46637	46758	46453	47499	101.632
	11	46557	46766	46998	46928	46607	47217	47189	47263	46830	46789	46822	46650	101.955
	12	46946	46512	46902	46815	47473	46619	46351	46961	46105	46768	46485	46393	101.540
	13	47067	47300	46499	46711	47242	46670	46396	46504	46252	47517	47279	46724	101.872
	14	46472	46099	46449	46649	46305	46870	46059	46424	46348	46722	46270	46655	100.995
	15	46581	47203	46389	46376	47306	46385	46310	46629	46929	46276	47053	46207	101.416
	16	46971	46437	46472	47102	46256	46748	46449	46900	46806	45827	46512	46181	101.238
	17	46670	46096	46303	46432	46756	46597	47000	46471	46671	46376	46604	46952	101.285
	18	47014	46316	46607	46075	46567	46375	46872	46528	46898	46925	46305	46843	101.358
	19	46635	46969	46226	46232	47073	46289	46309	46762	46590	46530	47124	46415	101.327
	20	46278	46465	46129	46973	46673	46404	45980	46811	46839	46714	46395	46955	101.229
	21	46398	47090	46266	46004	46321	46549	46619	47156	46610	46687	46913	46980	101.406
	22	46646	46700	46615	46285	46197	46582	46538	47129	46637	47312	47428	46302	101.547
	23	46678	47345	46334	47202	46586	46046	46585	46358	46527	46413	46440	46600	101.319

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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	46801	46835	46706	46347	46478	46863	46742	46921	46623	46666	46631	46796	101.557
	1	46670	46753	46595	47025	46452	46515	46781	46546	46108	46313	46330	47052	101.325
	2	46243	47074	46657	46130	46725	46398	46572	46884	46800	46286	45716	47429	101.283
	3	46638	46419	46388	47146	46571	46505	46797	46955	46355	46405	47020	46418	101.410
	4	47030	46537	46896	46686	46719	46026	46960	47031	46659	46282	47025	46597	101.561
	5	47201	47444	46854	46606	46544	46532	46592	46643	46363	46844	46935	46871	101.739
	6	46880	46659	46663	46835	47032	47026	46674	47250	47209	46924	46911	46767	101.993
	7	46694	47099	46611	47028	47231	46667	46690	46514	47206	46743	46328	46993	101.807
	8	47012	46961	46402	46808	47237	46435	46156	46644	46276	47003	46657	46954	101.579
	9	46803	46897	47449	46553	47110	46698	46661	47045	47258	47461	47101	46892	102.192
	10	46805	46064	46358	47212	47030	46476	46419	47024	46899	46872	46834	46831	101.630
	11	47316	47363	47008	46907	46859	46954	46613	47024	47509	47203	46304	47563	102.318
	12	46469	47164	47245	46915	46795	47443	46139	47294	46450	47011	47164	46657	101.977
	13	46750	46816	47224	46709	47064	46971	47123	47711	46393	46953	47018	46491	102.064
	14	46534	47037	46538	46919	46349	47084	46466	46928	46430	46636	46829	47020	101.619
	15	46906	46659	46950	46154	46690	46652	46886	46512	46489	47024	46512	47263	101.607
	16	46589	46800	46642	46762	46811	46831	47067	47538	46621	46650	46759	46943	101.845
	17	46434	47210	46983	46847	47178	46964	46418	47057	46363	46886	47048	46620	101.844
	18	47252	47155	46538	47511	46507	46632	46673	46252	46739	46887	46544	47185	101.820
	19	46535	46552	46277	46357	46979	46765	46384	46564	47037	46291	46997	46570	101.354
	20	46844	46761	47198	47336	46289	46419	46543	46821	46706	46381	47066	47175	101.759
	21	46636	47580	46493	46151	46471	46567	47129	45880	46496	46658	46299	46065	101.195
	22	47123	46691	46496	46484	46655	46579	45922	46854	47338	46600	46526	46575	101.451
	23	46435	47232	46259	46587	46756	46396	46979	47533	47012	46435	47049	47548	101.883
8	0	47341	46521	46549	47105	46982	46507	46453	46203	46243	46886	46447	47030	101.532
	1	46370	46946	46537	46998	46590	46974	46965	46553	46521	46858	47019	46346	101.602
	2	46718	46562	46609	47723	46545	47382	46409	46913	46978	46933	47100	46587	101.925
	3	47019	46981	46703	46329	46552	46643	47093	46613	46883	46569	46512	47121	101.665
	4	46362	46628	47621	46895	47018	46988	47583	47303	46616	47089	46405	46717	102.064
	5	46878	47169	46751	46986	46867	46863	46847	46729	47412	47091	47396	46594	102.129
	6	46845	46900	46482	46656	47234	46729	46178	46555	46944	46185	46778	47364	101.634
	7	47069	46437	47218	46896	46845	46773	46940	47314	47041	46656	46983	46948	102.045
	8	46776	46056	46750	46738	46190	46376	46904	46903	47065	46913	45823	47127	101.411
	9	47479	46962	46516	46492	46901	46748	47154	47026	46742	46559	46948	47275	101.988
	10	46240	46818	47021	46566	47012	46124	46880	47597	47248	46511	46977	46480	101.747
	11	47121	46781	47316	46610	46733	47541	47116	47640	46724	46923	46657	46565	102.155
	12	47038	46428	46505	46694	47215	46414	47325	46744	46627	47244	47246	47463	102.014
	13	46589	47079	47155	47050	46957	46825	47428	47576	47021	47042	47385	47250	102.451
	14	46961	46845	46366	47687	46896	46808	47285	46524	46552	47227	46751	47058	102.016
	15	47162	47346	47273	46923	47423	47447	46670	47216	47449	46859	46431	46650	102.359
	16	46895	46576	47582	46666	47314	46270	46432	46525	46381	46681	47062	46765	101.688
	17	46830	47337	46156	47042	46622	47388	46589	46105	46947	46690	46631	47118	101.744
	18	46737	47140	46715	46743	48056	46943	46290	47371	47214	47238	46864	46227	102.121
	19	46935	46907	46861	46528	47553	46464	47281	45889	46863	46533	47104	46373	101.714
	20	46701	46441	47073	47058	46452	46815	47149	47365	47057	46992	46367	46422	101.823
	21	47085	46973	47125	47149	46488	47075	46775	46806	46966	47206	47498	47045	102.240
	22	47293	46953	46732	47464	46943	46917	46912	46830	46693	46469	46931	46924	102.035
	23	47077	47156	47232	47384	47133	46963	46224	47072	47271	46763	47490	47393	102.414

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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	46692	47520	47242	46720	47350	46979	46671	47258	46038	46720	46417	46346	101.832	
	1	47149	46711	46081	46832	47326	46669	46836	47237	46526	47067	46415	46843	101.787	
	2	47020	46666	46670	47057	47158	47639	46664	46998	46869	46976	46757	47139	102.135	
	3	46756	47184	46550	46956	47935	46649	46355	46970	46582	47077	46960	47141	102.044	
	4	47092	46819	46987	46531	46941	47952	46884	46443	46864	46928	46705	46668	101.990	
	5	46575	47087	46901	46799	46895	46865	46238	47480	47206	46628	46819	47013	101.934	
	6	47313	46719	46927	47508	46879	47214	47557	47585	47398	47072	46918	47571	102.687	
	7	46435	47114	46601	46893	46946	47318	46501	47100	47230	46938	47002	46577	101.961	
	8	47013	47166	47128	47418	47690	46728	47290	47399	47005	47178	46938	46740	102.512	
	9	47164	47216	46632	46805	46547	46594	47205	47078	46841	46888	47248	47450	102.145	
	10	47428	47279	46822	46447	47367	46701	47480	46752	47167	46898	46820	47022	102.238	
	11	46673	46892	46525	47126	46917	46712	47121	47343	47126	47012	47073	47163	102.148	
	12	46773	47757	47036	46910	47108	46556	46694	47240	47702	47382	46767	46201	102.228	
	13	46747	46981	47195	47366	47078	47287	46628	47310	47568	47286	46659	47161	102.434	
	14	47103	47019	47080	46261	46564	47015	46875	46675	46477	47321	46671	47156	101.881	
	15	47411	47605	47296	46681	46793	47493	46844	46988	46681	46668	46706	46810	102.200	
	16	46428	47364	47123	47476	47174	46734	46727	47153	47142	46230	46690	46888	102.047	
	17	46861	47073	47223	47097	46577	46777	47438	46950	46956	46982	47559	47218	102.334	
	18	47056	46820	47476	46747	46667	47166	47764	46869	47255	46951	47564	46996	102.446	
	19	46891	46610	47334	46561	47059	47520	47534	46875	47810	47005	47135	46768	102.405	
	20	46674	47258	47481	46898	46906	47000	46904	47332	46889	46182	47209	47406	102.230	
	21	46987	46463	46782	46671	47184	46550	46613	46568	46569	46265	47283	46630	101.583	
	22	46916	46801	46159	46748	46979	47087	47159	46629	46951	47328	46984	47321	102.036	
	23	47001	47444	46967	47163	47776	47234	47588	46766	46611	46794	46761	47053	102.414	
10	0	46882	46634	46758	46799	47023	46154	46762	46907	46164	47027	46692	47029	101.616	
	1	46643	46946	47283	47167	47594	46568	46429	46878	46092	47432	46770	46541	101.904	
	2	46724	46944	46541	46227	47430	46986	47263	46783	46166	47106	46703	46579	101.743	
	3	46560	47026	47409	47359	47019	47329	47065	46990	47370	46982	46524	47494	102.409	
	4	46085	47483	47059	46790	47095	46693	47286	47419	46938	46686	47912	47142	102.312	
	5	46981	47435	46827	46897	47496	46421	46656	47074	46973	47308	47138	46511	102.154	
	6	46847	47081	46886	46775	46925	47228	46965	47270	47064	46477	46639	47145	102.078	
	7	47064	46591	47319	46507	46476	46498	46509	46571	47697	47177	46967	46688	101.854	
	8	46298	47169	46774	46434	46704	46586	46696	46206	47571	46642	46823	46458	101.546	
	9	46717	47063	46922	46527	47137	46815	47296	47328	46834	46979	46532	47045	102.059	
	10	46543	46622	46576	46942	47060	45966	46312	47226	47224	47201	46333	46777	101.622	
	11	46727	46646	46808	46000	47294	47263	47358	46838	47002	46856	46710	46654	101.871	
	12	47007	47569	46990	46625	46775	46923	46748	47635	47589	47008	47114	46552	102.301	
	13	46346	46653	46919	46580	46761	46523	46211	46403	46976	46695	47677	46710	101.563	
	14	46651	47033	46740	46889	47067	47074	47028	47123	46894	47069	46704	46766	102.030	
	15	46926	47029	47212	47156	46525	47517	46772	46330	46978	46735	46818	47325	102.082	
	16	46379	47230	46604	47694	46376	46952	47420	47367	46929	46890	46757	46839	102.103	
	17	46125	46708	46710	46733	46844	46906	47036	46779	47255	47291	47119	47255	101.981	
	18	47276	46604	47003	46750	47006	47207	47201	47246	47081	46998	47212	46792	102.273	
	19	46903	46893	47168	46426	46848	46625	46759	46812	46967	46866	47140	46828	101.885	
	20	47073	47088	46933	47320	47413	46699	46578	46653	46663	46546	46981	46745	101.968	
	21	47541	46740	47022	46934	47009	46112	46610	46745	47065	47223	46810	46200	101.844	
	22	47144	47376	46897	46850	46598	47658	46690	46854	46830	47413	46479	46351	102.050	
	23	46145	46657	47578	46337	46413	46740	46610	46906	46878	46629	46498	46969	101.545	

INAF/UNIromaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2008											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	47845	46861	46437	46777	46947	46358	46155	47115	47184	46840	46974	47127	101.945
	1	46919	46939	46873	46835	46392	47115	46623	46716	47203	46797	46727	46513	101.781
	2	46847	46983	46695	47102	46759	46748	46459	47340	46709	46712	46741	46578	101.783
	3	47465	46616	46808	46611	46815	46404	47131	47063	46659	47203	46598	47273	101.960
	4	46931	46956	47067	46820	47322	47211	46282	46300	46449	46167	46932	46918	101.726
	5	47140	47090	46845	46629	46958	46732	46379	45943	47282	46734	47444	46937	101.863
	6	46732	47422	47277	46662	46215	47359	47239	47242	47093	47072	46552	47178	102.213
	7	47322	47102	46412	46928	46744	46476	46496	46806	47250	47079	47091	46745	101.924
	8	47262	46833	47115	47136	46839	47280	47016	47596	47105	46639	46629	46680	102.228
	9	46880	47251	46522	47122	47204	46774	47029	47220	47274	47182	46718	46933	102.224
	10	47944	47264	47337	47298	47089	47158	46840	46573	46803	47439	46873	47095	102.515
	11	47661	47467	47334	46852	47371	47086	46604	47145	46516	46472	47333	46650	102.293
	12	47136	46933	46849	47459	47058	46918	47072	47430	46727	47046	46865	46653	102.231
	13	47022	46714	46842	46859	46765	46614	46953	46881	47323	46681	47644	46195	101.932
	14	46847	46667	47317	46822	47189	46791	47050	47307	46956	47055	46485	47181	102.144
	15	46671	46686	46925	46878	46972	47043	46804	46429	46769	46879	47060	47569	101.967
	16	47007	46653	46518	46888	47704	46800	46789	46701	46839	47151	46545	46501	101.860
	17	46704	46888	46155	46579	46678	46301	46781	46911	46954	46831	46941	46809	101.576
	18	46996	46704	47351	46570	46288	46908	47553	46675	47263	47127	47661	46932	102.209
	19	46739	46656	46905	47121	46766	46732	46642	46624	46449	47129	47211	46997	101.837
	20	46260	46749	47413	46811	47459	46296	46807	47087	46134	47189	46657	47479	101.904
	21	47111	46977	47203	46577	46606	47186	46992	47125	47101	46733	46989	47479	102.219
	22	46588	46623	46635	46729	47260	46935	46970	47062	46696	46878	46666	47189	101.884
	23	47035	46947	47506	46833	47342	46915	47350	47504	46901	46938	47282	46571	102.408
12	0	47146	46172	47216	46952	46781	47598	47021	47008	46997	47384	46645	47293	102.242
	1	46647	46351	47731	46394	46653	46677	47574	47040	46637	47178	47405	46683	102.018
	2	47122	46907	46507	47321	47000	47446	47235	47390	46688	46225	46864	47022	102.155
	3	46815	47082	46552	46713	47474	46823	47250	46953	46517	47268	46804	46865	102.045
	4	47451	47282	47384	46997	46683	46618	47164	46594	46271	46453	47061	47078	102.030
	5	46676	46519	46799	46952	46697	47036	47048	46743	47594	46790	46957	46932	101.977
	6	46960	46839	46919	46542	46963	46763	46610	46232	47472	46857	47137	46411	101.789
	7	46140	47266	46123	47015	46161	47513	46068	47013	46842	47063	47451	46985	101.777
	8	47113	47225	47132	46853	46780	46999	47439	47328	47188	46277	47104	47327	102.344
	9	46925	46494	47096	47125	46901	46726	47102	47092	47154	47031	46751	46690	102.039
	10	46999	47294	47261	46485	47065	46848	47843	47041	46915	47147	47127	47334	102.451
	11	47349	46925	47390	46551	46804	46493	47233	47319	47089	47003	47064	47269	102.293
	12	47786	46793	46460	46657	47233	46830	47065	46859	46979	46938	47939	47228	102.344
	13	47470	47290	47218	47095	47336	46780	46895	46935	46374	46968	46841	46391	102.132
	14	47350	47318	47294	47000	46837	47054	46788	46928	46859	46784	47244	46479	102.194
	15	46932	46590	47265	46698	47159	47444	46504	47274	47010	46895	46762	47158	102.149
	16	46840	46821	46780	47135	46455	47463	47142	45908	46459	47551	47123	46912	101.949
	17	47222	46942	46156	47173	47015	46201	47142	46883	46585	47037	47145	46744	101.887
	18	46538	47168	46720	46714	47098	47139	46693	46733	46775	47184	46994	47530	102.075
	19	46701	46179	46793	46751	46009	47350	46699	47217	46683	47292	47131	46947	101.797
	20	46707	47022	46879	46860	46719	46853	47185	47002	46425	46689	47155	47184	101.966
	21	46725	46683	46601	46981	46904	46774	46669	46612	47152	46901	46967	46781	101.797
	22	47000	46580	46690	46286	46619	45973	46420	47085	46904	46465	47428	47433	101.640
	23	46694	47383	46820	46830	47328	46950	46733	47169	47098	46176	46999	46798	102.020

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2008											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
13	0	46631	46431	46830	47212	46571	46550	47120	46771	47097	46813	46896	46618	101.767
	1	47187	46964	46245	46266	46715	47219	47039	47132	46970	47129	46884	47060	101.989
	2	47103	47375	47134	46364	47057	46411	47534	46655	46985	46826	47073	46612	102.047
	3	47166	46714	46681	47207	47175	47232	46637	46828	46725	46686	46599	47183	101.993
	4	46776	47504	46951	46548	46608	47124	47011	47034	46988	47070	46903	46581	102.042
	5	47185	46692	46550	47263	47314	46759	46181	47177	46983	46997	47010	46963	102.037
	6	47131	46957	46767	46458	47192	47370	46339	46823	46401	46820	46847	46482	101.768
	7	46686	47463	46458	46610	47012	46934	47084	46550	47099	47034	46907	47090	102.010
	8	46991	47086	46999	46278	46977	46375	46438	47093	47305	47166	47258	47433	102.096
	9	47587	47146	47084	47561	47161	47563	46963	46981	46743	46985	46491	46832	102.403
	10	46368	47114	46776	46733	47214	47001	47382	47156	46706	46954	47002	46783	102.058
	11	47315	47468	46911	47192	47590	47241	47117	47418	46776	47478	46573	46935	102.569
	12	47000	47435	46651	47904	47626	46891	47208	46818	47010	47443	46982	47126	102.584
	13	47193	46786	47218	46043	47147	46879	46999	47316	47335	46843	46806	46653	102.063
	14	46908	46819	46840	46649	46911	46570	47560	46533	47245	47226	46620	46793	101.965
	15	46699	47287	46621	46569	46456	47196	47102	46683	46863	47024	47423	47036	102.016
	16	46537	46857	46734	46994	46705	47326	46323	47506	46283	47197	47200	47484	102.050
	17	46939	46959	46921	46528	47221	46441	47214	46928	47377	46702	46556	46766	101.943
	18	47002	46741	47398	47735	47428	47136	47291	47440	47158	46879	46728	46391	102.446
	19	47027	46783	47129	46092	46985	46865	47209	46908	46619	46532	47489	46908	101.941
	20	46211	46314	46844	47049	46999	47320	47268	46245	46763	46867	46623	47109	101.772
	21	46830	46610	46648	46533	47328	47057	46724	47281	46705	46730	47099	46925	101.927
	22	46863	46962	46984	47176	46977	46763	46526	46633	47258	47310	47030	47137	102.136
	23	46979	46447	47094	46922	47374	47592	47071	47170	47032	46636	46982	46181	102.110
14	0	47148	46819	47150	47177	46439	46997	47388	46926	46886	46815	46881	45953	101.938
	1	46384	46934	47128	46977	46060	46590	46067	46829	47178	46889	46801	47590	101.739
	2	46968	46823	46784	46657	47430	46416	46606	46501	46643	47240	46343	46960	101.728
	3	47376	46386	46884	46409	46771	47215	46909	47023	46325	46929	46997	46891	101.863
	4	46504	47102	47138	47159	46665	46595	46790	47211	46756	47046	46821	46856	101.959
	5	46825	46839	46727	46813	47238	46846	46769	47294	47065	47443	46712	46725	102.077
	6	47099	46500	47081	47757	46724	46957	46365	46564	47110	46489	46808	47123	101.947
	7	46870	46828	46526	47085	46606	47033	46605	47281	46882	47074	47134	46715	101.958
	8	46998	47126	47582	46906	46963	47010	46751	46712	47076	46570	47045	47192	102.192
	9	47681	46425	46893	47527	46355	47059	46797	47398	47457	47068	46983	47069	102.334
	10	47589	46676	46437	46536	46717	47266	47397	47352	47612	47245	47365	46990	102.420
	11	46858	47380	46640	47251	46728	47524	46745	46456	47309	47135	46914	47212	102.233
	12	46870	47610	47033	46859	47347	47079	47288	46964	47490	46427	47794	47417	102.600
	13	46743	47050	47610	47413	46813	47179	46638	46946	47181	47527	47090	47056	102.431
	14	47073	46921	47119	46803	47373	47088	46933	46335	46594	47624	47849	47127	102.357
	15	46651	47245	46466	46801	47535	47371	47314	47656	46631	46685	47705	47272	102.446
	16	47024	47100	46965	46949	47581	46916	46952	47111	47042	46723	47037	46913	102.261
	17	46884	47832	47055	46302	46606	47143	46712	46611	46530	47142	47420	46739	102.019
	18	46990	47307	46993	46758	46905	46999	46889	47212	47216	47747	47163	47280	102.469
	19	47053	46907	46989	46718	47450	46626	47221	46826	47429	47443	46552	47222	102.284
	20	46559	47056	47027	46877	47095	47576	47603	47074	47121	46888	47121	46699	102.331
	21	47335	47077	46656	47082	46918	47127	46845	46584	46823	47325	46655	46819	102.069
	22	46847	46823	47528	46870	46733	47312	46840	47046	47076	47088	46671	47418	102.251
	23	47325	46872	46972	47043	47261	46682	47002	47073	46682	46986	46706	46971	102.128

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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	47052	46753	47194	46494	46677	47053	46205	46326	46451	47366	46565	47670	101.808
	1	47146	46482	46959	47570	46564	46840	46420	46854	46905	47442	46423	47106	101.972
	2	46063	47029	47111	47109	46510	47307	46833	46634	46944	46827	47446	46818	101.957
	3	47291	46511	47375	46441	46985	46831	46592	46805	47478	46419	46770	46639	101.867
	4	46607	47303	47091	46850	46372	46659	46765	46570	46948	46769	46638	47057	101.775
	5	46946	47286	46755	47048	47392	46509	46849	46749	46877	47021	46537	46843	101.990
	6	46618	46573	46715	46564	46734	46306	46849	47254	46748	46582	47357	46832	101.685
	7	47239	46675	46945	47807	47080	46685	46982	47429	47048	46861	47075	46442	102.254
	8	47119	46975	47115	47070	47034	47075	47057	46398	47082	46585	46476	46813	101.988
	9	47003	47239	46991	46921	47137	47016	47289	47257	47537	47044	46473	47152	102.397
	10	46997	46944	47183	47442	46720	46938	47047	46523	47209	47245	46813	47132	102.240
	11	47786	47067	47216	46969	47143	47298	46846	47105	47092	46824	48003	47146	102.657
	12	46921	47041	46905	46406	47090	46310	46741	47449	47302	47368	46825	47894	102.250
	13	46678	47213	47380	47269	46610	46856	47255	47468	46638	46848	47284	46991	102.294
	14	46371	47090	48004	46632	47190	47484	46941	46828	47104	47173	47007	46593	102.280
	15	47342	47554	47468	47617	47650	47097	47420	46526	46252	47529	47022	47534	102.750
	16	47029	46705	47231	46823	47221	47194	47277	47278	47048	46713	47444	46960	102.372
	17	47436	47774	47266	46754	46766	47613	47637	47372	46857	46576	46374	47190	102.497
	18	47425	47234	46618	47187	47197	46291	46780	47700	46735	47203	47039	47021	102.283
	19	46804	47191	47021	47387	46817	46569	46802	46658	46971	46937	46777	46396	101.902
	20	46884	46681	46469	47166	47036	46795	46597	46938	46586	46749	46605	46608	101.682
	21	46491	47093	46405	47018	47018	46852	46955	47247	47016	46645	47090	47323	102.051
	22	46578	46699	46676	46894	46646	47529	46238	46605	47196	46426	46502	47130	101.683
	23	46886	47107	46696	46252	46799	46889	46416	46871	47302	46904	46783	46537	101.742
16	0	46733	46387	46261	47101	46980	47122	47098	46523	46817	46203	47055	46645	101.642
	1	47175	47010	46272	47405	46701	46979	46755	46530	46869	46686	46264	46580	101.702
	2	47019	47235	46555	46360	47311	46733	47330	46410	46976	47103	46972	46174	101.875
	3	46382	47185	46860	47146	47241	46435	47065	47077	46686	46955	46913	46356	101.897
	4	47013	46998	47279	46170	46527	46917	47151	46662	46364	47083	47314	46812	101.895
	5	47212	46965	46597	47191	46618	46473	47423	47143	46476	47037	46736	46463	101.903
	6	46154	47094	46561	46428	46766	47011	46962	46733	46935	46859	46750	46833	101.677
	7	47549	46907	47366	47529	46464	47238	46904	47607	46798	47184	47462	47041	102.576
	8	46678	46805	46768	46783	47179	46498	46540	47030	46803	46765	46681	46503	101.667
	9	47144	46792	47241	46942	46988	46125	46787	47146	46978	47578	46954	47012	102.149
	10	47197	47363	46987	47152	47054	46343	46912	47084	47107	47267	46914	46773	102.232
	11	46836	46791	46098	47554	47048	46491	47319	47323	46661	47043	47119	47078	102.089
	12	46506	46975	46267	47090	47516	46538	46750	47404	47158	46710	46931	47414	102.070
	13	47156	47262	46710	47407	46952	46944	46864	47235	46698	47308	46540	47197	102.255
	14	46528	46840	46709	46812	46876	46423	46927	46385	47406	46871	46875	47452	101.861
	15	46648	47019	47307	47688	47273	46860	46645	46884	46527	47244	46934	46847	102.183
	16	47423	46945	46940	46623	47561	46856	47344	47842	47523	46566	46721	46927	102.435
	17	46695	46646	46618	46961	47178	47105	46756	47066	47095	47086	47304	47059	102.127
	18	47028	46955	47334	47364	46928	47089	47141	46229	47372	47202	46778	47105	102.300
	19	46845	47410	47206	47353	46539	46939	47073	46864	47125	47670	47047	46825	102.367
	20	46741	46989	47304	47051	47587	46758	47848	46690	46610	47461	46761	46776	102.309
	21	46438	46607	46830	46875	46867	47697	47058	46662	47188	47600	46920	46678	102.100
	22	46918	46720	46926	47101	46644	47116	47104	46655	47294	46915	46719	46577	101.967
	23	46859	46826	46805	46679	46913	46664	46593	46913	46241	46512	46953	46981	101.650



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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	46674	46923	47086	47189	47063	46871	46512	46893	47125	47244	46908	46620	102.037
	1	47476	46687	46777	47340	46850	46171	47137	47368	46335	46685	46685	46352	101.817
	2	46636	46643	47078	47110	46213	47095	46742	46615	47622	46686	47023	46755	101.883
	3	47874	47143	46861	46793	47072	47129	46472	46833	46890	46879	46805	47222	102.200
	4	47021	47108	47571	47699	47653	46906	47221	47462	47052	46658	46679	47240	102.616
	5	47186	46972	47127	47289	47368	47784	46908	47485	47519	47042	47603	47397	102.872
	6	46985	47174	47018	47121	46755	47318	47171	47164	46865	47327	47281	46838	102.389
	7	47437	47139	47523	46754	46570	47378	47531	47121	46828	46665	47541	46675	102.416
	8	47281	47189	46844	47134	47039	47125	46898	46891	46894	46770	47106	46834	102.207
	9	46596	47050	46755	46682	47002	47953	46561	47206	47039	46956	47006	47233	102.212
	10	46755	46762	47663	47327	47010	47182	46663	47306	46503	47281	47082	47529	102.398
	11	46687	47069	46862	46905	46831	46814	47003	46618	47057	46813	46415	46825	101.824
	12	46067	46594	46954	46409	46738	46328	46983	46519	46862	46846	46309	46859	101.384
	13	46623	47323	47217	46919	46597	46636	47020	46948	46580	46520	47101	46652	101.867
	14	47266	46136	47134	47409	46769	47044	47086	47052	46724	46951	46740	46966	102.074
	15	46898	46893	46777	46870	46561	47678	46589	47101	47490	46951	47319	46904	102.210
	16	46792	47417	46488	46545	46834	46191	47204	46809	46692	46748	46472	47268	101.744
	17	46532	47414	46876	46694	46770	47888	46991	45825	46838	46671	47068	47213	101.984
	18	47198	46691	46870	46830	46771	47421	46708	47519	47653	46760	46957	46536	102.189
	19	46751	46819	46901	47236	46819	46453	47139	46812	47467	46763	46636	46919	101.972
	20	46874	46168	46441	46669	46954	47856	47328	47162	47636	47262	46624	46184	102.053
	21	46861	47059	47165	46949	47380	47104	47122	46937	46854	46992	47286	47245	102.378
	22	47485	46530	47485	47207	47374	47232	47043	46751	46896	47155	46955	47175	102.438
	23	47313	47355	46921	46706	46624	47347	46667	47360	46781	46976	47125	47416	102.312
18	0	46829	46454	47761	46830	47414	46832	46736	46965	46538	46895	47107	46910	102.067
	1	46705	46364	47953	47034	47106	47346	46835	46803	47082	47156	47593	46879	102.360
	2	46802	47229	46434	46965	47246	46666	46888	46523	46501	47100	46714	47231	101.896
	3	46952	46863	47400	46622	46535	47364	47019	46862	46570	47585	47212	47255	102.248
	4	46931	47038	47057	46846	46518	46747	46239	47286	46414	46401	47361	47283	101.864
	5	46553	47349	47072	47261	46856	47337	47382	46357	46841	47557	47177	46541	102.256
	6	47104	46854	47109	46933	47139	47411	47228	47155	46400	46942	46720	47181	102.236
	7	47116	47387	47167	46691	47298	46919	46828	46312	46711	46970	47125	47126	102.141
	8	47063	46724	47403	47597	47153	47023	46604	46851	46825	46667	46515	46662	102.040
	9	46605	47249	46990	47002	47205	47033	47384	47210	47403	47182	46903	47553	102.516
	10	47850	47417	47768	47553	46882	46954	46942	47374	47350	47376	46507	47583	102.849
	11	47607	47885	47323	47353	47016	46934	47164	47171	47819	48244	46818	47607	103.100
	12	47912	46619	47244	47106	47419	47540	47722	47345	46877	47172	47358	47350	102.869
	13	47622	47085	46695	46961	47175	47226	46947	47002	47079	47316	46988	46746	102.357
	14	47213	47607	46941	46822	46881	46853	46906	46907	47713	47171	47212	46613	102.357
	15	46936	47028	47038	46954	47514	46603	46182	47340	46811	46991	46539	46903	101.995
	16	46732	46743	47129	46704	47024	46956	46803	46905	47141	47380	47702	46184	102.096
	17	46286	46992	46835	46798	47905	46710	46845	46877	46862	46749	47151	47185	102.059
	18	46831	46474	47314	46763	47069	47060	47144	47670	45939	47586	47205	47428	102.292
	19	46724	46861	46466	47397	46872	46870	46787	47266	46877	47138	46867	46800	102.010
	20	46491	46811	47379	46926	47136	47118	46676	47056	46482	46358	47144	46081	101.781
	21	47027	47128	47017	47026	47332	46708	47172	46880	46932	46443	46563	46755	102.021
	22	47070	46932	46462	46484	46987	46407	46793	46886	46857	46552	46596	47039	101.673
	23	47043	46961	47012	47021	46336	47030	46707	47020	46587	46836	46868	46833	101.889

INAF/UNIromaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2008											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	47159	46800	46699	46674	46846	46887	46220	46839	47157	46780	46744	46708	101.755
	1	46097	46702	47034	46754	46942	47559	46967	46510	46727	47297	46406	46378	101.729
	2	46956	46011	47237	46350	47142	47019	47345	46277	46423	46781	46967	46906	101.736
	3	46861	47073	47467	47326	47049	47245	46643	46937	47040	47465	47035	48001	102.593
	4	47020	46625	46726	46549	46446	47159	46960	47492	46529	47153	47033	47411	102.042
	5	46815	46997	46993	46809	47078	47130	46369	46838	47439	47179	47013	47653	102.262
	6	47571	47054	47040	47487	46817	46878	47136	46902	47132	46989	46961	47018	102.384
	7	47341	46750	47341	47227	47107	47194	46756	47061	46583	46878	46597	46904	102.158
	8	46730	46375	47196	47069	46693	47035	47218	47987	47212	46939	47482	46873	102.351
	9	47151	47106	46807	46987	47988	46704	47207	46595	47542	47000	47703	47709	102.657
	10	46818	46754	47154	46905	46737	47522	46970	47296	46927	47462	47281	46676	102.296
	11	47458	47359	47177	46975	46829	46903	46774	46598	46766	46856	47167	47013	102.182
	12	47265	46933	47401	46857	47278	47193	46834	47087	47145	46677	46251	47320	102.248
	13	46829	46845	47397	47196	46689	47043	47200	47521	47083	47310	46961	46968	102.394
	14	46554	46875	46658	47669	46548	46379	47124	47336	46877	47164	47115	47481	102.165
	15	47412	46475	46877	47363	46881	46710	47058	47379	47073	47526	46595	46941	102.257
	16	46860	46580	46847	46911	46979	46922	47279	46700	46656	47433	46864	47180	102.062
	17	46653	47143	47079	47500	46999	46915	47179	47267	46883	46874	46813	47016	102.263
	18	47407	47125	46217	47058	47465	46846	46518	46667	46845	47411	47783	46884	102.246
	19	46533	46488	46894	46307	46524	46925	46898	47292	47174	47358	47007	46654	101.852
	20	46565	46860	46830	47155	46796	47017	46430	47163	46993	47162	46810	47311	102.040
	21	47540	47209	47421	47015	47282	46962	47197	47038	46999	46537	46961	46877	102.393
	22	47096	47011	47185	47596	47613	47202	46997	47305	46640	47349	46820	47178	102.566
	23	46805	46769	47259	46640	46944	47520	47139	47423	46916	47107	47061	46800	102.274
20	0	46792	46897	46892	47674	47265	47301	46652	47028	47167	47079	47004	47317	102.398
	1	46686	46640	46757	47043	47034	47091	47357	47111	47183	46898	47181	46666	102.141
	2	46892	45901	47153	47075	47149	47473	47213	46888	46864	46612	47215	46964	102.096
	3	47283	46607	46465	47192	47478	47218	47747	46742	47369	47294	46935	47008	102.447
	4	47377	47200	47454	47010	46809	47070	47280	47116	47190	47293	46894	47368	102.578
	5	47892	47026	46769	47067	46715	46716	46370	47082	47316	47336	47419	46864	102.308
	6	47045	46884	46604	47363	46729	47076	47173	46435	47012	46889	46474	46957	101.959
	7	46397	47031	47734	47342	47001	47825	46835	46689	46816	47637	47173	47181	102.506
	8	46803	46953	46903	46725	47280	46740	47003	47010	46925	47488	47382	46350	102.125
	9	47124	46822	46475	47131	47390	47414	47549	46676	47029	47154	47723	47229	102.516
	10	46567	46837	46799	46493	47152	47016	46822	47568	46783	47139	47455	46845	102.110
	11	46970	46695	47248	46666	47007	47184	46408	47005	47865	47088	47218	46925	102.256
	12	46467	47509	46747	47824	47220	47159	47410	46999	46912	47043	46690	47324	102.441
	13	46925	46989	46882	47329	46611	46784	47762	46947	47404	46933	47286	46737	102.312
	14	47173	47426	46944	47013	46647	47336	46903	46569	47117	46888	46792	47465	102.254
	15	47056	47224	47431	47559	47573	47418	46341	47330	47362	47385	46964	47382	102.753
	16	47062	46991	47341	47060	47167	47033	47009	46770	47109	46838	46543	47396	102.263
	17	46736	46859	47428	47360	47395	47002	47349	46655	46483	47291	46960	47165	102.329
	18	47306	47805	46971	47083	47297	47516	46119	46723	47679	47509	47081	46779	102.543
	19	47207	46803	46564	47260	47051	46759	46811	46239	46792	46567	47447	46532	101.848
	20	46883	46838	47068	47150	46510	46981	47054	47219	46775	46866	47186	47119	102.141
	21	47378	47210	46824	46949	46687	46944	46084	47028	46420	47124	47060	46240	101.833
	22	46987	47346	47162	46566	46664	46620	47160	46837	46879	47103	46362	46686	101.910
	23	46887	46937	46455	46821	47210	47352	46611	46809	47246	47062	46553	46592	101.939

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2008										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	46627	47011	47203	47227	46560	47072	46664	46715	46409	46668	46461	47338	101.833	
	1	46773	46850	46884	46922	46799	47071	46841	46574	46506	47150	46899	46216	101.749	
	2	46874	47565	47089	47452	46683	46834	47126	47394	46946	47364	46734	46528	102.311	
	3	46762	47020	46789	47228	46606	46919	47205	46678	47195	46864	46414	47249	102.011	
	4	47119	46476	47088	46560	46798	47122	46955	46939	46805	46844	46466	46974	101.869	
	5	47840	47395	47470	46876	46605	47050	47306	47491	46684	47090	46736	46751	102.440	
	6	47476	47221	47089	47191	47228	47057	47017	47419	47849	46817	46787	47240	102.638	
	7	46843	46775	46795	46968	47461	47319	46482	47492	46837	47123	47394	46652	102.230	
	8	47030	47410	46897	46883	47118	46576	47912	47498	46823	46816	46494	47259	102.335	
	9	46823	47453	47481	47526	47526	47198	47078	47275	46794	46353	47835	47240	102.673	
	10	47241	46532	47388	47306	47262	46618	47537	47272	46719	47165	47285	47499	102.535	
	11	47016	47407	46776	47277	47019	47097	47108	47542	46536	46786	46932	46780	102.255	
	12	47195	47467	47414	47157	46918	47239	47343	47404	46875	47718	47641	46881	102.794	
	13	46918	47477	47027	47315	47571	46897	47190	46878	47250	47039	46828	47285	102.508	
	14	47040	47448	46911	46932	47009	46892	46834	46809	47742	46959	46868	46477	102.190	
	15	47191	47015	47292	47010	46778	46689	47060	47101	46749	47006	46831	46563	102.076	
	16	47091	47055	46910	47497	47200	46514	47497	47111	46370	47180	46795	46456	102.147	
	17	47133	47226	46887	46601	46948	47030	46593	47261	47023	46656	46687	47480	102.119	
	18	47019	46645	47057	46732	46317	47001	47728	47513	46700	47500	47113	47174	102.295	
	19	46723	47565	46746	47484	47047	46658	47541	47181	46500	46829	47198	46610	102.220	
	20	46979	47104	46673	46949	47281	46598	46787	47351	46972	47472	47513	46807	102.293	
	21	46873	46617	46644	47338	46975	46933	47252	47148	46869	47016	47356	46883	102.187	
	22	46249	46745	46534	47007	47028	47146	47248	46934	46315	47243	47392	47307	102.051	
	23	46183	47016	46099	46756	47146	46942	46876	46838	46721	46804	47273	47107	101.799	
22	0	47223	46891	47091	46695	46865	47160	46873	46831	45976	47168	46649	47082	101.938	
	1	46364	46767	46493	46965	47172	46974	46840	47239	47192	46810	47208	47104	102.047	
	2	47434	46700	47156	46612	47038	46914	47315	46893	46695	46563	46609	46744	101.964	
	3	46664	46448	47274	46871	47284	47473	46967	47551	46532	46808	46608	46991	102.109	
	4	46775	46841	46294	46505	46822	46663	47150	47225	47608	46746	46838	47565	102.029	
	5	47420	46734	47344	46863	47347	47152	47051	46915	47383	46765	46196	47523	102.331	
	6	47008	47057	46480	46745	47105	46954	47174	47424	47094	46847	46804	47172	102.180	
	7	46914	46814	46770	47008	47455	46764	47104	46600	46955	47334	47239	47185	102.230	
	8	47341	47615	46900	47600	47795	47011	47101	47395	47057	46632	47541	46940	102.735	
	9	46450	46746	46898	46592	47119	46783	46621	47263	47156	47090	46940	47337	102.023	
	10	47160	47341	47402	46798	47501	47093	46958	47826	47194	47260	47356	47319	102.786	
	11	46864	47023	46714	47053	47328	46658	46953	46820	47293	47718	47934	46724	102.402	
	12	47199	47095	47321	46952	46668	46186	46768	46881	47632	47010	47325	47060	102.223	
	13	47179	46611	47130	46787	46650	47227	46478	46835	47094	47163	47144	46893	102.058	
	14	47274	46553	46652	46466	46814	46660	46925	46971	47647	46969	47500	47210	102.140	
	15	47259	45967	47380	47677	46929	46480	46329	47219	46907	47008	47175	46973	102.078	
	16	46741	46592	46947	46728	47550	47339	47010	46447	46690	47605	47072	47045	102.163	
	17	47760	47757	46598	46606	47351	46965	46874	46883	47349	47605	47122	47544	102.642	
	18	47707	46976	46194	47367	46880	46742	46390	47326	46379	47042	47258	47566	102.173	
	19	46625	46570	46878	47227	47245	47009	47097	46770	46819	46196	47836	47439	102.153	
	20	47071	47476	46777	46747	47424	46602	46648	46750	47348	46371	46195	46824	101.885	
	21	47056	46682	47348	47043	47513	46942	46344	46592	46760	47053	46787	46732	101.996	
	22	47113	47082	46255	47312	46701	47092	46821	46415	47074	47107	47435	46495	102.006	
	23	47134	46308	46937	46614	47347	46784	47206	46636	46510	47065	46802	46553	101.823	

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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	46683	46781	47710	47222	47207	46996	47449	46732	47472	47847	46749	46904	102.526
	1	47196	47327	47075	46610	46756	46782	47128	47290	47414	46580	46802	47034	102.204
	2	47449	47234	47163	46892	47422	47237	47255	47223	46980	46443	47547	46689	102.483
	3	46447	47118	47072	46490	46849	47304	47049	46959	46609	46811	46384	46529	101.774
	4	47001	46436	46961	46748	46877	47054	46573	46987	47414	47155	47054	46898	102.052
	5	47112	47193	47471	47674	47288	46736	46349	47578	47256	47669	47215	47647	102.782
	6	46772	46902	47817	46775	47039	47906	47158	46790	47297	46569	47022	47508	102.486
	7	46994	46409	47111	47158	47033	46672	46583	46725	47024	47072	46971	47031	101.984
	8	47358	46984	46482	48034	46412	46838	47162	47712	46303	47061	46830	47286	102.289
	9	46852	46791	47341	46540	47580	47307	47228	46957	47056	46894	46777	47404	102.336
	10	47107	46755	47765	47210	46777	47115	46402	46661	46382	47372	46443	47514	102.115
	11	46975	47051	46912	46564	47624	46622	47230	46345	46819	46859	47234	47005	102.067
	12	46452	46672	46767	47115	46992	47886	47264	46588	46711	46899	47345	46875	102.127
	13	46570	46990	46852	47498	47035	46815	47019	46607	46501	46678	47162	46957	101.966
	14	46655	46984	47215	46794	46881	46396	46854	46630	46818	47072	46223	46963	101.749
	15	47435	46849	46589	47254	46980	46473	46913	46707	46535	46830	47153	46695	101.917
	16	47395	46619	47455	47056	46791	46183	46511	46191	47027	46579	46855	46849	101.754
	17	46741	47308	47273	46762	47004	46621	46758	46624	47140	47029	47058	46848	102.054
	18	46497	46979	47298	46663	47365	46934	46976	46761	46859	46420	46796	47159	101.971
	19	46992	46735	47056	46841	46894	47050	47262	47576	47519	46784	46464	46234	102.097
	20	46666	47468	46893	47389	47107	46762	46441	46791	47182	47130	47189	46870	102.184
	21	46695	47096	47090	46570	46810	47066	46959	46791	46199	47111	46616	46793	101.805
	22	46896	46771	46740	47101	46697	46697	46993	48044	46618	46827	47516	47135	102.211
	23	47568	46801	46457	46580	47207	47098	46771	47319	46951	47156	46539	46931	102.092
24	0	46898	47319	46896	46896	47103	46746	46880	46951	47004	47157	46839	47201	102.184
	1	47295	47209	46004	46996	46771	46645	46702	46935	47372	47227	47453	47739	102.268
	2	46384	46317	47222	47014	46804	46929	46371	46954	47088	46795	46837	46934	101.779
	3	46577	46798	46721	46398	46901	47095	46730	46783	46974	46855	46823	46839	101.750
	4	47272	47008	46766	46214	46613	46621	46658	46168	46299	46957	47015	46774	101.546
	5	46070	47024	46840	47368	47447	47126	46923	46887	46742	46496	46493	46954	101.910
	6	46517	47310	46606	47008	46611	47063	47502	46867	46566	47298	46893	47190	102.102
	7	47426	47290	47072	47252	47189	47288	47185	47489	47200	46865	47343	46786	102.638
	8	46657	46999	46594	47050	47523	46534	47029	47401	46796	47122	46694	47077	102.110
	9	46514	47160	46415	47388	47416	47149	47778	47421	46558	47037	47058	47301	102.421
	10	47048	46304	47025	46352	47468	46556	47626	46742	46915	46788	47095	47559	102.111
	11	46662	46725	47024	47074	47111	47380	47080	47245	47137	47598	47533	47342	102.551
	12	47137	46944	47141	46849	46764	46850	47228	46904	46542	47121	47546	47048	102.219
	13	46824	46786	47746	46918	46380	47124	46703	47476	46916	47150	46992	46848	102.180
	14	47616	47429	47514	47137	46625	46850	47465	47209	46537	46405	47076	47223	102.401
	15	46816	47262	46593	47309	47326	47063	46984	47344	47026	47560	46634	47070	102.384
	16	46374	47093	46900	46865	46730	46250	47070	46897	46992	46777	46535	46864	101.724
	17	46527	47146	46932	46779	46418	47023	46576	47422	46871	47428	46740	46528	101.913
	18	46708	47123	47409	46972	46962	46834	46733	47077	47015	46731	47109	47153	102.173
	19	47169	46573	46574	46940	46633	46813	46504	46778	47283	46638	47254	47054	101.881
	20	46601	46930	46700	47003	46935	46537	47005	46818	47803	47138	46765	46816	102.033
	21	46798	46373	47342	46557	46827	47028	46819	47263	47092	46284	47140	47215	101.976
	22	46951	46915	47061	46996	47187	47214	47323	46446	46844	46697	46406	46790	101.993
	23	46224	46987	47387	46836	46162	46877	46635	46734	46839	46340	47398	47622	101.851

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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	46495	46949	46808	47079	48035	46952	46373	47215	46463	46820	47102	46395	101.959
	1	46907	47161	46558	46623	46825	47325	46504	46854	47221	47495	47156	46792	102.100
	2	46424	46559	47217	47708	47052	46939	46788	47149	46728	46891	46883	47005	102.086
	3	46967	46788	46851	47180	46375	46886	46813	46644	46680	46764	47136	46937	101.846
	4	47046	46313	46967	47224	47664	47409	46739	47322	47303	46692	47197	46909	102.347
	5	46883	46435	46853	47207	46858	47042	47264	47310	46612	47230	47339	47269	102.260
	6	47097	46977	46719	46972	47278	46830	47207	46554	47576	46821	46364	46824	102.063
	7	47131	46581	46899	46473	46511	47583	46784	46994	47072	46954	46948	47062	102.022
	8	47223	46721	46654	46954	46901	47140	47609	46967	46955	47160	47186	47463	102.374
	9	46753	46947	47013	46577	47217	46723	47276	46986	46575	46980	47024	47510	102.129
	10	47244	46792	46410	47024	47589	46851	46714	46983	47690	47061	46997	46882	102.248
	11	47006	47154	46990	47262	47059	47178	47286	47025	47377	47220	47313	47075	102.557
	12	46993	47151	47329	46963	46950	46761	46627	46566	46572	47474	47067	47223	102.146
	13	46889	46950	47429	47127	47062	47339	46977	47320	47220	47240	46821	46849	102.426
	14	46972	47161	46969	47264	46939	47352	47313	46386	47017	47245	47719	46910	102.431
	15	47454	46869	47146	47087	47233	47192	47390	47787	46845	47148	47198	46318	102.507
	16	47208	46794	47364	47517	46898	47462	47377	47179	46362	46703	47079	46689	102.319
	17	47157	47030	47310	46355	47315	47181	46535	47832	46586	47164	47082	46544	102.221
	18	47292	47394	47065	46625	47095	47489	47496	47589	47499	46909	47500	47115	102.761
	19	47428	47262	46720	47580	46533	47406	47338	46762	46992	46859	46351	46834	102.216
	20	47582	47257	47203	47553	47345	46830	46822	46858	47113	47119	46661	46720	102.397
	21	46895	46843	47500	46769	46992	47038	47052	47283	47059	47253	47581	47065	102.446
	22	47297	47361	47315	47023	47091	47215	46819	47497	46998	47111	46838	47505	102.580
	23	46870	46650	46639	46644	46570	46954	46855	46478	47257	47246	47102	47703	102.018
26	0	47047	46775	47263	47148	47444	46747	47128	47325	46836	46999	46813	47439	102.382
	1	46556	47051	47429	46401	46881	46528	47374	47139	47055	47266	46382	46454	101.936
	2	46938	47087	47076	46677	47393	47032	47314	47123	47434	46968	47252	47193	102.474
	3	46828	46594	46705	46626	46905	46969	46691	46754	47108	46961	46776	47140	101.853
	4	46946	47487	46405	47740	47134	47391	47306	46557	47265	47066	47071	47065	102.464
	5	46814	46964	46894	46535	46925	47301	47172	47580	47185	46600	46618	46755	102.086
	6	47100	46875	47028	46877	46940	46876	46600	46286	47934	47179	46722	46938	102.087
	7	48072	46317	47296	46738	46641	46691	46757	46891	47324	47482	46798	46714	102.155
	8	47113	46703	47423	46966	47074	47168	47459	46663	47370	47671	47558	47174	102.629
	9	47791	46701	46880	47623	47687	46764	46598	46751	46946	46860	47054	46804	102.289
	10	47006	47369	46853	47071	47072	46895	47052	46874	46637	47116	47076	46506	102.119
	11	47084	47551	47286	46696	47085	47157	47464	47321	46615	46793	47223	47276	102.486
	12	47140	47349	47321	47436	47729	47305	47621	47311	47140	47317	47327	46435	102.827
	13	46581	47434	47182	47420	47206	46777	47523	46553	46253	46981	47473	47381	102.343
	14	47008	47170	46962	46654	47101	47118	46603	47236	47842	47657	46950	46998	102.440
	15	47027	47024	46939	46973	47449	47067	47582	47376	47311	46536	46902	46559	102.340
	16	46910	47194	47465	47638	47237	47594	47217	47674	47288	46758	47025	46859	102.723
	17	47892	46921	47011	46440	46810	47329	47077	46804	47133	47033	46723	47777	102.377
	18	47691	46872	47730	46832	47405	46762	46798	47103	47120	47169	47566	47555	102.677
	19	47365	46928	47062	46560	46899	47223	47233	47841	47511	47106	46979	47748	102.649
	20	46951	47414	47045	46762	47157	47654	47836	47852	47605	47315	47139	47300	102.935
	21	46720	47033	47424	47292	46632	47223	46713	46528	47434	47269	47549	47393	102.424
	22	47397	46770	47137	47518	47224	47568	47032	46670	47072	47258	46830	47389	102.542
	23	47014	47311	47465	46927	47131	46962	47168	46987	46640	47364	46868	46559	102.277

INAF/UNIromaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2008											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	46884	46897	47395	47389	47180	46536	46620	47735	46972	47226	46855	47219	102.366
	1	46893	47315	46900	46763	47467	47367	46898	47409	47382	47424	47492	46972	102.618
	2	47002	47055	47501	47301	46552	46999	47488	46444	47663	47087	46670	47241	102.386
	3	47018	47209	46698	47018	46677	47354	47146	46832	46943	47337	47337	47343	102.370
	4	46640	46853	46868	46827	47270	46959	47082	46580	47434	47491	46942	47048	102.204
	5	47176	47145	47289	46866	47247	46302	47107	47379	47285	47395	47089	47164	102.467
	6	47455	46999	46455	47234	47145	47294	46887	46709	46794	46859	47389	47176	102.277
	7	47358	47454	47282	47080	46772	47402	47462	46971	46723	47580	46703	47393	102.600
	8	47659	47119	47327	47042	47196	47320	47022	46925	47312	47106	47097	47158	102.618
	9	47582	47077	47853	47040	47618	47120	46680	47215	46840	47605	46401	46750	102.527
	10	47277	47034	47401	47164	47306	47105	47212	47557	46941	46300	47572	46915	102.528
	11	47279	47231	46983	47102	47113	47037	47111	47029	47407	47125	47068	46883	102.452
	12	47793	47112	47821	47699	47245	47401	47697	47429	47508	46322	47244	46682	102.920
	13	46983	47394	47321	46801	47269	47022	47348	47208	46666	47179	46889	46887	102.380
	14	47320	46827	46755	47367	47293	47545	46436	47052	47000	47499	47322	47390	102.532
	15	47154	46980	46818	47332	47278	47242	47269	47315	47258	47263	46500	47492	102.549
	16	46729	46467	47401	47391	46802	47157	46967	47190	47181	46943	47254	46941	102.281
	17	47150	46735	46920	47322	47606	47254	47520	47054	47098	46820	46943	47417	102.538
	18	47321	47112	47507	46822	47898	47005	47097	47533	47675	47580	47251	47159	102.923
	19	47481	46666	47329	47789	47530	47654	47330	47527	47053	46977	47497	47643	103.016
	20	47210	47303	47170	47454	47262	46722	47138	47435	47212	47435	46861	47497	102.694
	21	47023	47150	47395	46793	47029	46445	47742	46932	46707	46503	47310	47426	102.287
	22	46666	47270	47266	47293	47528	47019	47655	47184	46493	47426	46986	47276	102.578
	23	47490	47617	46712	47210	47105	47234	47403	47233	47603	47627	47098	46594	102.735
28	0	47000	47405	46316	47185	47202	47145	47316	46847	46996	47391	46912	47240	102.377
	1	47631	47176	47709	47023	47026	47728	46527	47174	47321	46683	47480	47481	102.741
	2	47721	47133	47124	46382	47139	47408	47367	46996	46916	47168	47477	48088	102.734
	3	47640	46823	47241	47271	47373	47500	46968	47222	47065	47100	47072	47360	102.683
	4	47204	47035	46267	47591	46997	46707	47729	47653	47321	47142	47900	47288	102.719
	5	47361	46876	46439	46738	46711	46960	46669	46563	47467	46719	47118	46894	101.935
	6	47121	47171	47448	46978	46649	47338	46952	47381	47216	46797	47011	47363	102.463
	7	46758	46848	47440	46810	47597	47036	47062	47209	47125	47216	47261	47320	102.509
	8	46765	47104	46540	47171	46217	47251	47354	47036	46959	47605	47673	47099	102.345
	9	47266	47797	46775	47866	47618	47610	46637	47454	47134	47700	47677	46986	103.024
	10	46584	46859	47744	46660	47867	46594	46985	47165	47464	46678	47351	47296	102.431
	11	47157	46811	46966	46874	46703	47103	47658	46807	47161	46669	47010	47264	102.238
	12	47614	47291	47101	47204	46482	47427	46881	46934	46590	47077	47036	47428	102.398
	13	46216	47525	47020	47562	47541	47136	46771	46742	46691	46791	47309	47027	102.265
	14	47778	47456	47287	46983	46845	47401	46572	47584	47465	47006	46713	47153	102.611
	15	47295	47360	47391	47567	46989	47340	47256	46912	47287	46990	47067	46778	102.610
	16	46924	47704	47060	46679	46054	47521	46760	47071	47771	47262	46552	47253	102.316
	17	47483	46788	47122	46235	46505	46563	47332	47706	47150	47214	47329	47152	102.310
	18	46920	47080	46874	47226	47291	47630	47334	46205	46446	47002	46822	47329	102.234
	19	47356	47726	46334	46766	47395	46823	47881	46610	47157	47359	46419	46720	102.304
	20	47400	47341	47103	47537	47606	46836	47959	46561	47515	47258	47216	47166	102.839
	21	46429	47036	46928	47443	47199	47472	47531	47530	46833	47517	47675	46972	102.669
	22	47465	47242	46924	47214	47425	47479	47056	46778	47604	47430	46693	46318	102.500
	23	46890	47125	46891	47407	46549	47016	47359	47317	46955	47315	47302	46681	102.351

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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
29	0	47473	46927	47663	47225	47352	46850	47949	47278	47260	47342	47594	47210	102.952
	1	47260	47310	47366	46763	46747	47915	47897	47422	46020	47379	46729	46804	102.497
	2	47092	46634	47592	47181	47209	47536	47130	47273	47175	46804	47189	47113	102.554
	3	47515	47099	47352	46762	47224	47315	47279	46948	47025	47154	47492	47526	102.692
	4	46640	47272	46946	47346	47458	46953	46676	47261	47220	47471	46814	47211	102.434
	5	46837	47554	47194	47467	47165	47374	46557	48207	47128	47314	47701	47459	102.922
	6	47521	47454	47377	46979	47210	46817	47374	47433	47100	47280	47049	47225	102.716
	7	47240	47674	47246	47470	47320	47447	46641	46828	46859	47078	47289	47254	102.630
	8	47679	47098	47981	46659	47298	46906	47181	46635	47190	47056	46981	46865	102.482
	9	47456	46822	47183	46584	46861	47330	47323	47507	46835	47392	47003	48189	102.655
	10	47597	47214	47769	47619	47243	47192	47559	47187	47335	47430	47138	47775	103.121
	11	47774	47404	46619	47048	47021	47130	46701	47135	47092	47063	47394	46997	102.454
	12	47018	47404	47298	47039	47433	46993	47501	47374	47343	46132	47307	47323	102.597
	13	47287	47225	47290	46709	47432	46645	47257	47134	47315	47101	47267	47634	102.621
	14	47060	47236	46626	46780	47031	47254	46811	47371	47380	46864	47185	47213	102.352
	15	47268	47047	47035	46612	46951	46751	47535	46988	47453	46796	47006	47475	102.371
	16	47019	47477	47076	47226	47037	47325	47970	46985	47362	47189	46485	47317	102.652
	17	47452	46811	46534	47275	47000	47787	47283	47155	47206	46561	47034	46845	102.376
	18	47329	47462	47312	46874	46992	48037	46881	47203	46676	47251	47214	47064	102.621
	19	47076	46295	47180	46712	47248	47339	46985	46917	47875	47361	47084	47040	102.406
	20	47018	47634	46939	46875	46790	47084	47580	46683	46386	47330	47007	47348	102.327
	21	47078	47459	47509	46972	47325	47314	47313	47568	47057	47329	47334	47000	102.795
	22	47284	46767	46952	46945	46402	46802	47809	47577	47145	47795	46383	46911	102.345
	23	47178	47161	47420	46980	47104	47862	46434	47443	46841	46969	47061	47208	102.506
30	0	47214	46410	47478	47041	47447	47144	47007	47588	47362	47255	47505	46425	102.546
	1	47102	47769	46978	47089	47198	46695	47488	47200	47304	46814	47144	47619	102.640
	2	46458	47889	46663	47112	47375	47332	46824	46547	47162	47015	47412	46753	102.303
	3	47580	47678	46983	47467	48116	47650	46974	46816	46347	46412	47831	46992	102.720
	4	47501	47275	46813	47409	46950	47406	47504	47757	46888	47340	47098	46597	102.665
	5	47401	47177	47315	47047	47175	47415	47508	47628	47388	47222	47121	47147	102.847
	6	47303	47369	47279	46797	47235	47307	47053	47635	46697	46872	47146	47160	102.541
	7	47396	47457	47059	47592	47862	47000	48182	47491	47104	47293	46916	46658	102.932
	8	47197	46889	46925	47557	47414	46986	47049	47172	47316	47374	46766	47385	102.573
	9	47670	48151	47513	47703	46946	47597	47215	47309	47709	47562	47899	46959	103.335
	10	47546	47521	47300	47610	46887	47042	47303	46978	47216	47522	47533	46916	102.816
	11	47015	46562	46568	46885	47206	47607	47135	46706	47243	47307	47348	47834	102.462
	12	47351	47209	47273	47279	47637	47864	47272	47128	47856	47721	47420	47020	103.116
	13	46411	47450	47620	46897	47786	47107	47262	47486	46390	47607	46071	46704	102.348
	14	47367	47423	47099	47244	47671	46894	47697	47205	46892	47320	46908	46656	102.636
	15	47004	47563	46884	47417	47685	47905	47421	47464	47224	46597	47439	46829	102.827
	16	46997	47130	47076	47240	46741	46863	47220	46467	47151	47125	47560	47280	102.359
	17	47442	47546	47174	47308	46703	47258	47073	46737	47240	46709	48054	47786	102.754
	18	47361	46851	47351	48019	47182	47788	47372	46755	47157	47402	47375	46677	102.801
	19	46567	47034	47438	46574	46693	47306	46590	47583	46419	46912	46966	47801	102.184
	20	47356	47023	46740	46811	47142	47314	46834	46908	46752	47177	46786	46852	102.149
	21	47553	47501	46633	47273	46713	47463	47465	46886	46970	45958	47242	46659	102.263
	22	47043	46830	47132	47096	47875	47362	46785	47318	47415	47534	47165	46994	102.667
	23	46657	47443	47254	47252	47669	47031	47033	47338	47395	47288	47195	47201	102.704

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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	46554	46619	46850	46707	46893	47498	46810	47186	46950	46992	47370	47175	102.133
	1	47318	47354	47336	47136	46477	46200	47048	47582	47153	47050	46914	47745	102.443
	2	47085	47152	47716	46895	47333	46819	47165	47243	47298	47218	47104	46673	102.513
	3	47263	47046	46486	46706	47347	46366	47060	48044	47062	47165	46796	46973	102.262
	4	47110	46966	47513	46711	46903	46386	47225	47703	46786	46511	46898	46836	102.123
	5	46652	46592	46677	47067	47180	47017	47457	46991	47153	47518	47040	46690	102.211
	6	47893	47451	47072	47184	46876	47435	46733	48012	47178	46645	47139	47204	102.716
	7	46933	46845	47159	46795	46490	47006	46641	47202	47202	46930	47021	47067	102.076
	8	47203	47121	47432	46663	47162	47627	47154	47287	46833	47512	46771	47732	102.658
	9	47019	46840	46709	46696	47015	46735	46765	46887	47749	47391	47624	47234	102.325
	10	46868	47356	46755	47048	47273	46954	47160	47564	47192	47172	47446	46587	102.455
	11	47500	47128	46416	47117	47294	46551	47091	47004	47181	47153	47102	47155	102.330
	12	47522	47092	46455	46803	47023	46836	47119	47584	47197	47326	47265	46801	102.390
	13	47393	47592	47038	47291	47371	46918	46787	46831	46892	46943	46784	47187	102.391
	14	47072	46503	46933	46659	47377	46774	47107	46476	46905	47503	46644	47084	102.031
	15	46459	47051	46686	46850	47015	47046	47384	46971	46878	47665	46528	46623	102.052
	16	46794	47856	46528	47304	47700	46801	46899	47245	46259	47377	46971	45912	102.141
	17	46433	46760	47241	47203	46493	46702	46593	47139	46707	47526	46490	47105	101.913
	18	47249	47339	46691	46443	47952	47240	46344	47523	46820	47374	47187	47420	102.492
	19	46864	47287	47638	47294	46718	46722	46995	47467	47195	47148	46637	46961	102.373
	20	46538	47292	46860	46832	46700	46437	47305	47511	46745	47271	46415	47276	102.057
	21	46628	47271	47010	46486	47489	46985	46810	47270	46364	47260	47181	46820	102.128
	22	46472	47125	47006	46269	46274	47207	46586	46479	47228	46930	47046	47183	101.808
	23	47045	46535	46469	47001	47109	47499	46971	46737	46318	46684	47196	46893	101.925



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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	1002.08	1002.06	1001.95	1001.84	1001.84	1001.79	1001.69	1001.64	1001.58	1001.47	1001.40	1001.33	1001.71
	1	1001.28	1001.22	1001.01	1000.79	1000.70	1000.64	1000.56	1000.46	1000.43	1000.34	1000.14	1000.00	1000.63
	2	999.98	1000.18	1000.33	1000.36	1000.47	1000.53	1000.59	1000.71	1000.70	1000.74	1000.88	1000.90	1000.53
	3	1000.84	1000.86	1000.93	1000.90	1000.86	1000.85	1000.88	1000.84	1000.82	1000.92	1000.92	1000.97	1000.88
	4	1001.09	1001.26	1001.39	1001.40	1001.52	1001.60	1001.66	1001.75	1001.83	1001.96	1002.09	1002.24	1001.65
	5	1002.36	1002.50	1002.63	1002.74	1002.85	1002.92	1003.08	1003.20	1003.27	1003.40	1003.59	1003.70	1003.02
	6	1003.72	1003.80	1003.87	1003.95	1004.10	1004.21	1004.24	1004.24	1004.27	1004.36	1004.43	1004.47	1004.14
	7	1004.51	1004.56	1004.65	1004.74	1004.85	1005.01	1005.12	1005.18	1005.29	1005.45	1005.54	1005.59	1005.04
	8	1005.57	1005.56	1005.64	1005.74	1005.83	1005.91	1005.96	1005.98	1006.10	1006.23	1006.34	1006.47	1005.94
	9	1006.47	1006.46	1006.49	1006.53	1006.57	1006.55	1006.56	1006.58	1006.59	1006.67	1006.79	1006.88	1006.59
	10	1006.92	1006.93	1006.95	1006.99	1007.05	1007.08	1007.06	1007.06	1007.08	1007.08	1007.10	1007.19	1007.04
	11	1007.24	1007.24	1007.26	1007.24	1007.25	1007.22	1007.16	1007.16	1007.12	1007.08	1007.05	1006.99	1007.17
	12	1007.01	1007.00	1006.94	1006.84	1006.56	1006.51	1006.81	1006.99	1006.98	1006.97	1007.06	1007.09	1006.89
	13	1007.03	1007.03	1007.07	1007.10	1007.16	1007.21	1007.24	1007.26	1007.26	1007.28	1007.28	1007.31	1007.18
	14	1007.35	1007.34	1007.34	1007.29	1007.22	1007.18	1007.19	1007.21	1007.21	1007.22	1007.26	1007.27	1007.25
	15	1007.33	1007.44	1007.52	1007.54	1007.54	1007.55	1007.57	1007.65	1007.68	1007.67	1007.66	1007.70	1007.57
	16	1007.80	1007.85	1007.88	1007.92	1007.96	1008.02	1008.11	1008.14	1008.12	1008.16	1008.25	1008.40	1008.05
	17	1008.54	1008.60	1008.59	1008.59	1008.64	1008.66	1008.64	1008.67	1008.77	1008.84	1008.90	1008.97	1008.70
	18	1009.03	1009.08	1009.14	1009.23	1009.27	1009.26	1009.24	1009.21	1009.20	1009.25	1009.27	1009.28	1009.20
	19	1009.30	1009.27	1009.23	1009.24	1009.24	1009.31	1009.43	1009.49	1009.49	1009.45	1009.37	1009.32	1009.34
	20	1009.33	1009.38	1009.50	1009.60	1009.60	1009.60	1009.57	1009.54	1009.56	1009.65	1009.72	1009.60	1009.55
	21	1009.48	1009.52	1009.55	1009.57	1009.60	1009.61	1009.63	1009.94	1010.23	1010.26	1010.21	1010.10	1009.81
	22	1010.02	1009.95	1009.95	1009.95	1009.92	1009.92	1009.98	1010.01	1010.02	1010.01	1010.02	1010.11	1009.99
	23	1010.18	1010.13	1010.03	1009.92	1009.82	1009.82	1009.79	1009.75	1009.77	1009.75	1009.73	1009.76	1009.87
2	0	1009.95	1009.90	1009.87	1009.83	1009.81	1009.85	1009.84	1009.75	1009.69	1009.61	1009.57	1009.60	1009.76
	1	1009.63	1009.70	1009.71	1009.69	1009.67	1009.72	1009.83	1009.81	1009.79	1009.80	1009.71	1009.61	1009.72
	2	1009.54	1009.50	1009.52	1009.46	1009.38	1009.33	1009.22	1009.13	1009.13	1009.18	1009.26	1009.34	1009.33
	3	1009.37	1009.40	1009.42	1009.37	1009.36	1009.45	1009.50	1009.54	1009.58	1009.62	1009.67	1009.70	1009.50
	4	1009.70	1009.72	1009.71	1009.69	1009.65	1009.57	1009.52	1009.44	1009.38	1009.41	1009.48	1009.49	1009.56
	5	1009.43	1009.43	1009.46	1009.50	1009.52	1009.51	1009.52	1009.58	1009.63	1009.65	1009.68	1009.72	1009.55
	6	1009.72	1009.73	1009.76	1009.75	1009.70	1009.68	1009.71	1009.79	1009.85	1009.85	1009.81	1009.77	1009.76
	7	1009.77	1009.79	1009.82	1009.87	1009.94	1010.01	1010.03	1009.96	1009.91	1009.88	1009.89	1009.96	1009.90
	8	1009.99	1010.02	1010.04	1010.00	1010.03	1010.08	1010.11	1010.06	1010.01	1010.00	1010.00	1010.03	1010.03
	9	1010.00	1009.97	1009.89	1009.96	1010.18	1010.27	1010.23	1010.15	1010.11	1010.19	1010.54	1010.87	1010.19
	10	1010.90	1010.81	1010.76	1010.74	1010.68	1010.62	1010.58	1010.53	1010.46	1010.38	1010.34	1010.33	1010.59
	11	1010.34	1010.32	1010.27	1010.24	1010.22	1010.14	1010.08	1010.13	1010.15	1010.13	1010.12	1010.13	1010.19
	12	1010.14	1010.09	1010.01	1009.94	1009.90	1009.87	1009.82	1009.78	1009.74	1009.73	1009.71	1009.63	1009.86
	13	1009.55	1009.50	1009.43	1009.37	1009.35	1009.29	1009.24	1009.24	1009.21	1009.16	1009.19	1009.22	1009.31
	14	1009.19	1009.19	1009.13	1009.00	1008.97	1008.99	1009.00	1008.98	1008.94	1008.96	1009.02	1009.02	1009.03
	15	1008.96	1008.93	1008.92	1008.89	1008.85	1008.81	1008.83	1008.89	1008.92	1008.92	1008.93	1008.94	1008.90
	16	1008.89	1008.83	1008.80	1008.83	1008.86	1008.83	1008.83	1008.85	1008.86	1008.89	1008.90	1008.87	1008.85
	17	1008.75	1008.66	1008.69	1008.73	1008.76	1008.83	1008.90	1008.92	1008.88	1008.82	1008.78	1008.77	1008.79
	18	1008.80	1008.83	1008.84	1008.90	1008.96	1008.97	1008.95	1008.94	1008.93	1008.95	1008.96	1008.97	1008.92
	19	1009.00	1009.01	1009.02	1009.05	1009.07	1009.06	1009.02	1009.02	1009.03	1008.97	1008.92	1008.92	1009.01
	20	1008.93	1008.92	1008.92	1008.94	1008.99	1009.02	1009.02	1008.98	1008.91	1008.86	1008.82	1008.75	1008.92
	21	1008.71	1008.68	1008.64	1008.60	1008.56	1008.50	1008.43	1008.36	1008.26	1008.18	1008.13	1008.11	1008.43
	22	1008.15	1008.22	1008.25	1008.23	1008.23	1008.22	1008.20	1008.18	1008.20	1008.20	1008.17	1008.15	1008.20
	23	1008.12	1008.08	1008.07	1008.02	1007.95	1007.91	1007.84	1007.73	1007.62	1007.53	1007.49	1007.47	1007.82

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
3	0	1007.42	1007.43	1007.44	1007.43	1007.39	1007.37	1007.38	1007.38	1007.37	1007.36	1007.32	1007.27	1007.38
	1	1007.22	1007.18	1007.15	1007.12	1007.10	1007.10	1007.09	1007.08	1007.06	1007.02	1006.96	1006.90	1007.08
	2	1006.85	1006.80	1006.72	1006.69	1006.71	1006.73	1006.70	1006.63	1006.60	1006.64	1006.65	1006.61	1006.69
	3	1006.58	1006.58	1006.58	1006.55	1006.51	1006.52	1006.54	1006.51	1006.48	1006.47	1006.44	1006.43	1006.51
	4	1006.43	1006.41	1006.39	1006.38	1006.38	1006.44	1006.48	1006.42	1006.38	1006.36	1006.35	1006.37	1006.40
	5	1006.44	1006.51	1006.50	1006.46	1006.42	1006.41	1006.41	1006.36	1006.38	1006.46	1006.47	1006.47	1006.44
	6	1006.46	1006.47	1006.55	1006.53	1006.50	1006.51	1006.50	1006.57	1006.64	1006.66	1006.71	1006.78	1006.57
	7	1006.78	1006.80	1006.83	1006.81	1006.81	1006.83	1006.83	1006.84	1006.89	1006.94	1006.97	1006.95	1006.85
	8	1006.93	1006.94	1006.95	1006.98	1007.08	1007.14	1007.12	1007.08	1007.01	1006.94	1006.91	1006.90	1007.00
	9	1006.87	1006.85	1006.82	1006.79	1006.75	1006.73	1006.71	1006.65	1006.61	1006.62	1006.64	1006.60	1006.72
	10	1006.53	1006.45	1006.34	1006.27	1006.19	1006.06	1005.99	1005.94	1005.89	1005.91	1005.96	1005.98	1006.12
	11	1005.94	1005.85	1005.77	1005.72	1005.64	1005.57	1005.54	1005.52	1005.49	1005.48	1005.52	1005.58	1005.63
	12	1005.59	1005.56	1005.54	1005.49	1005.47	1005.48	1005.47	1005.46	1005.43	1005.40	1005.40	1005.43	1005.48
	13	1005.43	1005.40	1005.38	1005.35	1005.32	1005.29	1005.26	1005.24	1005.21	1005.17	1005.13	1005.13	1005.27
	14	1005.12	1005.12	1005.15	1005.15	1005.15	1005.14	1005.12	1005.07	1005.04	1005.05	1005.08	1005.12	1005.11
	15	1005.17	1005.21	1005.27	1005.38	1005.45	1005.47	1005.50	1005.53	1005.55	1005.57	1005.62	1005.65	1005.45
	16	1005.70	1005.76	1005.81	1005.90	1005.96	1005.99	1006.01	1006.05	1006.09	1006.09	1006.14	1006.24	1005.98
	17	1006.29	1006.29	1006.30	1006.33	1006.33	1006.34	1006.40	1006.46	1006.47	1006.46	1006.47	1006.48	1006.38
	18	1006.47	1006.46	1006.45	1006.47	1006.51	1006.56	1006.61	1006.63	1006.62	1006.62	1006.65	1006.71	1006.56
	19	1006.79	1006.84	1006.82	1006.81	1006.82	1006.80	1006.81	1006.80	1006.72	1006.65	1006.64	1006.66	1006.76
	20	1006.79	1006.92	1006.97	1006.99	1006.91	1006.84	1006.67	1006.50	1006.45	1006.38	1006.33	1006.38	1006.68
	21	1006.43	1006.40	1006.33	1006.31	1006.35	1006.34	1006.30	1006.34	1006.46	1006.55	1006.61	1006.67	1006.42
	22	1006.72	1006.78	1006.81	1006.86	1006.90	1006.85	1006.78	1006.79	1006.85	1006.89	1006.87	1006.78	1006.82
	23	1006.64	1006.47	1006.33	1006.15	1005.94	1005.84	1005.73	1005.60	1005.55	1005.51	1005.47	1005.48	1005.89
4	0	1005.37	1005.40	1005.50	1005.60	1005.59	1005.64	1005.72	1005.72	1005.67	1005.52	1005.44	1005.40	1005.55
	1	1005.28	1005.14	1005.08	1005.07	1005.10	1005.12	1005.11	1005.03	1004.86	1004.75	1004.56	1004.37	1004.95
	2	1004.32	1004.31	1004.27	1004.28	1004.32	1004.36	1004.39	1004.41	1004.45	1004.49	1004.45	1004.36	1004.37
	3	1004.33	1004.37	1004.32	1004.20	1004.11	1003.96	1003.81	1003.76	1003.79	1003.83	1003.85	1003.81	1004.01
	4	1003.79	1003.76	1003.66	1003.64	1003.64	1003.64	1003.67	1003.62	1003.56	1003.60	1003.60	1003.49	1003.64
	5	1003.38	1003.30	1003.20	1003.11	1003.13	1003.15	1003.04	1002.90	1002.84	1002.85	1002.92	1002.92	1003.06
	6	1002.83	1002.78	1002.80	1002.83	1002.88	1002.88	1002.79	1002.70	1002.64	1002.68	1002.88	1002.98	1002.80
	7	1002.96	1002.92	1002.88	1002.87	1002.90	1002.96	1003.01	1003.11	1003.18	1003.13	1003.17	1003.19	1003.02
	8	1003.12	1003.11	1003.03	1002.95	1002.93	1002.95	1002.99	1003.01	1003.01	1002.99	1002.98	1002.96	1003.00
	9	1002.94	1002.90	1002.89	1002.93	1003.04	1003.20	1003.28	1003.20	1003.06	1003.02	1003.04	1002.98	1003.04
	10	1002.83	1002.74	1002.75	1002.75	1002.73	1002.77	1002.84	1002.85	1002.83	1002.82	1002.78	1002.71	1002.78
	11	1002.67	1002.65	1002.64	1002.61	1002.56	1002.57	1002.63	1002.65	1002.59	1002.56	1002.60	1002.62	1002.61
	12	1002.64	1002.68	1002.69	1002.64	1002.59	1002.61	1002.62	1002.60	1002.63	1002.69	1002.71	1002.72	1002.65
	13	1002.79	1002.86	1002.87	1002.90	1002.89	1002.86	1002.89	1002.94	1003.02	1003.15	1003.20	1003.18	1002.96
	14	1003.21	1003.29	1003.39	1003.48	1003.57	1003.67	1003.76	1003.77	1003.77	1003.79	1003.83	1003.92	1003.62
	15	1004.12	1004.31	1004.42	1004.50	1004.59	1004.73	1004.85	1004.96	1005.06	1005.15	1005.25	1005.28	1004.77
	16	1005.34	1005.44	1005.54	1005.59	1005.64	1005.76	1005.83	1005.85	1005.92	1005.97	1005.95	1005.92	1005.73
	17	1005.92	1005.97	1006.04	1006.19	1006.38	1006.54	1006.65	1006.74	1006.84	1006.91	1006.96	1006.97	1006.51
	18	1007.00	1007.04	1007.15	1007.25	1007.31	1007.30	1007.27	1007.33	1007.41	1007.51	1007.50	1007.37	1007.28
	19	1007.34	1007.40	1007.46	1007.48	1007.53	1007.56	1007.51	1007.51	1007.61	1007.73	1007.77	1007.76	1007.55
	20	1007.79	1007.84	1007.84	1007.82	1007.81	1007.82	1007.86	1007.87	1007.83	1007.86	1007.95	1007.98	1007.85
	21	1007.97	1007.99	1008.04	1008.08	1008.11	1008.13	1008.15	1008.19	1008.24	1008.25	1008.27	1008.31	1008.14
	22	1008.32	1008.30	1008.29	1008.21	1008.18	1008.28	1008.36	1008.43	1008.51	1008.45	1008.34	1008.38	1008.33
	23	1008.47	1008.47	1008.45	1008.43	1008.33	1008.26	1008.30	1008.34	1008.32	1008.32	1008.28	1008.23	1008.35

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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	1008.33	1008.36	1008.40	1008.40	1008.42	1008.47	1008.48	1008.46	1008.46	1008.43	1008.36	1008.31	1008.41
	1	1008.24	1008.17	1008.17	1008.20	1008.17	1008.08	1007.99	1007.97	1007.98	1007.95	1007.88	1007.74	1008.04
	2	1007.65	1007.63	1007.54	1007.39	1007.25	1007.14	1007.08	1007.08	1007.07	1007.07	1007.09	1007.08	1007.25
	3	1007.02	1006.93	1006.83	1006.88	1007.08	1007.22	1007.27	1007.24	1007.17	1007.11	1007.12	1007.13	1007.08
	4	1007.16	1007.19	1007.20	1007.14	1007.05	1007.11	1007.14	1007.12	1007.11	1007.09	1007.08	1007.12	1007.12
	5	1007.18	1007.19	1007.20	1007.22	1007.23	1007.29	1007.42	1007.46	1007.41	1007.59	1007.71	1007.65	1007.38
	6	1007.65	1007.61	1007.61	1007.69	1007.76	1007.76	1007.76	1007.75	1007.72	1007.77	1007.79	1007.76	1007.72
	7	1007.78	1007.81	1007.80	1007.79	1007.78	1007.82	1007.93	1007.95	1007.87	1007.80	1007.74	1007.73	1007.81
	8	1007.74	1007.72	1007.74	1007.80	1007.86	1007.87	1007.86	1007.82	1007.80	1007.81	1007.84	1007.92	1007.81
	9	1007.92	1007.90	1007.88	1007.81	1007.72	1007.65	1007.66	1007.70	1007.67	1007.61	1007.62	1007.62	1007.73
	10	1007.53	1007.47	1007.42	1007.35	1007.26	1007.16	1007.13	1007.07	1006.97	1006.90	1006.82	1006.75	1007.15
	11	1006.76	1006.79	1006.71	1006.60	1006.51	1006.45	1006.42	1006.38	1006.36	1006.28	1006.25	1006.24	1006.48
	12	1006.15	1006.14	1006.14	1006.10	1005.98	1005.85	1005.74	1005.62	1005.55	1005.47	1005.42	1005.39	1005.79
	13	1005.34	1005.39	1005.34	1005.24	1005.28	1005.29	1005.29	1005.28	1005.22	1005.15	1005.10	1005.14	1005.25
	14	1005.21	1005.21	1005.25	1005.28	1005.24	1005.27	1005.32	1005.35	1005.36	1005.39	1005.39	1005.41	1005.30
	15	1005.38	1005.32	1005.38	1005.48	1005.46	1005.47	1005.53	1005.53	1005.51	1005.53	1005.54	1005.48	1005.47
	16	1005.42	1005.36	1005.35	1005.33	1005.32	1005.29	1005.27	1005.30	1005.34	1005.36	1005.39	1005.55	1005.35
	17	1005.65	1005.65	1005.56	1005.42	1005.47	1005.61	1005.62	1005.49	1005.29	1005.14	1004.97	1004.90	1005.39
	18	1005.09	1005.39	1005.67	1005.80	1005.85	1005.96	1006.12	1006.28	1006.36	1006.37	1006.34	1006.25	1005.96
	19	1006.19	1006.22	1006.28	1006.29	1006.33	1006.40	1006.47	1006.60	1006.69	1006.70	1006.69	1006.72	1006.46
	20	1006.76	1006.82	1006.86	1006.91	1006.94	1006.92	1006.92	1006.98	1007.05	1007.10	1007.12	1007.09	1006.95
	21	1007.08	1007.11	1007.13	1007.12	1007.12	1007.15	1007.18	1007.17	1007.18	1007.18	1007.17	1007.18	1007.15
	22	1007.24	1007.34	1007.41	1007.49	1007.57	1007.62	1007.65	1007.70	1007.73	1007.75	1007.71	1007.71	1007.57
	23	1007.78	1007.82	1007.87	1007.93	1007.95	1007.97	1007.99	1007.98	1007.97	1007.94	1007.93	1007.99	1007.92
6	0	1008.04	1008.04	1008.05	1008.08	1008.11	1008.13	1008.17	1008.20	1008.19	1008.22	1008.27	1008.32	1008.15
	1	1008.38	1008.41	1008.43	1008.52	1008.59	1008.58	1008.53	1008.50	1008.53	1008.54	1008.54	1008.52	1008.50
	2	1008.51	1008.46	1008.35	1008.31	1008.31	1008.25	1008.21	1008.22	1008.17	1008.05	1007.96	1007.90	1008.22
	3	1007.88	1007.89	1007.87	1007.84	1007.81	1007.82	1007.83	1007.84	1007.88	1007.98	1008.10	1008.16	1007.91
	4	1008.17	1008.17	1008.20	1008.27	1008.31	1008.37	1008.51	1008.63	1008.69	1008.69	1008.70	1008.73	1008.45
	5	1008.83	1008.96	1009.01	1009.04	1009.06	1009.10	1009.15	1009.19	1009.17	1009.17	1009.23	1009.28	1009.10
	6	1009.31	1009.37	1009.48	1009.53	1009.52	1009.50	1009.47	1009.42	1009.46	1009.58	1009.65	1009.67	1009.49
	7	1009.65	1009.64	1009.69	1009.78	1009.78	1009.75	1009.75	1009.73	1009.70	1009.68	1009.74	1009.84	1009.73
	8	1009.91	1009.95	1010.02	1010.07	1010.10	1010.13	1010.16	1010.17	1010.21	1010.26	1010.28	1010.25	1010.12
	9	1010.25	1010.24	1010.18	1010.15	1010.12	1010.11	1010.12	1010.08	1010.05	1010.08	1010.13	1010.13	1010.14
	10	1010.16	1010.19	1010.22	1010.23	1010.22	1010.21	1010.24	1010.30	1010.32	1010.32	1010.28	1010.19	1010.24
	11	1010.14	1010.10	1010.04	1009.98	1009.92	1009.85	1009.74	1009.69	1009.68	1009.65	1009.63	1009.62	1009.83
	12	1009.61	1009.57	1009.50	1009.42	1009.38	1009.37	1009.35	1009.29	1009.24	1009.25	1009.27	1009.26	1009.37
	13	1009.21	1009.16	1009.16	1009.10	1009.02	1008.98	1008.99	1009.02	1009.04	1009.06	1009.10	1009.14	1009.08
	14	1009.17	1009.19	1009.19	1009.19	1009.21	1009.22	1009.22	1009.23	1009.25	1009.26	1009.28	1009.30	1009.22
	15	1009.29	1009.29	1009.31	1009.33	1009.36	1009.39	1009.41	1009.43	1009.46	1009.49	1009.54	1009.62	1009.41
	16	1009.68	1009.71	1009.72	1009.75	1009.74	1009.71	1009.71	1009.74	1009.73	1009.71	1009.75	1009.85	1009.73
	17	1009.90	1009.86	1009.88	1009.91	1009.92	1009.98	1010.02	1010.03	1010.06	1010.08	1010.10	1010.12	1009.98
	18	1010.12	1010.17	1010.29	1010.42	1010.51	1010.57	1010.64	1010.70	1010.75	1010.77	1010.79	1010.83	1010.55
	19	1010.78	1010.75	1010.77	1010.79	1010.82	1010.84	1010.87	1010.92	1011.02	1011.08	1011.10	1011.10	1010.90
	20	1011.15	1011.16	1011.13	1011.07	1011.02	1011.04	1011.07	1011.17	1011.28	1011.37	1011.42	1011.48	1011.19
	21	1011.55	1011.62	1011.68	1011.72	1011.75	1011.80	1011.86	1011.88	1011.92	1012.00	1012.04	1012.09	1011.82
	22	1012.16	1012.17	1012.19	1012.24	1012.32	1012.43	1012.52	1012.57	1012.63	1012.66	1012.70	1012.74	1012.44
	23	1012.73	1012.73	1012.74	1012.73	1012.73	1012.74	1012.76	1012.78	1012.77	1012.76	1012.78	1012.77	1012.75

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
7	0	1012.82	1012.83	1012.88	1012.91	1012.90	1012.89	1012.89	1012.94	1012.94	1012.94	1012.99	1013.03	1012.91
	1	1013.08	1013.15	1013.17	1013.19	1013.23	1013.27	1013.33	1013.43	1013.60	1013.73	1013.78	1013.81	1013.39
	2	1013.80	1013.78	1013.77	1013.77	1013.79	1013.80	1013.79	1013.77	1013.73	1013.74	1013.76	1013.76	1013.77
	3	1013.77	1013.80	1013.80	1013.81	1013.85	1013.87	1013.88	1013.92	1013.95	1013.98	1014.03	1014.08	1013.89
	4	1014.15	1014.23	1014.25	1014.24	1014.28	1014.31	1014.32	1014.34	1014.38	1014.43	1014.48	1014.54	1014.33
	5	1014.61	1014.62	1014.66	1014.76	1014.82	1014.82	1014.81	1014.87	1014.94	1014.98	1015.03	1015.09	1014.83
	6	1015.18	1015.27	1015.32	1015.33	1015.36	1015.44	1015.51	1015.55	1015.58	1015.64	1015.66	1015.67	1015.46
	7	1015.70	1015.79	1015.90	1015.99	1016.06	1016.13	1016.20	1016.28	1016.34	1016.37	1016.38	1016.42	1016.13
	8	1016.48	1016.55	1016.61	1016.66	1016.72	1016.75	1016.76	1016.77	1016.78	1016.81	1016.88	1016.95	1016.72
	9	1017.00	1017.06	1017.14	1017.21	1017.26	1017.30	1017.31	1017.32	1017.33	1017.33	1017.33	1017.31	1017.24
	10	1017.27	1017.23	1017.19	1017.19	1017.21	1017.23	1017.22	1017.16	1017.10	1017.05	1017.03	1017.02	1017.16
	11	1017.02	1017.04	1017.05	1017.06	1017.08	1017.08	1017.07	1017.03	1017.00	1016.97	1016.93	1016.91	1017.02
	12	1016.88	1016.85	1016.84	1016.83	1016.82	1016.83	1016.84	1016.86	1016.86	1016.83	1016.82	1016.81	1016.84
	13	1016.81	1016.82	1016.84	1016.84	1016.83	1016.81	1016.79	1016.78	1016.81	1016.85	1016.85	1016.89	1016.82
	14	1016.92	1016.94	1017.00	1017.07	1017.13	1017.18	1017.23	1017.29	1017.32	1017.33	1017.37	1017.41	1017.18
	15	1017.45	1017.50	1017.52	1017.51	1017.53	1017.58	1017.61	1017.64	1017.66	1017.68	1017.70	1017.73	1017.59
	16	1017.74	1017.77	1017.81	1017.82	1017.84	1017.90	1017.94	1017.95	1017.97	1018.03	1018.10	1018.18	1017.92
	17	1018.25	1018.31	1018.36	1018.44	1018.50	1018.53	1018.53	1018.52	1018.52	1018.52	1018.56	1018.62	1018.47
	18	1018.66	1018.69	1018.73	1018.77	1018.80	1018.86	1018.92	1018.97	1019.02	1019.08	1019.15	1019.17	1018.90
	19	1019.22	1019.30	1019.38	1019.46	1019.53	1019.56	1019.61	1019.64	1019.64	1019.69	1019.78	1019.82	1019.55
	20	1019.80	1019.75	1019.70	1019.70	1019.72	1019.72	1019.74	1019.77	1019.78	1019.80	1019.86	1019.93	1019.77
	21	1019.96	1019.98	1020.02	1020.06	1020.05	1020.01	1020.05	1020.12	1020.19	1020.26	1020.32	1020.36	1020.11
	22	1020.39	1020.43	1020.46	1020.49	1020.55	1020.61	1020.66	1020.69	1020.75	1020.81	1020.85	1020.87	1020.63
	23	1020.87	1020.89	1020.90	1020.87	1020.79	1020.72	1020.71	1020.72	1020.71	1020.70	1020.69	1020.70	1020.77
8	0	1020.69	1020.70	1020.72	1020.73	1020.75	1020.79	1020.83	1020.86	1020.85	1020.86	1020.91	1020.93	1020.80
	1	1020.97	1021.01	1021.05	1021.13	1021.18	1021.19	1021.20	1021.20	1021.20	1021.24	1021.26	1021.27	1021.16
	2	1021.31	1021.36	1021.41	1021.42	1021.41	1021.41	1021.43	1021.47	1021.50	1021.53	1021.58	1021.61	1021.45
	3	1021.63	1021.65	1021.66	1021.69	1021.70	1021.75	1021.79	1021.79	1021.81	1021.82	1021.81	1021.81	1021.74
	4	1021.82	1021.87	1021.90	1021.92	1021.96	1022.03	1022.11	1022.19	1022.27	1022.34	1022.43	1022.51	1022.11
	5	1022.60	1022.65	1022.68	1022.70	1022.70	1022.76	1022.81	1022.85	1022.89	1022.88	1022.91	1022.94	1022.78
	6	1022.94	1022.94	1022.97	1023.00	1023.02	1023.05	1023.09	1023.13	1023.17	1023.21	1023.24	1023.28	1023.08
	7	1023.32	1023.34	1023.40	1023.50	1023.58	1023.63	1023.67	1023.69	1023.74	1023.78	1023.83	1023.89	1023.61
	8	1023.94	1024.01	1024.07	1024.13	1024.19	1024.21	1024.23	1024.26	1024.32	1024.36	1024.39	1024.44	1024.21
	9	1024.46	1024.48	1024.51	1024.54	1024.56	1024.61	1024.66	1024.67	1024.66	1024.61	1024.54	1024.48	1024.56
	10	1024.45	1024.41	1024.39	1024.39	1024.39	1024.40	1024.40	1024.38	1024.37	1024.32	1024.25	1024.23	1024.36
	11	1024.22	1024.20	1024.20	1024.18	1024.12	1024.08	1024.07	1024.04	1023.99	1023.95	1023.95	1023.94	1024.08
	12	1023.90	1023.83	1023.76	1023.69	1023.66	1023.65	1023.63	1023.61	1023.59	1023.55	1023.49	1023.44	1023.65
	13	1023.40	1023.38	1023.38	1023.36	1023.35	1023.35	1023.34	1023.32	1023.31	1023.30	1023.31	1023.30	1023.34
	14	1023.29	1023.31	1023.33	1023.35	1023.36	1023.36	1023.37	1023.37	1023.36	1023.36	1023.36	1023.35	1023.35
	15	1023.37	1023.39	1023.40	1023.41	1023.42	1023.43	1023.45	1023.46	1023.47	1023.49	1023.53	1023.56	1023.45
	16	1023.56	1023.57	1023.57	1023.57	1023.59	1023.61	1023.63	1023.65	1023.68	1023.75	1023.80	1023.81	1023.65
	17	1023.80	1023.80	1023.81	1023.84	1023.88	1023.92	1023.95	1023.96	1023.99	1024.05	1024.08	1024.07	1023.93
	18	1024.06	1024.07	1024.10	1024.11	1024.13	1024.15	1024.15	1024.17	1024.20	1024.20	1024.21	1024.23	1024.15
	19	1024.23	1024.24	1024.27	1024.27	1024.25	1024.21	1024.20	1024.22	1024.24	1024.25	1024.27	1024.27	1024.24
	20	1024.29	1024.31	1024.31	1024.26	1024.21	1024.20	1024.20	1024.18	1024.16	1024.16	1024.15	1024.12	1024.21
	21	1024.11	1024.14	1024.16	1024.17	1024.18	1024.21	1024.21	1024.17	1024.15	1024.17	1024.22	1024.26	1024.18
	22	1024.27	1024.28	1024.32	1024.35	1024.39	1024.44	1024.46	1024.45	1024.44	1024.43	1024.42	1024.40	1024.38
	23	1024.39	1024.36	1024.32	1024.31	1024.32	1024.31	1024.26	1024.24	1024.27	1024.31	1024.33	1024.30	1024.31

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	1024.33	1024.32	1024.28	1024.25	1024.24	1024.26	1024.27	1024.26	1024.27	1024.28	1024.31	1024.33	1024.28
	1	1024.34	1024.36	1024.37	1024.35	1024.37	1024.40	1024.40	1024.40	1024.40	1024.39	1024.37	1024.32	1024.37
	2	1024.28	1024.25	1024.20	1024.16	1024.13	1024.07	1024.01	1023.98	1023.96	1023.88	1023.78	1023.73	1024.03
	3	1023.71	1023.67	1023.62	1023.61	1023.63	1023.62	1023.57	1023.52	1023.48	1023.44	1023.42	1023.40	1023.56
	4	1023.39	1023.36	1023.34	1023.33	1023.30	1023.29	1023.29	1023.26	1023.20	1023.19	1023.22	1023.24	1023.28
	5	1023.26	1023.27	1023.28	1023.27	1023.26	1023.27	1023.27	1023.29	1023.33	1023.35	1023.36	1023.38	1023.30
	6	1023.42	1023.46	1023.49	1023.51	1023.55	1023.59	1023.59	1023.58	1023.61	1023.66	1023.67	1023.67	1023.57
	7	1023.68	1023.66	1023.64	1023.62	1023.62	1023.64	1023.64	1023.65	1023.67	1023.69	1023.69	1023.67	1023.65
	8	1023.65	1023.65	1023.67	1023.71	1023.73	1023.73	1023.72	1023.68	1023.66	1023.68	1023.69	1023.70	1023.69
	9	1023.71	1023.70	1023.67	1023.66	1023.65	1023.62	1023.60	1023.58	1023.53	1023.47	1023.39	1023.30	1023.57
	10	1023.24	1023.19	1023.14	1023.03	1022.92	1022.83	1022.76	1022.69	1022.58	1022.46	1022.36	1022.27	1022.79
	11	1022.21	1022.11	1021.99	1021.89	1021.82	1021.76	1021.67	1021.59	1021.52	1021.44	1021.33	1021.27	1021.71
	12	1021.24	1021.16	1021.08	1021.00	1020.91	1020.84	1020.77	1020.68	1020.64	1020.59	1020.53	1020.48	1020.82
	13	1020.43	1020.39	1020.35	1020.28	1020.22	1020.23	1020.23	1020.24	1020.27	1020.26	1020.23	1020.21	1020.28
	14	1020.23	1020.27	1020.29	1020.23	1020.17	1020.13	1020.10	1020.08	1020.03	1019.98	1019.93	1019.90	1020.11
	15	1019.89	1019.89	1019.87	1019.83	1019.81	1019.81	1019.80	1019.78	1019.77	1019.73	1019.68	1019.63	1019.79
	16	1019.58	1019.55	1019.57	1019.57	1019.50	1019.43	1019.41	1019.40	1019.40	1019.40	1019.40	1019.41	1019.47
	17	1019.43	1019.45	1019.45	1019.43	1019.45	1019.47	1019.45	1019.44	1019.42	1019.37	1019.33	1019.34	1019.42
	18	1019.30	1019.24	1019.18	1019.11	1019.06	1019.02	1018.98	1018.93	1018.83	1018.79	1018.77	1018.73	1018.99
	19	1018.70	1018.66	1018.59	1018.51	1018.43	1018.34	1018.26	1018.23	1018.19	1018.14	1018.11	1018.06	1018.35
	20	1017.97	1017.94	1017.87	1017.78	1017.74	1017.70	1017.67	1017.65	1017.62	1017.60	1017.53	1017.42	1017.71
	21	1017.34	1017.26	1017.20	1017.15	1017.10	1017.10	1017.13	1017.16	1017.13	1017.10	1017.11	1017.09	1017.15
	22	1017.06	1017.03	1017.00	1016.96	1016.93	1016.90	1016.80	1016.66	1016.55	1016.45	1016.33	1016.27	1016.74
	23	1016.26	1016.20	1016.09	1015.98	1015.90	1015.82	1015.72	1015.63	1015.61	1015.59	1015.52	1015.46	1015.81
10	0	1015.38	1015.36	1015.29	1015.22	1015.14	1015.03	1014.92	1014.79	1014.61	1014.46	1014.35	1014.24	1014.88
	1	1014.14	1014.05	1013.98	1013.88	1013.73	1013.62	1013.54	1013.47	1013.46	1013.40	1013.29	1013.25	1013.65
	2	1013.28	1013.20	1013.03	1012.98	1012.93	1012.79	1012.67	1012.58	1012.51	1012.38	1012.21	1012.08	1012.72
	3	1011.99	1011.95	1011.97	1011.94	1011.83	1011.66	1011.48	1011.37	1011.23	1011.13	1011.00	1010.78	1011.53
	4	1010.71	1010.66	1010.60	1010.61	1010.58	1010.53	1010.49	1010.46	1010.41	1010.26	1010.10	1010.11	1010.46
	5	1010.14	1010.15	1010.26	1010.35	1010.36	1010.40	1010.44	1010.46	1010.43	1010.37	1010.41	1010.46	1010.35
	6	1010.44	1010.39	1010.28	1010.28	1010.34	1010.31	1010.28	1010.32	1010.43	1010.39	1010.27	1010.21	1010.33
	7	1010.21	1010.21	1010.16	1010.11	1010.11	1010.08	1010.02	1010.03	1010.18	1010.34	1010.41	1010.45	1010.19
	8	1010.40	1010.35	1010.34	1010.29	1010.28	1010.32	1010.29	1010.24	1010.19	1010.15	1010.18	1010.27	1010.27
	9	1010.32	1010.33	1010.33	1010.36	1010.37	1010.28	1010.18	1010.13	1010.06	1009.98	1009.91	1009.88	1010.18
	10	1009.85	1009.81	1009.67	1009.53	1009.53	1009.55	1009.51	1009.42	1009.45	1009.44	1009.32	1009.21	1009.52
	11	1009.15	1009.12	1009.06	1009.00	1008.93	1008.84	1008.79	1008.76	1008.74	1008.72	1008.52	1008.44	1008.84
	12	1008.51	1008.53	1008.46	1008.38	1008.35	1008.32	1008.30	1008.28	1008.23	1008.18	1008.20	1008.12	1008.32
	13	1008.01	1007.98	1007.88	1007.81	1007.76	1007.70	1007.65	1007.63	1007.57	1007.47	1007.42	1007.39	1007.69
	14	1007.36	1007.32	1007.33	1007.40	1007.34	1007.33	1007.37	1007.33	1007.26	1007.22	1007.25	1007.23	1007.31
	15	1007.21	1007.19	1007.12	1007.10	1007.16	1007.15	1007.10	1007.10	1007.13	1007.11	1007.12	1007.13	1007.13
	16	1007.13	1007.14	1007.10	1007.03	1007.00	1007.02	1007.00	1006.93	1006.89	1006.89	1006.90	1006.91	1006.99
	17	1006.86	1006.78	1006.70	1006.59	1006.48	1006.43	1006.46	1006.49	1006.50	1006.52	1006.51	1006.53	1006.57
	18	1006.57	1006.55	1006.42	1006.31	1006.34	1006.45	1006.49	1006.42	1006.36	1006.35	1006.37	1006.35	1006.41
	19	1006.30	1006.33	1006.36	1006.40	1006.49	1006.53	1006.52	1006.53	1006.46	1006.33	1006.30	1006.37	1006.41
	20	1006.46	1006.47	1006.42	1006.40	1006.39	1006.36	1006.38	1006.28	1006.13	1006.07	1005.94	1005.84	1006.26
	21	1005.89	1005.98	1005.97	1005.94	1005.90	1005.85	1005.82	1005.75	1005.72	1005.75	1005.74	1005.70	1005.83
	22	1005.60	1005.45	1005.32	1004.97	1004.82	1005.01	1005.08	1005.22	1005.51	1005.77	1005.96	1005.92	1005.38
	23	1005.50	1005.36	1005.59	1005.61	1005.66	1005.68	1005.58	1005.26	1005.06	1005.28	1005.35	1005.16	1005.42

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1004.84	1004.50	1004.21	1003.68	1004.23	1005.28	1005.01	1004.92	1005.01	1004.47	1003.90	1003.78	1004.47
	1	1003.85	1004.06	1004.01	1004.33	1004.97	1004.66	1004.69	1005.22	1005.04	1004.99	1004.92	1004.65	1004.61
	2	1004.49	1004.37	1004.38	1004.32	1004.01	1003.74	1003.68	1003.73	1003.62	1003.78	1003.87	1003.63	1003.97
	3	1003.47	1003.22	1003.13	1003.03	1002.92	1002.74	1002.60	1002.51	1002.29	1001.98	1001.81	1001.99	1002.64
	4	1002.05	1002.12	1002.35	1002.61	1002.51	1002.23	1002.28	1002.24	1002.09	1002.13	1002.14	1001.86	1002.22
	5	1001.67	1001.81	1001.81	1001.56	1001.49	1001.61	1001.78	1001.90	1001.84	1001.71	1001.82	1001.98	1001.75
	6	1001.90	1001.89	1001.86	1001.46	1001.10	1001.19	1001.17	1001.06	1001.21	1001.18	1000.97	1000.98	1001.33
	7	1001.13	1001.24	1001.30	1001.34	1001.24	1001.26	1001.38	1001.29	1001.17	1001.11	1001.15	1001.19	1001.23
	8	1001.09	1000.91	1000.85	1000.88	1000.93	1001.03	1001.06	1001.02	1000.93	1000.86	1000.83	1000.84	1000.93
	9	1000.76	1000.60	1000.53	1000.55	1000.60	1000.61	1000.56	1000.62	1000.73	1000.71	1000.61	1000.49	1000.61
	10	1000.42	1000.36	1000.32	1000.32	1000.34	1000.38	1000.35	1000.31	1000.30	1000.23	1000.17	1000.13	1000.30
	11	1000.11	1000.12	1000.03	999.87	999.77	999.67	999.51	999.40	999.33	999.22	999.15	999.08	999.60
	12	998.97	998.89	998.86	998.80	998.71	998.65	998.61	998.57	998.55	998.50	998.46	998.43	998.66
	13	998.43	998.42	998.42	998.47	998.52	998.54	998.56	998.59	998.64	998.66	998.68	998.65	998.55
	14	998.66	998.73	998.73	998.75	998.85	999.03	999.19	999.24	999.28	999.29	999.23	999.17	999.01
	15	999.12	999.08	999.07	999.15	999.27	999.34	999.38	999.41	999.45	999.41	999.34	999.35	999.28
	16	999.40	999.46	999.54	999.58	999.56	999.51	999.51	999.55	999.60	999.64	999.68	999.74	999.56
	17	999.79	999.81	999.80	999.78	999.83	999.85	999.86	999.85	999.78	999.72	999.69	999.68	999.79
	18	999.71	999.79	999.91	999.96	999.95	1000.07	1000.21	1000.19	1000.15	1000.17	1000.19	1000.15	1000.04
	19	1000.07	1000.02	999.98	999.92	999.87	999.91	999.95	999.89	999.84	999.80	999.77	999.74	999.89
	20	999.69	999.67	999.67	999.63	999.61	999.60	999.56	999.56	999.59	999.62	999.65	999.67	999.63
	21	999.69	999.68	999.66	999.63	999.61	999.58	999.56	999.56	999.55	999.54	999.58	999.62	999.60
	22	999.64	999.66	999.67	999.67	999.63	999.58	999.55	999.54	999.54	999.52	999.53	999.53	999.59
	23	999.52	999.53	999.56	999.56	999.54	999.52	999.48	999.44	999.39	999.36	999.33	999.27	999.46
12	0	999.20	999.19	999.19	999.21	999.17	999.13	999.13	999.12	999.12	999.13	999.15	999.14	999.15
	1	999.07	999.02	999.03	999.04	999.06	999.08	999.09	999.11	999.13	999.16	999.22	999.33	999.11
	2	999.41	999.47	999.47	999.48	999.50	999.49	999.47	999.43	999.40	999.38	999.34	999.28	999.42
	3	999.22	999.15	999.12	999.13	999.12	999.10	999.09	999.10	999.10	999.09	999.07	999.03	999.11
	4	999.00	998.99	998.99	999.00	999.01	999.01	999.00	999.02	999.06	999.11	999.11	999.11	999.03
	5	999.13	999.11	999.08	999.12	999.17	999.21	999.27	999.34	999.37	999.37	999.39	999.43	999.25
	6	999.43	999.43	999.45	999.44	999.41	999.43	999.42	999.40	999.43	999.46	999.49	999.52	999.44
	7	999.55	999.57	999.53	999.54	999.59	999.61	999.65	999.68	999.73	999.77	999.79	999.79	999.65
	8	999.78	999.78	999.81	999.82	999.85	999.89	999.89	999.90	999.93	999.98	1000.01	1000.01	999.89
	9	999.98	999.98	999.99	999.96	999.94	999.92	999.86	999.83	999.82	999.76	999.71	999.66	999.87
	10	999.61	999.57	999.52	999.46	999.44	999.40	999.31	999.22	999.15	999.06	999.00	998.95	999.31
	11	998.91	998.90	998.87	998.86	998.87	998.86	998.84	998.82	998.80	998.77	998.70	998.64	998.82
	12	998.63	998.61	998.58	998.59	998.62	998.66	998.67	998.64	998.61	998.60	998.59	998.60	998.61
	13	998.63	998.68	998.74	998.85	998.96	999.02	999.03	999.04	999.09	999.14	999.18	999.23	998.96
	14	999.28	999.33	999.40	999.50	999.63	999.75	999.85	999.96	1000.07	1000.15	1000.24	1000.28	999.78
	15	1000.32	1000.39	1000.47	1000.55	1000.64	1000.70	1000.74	1000.79	1000.84	1000.87	1000.92	1001.01	1000.68
	16	1001.07	1001.13	1001.21	1001.28	1001.34	1001.39	1001.42	1001.44	1001.47	1001.54	1001.56	1001.58	1001.37
	17	1001.66	1001.73	1001.80	1001.86	1001.90	1001.97	1002.05	1002.13	1002.21	1002.28	1002.32	1002.38	1002.02
	18	1002.45	1002.54	1002.63	1002.67	1002.70	1002.77	1002.84	1002.90	1002.94	1002.96	1003.03	1003.08	1002.79
	19	1003.13	1003.20	1003.26	1003.31	1003.36	1003.41	1003.44	1003.47	1003.51	1003.55	1003.62	1003.70	1003.41
	20	1003.79	1003.87	1003.94	1004.00	1004.04	1004.03	1004.02	1004.05	1004.08	1004.09	1004.10	1004.13	1004.01
	21	1004.17	1004.22	1004.30	1004.37	1004.43	1004.47	1004.51	1004.57	1004.62	1004.68	1004.74	1004.73	1004.48
	22	1004.75	1004.83	1004.90	1004.94	1004.98	1005.02	1005.05	1005.07	1005.11	1005.16	1005.25	1005.33	1005.03
	23	1005.33	1005.32	1005.33	1005.33	1005.30	1005.31	1005.36	1005.38	1005.37	1005.44	1005.52	1005.53	1005.37

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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
13	0	1005.49	1005.48	1005.51	1005.54	1005.58	1005.66	1005.77	1005.86	1005.93	1006.02	1006.10	1006.17	1005.77
	1	1006.24	1006.30	1006.35	1006.36	1006.35	1006.39	1006.47	1006.49	1006.47	1006.48	1006.48	1006.45	1006.40
	2	1006.40	1006.39	1006.40	1006.39	1006.41	1006.44	1006.49	1006.53	1006.46	1006.39	1006.43	1006.43	1006.43
	3	1006.44	1006.53	1006.58	1006.57	1006.53	1006.49	1006.47	1006.49	1006.53	1006.50	1006.45	1006.46	1006.50
	4	1006.51	1006.57	1006.65	1006.74	1006.78	1006.76	1006.78	1006.85	1006.95	1007.05	1007.17	1007.27	1006.84
	5	1007.34	1007.40	1007.45	1007.51	1007.55	1007.54	1007.56	1007.58	1007.59	1007.67	1007.77	1007.83	1007.56
	6	1007.92	1008.00	1008.02	1008.05	1008.02	1007.99	1008.05	1008.10	1008.18	1008.28	1008.36	1008.40	1008.11
	7	1008.41	1008.42	1008.45	1008.52	1008.53	1008.53	1008.60	1008.67	1008.70	1008.75	1008.82	1008.92	1008.61
	8	1009.01	1009.06	1009.10	1009.15	1009.21	1009.27	1009.31	1009.32	1009.36	1009.36	1009.34	1009.32	1009.23
	9	1009.33	1009.39	1009.42	1009.41	1009.44	1009.44	1009.38	1009.35	1009.32	1009.24	1009.19	1009.17	1009.34
	10	1009.15	1009.14	1009.09	1009.05	1009.05	1009.07	1009.05	1008.97	1008.87	1008.81	1008.80	1008.77	1008.98
	11	1008.72	1008.73	1008.71	1008.62	1008.53	1008.44	1008.36	1008.34	1008.29	1008.19	1008.13	1008.14	1008.43
	12	1008.16	1008.15	1008.09	1008.01	1007.98	1007.98	1008.04	1008.09	1008.07	1007.97	1007.92	1007.94	1008.03
	13	1007.90	1007.84	1007.74	1007.68	1007.70	1007.70	1007.67	1007.67	1007.67	1007.68	1007.69	1007.70	1007.72
	14	1007.73	1007.76	1007.82	1007.87	1007.86	1007.87	1007.93	1007.97	1007.97	1007.97	1008.03	1008.10	1007.90
	15	1008.15	1008.19	1008.21	1008.24	1008.29	1008.30	1008.32	1008.34	1008.38	1008.44	1008.51	1008.54	1008.32
	16	1008.57	1008.60	1008.65	1008.72	1008.78	1008.79	1008.77	1008.76	1008.77	1008.79	1008.80	1008.81	1008.73
	17	1008.82	1008.82	1008.83	1008.85	1008.89	1008.95	1008.96	1008.97	1009.00	1009.04	1009.12	1009.18	1008.95
	18	1009.17	1009.16	1009.22	1009.30	1009.37	1009.39	1009.38	1009.34	1009.34	1009.40	1009.46	1009.47	1009.33
	19	1009.49	1009.51	1009.49	1009.48	1009.48	1009.48	1009.49	1009.52	1009.56	1009.60	1009.61	1009.61	1009.52
	20	1009.63	1009.64	1009.66	1009.68	1009.65	1009.65	1009.64	1009.58	1009.51	1009.46	1009.45	1009.46	1009.58
	21	1009.47	1009.47	1009.49	1009.51	1009.49	1009.46	1009.45	1009.47	1009.48	1009.47	1009.46	1009.48	1009.47
	22	1009.48	1009.44	1009.42	1009.42	1009.40	1009.35	1009.33	1009.32	1009.31	1009.28	1009.25	1009.21	1009.35
	23	1009.22	1009.24	1009.20	1009.14	1009.11	1009.08	1008.98	1008.92	1008.89	1008.84	1008.83	1008.85	1009.02
14	0	1008.85	1008.82	1008.74	1008.64	1008.57	1008.51	1008.46	1008.45	1008.45	1008.41	1008.34	1008.33	1008.53
	1	1008.37	1008.38	1008.37	1008.39	1008.38	1008.33	1008.28	1008.24	1008.22	1008.18	1008.16	1008.14	1008.29
	2	1008.12	1008.07	1008.01	1007.96	1007.90	1007.83	1007.77	1007.72	1007.67	1007.65	1007.63	1007.58	1007.82
	3	1007.50	1007.46	1007.47	1007.47	1007.43	1007.37	1007.31	1007.23	1007.15	1007.10	1007.09	1007.10	1007.30
	4	1007.09	1007.08	1007.04	1006.96	1006.86	1006.80	1006.76	1006.70	1006.63	1006.58	1006.53	1006.48	1006.79
	5	1006.45	1006.40	1006.36	1006.35	1006.39	1006.42	1006.43	1006.44	1006.46	1006.45	1006.40	1006.35	1006.41
	6	1006.30	1006.26	1006.27	1006.27	1006.23	1006.16	1006.12	1006.10	1006.09	1006.08	1006.04	1006.01	1006.16
	7	1006.02	1006.04	1006.04	1006.02	1006.02	1006.07	1006.07	1005.99	1005.93	1005.95	1006.02	1006.05	1006.02
	8	1006.08	1006.14	1006.16	1006.10	1006.03	1006.03	1006.01	1006.04	1006.11	1006.12	1006.16	1006.19	1006.10
	9	1006.16	1006.15	1006.09	1005.99	1006.00	1006.03	1006.03	1006.05	1006.11	1006.17	1006.18	1006.12	1006.09
	10	1006.03	1005.96	1005.95	1006.01	1006.03	1005.91	1005.72	1005.61	1005.57	1005.58	1005.62	1005.55	1005.79
	11	1005.44	1005.34	1005.25	1005.22	1005.19	1005.13	1005.10	1005.07	1004.95	1004.78	1004.66	1004.60	1005.06
	12	1004.56	1004.60	1004.67	1004.67	1004.60	1004.49	1004.45	1004.46	1004.44	1004.36	1004.25	1004.22	1004.48
	13	1004.26	1004.25	1004.22	1004.21	1004.21	1004.26	1004.32	1004.35	1004.36	1004.29	1004.23	1004.18	1004.26
	14	1004.12	1004.12	1004.17	1004.18	1004.15	1004.10	1004.10	1004.07	1004.07	1004.15	1004.19	1004.19	1004.13
	15	1004.18	1004.23	1004.27	1004.29	1004.32	1004.29	1004.23	1004.19	1004.18	1004.23	1004.28	1004.28	1004.24
	16	1004.26	1004.26	1004.26	1004.24	1004.19	1004.20	1004.22	1004.20	1004.20	1004.23	1004.27	1004.28	1004.23
	17	1004.25	1004.25	1004.30	1004.27	1004.19	1004.15	1004.16	1004.24	1004.29	1004.33	1004.44	1004.54	1004.28
	18	1004.48	1004.39	1004.43	1004.48	1004.52	1004.57	1004.62	1004.66	1004.70	1004.66	1004.54	1004.48	1004.54
	19	1004.53	1004.58	1004.60	1004.57	1004.53	1004.55	1004.60	1004.48	1004.38	1004.30	1004.12	1004.07	1004.44
	20	1004.23	1004.39	1004.48	1004.49	1004.42	1004.38	1004.38	1004.30	1004.29	1004.35	1004.32	1004.27	1004.36
	21	1004.30	1004.39	1004.44	1004.47	1004.50	1004.52	1004.54	1004.57	1004.65	1004.65	1004.55	1004.49	1004.50
	22	1004.55	1004.68	1004.73	1004.74	1004.82	1004.90	1004.85	1004.74	1004.60	1004.46	1004.39	1004.31	1004.65
	23	1004.24	1004.15	1004.07	1004.08	1004.01	1003.95	1004.05	1004.06	1004.07	1004.09	1004.03	1004.01	1004.07

**S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2008**

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
15	0	1003.99	1003.99	1003.99	1003.97	1003.94	1003.97	1004.09	1004.16	1004.16	1004.10	1004.01	1003.97	1004.03
	1	1003.93	1003.87	1003.86	1003.84	1003.83	1003.88	1003.89	1003.77	1003.63	1003.54	1003.48	1003.54	1003.75
	2	1003.62	1003.57	1003.53	1003.49	1003.48	1003.45	1003.38	1003.33	1003.28	1003.28	1003.26	1003.19	1003.40
	3	1003.11	1003.10	1003.11	1003.09	1003.06	1003.00	1003.03	1003.09	1003.01	1002.88	1002.84	1002.82	1003.01
	4	1002.87	1002.92	1002.91	1002.91	1002.94	1003.03	1003.15	1003.25	1003.27	1003.28	1003.26	1003.22	1003.08
	5	1003.17	1003.16	1003.26	1003.34	1003.33	1003.30	1003.26	1003.27	1003.37	1003.40	1003.57	1003.83	1003.35
	6	1003.93	1004.00	1004.08	1004.15	1004.14	1004.13	1004.20	1004.26	1004.30	1004.36	1004.42	1004.50	1004.20
	7	1004.59	1004.67	1004.76	1004.84	1004.90	1004.97	1005.05	1005.11	1005.16	1005.27	1005.39	1005.42	1005.01
	8	1005.41	1005.44	1005.54	1005.64	1005.74	1005.84	1005.87	1005.95	1006.01	1006.01	1006.07	1006.14	1005.80
	9	1006.15	1006.16	1006.21	1006.26	1006.35	1006.46	1006.52	1006.63	1006.76	1006.73	1006.69	1006.79	1006.47
	10	1006.82	1006.75	1006.70	1006.68	1006.70	1006.73	1006.77	1006.79	1006.72	1006.68	1006.71	1006.70	1006.73
	11	1006.74	1006.80	1006.86	1006.95	1006.91	1006.93	1006.96	1006.91	1006.90	1006.90	1006.89	1006.92	1006.89
	12	1006.95	1006.99	1007.11	1007.28	1007.26	1007.22	1007.34	1007.42	1007.45	1007.47	1007.59	1007.72	1007.31
	13	1007.66	1007.60	1007.57	1007.59	1007.66	1007.72	1007.85	1007.92	1007.96	1007.97	1007.94	1007.80	1007.77
	14	1007.69	1007.74	1007.81	1007.88	1007.92	1007.91	1007.89	1007.94	1008.05	1008.08	1008.06	1008.10	1007.92
	15	1008.11	1008.15	1008.22	1008.22	1008.20	1008.21	1008.26	1008.23	1008.21	1008.26	1008.29	1008.27	1008.22
	16	1008.25	1008.26	1008.32	1008.41	1008.44	1008.45	1008.52	1008.61	1008.67	1008.59	1008.51	1008.52	1008.46
	17	1008.49	1008.43	1008.33	1008.26	1008.26	1008.27	1008.25	1008.23	1008.21	1008.23	1008.28	1008.31	1008.29
	18	1008.39	1008.54	1008.66	1008.76	1008.82	1008.79	1008.79	1008.89	1008.96	1008.99	1009.04	1009.07	1008.81
	19	1009.08	1009.07	1009.04	1009.03	1008.97	1008.91	1008.92	1008.88	1008.83	1008.82	1008.88	1008.96	1008.95
	20	1009.17	1009.29	1009.16	1009.09	1009.03	1009.02	1009.03	1009.00	1008.93	1008.91	1009.05	1009.06	1009.06
	21	1008.98	1009.05	1009.05	1008.94	1008.88	1008.89	1008.96	1009.03	1009.09	1009.05	1008.95	1008.87	1008.98
	22	1008.88	1008.91	1008.90	1008.93	1008.87	1008.83	1008.78	1008.62	1008.48	1008.50	1008.58	1008.46	1008.73
	23	1008.39	1008.33	1008.38	1008.55	1008.52	1008.49	1008.53	1008.49	1008.41	1008.41	1008.41	1008.35	1008.44
16	0	1008.25	1008.20	1008.11	1008.07	1008.07	1008.08	1008.00	1007.94	1007.99	1008.03	1008.02	1008.01	1008.05
	1	1008.00	1007.95	1007.90	1007.91	1007.97	1007.94	1007.83	1007.81	1007.79	1007.74	1007.72	1007.66	1007.85
	2	1007.58	1007.55	1007.55	1007.56	1007.57	1007.55	1007.48	1007.41	1007.42	1007.39	1007.35	1007.32	1007.48
	3	1007.29	1007.28	1007.25	1007.19	1007.12	1007.15	1007.15	1007.07	1007.08	1007.15	1007.14	1007.18	1007.17
	4	1007.29	1007.34	1007.38	1007.40	1007.50	1007.66	1007.74	1007.82	1007.54	1007.45	1007.88	1007.98	1007.58
	5	1007.93	1008.17	1008.35	1008.20	1008.08	1008.19	1008.33	1008.32	1008.29	1008.36	1008.35	1008.25	1008.23
	6	1008.34	1008.63	1008.76	1008.69	1008.63	1008.71	1008.77	1008.80	1008.87	1008.85	1008.79	1008.74	1008.71
	7	1008.80	1008.85	1008.76	1008.71	1008.83	1008.97	1009.08	1009.15	1009.25	1009.45	1009.62	1009.68	1009.09
	8	1009.68	1009.73	1009.77	1009.78	1009.77	1009.68	1009.62	1009.77	1009.97	1009.94	1009.90	1010.00	1009.80
	9	1010.09	1010.27	1010.41	1010.33	1010.10	1009.80	1009.61	1009.42	1009.28	1009.34	1009.48	1009.56	1009.81
	10	1009.55	1009.35	1009.24	1009.23	1009.17	1009.17	1009.14	1009.11	1009.12	1009.12	1009.08	1009.08	1009.19
	11	1009.12	1009.07	1009.03	1008.99	1008.94	1008.95	1008.95	1008.93	1008.95	1009.02	1009.04	1009.00	1009.00
	12	1008.96	1008.93	1008.93	1008.95	1008.91	1008.88	1008.95	1008.99	1009.00	1009.01	1009.01	1008.99	1008.96
	13	1009.00	1009.05	1009.04	1009.06	1009.11	1009.08	1009.08	1009.15	1009.25	1009.25	1009.22	1009.27	1009.13
	14	1009.31	1009.28	1009.22	1009.26	1009.36	1009.45	1009.46	1009.42	1009.36	1009.29	1009.27	1009.26	1009.33
	15	1009.25	1009.22	1009.18	1009.19	1009.23	1009.25	1009.30	1009.36	1009.37	1009.42	1009.48	1009.49	1009.31
	16	1009.47	1009.51	1009.53	1009.48	1009.53	1009.58	1009.54	1009.47	1009.38	1009.36	1009.35	1009.40	1009.46
	17	1009.42	1009.33	1009.28	1009.32	1009.31	1009.24	1009.30	1009.33	1009.33	1009.36	1009.42	1009.49	1009.34
	18	1009.52	1009.51	1009.51	1009.51	1009.49	1009.46	1009.41	1009.34	1009.29	1009.26	1009.25	1009.24	1009.40
	19	1009.24	1009.28	1009.30	1009.32	1009.37	1009.40	1009.41	1009.36	1009.30	1009.25	1009.21	1009.18	1009.30
	20	1009.10	1009.04	1009.02	1009.01	1009.00	1009.00	1008.98	1008.98	1009.01	1008.98	1008.92	1008.90	1008.99
	21	1008.94	1008.97	1008.95	1008.93	1008.94	1008.94	1008.94	1008.92	1008.91	1008.92	1008.98	1009.03	1008.95
	22	1009.03	1009.04	1009.03	1008.98	1008.96	1008.97	1008.99	1009.02	1009.02	1008.93	1008.85	1008.81	1008.97
	23	1008.79	1008.75	1008.75	1008.76	1008.71	1008.68	1008.68	1008.65	1008.61	1008.64	1008.68	1008.68	1008.70















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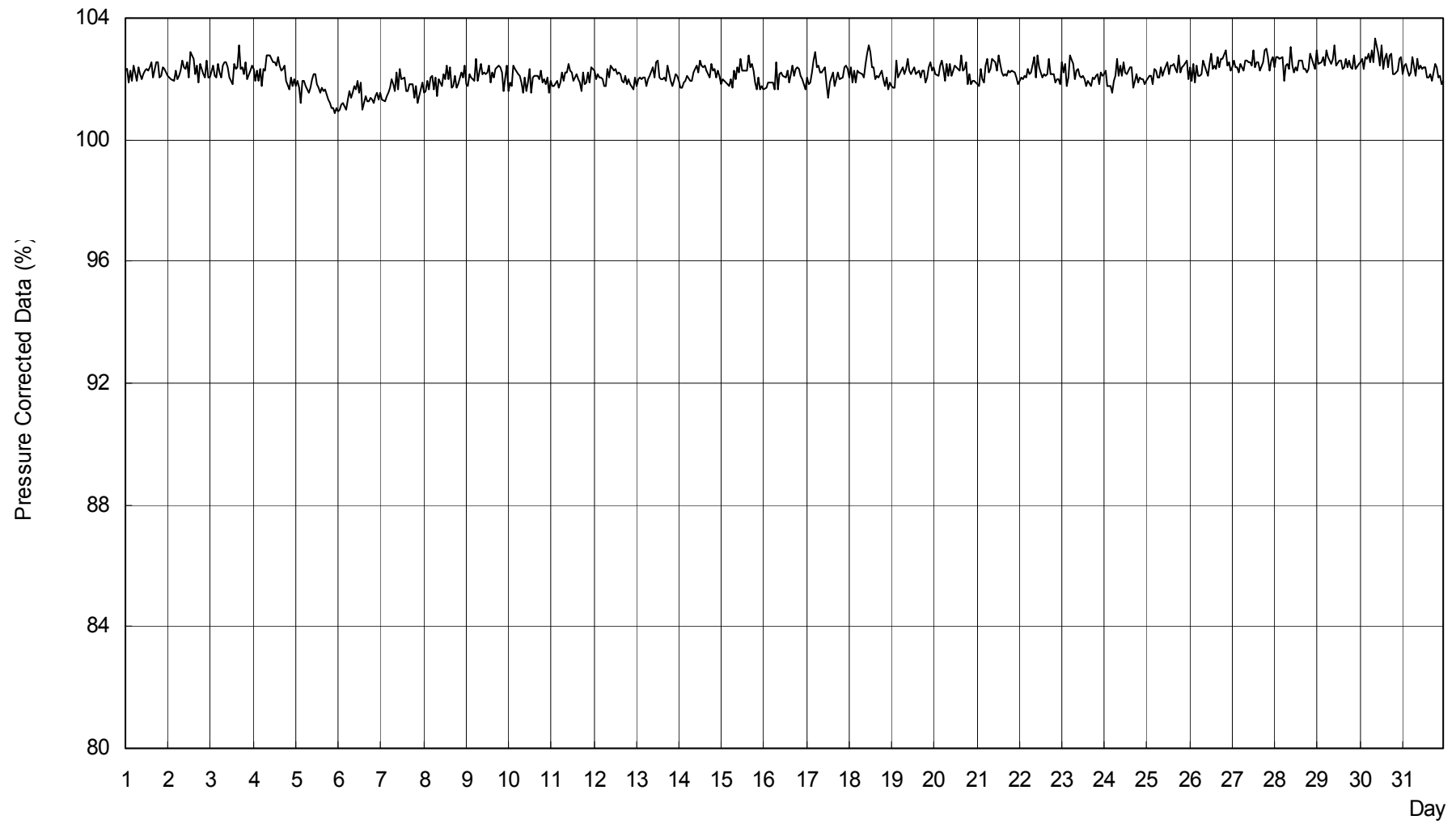
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1019.62	1019.60	1019.55	1019.52	1019.52	1019.53	1019.57	1019.62	1019.66	1019.68	1019.73	1019.80	1019.61
	1	1019.86	1019.91	1019.98	1020.02	1020.00	1020.01	1020.06	1020.09	1020.09	1020.09	1020.11	1020.14	1020.03
	2	1020.17	1020.22	1020.24	1020.21	1020.19	1020.20	1020.18	1020.16	1020.16	1020.14	1020.13	1020.13	1020.18
	3	1020.11	1020.09	1020.10	1020.11	1020.11	1020.12	1020.11	1020.09	1020.09	1020.09	1020.10	1020.11	1020.10
	4	1020.10	1020.12	1020.15	1020.18	1020.23	1020.27	1020.31	1020.35	1020.39	1020.43	1020.47	1020.53	1020.29
	5	1020.54	1020.58	1020.71	1020.81	1020.85	1020.86	1020.85	1020.85	1020.87	1020.91	1020.99	1021.08	1020.82
	6	1021.14	1021.13	1021.16	1021.21	1021.22	1021.28	1021.38	1021.46	1021.48	1021.46	1021.49	1021.53	1021.33
	7	1021.54	1021.53	1021.56	1021.61	1021.68	1021.74	1021.77	1021.81	1021.87	1022.01	1022.12	1022.18	1021.78
	8	1022.24	1022.30	1022.39	1022.47	1022.54	1022.59	1022.62	1022.66	1022.68	1022.71	1022.75	1022.80	1022.56
	9	1022.82	1022.87	1022.93	1022.95	1022.99	1023.01	1023.02	1023.04	1023.04	1023.06	1023.08	1023.07	1022.99
	10	1023.05	1023.02	1023.00	1022.98	1022.94	1022.89	1022.87	1022.87	1022.89	1022.88	1022.86	1022.89	1022.93
	11	1022.92	1022.90	1022.85	1022.82	1022.80	1022.77	1022.70	1022.65	1022.62	1022.60	1022.57	1022.53	1022.72
	12	1022.49	1022.47	1022.44	1022.42	1022.42	1022.38	1022.33	1022.31	1022.28	1022.26	1022.24	1022.19	1022.35
	13	1022.18	1022.22	1022.25	1022.25	1022.25	1022.26	1022.29	1022.31	1022.30	1022.28	1022.28	1022.33	1022.26
	14	1022.39	1022.42	1022.47	1022.50	1022.53	1022.58	1022.63	1022.70	1022.76	1022.79	1022.83	1022.85	1022.62
	15	1022.85	1022.88	1022.91	1022.93	1022.96	1022.99	1023.03	1023.07	1023.11	1023.16	1023.19	1023.21	1023.02
	16	1023.23	1023.25	1023.27	1023.29	1023.32	1023.36	1023.37	1023.40	1023.44	1023.45	1023.46	1023.50	1023.36
	17	1023.54	1023.54	1023.57	1023.68	1023.75	1023.75	1023.77	1023.78	1023.80	1023.83	1023.85	1023.92	1023.73
	18	1024.01	1024.11	1024.19	1024.28	1024.37	1024.43	1024.47	1024.47	1024.49	1024.58	1024.70	1024.82	1024.41
	19	1024.89	1024.93	1024.97	1025.01	1025.04	1025.08	1025.13	1025.16	1025.18	1025.22	1025.26	1025.33	1025.10
	20	1025.40	1025.47	1025.50	1025.51	1025.56	1025.63	1025.74	1025.81	1025.83	1025.87	1025.91	1025.92	1025.68
	21	1025.89	1025.85	1025.83	1025.84	1025.89	1025.96	1026.02	1026.08	1026.13	1026.21	1026.22	1026.23	1026.01
	22	1026.31	1026.28	1026.26	1026.27	1026.26	1026.28	1026.26	1026.24	1026.23	1026.25	1026.34	1026.41	1026.28
23	1026.43	1026.45	1026.45	1026.45	1026.48	1026.52	1026.54	1026.55	1026.54	1026.52	1026.52	1026.56	1026.50	
30	0	1026.64	1026.60	1026.59	1026.60	1026.60	1026.64	1026.67	1026.68	1026.72	1026.77	1026.81	1026.86	1026.68
	1	1026.89	1026.89	1026.92	1026.95	1027.01	1027.10	1027.10	1027.08	1027.12	1027.18	1027.26	1027.32	1027.07
	2	1027.34	1027.35	1027.35	1027.33	1027.34	1027.28	1027.21	1027.23	1027.24	1027.24	1027.28	1027.31	1027.29
	3	1027.31	1027.29	1027.28	1027.27	1027.25	1027.24	1027.26	1027.26	1027.25	1027.24	1027.24	1027.28	1027.26
	4	1027.34	1027.41	1027.49	1027.58	1027.63	1027.67	1027.69	1027.70	1027.76	1027.82	1027.84	1027.88	1027.65
	5	1027.93	1027.98	1028.02	1028.07	1028.11	1028.15	1028.19	1028.27	1028.38	1028.46	1028.54	1028.62	1028.22
	6	1028.71	1028.77	1028.81	1028.84	1028.88	1028.93	1028.96	1029.02	1029.10	1029.14	1029.17	1029.21	1028.96
	7	1029.27	1029.35	1029.40	1029.41	1029.46	1029.53	1029.59	1029.66	1029.71	1029.72	1029.77	1029.83	1029.55
	8	1029.85	1029.86	1029.90	1029.93	1029.95	1029.98	1030.00	1030.02	1030.07	1030.11	1030.12	1030.14	1029.99
	9	1030.16	1030.18	1030.21	1030.23	1030.21	1030.19	1030.19	1030.19	1030.18	1030.15	1030.12	1030.11	1030.18
	10	1030.10	1030.06	1029.99	1029.91	1029.86	1029.80	1029.75	1029.71	1029.70	1029.68	1029.65	1029.59	1029.82
	11	1029.54	1029.50	1029.44	1029.43	1029.42	1029.38	1029.31	1029.27	1029.22	1029.17	1029.16	1029.13	1029.33
	12	1029.10	1029.08	1029.07	1029.05	1029.02	1028.98	1028.96	1028.94	1028.92	1028.90	1028.85	1028.79	1028.97
	13	1028.75	1028.74	1028.73	1028.73	1028.71	1028.70	1028.69	1028.67	1028.68	1028.69	1028.72	1028.77	1028.71
	14	1028.80	1028.83	1028.85	1028.88	1028.92	1028.96	1029.00	1029.04	1029.10	1029.14	1029.15	1029.15	1028.98
	15	1029.16	1029.18	1029.21	1029.23	1029.24	1029.24	1029.27	1029.33	1029.37	1029.39	1029.43	1029.50	1029.29
	16	1029.56	1029.61	1029.69	1029.74	1029.76	1029.78	1029.78	1029.81	1029.85	1029.88	1029.90	1029.96	1029.78
	17	1030.00	1030.00	1030.03	1030.08	1030.14	1030.18	1030.21	1030.25	1030.26	1030.27	1030.27	1030.30	1030.16
	18	1030.35	1030.35	1030.32	1030.31	1030.33	1030.34	1030.31	1030.30	1030.33	1030.37	1030.39	1030.42	1030.34
	19	1030.44	1030.45	1030.48	1030.49	1030.47	1030.46	1030.47	1030.49	1030.52	1030.50	1030.45	1030.42	1030.47
	20	1030.40	1030.41	1030.43	1030.44	1030.42	1030.45	1030.51	1030.52	1030.51	1030.46	1030.43	1030.46	1030.45
	21	1030.47	1030.46	1030.46	1030.50	1030.53	1030.55	1030.59	1030.63	1030.68	1030.74	1030.80	1030.83	1030.60
	22	1030.86	1030.89	1030.89	1030.88	1030.88	1030.88	1030.89	1030.92	1030.93	1030.94	1030.95	1030.93	1030.90
23	1030.89	1030.88	1030.87	1030.86	1030.86	1030.86	1030.90	1030.95	1030.94	1030.97	1031.04	1031.10	1030.92	

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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	1031.11	1031.13	1031.16	1031.15	1031.15	1031.15	1031.11	1031.09	1031.08	1031.06	1031.08	1031.12	1031.11
	1	1031.13	1031.14	1031.12	1031.11	1031.13	1031.13	1031.16	1031.16	1031.13	1031.10	1031.07	1031.02	1031.11
	2	1030.99	1031.05	1031.07	1031.09	1031.07	1031.00	1030.99	1030.98	1030.97	1031.01	1030.98	1030.94	1031.01
	3	1030.93	1030.87	1030.87	1030.86	1030.80	1030.75	1030.70	1030.62	1030.57	1030.53	1030.46	1030.44	1030.70
	4	1030.47	1030.49	1030.49	1030.52	1030.54	1030.52	1030.50	1030.47	1030.47	1030.48	1030.46	1030.44	1030.49
	5	1030.45	1030.44	1030.42	1030.44	1030.54	1030.61	1030.60	1030.56	1030.53	1030.54	1030.61	1030.67	1030.53
	6	1030.73	1030.73	1030.70	1030.69	1030.71	1030.75	1030.73	1030.74	1030.74	1030.78	1030.84	1030.82	1030.74
	7	1030.81	1030.83	1030.86	1030.89	1030.88	1030.82	1030.81	1030.82	1030.85	1030.91	1030.97	1031.04	1030.87
	8	1031.10	1031.17	1031.23	1031.27	1031.30	1031.33	1031.34	1031.36	1031.40	1031.47	1031.49	1031.50	1031.33
	9	1031.57	1031.60	1031.59	1031.55	1031.49	1031.45	1031.40	1031.35	1031.31	1031.32	1031.32	1031.27	1031.43
	10	1031.22	1031.18	1031.16	1031.13	1031.07	1031.02	1030.97	1030.89	1030.82	1030.80	1030.75	1030.68	1030.97
	11	1030.63	1030.59	1030.54	1030.42	1030.29	1030.21	1030.16	1030.11	1030.01	1029.93	1029.88	1029.83	1030.21
	12	1029.75	1029.67	1029.59	1029.53	1029.46	1029.38	1029.33	1029.35	1029.40	1029.44	1029.46	1029.45	1029.48
	13	1029.40	1029.34	1029.30	1029.26	1029.23	1029.18	1029.09	1029.02	1028.99	1029.01	1029.01	1029.02	1029.15
	14	1029.05	1029.07	1029.05	1029.02	1029.00	1028.98	1028.91	1028.84	1028.79	1028.72	1028.69	1028.70	1028.90
	15	1028.75	1028.78	1028.75	1028.69	1028.63	1028.59	1028.54	1028.50	1028.49	1028.52	1028.54	1028.55	1028.61
	16	1028.55	1028.51	1028.47	1028.43	1028.39	1028.36	1028.35	1028.36	1028.38	1028.41	1028.46	1028.55	1028.43
	17	1028.64	1028.69	1028.73	1028.72	1028.72	1028.76	1028.78	1028.77	1028.78	1028.79	1028.78	1028.77	1028.74
	18	1028.79	1028.85	1028.94	1029.02	1029.07	1029.04	1029.00	1028.99	1028.98	1028.99	1029.02	1029.03	1028.97
	19	1029.01	1028.97	1028.96	1028.96	1028.92	1028.89	1028.89	1028.86	1028.83	1028.83	1028.77	1028.68	1028.88
	20	1028.57	1028.47	1028.40	1028.32	1028.23	1028.19	1028.19	1028.16	1028.09	1028.06	1028.05	1028.04	1028.23
	21	1028.01	1027.95	1027.92	1027.92	1027.96	1028.02	1028.04	1028.02	1028.00	1027.99	1027.96	1027.93	1027.97
	22	1027.88	1027.75	1027.56	1027.46	1027.41	1027.38	1027.35	1027.23	1027.13	1027.05	1026.99	1026.93	1027.34
	23	1026.82	1026.78	1026.78	1026.75	1026.70	1026.62	1026.52	1026.50	1026.35	1026.13	1025.97	1025.77	1026.47



S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2008





S.V.I.R.CO. Observatory - Pressure in hectoPascal - December 2008

