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SVIRCO DATA: January to December 2010

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Abstract

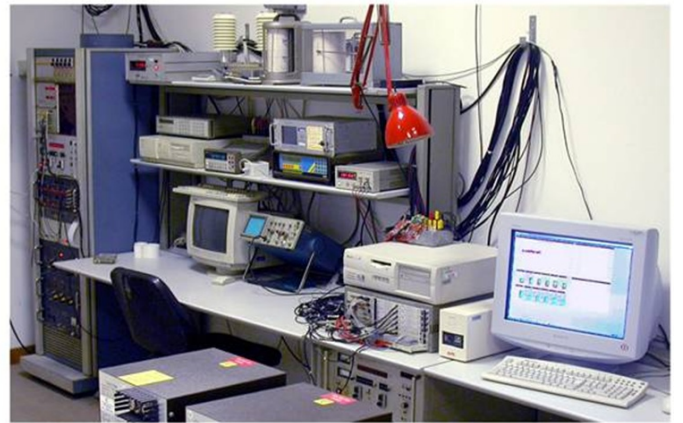
The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded by the Rome Neutron Monitor, is reported for the period January to December 2010, together with the barometric pressure data, in tabular and graphic form.



S.V.I.R.CO. Observatory

Rome

Italy



SVIRCO OBSERVATORY

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

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

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

In May 1997 the neutron monitor was moved into 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°-28° C, meanwhile the relative humidity is kept below 60%. Either the environmental parameters are continuously checked and recorded by digital sensors. Their time histories have been plotted on hourly and daily base in this report.

On January 1, 2005 three counters were added to the detector. After this upgrade, from 17 to 20 NM-64, the SVIRCO neutron monitor is still composed by 5 sections, but the arrangement varied as follow: 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 one of the 20 BF₃ proportional counters (BP-28 type) is equipped with a smart amplifier/discriminator circuit including 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 an effective protection 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.

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.

To minimize the risk of data loss and to improve the overall data reliability, two independent systems perform the data acquisition at the same time. 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 (VXI) runs according to a timing of 1 minute and fulfils the acquisition of each single counter. The other one (OLD) 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). The counting rates of the two independent systems are checked each other on hourly base to detect possible measurement errors. The annual time history of the difference between the counting rates of the two systems is comprised in this paper together with the regression plot.

A special care is applied to the atmospheric pressure measurements which are carried out by three high-precision barometers. These instruments, achieving a resolution up to 0.01 hPa, are continuously cross-checked for the best measuring accuracy and reliability. Furthermore these operating devices are equipped with different types of transducer namely: vibrating cylinder, aneroid 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. The yearly check of the barometers is here reported.

More details of the complete acquisition system can be found on the included block diagram.

The overall stability of the neutron monitor is controlled by means of the section ratios. The hourly counting rate of each section, divided by the total rate, is plotted in real time on a daily diagram. Moreover, the daily averages of these ratios are separately plotted, as percentage, in monthly histograms. The annual series of histograms, included in this report, shows the long term stability of each section.

In order to verify the coherence between the variations of the nucleonic intensity recorded by SVIRCO-Rome and by another observatory with similar characteristics, a comparative data analysis has been finally performed with the neutron monitor data of Hermanus (South Africa - 34.42° S, 19.23° E, altitude 26 m a.s.l.). This Observatory was chosen not only for its data availability, but also for its suitable geographic location. With a cut-off energy (4.58 GV) and altitude (26 m a. s.l.) similar to Rome it is also far enough to avoid correlation between the local pressure changes of the two monitors.

Both data sets have been normalized to their respective annual average and then plotted, together with their ratio, on daily basis and also in a regression form.

We acknowledge the Unit of Space Physics - School of Physics at the North-West University (Potchefstroom-South Africa) for Hermanus Neutron Monitor data. [© North-West University 2009. All rights reserved]

DATA PRESENTATION

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

a) Tables:

The hourly corrected data are reported in tabular form for each month together with the daily ratios section R_i . The R_i ratios (%) are computed as the rate of each section (channel i) divided by the total rate. Only $n - 1$ section ratios are provided, being n the number of sections.

The hourly and daily averages (in hPa) of the atmospheric pressure measured at the Observatory, are also presented in monthly tables.

Furthermore, the monthly averages of the values, reported either in the corrected-data tables or in the pressure ones, are shown below them.

b) Graphs

The hourly-corrected data were also multiplied by a suitable normalization factor and plotted in monthly graphs. The normalization was evaluated as percentage of the counting rate average in the period from January to February 1997, when the Monitor operated at the previous location of "La Sapienza" University. The reference counting rate level (100%), computed for such a referential period, is equal to 554946 counts/hour. The set of normalized graphs are provided for long-term analysis.

The monthly graphs of the atmospheric pressure are reported too.

CONDITIONS FOR SVIRCO DATA USE

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

- You agree to acknowledge our financial supports in any published use of the data. Example: **"SVIRCO NM is supported by the INAF - UNIRomaTre collaboration"**
- You are kindly requested to send a copy of any published work derived from our data to:

Dr. Stefano Massetti
Head of SVIRCO Observatory and TPL
Istituto di Fisica dello Spazio Interplanetario - Area di Ricerca Tor Vergata
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e-mail: stefano.massetti@ifsi-roma.inaf.it

HOURLY RECOVERED DATA - YEAR 2010

When the whole counting rate of the Neutron Monitor was lost for less than a 15 min interval (*) or a section was inoperative (°), the hourly data were recovered as reported in the table.

Month	Day	Time (UT)
03	18	11 - 12 (*)
05	11	06 - 09 (°)
12	07	15 - 16 (*)
12	27	09 - 10 (*)

RELEVANT MONITOR AND DATA CHARACTERISTICS FOR 2010

Cosmic Ray Observatory Rome or SVIRCO
Geographic coordinates 12.47°E, 41.86°N
Altitude Sea level
Threshold rigidity (year) 6.27 GV (1995)
Instrument 20 NM - 64 (three 3-counter,
one 5-counter and one 6-counter units)
Scaling factor 1
Pressure coefficient 0.70 % / hPa
Pressure reference level 1009.25 hPa

Rate enhancement
from 17 to 20 counters 15.6% (since January 2005)

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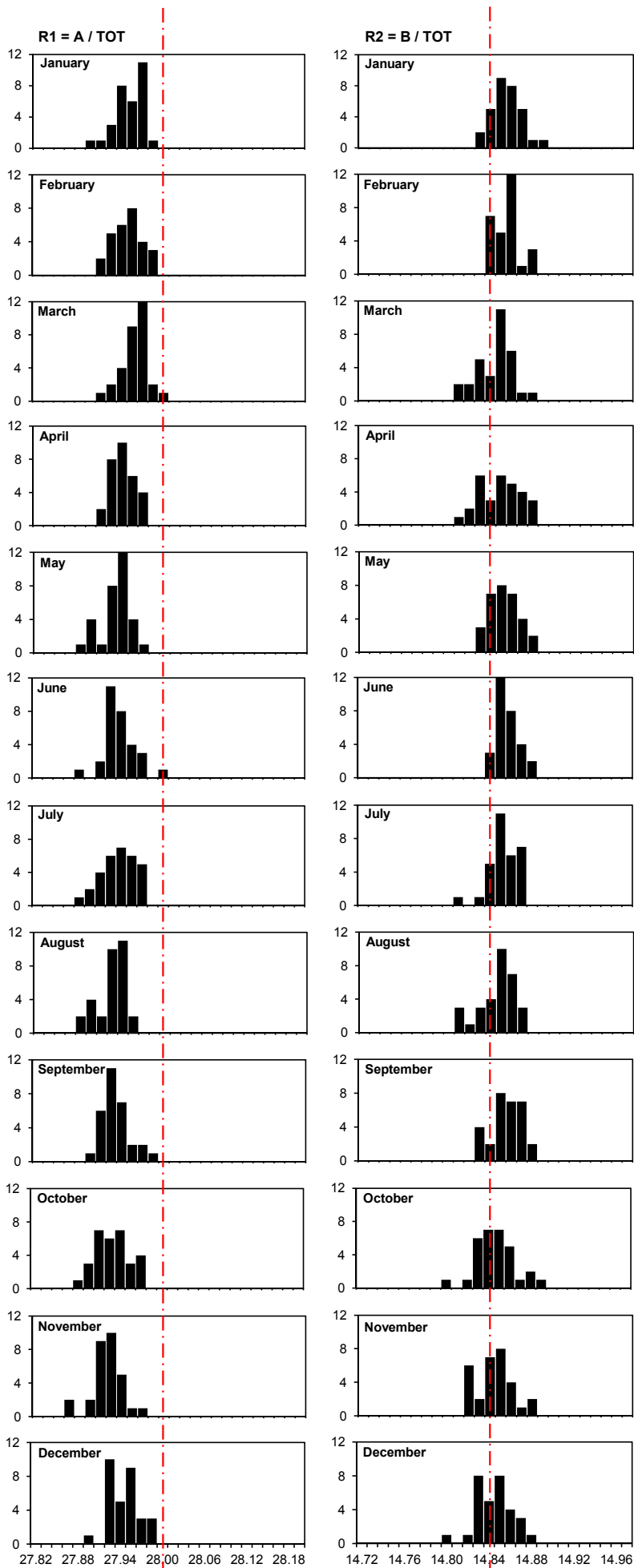
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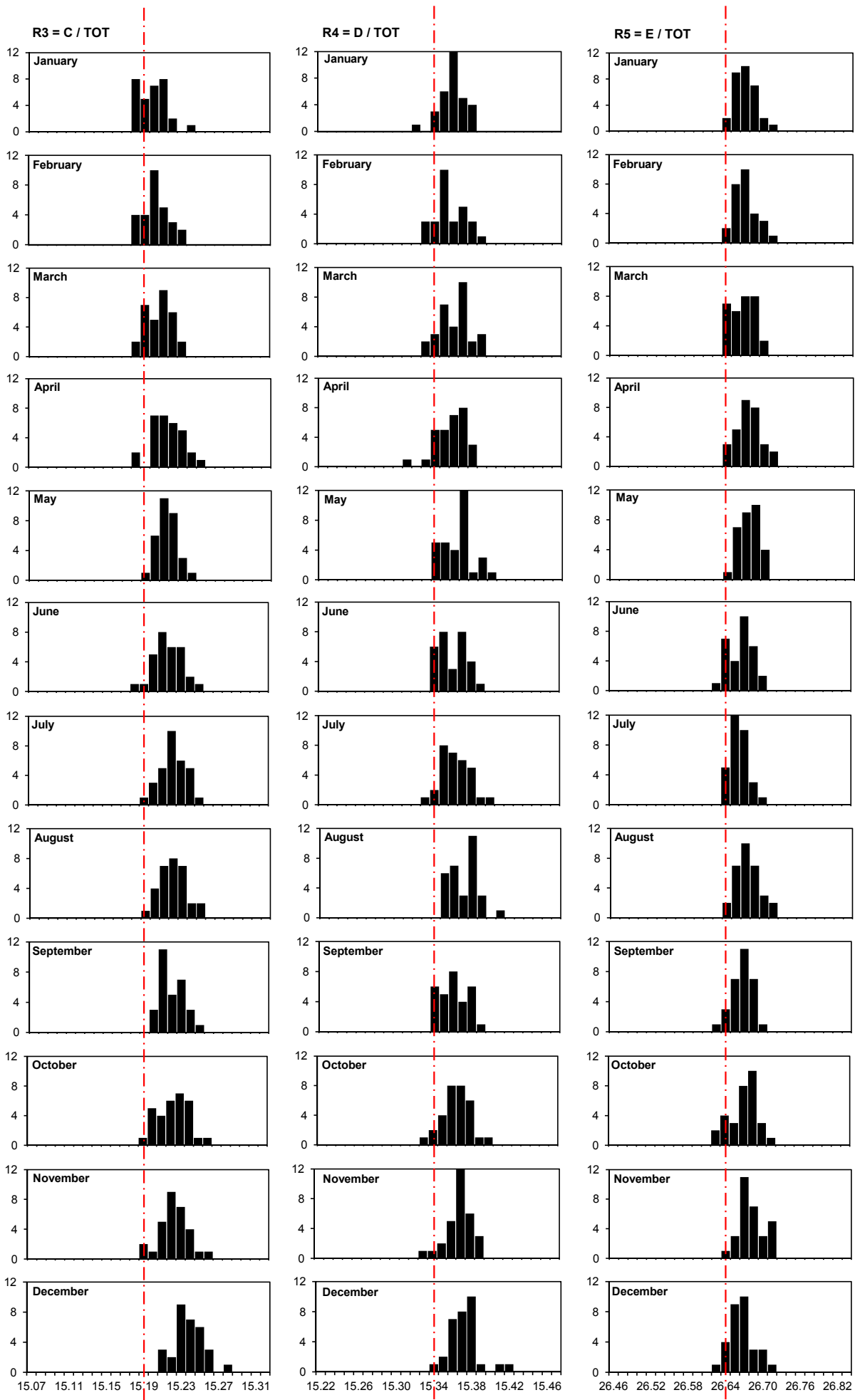
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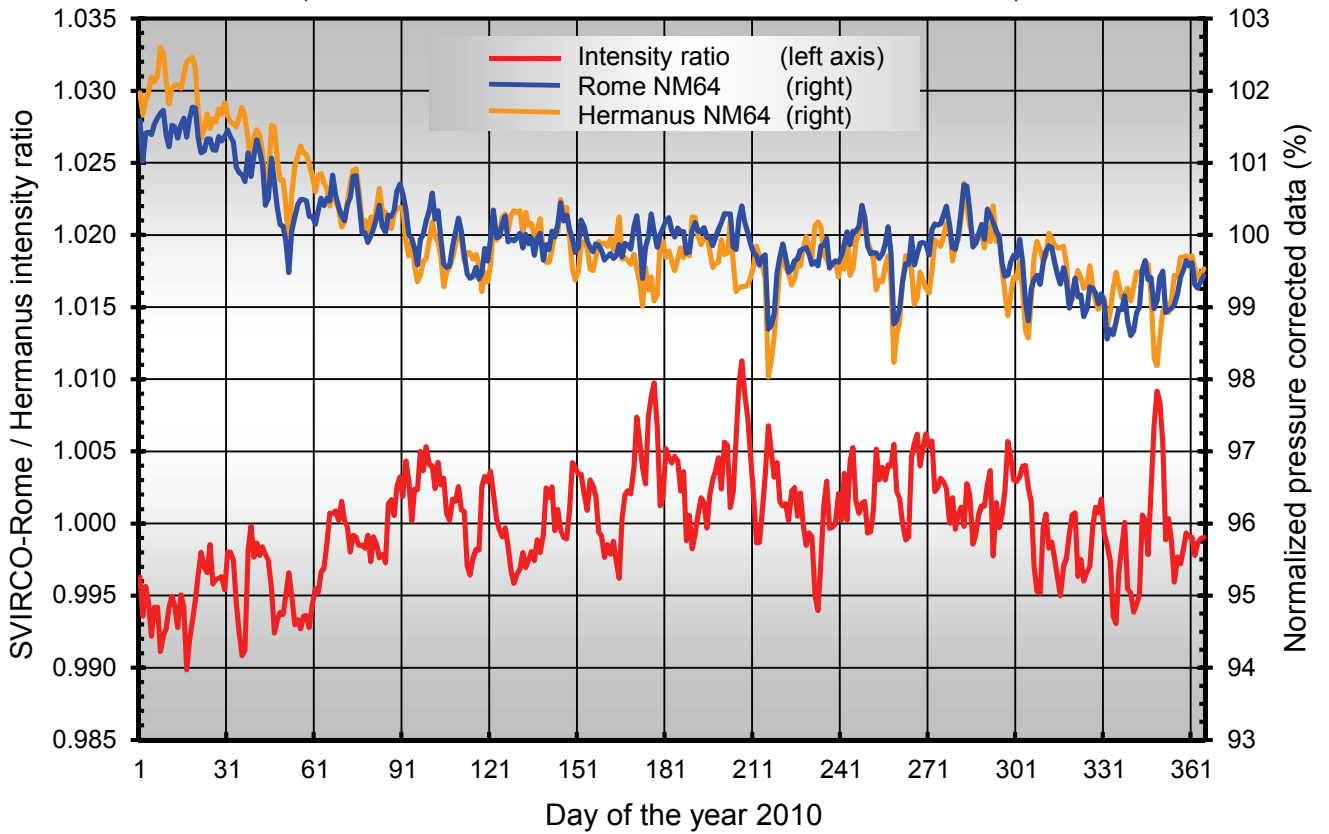
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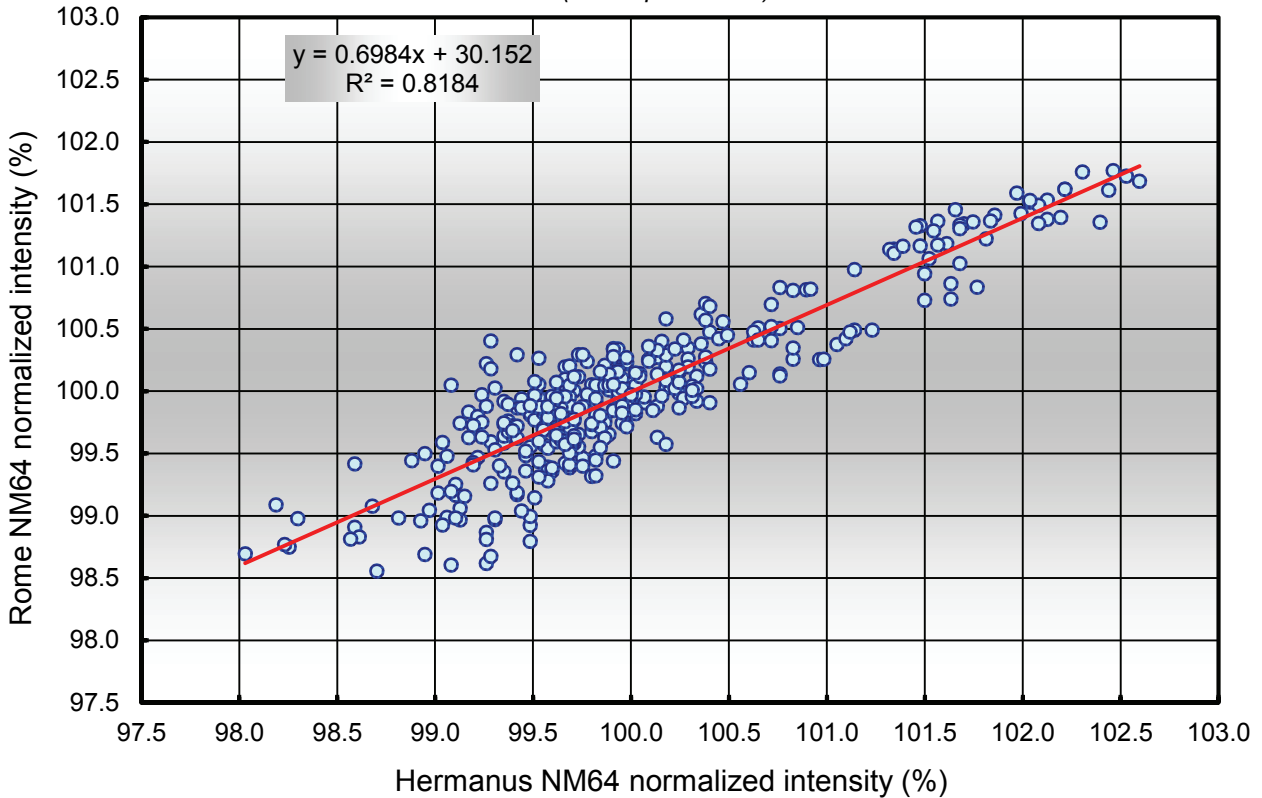
INAF/UNIRomaTre S.V.I.R.CO. Observatory 20 NM-64
Year 2010 - Ratios of Neutron Monitor Units



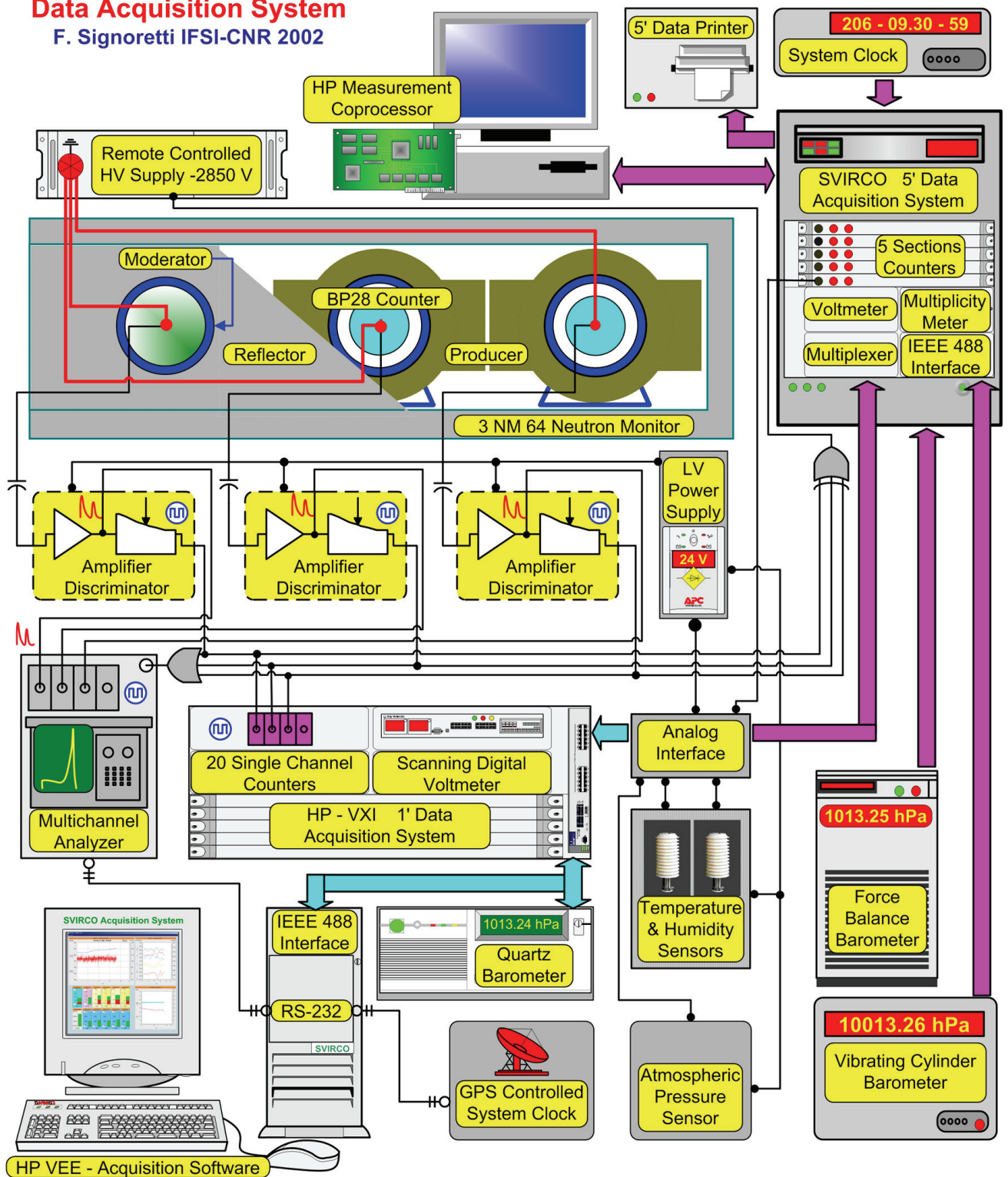
SVIRCO-Rome and Hermanus NM64 data - Year 2010
 (Rome 100% = 559303 cts/h - Hermanus 100% = 446939 cts/h)



SVIRCO-Rome vs. Hermanus data regression plot - Year 2010
 (No. of points 365)



S.V.I.R.CO.
Data Acquisition System
 F. Signoretti IFSI-CNR 2002



S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure corrected data - January 2010

UT	1	2	3	4	5	6	7	8	9	10	11	12	DAILY				
DAY	13	14	15	16	17	18	19	20	21	22	23	24	AVG	R1	R2	R3	R4
1	565455	567882	568201	568763	567617	567139	568529	570019	569612	569447	570935	570345					
	571051	569866	568098	568432	568487	568721	567105	565283	567456	565183	567344	565701	568195	27.940	14.843	15.196	15.375
2	564408	567899	565671	565622	567937	566530	567312	564713	565230	566093	564056	565167					
	563346	565678	564973	563093	562882	564547	565659	564763	563820	562653	564490	564365	565038	27.918	14.846	15.205	15.376
3	566853	564629	566732	566660	565229	566975	567927	569041	569993	568738	569718	567591					
	570351	571459	569032	569337	567125	563723	566671	565019	566779	563827	563698	565722	567201	27.943	14.850	15.179	15.369
4	566334	565585	566443	566381	566096	567631	568212	566089	565922	569360	565452	568484					
	568365	565302	567378	567631	566591	567985	569365	569004	566210	568366	567252	569091	567272	27.962	14.837	15.197	15.349
5	566470	566274	565429	566779	565293	566583	566474	568619	564358	566610	567384	566221					
	569461	566711	569894	567823	567122	569660	568459	565950	565706	568759	567488	566899	567101	27.931	14.842	15.192	15.355
6	568500	565963	567489	567333	569582	567021	569762	568546	570850	570528	568738	571343					
	570315	569689	568385	566720	565643	566754	565374	568414	565700	566069	565453	564794	567874	27.937	14.832	15.207	15.361
7	567196	565486	565861	566328	568397	567852	568451	567660	570215	567841	567459	569755					
	571158	569681	569019	570874	567318	567187	568138	570276	569740	570467	567316	567292	568374	27.958	14.821	15.189	15.332
8	566469	568768	569541	571376	569085	571303	571874	570107	569346	568493	571074	568741					
	569889	568770	567915	568980	570182	569097	565732	567005	569792	564560	566151	565363	568734	27.893	14.871	15.208	15.343
9	568463	566696	567420	567370	566712	568373	569498	571607	571735	569225	571245	571748					
	570300	571618	572225	569516	570106	567411	567896	566321	566943	566766	567137	568556	568954	27.904	14.858	15.205	15.363
10	566748	567577	566860	566748	565699	566421	565204	568852	568055	566192	571957	570767					
	568563	568999	570337	565449	566683	568739	566175	565011	566006	563794	562409	565196	567018	27.965	14.863	15.189	15.351
11	563492	564103	563749	565344	566162	566518	565347	567355	566621	567165	565829	566142					
	568421	567088	567629	566957	566942	565034	565133	566809	565126	567508	565083	567788	566139	27.944	14.839	15.194	15.358
12	566103	564522	566076	567825	565817	568482	567250	569402	567903	568382	567630	571197					
	569368	569436	569143	569814	570072	566428	567818	566215	567689	565844	566872	567908	567800	27.916	14.865	15.205	15.358
13	568213	565598	565853	567917	568643	565333	566988	565796	567535	569031	568517	568322					
	568972	567953	566841	568338	567630	569052	569307	567516	566008	568134	568189	568052	567656	27.957	14.858	15.172	15.371
14	566326	564321	566396	565475	565971	563860	566068	563850	565475	567588	566801	568506					
	567921	568505	567972	565557	566010	567738	567361	569837	566506	568337	569286	568244	566830	27.944	14.817	15.180	15.355
15	567513	567739	566501	565948	566130	566055	568304	570234	567666	570073	568888	568323					
	567572	567780	568362	566534	568793	569709	567006	566290	566053	570325	568250	568842	567870	27.932	14.834	15.211	15.345
16	567861	567250	569354	567237	568259	566764	568778	569080	569025	569499	569229	568697					
	569296	569227	570822	569722	569962	566972	568997	567764	566280	567886	565720	567065	568364	27.958	14.843	15.176	15.372
17	567458	566857	568343	565783	566612	566703	567429	566994	567333	567259	567886	565749					
	567875	568996	566858	565518	568307	568010	565287	566245	565587	567878	565261	565122	566890	27.956	14.847	15.187	15.356
18	566769	567995	568126	567319	567292	567332	568082	568464	568897	569601	568022	569459					
	569002	569202	569695	568866	568795	567763	568478	570628	567697	567388	567722	567135	568322	27.974	14.828	15.190	15.364
19	565974	570415	569066	566801	569771	569878	569634	569839	569941	571238	569477	569982					
	568928	569584	570190	570281	569515	571241	568261	568599	567472	567291	569211	568388	569207	27.934	14.840	15.210	15.347
20	569502	569250	569414	569165	568625	568710	568180	569644	569750	570354	570531	572466					
	570290	568528	568594	568563	569561	570340	569280	567943	569072	569116	566770	565937	569149	27.962	14.845	15.193	15.359
21	565337	566893	568409	569051	565045	568286	568713	568659	568458	568302	567966	567928					
	567756	569817	567301	566048	564022	566393	565413	566541	564825	564282	562207	565825	566811	27.948	14.877	15.180	15.334
22	562424	564297	565185	567234	565202	566451	567070	565382	566536	565891	567214	566769					
	568078	566910	568072	563542	566915	565286	563932	564316	565038	564356	566581	563588	565678	27.930	14.837	15.203	15.351
23	563544	565021	565879	568449	564251	564897	566179	564986	565473	567106	565579	566275					
	565472	567815	566768	569653	565374	565642	565972	563388	563921	565621	566412	566091	565824	27.934	14.848	15.232	15.354
24	565585	566252	564680	568313	565178	565963	563506	566311	567744	568475	567790	566289					
	567321	566820	566654	567908	567087	568384	567672	567381	567353	566968	565903	566546	566753	27.960	14.849	15.176	15.346
25	566152	564759	566961	567004	566350	566394	568396	568245	568298	567511	568798	571319					
	568288	568236	568963	566939	567456	564624	563697	563361	563556	565431	565655	565188	566733	27.957	14.836	15.188	15.354
26	565163	562944	565905	564143	566369	566096	566639	568302	566326	568640	567341	567463					
	567127	568268	565435	565742	564667	563423	566983	564187	567125	566261	565189	562500	565927	27.952	14.852	15.183	15.358
27	566179	566337	564269	562572	563596	565331	566017	566332	566179	567988	568164	569592					
	567948	565152	567589	566780	566675	566582	566399	564573	564525	563768	563127	565079	565865	27.952	14.850	15.203	15.311
28	565394	565461	563051	565414	565481	565729	567686	566931	568421	570396	568382	566144					
	568668	571509	567848	567895	568317	567753	570289	567417	565828	564242	562783	564773	566909	27.960	14.839	15.196	15.353
29	565020	565823	565829	564557	566984	564341	569701	567250	566598	568206	569108	569028					
	567712	569932	566825	565866	563577	566461	563495	567719	566336	567182	565473	565322	566598	27.935	14.865	15.218	15.334
30	564355	565921	564323	566672	566732	566243	567730	564775	565784	569265	569301	567327					
	566786	568083	565337	564891	566994	567244	568249	566616	569220	567380	569082	568519	566951	27.924	14.831	15.178	15.370
31</																	

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 Pressure corrected data - February 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG	R1	R2	R3	R4
1	564056	566178	564021	564435	565123	566762	568526	568892	569568	569558	567826	569017					
	568831	567820	569302	566259	566125	564547	567085	566805	564770	568390	566321	566040	566927	27.943	14.827	15.197	15.367
2	568054	565039	564840	565686	566856	566839	566649	567756	568077	568871	567842	569097					
	568461	566490	566771	567816	566127	564866	565638	564338	564828	565061	564839	565107	566498	27.955	14.841	15.190	15.346
3	565844	565374	565211	565143	561858	563033	563079	563711	564219	565771	566694	565272					
	565046	565068	567696	562461	565936	563978	564681	563243	562808	564713	565937	562922	564571	27.937	14.845	15.205	15.365
4	562309	561824	562783	563621	561918	563701	561773	563504	564239	562717	566776	566639					
	564745	565783	564620	565719	565645	564087	565045	565149	565437	562900	563559	564534	564126	27.955	14.846	15.188	15.329
5	561561	561201	562616	560913	562476	563825	563529	563359	564501	566255	566371	566245					
	566620	566774	565633	566460	563689	566798	562390	562119	563427	562588	562930	563008	563970	27.938	14.855	15.216	15.358
6	562446	565902	561608	560188	562112	560291	561295	560997	562555	565778	565944	565700					
	565005	563988	566534	566564	564909	564804	565411	565045	561609	561325	565115	563488	563442	27.903	14.866	15.192	15.372
7	563793	563906	564335	565389	566089	564683	565713	567320	566698	566121	568643	570272					
	569265	565693	565571	565055	564992	564253	564183	565042	563495	563747	566522	565093	565661	27.924	14.837	15.195	15.344
8	565580	566462	567603	568287	565688	567575	566201	565474	565344	565013	562419	562672					
	559991	561757	561632	560666	561989	563090	564399	563097	563887	558596	562105	562466	563833	27.922	14.847	15.213	15.371
9	564593	561660	565164	567839	564647	565098	565205	565968	567461	566613	566350	566857					
	568779	564369	564378	565619	566584	565351	563432	563108	564678	565236	564574	568165	565489	27.973	14.828	15.196	15.345
10	566199	566990	566197	567331	565344	567508	564877	567310	568431	570606	571199	569170					
	568370	567682	567804	566010	565117	564947	565875	565220	564866	565103	565075	562999	566676	27.939	14.832	15.199	15.368
11	566723	565077	564941	567256	565112	568034	566906	567080	568667	568544	569014	568421					
	566618	566889	567125	565982	564103	564080	561918	564507	563508	562408	563238	563181	565805	27.944	14.854	15.202	15.348
12	565005	564883	564760	565744	565901	566089	567447	566033	566203	569203	563508	564835					
	567416	565396	566871	565498	566228	563921	562725	562175	562444	561889	559369	560880	564768	27.924	14.848	15.199	15.339
13	560289	560551	560896	561018	561914	563202	562376	561155	561593	562476	564861	562223					
	564339	561744	561632	561814	561447	561884	559463	560754	561875	559022	561509	560444	561603	27.960	14.851	15.197	15.345
14	560184	564272	561907	562915	561737	562782	565831	565058	562213	563367	563369	562769					
	567204	565234	562950	562152	561724	562310	558595	559286	558795	558666	558671	558836	562118	27.930	14.851	15.200	15.334
15	561555	561872	563759	564890	565275	564973	565230	565135	566727	564426	565755	564989					
	563471	563132	564599	563893	564940	563604	564765	565547	567716	569797	571153	568726	565247	27.948	14.860	15.187	15.375
16	566410	565561	565761	563828	565353	563021	564414	564276	561077	563915	562675	565105					
	562966	564010	562929	562969	562953	562123	561045	560223	561753	562472	564045	562175	563378	27.902	14.867	15.179	15.388
17	561607	564416	562379	562088	561472	559840	557789	560928	562251	561349	560967	562220					
	563226	562713	563694	561890	562062	562548	561780	560936	559840	557973	560582	559084	561401	27.952	14.838	15.196	15.344
18	559024	557346	558031	558679	561394	558486	562461	562006	562449	561898	562737	559842					
	558537	559911	559815	559892	558917	559730	560287	562383	561774	558202	558370	559756	560080	27.931	14.849	15.216	15.360
19	555957	557455	560262	557874	560860	560133	563232	564135	563101	563622	563318	563798					
	563242	560560	560610	560475	558931	558531	558144	556311	557043	558223	558969	555107	559996	27.938	14.848	15.194	15.352
20	557380	556853	556699	558992	557661	557517	557316	558921	559656	559903	560873	560021					
	562886	560707	560913	561987	560290	559289	557185	557302	556966	558163	557275	556125	558787	27.922	14.838	15.224	15.359
21	551931	557334	554930	556190	554431	553973	557353	556633	556889	556449	558029	556352					
	561166	559354	558715	557055	556104	555845	556628	554642	557070	554329	557949	554072	556393	27.942	14.835	15.226	15.321
22	554850	557350	558873	558117	556386	558911	557802	560534	561710	560361	562972	558990					
	562006	560896	560567	558800	560753	559936	560928	560287	559767	560967	560768	558414	559623	27.957	14.829	15.207	15.348
23	562361	560598	559634	558162	558615	560763	560832	559831	561742	560318	564776	561236					
	562026	566159	560477	561577	559419	563036	560401	559262	560914	559365	557854	558112	560728	27.911	14.874	15.206	15.325
24	559955	559470	558513	558919	560483	560175	560346	559674	563167	564454	564571	562466					
	563278	562824	563328	564564	562039	561231	561910	562674	562952	562544	560958	559413	561663	27.956	14.835	15.185	15.331
25	560058	560702	562079	560413	561885	560275	564811	562105	567091	564095	566215	565140					
	564701	562981	562734	562501	563071	559326	559051	558036	560015	561918	558058	561983	562052	27.983	14.849	15.180	15.341
26	559366	560627	558625	561782	561900	561976	562343	562251	562512	564144	563106	563246					
	560478	564418	565310	561551	562544	562006	562113	561949	560868	560949	560287	560386	561864	27.944	14.851	15.210	15.336
27	560408	559626	560246	562709	564799	562822	560328	562834	563393	565110	565541	562685					
	564882	564190	560902	562034	560368	561739	562858	559924	561041	558554	559886	559983	561953	27.955	14.853	15.191	15.347
28	561102	560524	563094	561569	560179	562523	563836	561748	562122	560858	561526	563583					
	560752	559690	562984	560798	560847	559207	559392	558053	557780	558693	556949	559917	560739	27.942	14.833	15.179	15.365
MONTHLY	561736	561895	562135	562499	562410	562672	563125	563380	564059	564350	564781	564245					
AVG	564440	563794	563789	563145	562780	562395	562047	561693	561854	561493	561888	561444	562835	27.940	14.846	15.199	15.351

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Pressure corrected data - March 2010

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY				
	13	14	15	16	17	18	19	20	21	22	23	24	AVG	R1	R2	R3	R4
1	560085	560860	559465	558030	560920	560544	560520	562645	559479	560342	560139	562478					
	562790	562599	562599	561698	561098	561499	559588	559857	558554	560373	560451	561099	560738	27.904	14.859	15.190	15.351
2	559669	559357	559156	561966	559627	561061	557550	556785	558232	560280	558758	561887					
	559430	559426	561425	562930	561422	563782	559735	557856	561358	561098	560576	560021	560141	27.957	14.851	15.194	15.328
3	560380	560752	560666	561896	561297	561121	559113	558680	559991	562392	562353	561355					
	563111	562122	563480	559964	560396	560931	561536	561776	561774	561849	561964	560815	561238	27.965	14.832	15.199	15.371
4	560746	561568	562270	562044	562455	561104	560050	562004	561746	561144	562723	563729					
	563351	566114	564459	562054	560960	563344	561557	561948	562360	562544	561055	560463	562158	27.942	14.836	15.205	15.349
5	561054	559962	558702	561163	562103	558180	559357	561765	560349	561819	563667	565315					
	562212	564146	562377	560877	562393	562951	562649	563209	561034	562054	560101	560330	561574	27.947	14.840	15.186	15.345
6	560742	559882	560930	561187	561366	561664	561539	560711	564578	559710	561911	562202					
	562523	565440	562521	561541	562790	563276	564089	562809	563936	563475	562735	559875	562143	27.947	14.842	15.201	15.328
7	559057	560381	561264	557433	560521	562053	560442	559504	564129	562830	560637	560235					
	563605	564523	563801	561259	563287	564766	562707	563461	565406	563002	562051	560493	561952	27.952	14.820	15.226	15.366
8	562077	561868	562145	562087	565055	563554	564683	561559	561077	563173	563049	563315					
	564240	566884	565913	566278	563840	566071	563794	565962	564715	564253	563338	565897	563951	27.916	14.870	15.211	15.340
9	565695	562701	562493	562332	564452	561842	564286	561741	561949	561932	561335	562368					
	562734	562319	563079	561650	562732	561808	563065	561871	562829	560632	560638	561670	562423	27.972	14.823	15.200	15.359
10	560111	560134	558334	561222	562250	560895	561938	561173	560149	559072	561936	562351					
	563079	563752	563353	561699	564863	563214	563588	561065	561420	557500	560689	560345	561422	27.931	14.827	15.204	15.365
11	560117	559912	561725	560607	560822	560144	561679	561251	559916	562266	561944	563093					
	561305	562014	562632	560705	563314	560651	557494	561003	558652	559396	557426	560860	560789	27.963	14.840	15.176	15.364
12	559301	557857	559270	560171	559033	560312	560528	560656	559780	559773	561907	560872					
	560850	562088	559727	560431	560908	560835	560931	562489	560254	561803	559880	560241	560412	27.956	14.814	15.202	15.348
13	560907	561380	560926	560627	563173	561627	560351	559084	558671	558632	560170	559441					
	564725	562738	562587	562625	561983	560635	565271	563280	562681	562844	562109	563236	561654	27.963	14.805	15.207	15.384
14	559807	561633	562621	562952	560835	561617	562827	562924	562185	562351	560563	561311					
	561604	561330	563816	562778	563064	565594	561359	561229	564248	561975	561546	562604	562199	27.967	14.805	15.214	15.379
15	565346	563836	562497	562248	561962	564419	563591	565515	564952	564394	563094	564878					
	564548	564258	562196	564268	566236	563030	563452	562412	564345	563166	563752	563969	563849	27.956	14.837	15.175	15.367
16	560792	562505	564273	564376	564737	561552	562721	562725	563664	563700	564915	566640					
	567340	564305	565267	564735	563163	565069	565646	562970	563012	563920	562506	562852	563891	27.962	14.819	15.210	15.360
17	561340	559766	558713	562609	561712	561535	561570	565289	564480	564664	563566	564848					
	564705	566295	563743	564162	562404	559660	560149	558874	557983	558474	561764	558696	561958	27.988	14.804	15.211	15.356
18	560408	559115	560804	562429	559268	560386	561775	556855	556513	557093	559026	556943					
	558986	559730	560584	560529	558650	561141	558798	558507	562191	558817	558950	559523	559459	27.957	14.854	15.185	15.337
19	556064	558766	559783	559674	558965	560176	557984	560262	559633	561405	562058	559870					
	562386	562062	561049	561189	561586	559815	558761	558255	555936	556821	557548	557218	559470	27.967	14.816	15.185	15.365
20	557217	555529	556156	557001	555707	559642	559825	561210	561294	559535	559804	557783					
	559076	560680	558635	559824	560791	557889	559706	559498	557209	558621	558450	558073	558715	27.948	14.837	15.187	15.340
21	556671	557850	557278	556132	558034	558817	557375	559232	558775	560300	559224	560037					
	558548	559631	561363	559201	562064	561111	561742	559146	560830	559885	558583	559086	559205	27.973	14.850	15.189	15.363
22	559582	557585	557704	557923	558200	558017	559129	558939	558471	557922	560793	558379					
	559013	563114	562087	562051	561862	561583	561733	560430	560160	560270	559337	560551	559785	27.932	14.836	15.216	15.333
23	557286	559883	557757	559002	559216	561249	561569	561764	561777	559470	561765	561928					
	561440	560654	562365	562947	562193	560513	561994	561452	560198	560851	559907	557492	560611	27.932	14.840	15.202	15.348
24	559112	559755	560136	561275	560637	563914	560924	563468	561118	560178	563366	564728					
	561647	563292	562992	562685	562094	561101	560488	560847	559450	562371	561323	561532	561601	27.946	14.844	15.225	15.344
25	558857	559378	560836	561336	561932	564342	561590	560995	560820	562044	562479	560436					
	561582	562415	560218	558255	557143	557286	556556	559047	557585	560085	557202	556999	559976	27.925	14.843	15.202	15.361
26	560115	558063	560032	554800	556282	557829	558014	561098	558155	560366	560120	560229					
	561832	560474	561735	561732	560778	558906	558978	559929	559168	557432	560856	561782	559529	27.923	14.833	15.217	15.356
27	559884	559630	560324	558850	560339	562738	560864	562688	561764	561212	562326	564978					
	562811	558717	560636	560301	561800	563183	561256	559527	557968	560943	558391	558640	560824	27.966	14.815	15.208	15.382
28	558636	558138	559685	558969	560424	560416	558450	560221	563129	563198	562522	563355					
	561375	563846	562750	561075	563919	561023	561210	557940	557336	560651	559236	559985	560729	27.950	14.842	15.199	15.380
29	558279	558686	560505	560239	560722	561421	562737	561735	558597	562156	560958	561134					
	562584	562056	562330	562539	563644	563419	561342	562994	560284	561236	558699	561472	561240	27.950	14.845	15.207	15.361
30	562290	561447	560929	559064	562042	562672	563940	565554	563696	563717	562456	565132					
	563325	564080	564669	563071	562526	562439	562853	559031	563355	563784	561971	562014	562752	27.960	14.849	15.186	15.361
31	563315	561434	561039	562268	564642	562093	563135	564193	563801	565242	564514	563676					
	566115	564802	566545	565269	565060	563516	562409	563459	560989	560374	561292	558469	563235	27.940	14.853	15.197	15.348
MONTHLY	560159	559988	560272	560384	560927	561192	560970	561362	561060	561365	561744	562094					
AVG	562351	562771	562611	561946	562225	561937	561433	561037	560878	560984	560462	560526	561278	27.950	14.835	15.201	15.356

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Pressure corrected data - April 2010

UT	1	2	3	4	5	6	7	8	9	10	11	12	DAILY				
DAY	13	14	15	16	17	18	19	20	21	22	23	24	AVG	R1	R2	R3	R4
1	560292	561877	562642	563297	564880	563546	563452	561590	561636	560846	559767	563042					
	563539	562993	565442	564113	564397	564319	562456	561600	560161	560924	562336	560552	562487	27.931	14.842	15.198	15.353
2	563392	563626	561940	560997	563355	564154	562729	561643	563117	563892	563368	564198					
	560216	559850	561168	558573	557765	560447	557779	557194	558935	559524	559190	562200	561219	27.942	14.849	15.193	15.371
3	557573	559941	558649	559567	560296	558933	560794	561156	561195	560320	558334	559064					
	557142	559250	557525	558024	557715	558800	560423	559820	560590	561134	559935	557402	559316	27.910	14.874	15.207	15.355
4	558543	559882	559886	559552	557918	562093	559509	561031	559509	558776	559030	559593					
	557042	557058	558608	557339	557421	557461	556801	557498	560572	559118	563891	558455	559024	27.929	14.822	15.170	15.370
5	559289	561082	558779	560126	558805	559630	562178	563134	562755	566121	565913	561922					
	560128	553260	555690	553696	551779	552703	553995	555621	554101	554195	555868	557141	558246	27.923	14.869	15.195	15.332
6	555477	555485	555431	555873	561019	558872	554729	558793	559304	560006	559954	557652					
	559067	558937	557101	556824	555093	553693	555096	554929	553742	553842	555293	557579	556979	27.947	14.866	15.243	15.304
7	556162	558197	559318	557378	557458	557283	559538	556547	559972	562297	560271	561342					
	560899	562175	556734	561466	560564	559318	556494	558499	558080	556639	557741	560406	558949	27.928	14.812	15.224	15.371
8	558819	558911	560582	559126	561429	560421	559187	558834	558930	559796	561310	557992					
	558923	560080	560286	559395	558898	557974	558618	560638	558464	558948	558501	558179	559343	27.935	14.828	15.220	15.355
9	560801	559050	560097	558042	560319	560422	561060	559423	559737	561433	560597	562855					
	562714	561892	561327	560883	561508	564100	560615	557688	560525	559517	557594	557295	560396	27.944	14.806	15.206	15.368
10	560915	558780	557039	562844	562169	561970	562516	562894	561509	562766	561680	564642					
	562216	562512	562402	560121	559966	561300	559696	558719	559079	561029	561940	560195	561204	27.941	14.858	15.180	15.362
11	560085	561290	562329	561363	562409	565163	563467	562473	564818	563394	563199	561737					
	561573	561300	565873	563731	562439	561145	564741	563735	562716	561218	560304	560679	562549	27.912	14.845	15.208	15.360
12	561297	561990	561047	561490	561404	558904	562293	560624	563520	561833	561975	565103					
	560155	560909	558815	559941	559134	557394	557112	558035	559018	557570	561871	561355	560533	27.915	14.863	15.211	15.365
13	559379	559624	563564	561884	561578	561300	561145	560292	561017	561206	562225	561281					
	564334	559775	561911	560531	562149	562757	559401	560914	559201	561633	559572	561520	561175	27.960	14.820	15.212	15.344
14	561203	559115	559602	559360	559261	560365	558742	559052	560510	561427	560935	561662					
	562361	560598	559902	557796	560647	559643	556404	554380	554836	554953	559002	555103	559036	27.900	14.863	15.219	15.379
15	556088	557775	557638	555724	555613	556141	556860	556862	557174	560365	560162	561038					
	560428	561098	560010	557973	557691	555751	557004	554044	554251	551884	553445	553796	557034	27.932	14.846	15.214	15.343
16	554411	555017	554202	558006	555559	556833	556937	557515	559048	557241	559643	559036					
	561603	558700	558069	557290	556726	556693	556586	555574	555102	552352	553602	557361	556796	27.943	14.824	15.233	15.361
17	553492	555217	553448	554919	556194	557524	557751	558130	558770	558506	558260	559207					
	558105	560580	558097	556809	556577	555649	556332	554751	557546	558204	556000	555894	556915	27.920	14.839	15.228	15.362
18	556637	555639	555975	558274	556530	560153	558562	558539	559393	560057	557198	560028					
	561167	558818	561423	558746	556834	558058	559151	559033	557416	557560	558870	559692	558490	27.920	14.820	15.205	15.362
19	559241	559396	559901	556532	557361	558069	559287	557130	556833	559419	559730	559422					
	559398	561175	559849	561581	561570	562780	560792	558603	559518	560653	560344	560125	559530	27.933	14.842	15.213	15.331
20	559955	558469	558659	559491	560144	556665	557978	560041	559751	559752	560242	561981					
	560656	559232	560288	563957	559837	562609	563763	563694	563078	561709	559604	563049	560608	27.909	14.853	15.227	15.367
21	559011	558622	557174	559563	557762	557815	556720	559141	558905	559306	561443	562881					
	561788	562007	561315	560025	562822	562117	559847	558738	559227	557275	558279	557911	559571	27.939	14.843	15.226	15.328
22	555726	558439	558129	557338	556717	560457	556325	556172	555898	558958	557479	559133					
	559768	560007	558045	558962	559550	559787	556040	558129	556524	556846	554854	557278	557773	27.930	14.848	15.191	15.359
23	557881	556834	558704	554085	553456	553509	554453	555887	557684	558100	558941	559535					
	556687	558057	556275	558943	556006	555328	555919	554571	553604	554590	556217	556016	556303	27.930	14.856	15.202	15.335
24	558525	558439	557181	555583	555648	554724	554864	554041	556145	555118	556661	557540					
	558152	559531	558945	558581	556195	554334	555577	555400	552375	554357	551664	552952	555939	27.918	14.846	15.197	15.348
25	552410	555122	554457	553157	554843	554699	556303	555704	558378	556450	558270	557837					
	558286	556505	558694	557302	557683	557365	555764	555629	555918	553827	556545	554349	556062	27.963	14.842	15.203	15.333
26	554514	555852	555400	554416	555100	555825	557399	556704	556809	557350	557613	560261					
	561149	558901	558006	558202	558536	557402	558169	558510	554087	555914	554689	552369	556799	27.922	14.830	15.209	15.334
27	552958	551869	553031	552890	553114	555595	557079	557701	555698	556537	561765	559661					
	559829	559349	558576	559009	558465	554877	554765	555615	554834	554187	554387	549695	555895	27.945	14.816	15.230	15.345
28	553664	555755	551749	553014	555640	554493	553261	553493	553757	554453	556417	555737					
	557249	555623	559357	556745	557993	558621	558847	559235	558770	558793	560651	558677	556333	27.937	14.795	15.234	15.341
29	557731	561629	557755	557090	557557	558729	557010	557181	558444	556841	555111	556415					
	557910	559621	557134	560129	560875	559821	561287	559475	558074	559817	557375	554813	558243	27.959	14.816	15.193	15.359
30	556720	557047	555199	555756	558267	554404	554426	555789	555641	557678	558780	557395					
	559230	559890	556950	557155	557235	556892	557600	556789	557204	558347	559808	560803	557292	27.957	14.833	15.200	15.351
MONTHLY	557740	558332	557984	558014	558393	558623	558552	558584	559195	559675	559876	560306					
AVG	560057	559656	559461	559128	558802	558638	558236	557902	557585	557552	557979	557761	558668	27.933	14.839	15.210	15.352

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)

Pressure corrected data - May 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG	R1	R2	R3	R4
1	557560	557138	557650	558797	557603	558632	561547	558487	557833	559952	557400	559078					
	559777	560716	559660	558729	560205	560216	558284	561543	557715	560248	557502	558278	558940	27.933	14.850	15.201	15.365
2	558224	558671	561269	560617	560931	558999	557368	559989	558108	559243	558870	560193					
	564622	562805	568818	565562	562956	563459	561109	562564	562947	561430	561940	559112	561242	27.908	14.842	15.215	15.362
3	558357	558005	560383	559850	558052	560348	558623	560744	559210	560187	559033	562018					
	561155	562417	559168	557160	559719	556915	559159	559317	554372	556520	557591	559798	559088	27.910	14.845	15.210	15.351
4	556443	559966	560363	558903	557816	558652	558992	560019	557685	558544	558696	561122					
	561326	559618	560462	558267	559116	559047	557034	560299	561571	558802	557575	559574	559162	27.951	14.827	15.210	15.368
5	558501	557750	557567	558171	559077	558857	559151	559543	564669	561460	562216	562740					
	560263	561028	559998	560791	560064	560986	561116	560605	561276	560411	558339	559206	560158	27.922	14.823	15.222	15.364
6	559928	561109	559662	560662	558161	560352	558162	560144	562579	562355	558715	561120					
	560180	561135	559915	560760	564623	562192	560480	561792	561362	562188	562264	559035	560751	27.926	14.833	15.202	15.368
7	559303	559728	558577	557314	558948	556356	557517	555340	559358	557641	560649	559169					
	561583	559991	559194	559451	559512	559539	558373	559188	558799	558736	558965	557606	558785	27.889	14.859	15.195	15.369
8	557819	556494	557582	559293	559910	557527	559145	558026	557663	558547	558159	558196					
	557163	560012	560976	559215	559126	560689	558279	560509	560425	559504	561580	559808	558985	27.925	14.845	15.213	15.350
9	557159	559615	559284	555858	558752	557528	558352	556335	557859	559169	558146	560098					
	560134	559611	557835	559122	559071	560477	561051	559831	560126	560185	559682	557090	558849	27.933	14.870	15.211	15.336
10	560410	559017	558140	560696	560253	560154	559944	559117	560229	559819	559729	559439					
	560998	558460	558547	556910	555336	555913	559668	558308	557978	559787	558618	560196	559069	27.957	14.857	15.205	15.330
11	557897	559449	560621	556003	556142	558168	555615	560443	559538	559641	559322	560747					
	560704	560290	560203	559515	559610	558711	558186	558377	562530	560131	562065	562006	559413	27.895	14.825	15.225	15.374
12	558684	557222	556361	559166	557626	557585	557216	556168	558095	558987	558753	559507					
	558330	560014	559494	559519	559372	558652	557463	557387	558321	558964	558477	557786	558298	27.923	14.828	15.198	15.360
13	556481	556835	559702	556690	557916	558512	555453	560157	558680	558996	561875	561339					
	560906	560503	559923	560567	561625	560693	559828	558894	562065	559426	558322	558840	559343	27.892	14.840	15.221	15.363
14	558041	555905	557661	555905	555560	559923	557126	558563	557970	558562	559280	561623					
	561220	558900	559891	560097	559490	559135	558911	558102	559411	559464	556744	559473	558623	27.927	14.816	15.187	15.395
15	557939	559909	558127	556855	559264	556530	558084	560731	561127	561146	559461	560996					
	560556	559791	559538	560537	560836	559404	559358	556982	558924	556546	558131	557266	559085	27.935	14.839	15.212	15.345
16	557921	556542	558060	557279	555664	554821	559495	558787	558207	560584	558312	559178					
	558533	557417	559952	557972	556254	559735	556877	557047	555434	556581	557261	557915	557743	27.886	14.829	15.199	15.388
17	555652	556273	560021	559269	558228	557820	560045	559881	559971	561972	560456	559932					
	559399	559629	561192	557992	557312	559645	557852	559196	559304	558775	559546	557669	559043	27.934	14.832	15.202	15.370
18	558576	559890	558669	559545	559539	557427	557487	560831	561437	559926	560883	560149					
	562308	560941	561016	559082	562709	558035	559970	556489	557693	558491	557828	557377	559429	27.928	14.850	15.204	15.369
19	557578	557006	557972	557886	557123	557002	557105	558332	556952	558157	558378	556286					
	556073	558313	560843	557341	558651	557930	556621	554912	556750	556014	557605	555726	557356	27.919	14.827	15.207	15.384
20	558370	558957	556246	557618	558032	556922	557639	557063	559639	558219	560334	559940					
	557175	561467	560489	561484	560359	559203	556827	557964	557463	556977	558251	558569	558550	27.938	14.836	15.213	15.340
21	557005	558132	556495	557145	556098	555749	555585	556143	557727	557898	557786	559381					
	560321	560197	562167	560220	561807	559729	559528	557828	556994	559271	554997	558162	558182	27.876	14.869	15.202	15.390
22	558465	559586	557081	560617	558484	559635	560575	560881	559242	558597	561918	562837					
	560274	559831	559841	560515	559812	558281	558803	559728	556786	557811	559559	561042	559592	27.941	14.826	15.199	15.360
23	557556	558926	557840	556674	556583	556326	559030	560283	559128	558830	561498	562474					
	561542	561360	557911	560084	560869	562636	559502	561344	558049	555653	557269	558310	559153	27.922	14.843	15.197	15.348
24	557478	558695	558680	560958	559001	559232	560380	558478	559112	561038	562451	561435					
	562139	560923	562532	559928	561205	561014	560298	559767	558675	560984	559100	558823	560097	27.916	14.854	15.214	15.336
25	557048	561426	562097	560889	561832	562237	559723	561172	561686	563758	561847	563360					
	562785	564668	563351	562269	560442	564153	563639	561838	560746	561850	561399	559314	561814	27.928	14.840	15.201	15.363
26	560338	558979	559286	558253	559052	560286	557922	558059	560445	560943	564993	563203					
	563769	562417	562588	563198	561905	560637	561414	559580	560149	557702	556255	558017	560391	27.938	14.840	15.200	15.352
27	558501	558890	559545	560442	560071	559140	563392	561859	562842	562515	563877	562965					
	562341	562847	562242	561833	560366	558630	561696	559533	557067	558960	559772	560677	560833	27.943	14.852	15.233	15.340
28	562408	559950	562116	562503	562157	561808	562224	561051	563480	561516	562823	563260					
	562469	563700	559460	559543	557134	559240	559351	553477	551868	554862	553415	553710	559730	27.931	14.846	15.203	15.366
29	553521	559668	560178	558711	559115	559764	558206	560105	560198	562152	559270	559428					
	561649	562937	562426	559640	563124	558230	557420	558899	556694	556272	554430	554409	559019	27.950	14.838	15.202	15.339
30	556847	555538	555415	556190	556627	556298	558859	557052	559600	559584	561653	560771					
	559201	557942	556783	556484	558740	558912	559868	557313	557441	560447	557859	555799	557968	27.938	14.858	15.198	15.356
31	557039	557198	557979	559235	555409	556124	558140	558337	558657	558532	558080	557943					
	559594	559032	560340	560015	558506	558970	558582	559075	558837	556658	557997	559483	558323	27.916	14.858	15.211	15.348
MONTHLY AVG	557969 560596	558467 560610	558703 560541	558645 559800	558356 559995	558346 559710	558648 559244	559101 558958	559643 558638	559951 558698	560157 558398	560643 558389	559259	27.924	14.842	15.207	15.360

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Pressure corrected data - June 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG	R1	R2	R3	R4
1	558212	556863	560133	559346	558917	558630	560892	561695	562416	561448	561014	564445					
	561027	562522	562333	561150	562353	560885	561009	560966	560714	559782	558419	555995	560465	27.920	14.843	15.207	15.344
2	557374	557791	557225	558613	558243	559366	560287	559588	560688	560381	560720	561820					
	560192	563070	561029	562320	561691	560759	560941	559783	559612	560519	559129	558374	559980	27.920	14.852	15.214	15.346
3	559855	558078	558914	560341	557498	558522	558654	556204	558535	557377	562336	561161					
	560096	563788	561469	561705	560221	558430	558186	556943	557909	556871	553405	555093	558816	27.924	14.875	15.171	15.345
4	557421	557546	558053	558849	558944	558282	557345	559828	559044	559297	560779	561534					
	558399	560285	559328	559824	557298	555836	560036	557845	555782	557040	555481	556337	558350	27.940	14.834	15.216	15.363
5	554159	555005	554920	556697	556244	557368	558235	562107	561213	559897	565731	559144					
	562153	559780	558611	558957	557987	556915	557424	558230	555667	555714	555581	554508	558010	27.964	14.840	15.202	15.382
6	554587	556048	559094	555834	557358	557030	558392	559703	560423	559973	560783	561277					
	560085	562888	561104	558385	558803	558284	558348	558929	556704	559181	557794	555361	558599	27.929	14.850	15.224	15.333
7	554110	553407	556479	554580	556098	555374	557115	557570	560387	561080	559120	561402					
	561560	561874	563326	562156	560337	558829	559877	558771	557074	559486	557921	555302	558468	27.915	14.868	15.185	15.338
8	557010	555280	558103	556970	557162	556996	557700	557897	562508	559945	559798	559031					
	561319	560562	559518	559772	558821	561633	556366	556393	554923	555887	555664	554480	558072	27.955	14.833	15.201	15.346
9	554863	555178	556833	555448	555708	557316	557685	559122	560871	559301	558500	559918					
	558312	557621	558274	557536	560304	556144	557687	557034	556192	554970	556382	555504	557363	27.910	14.857	15.210	15.347
10	554297	556084	557684	551672	557645	556292	555608	558584	557340	560154	560494	560453					
	560147	561363	559813	560660	557446	557674	556749	556262	558000	557305	555344	555474	557606	27.922	14.844	15.209	15.366
11	553741	557240	556671	555867	556408	556092	557688	557108	556026	557277	558656	560286					
	558544	558340	562289	559541	557653	558452	558943	559047	560340	559411	555440	557665	557864	27.905	14.852	15.222	15.361
12	555773	556812	556030	555479	557678	558023	556883	556942	559265	560783	556011	558959					
	559453	560152	558993	558184	557608	558725	555894	556956	555829	558212	556011	554982	557485	27.939	14.853	15.196	15.378
13	555297	555190	556721	554062	556430	557275	555167	557197	559395	560152	558859	557011					
	559344	556156	560410	558781	558916	559050	560949	559706	559568	555235	557769	556280	557705	27.953	14.834	15.203	15.334
14	557272	557641	557644	557064	557188	555542	556928	559775	559598	559228	558451	561006					
	558640	561465	558458	561201	559780	560557	559972	558039	557120	558114	555559	559121	558557	27.930	14.843	15.223	15.372
15	555102	557668	555859	556248	555370	558606	557154	558145	558023	559331	557183	559341					
	560135	558259	559450	557858	557968	557248	559001	558178	558406	556133	556740	555505	557621	27.872	14.839	15.240	15.359
16	557193	555428	556070	557072	556131	556106	557108	559359	559911	560498	561000	560012					
	560654	560801	558798	559633	561886	558681	559709	559092	557234	559877	556626	558930	558659	27.927	14.843	15.222	15.376
17	556402	555825	556154	558461	556308	559101	559292	560687	562791	560612	559999	560136					
	561670	560118	557239	559525	557982	556080	558447	557860	556996	558669	557668	557395	558559	27.919	14.854	15.199	15.361
18	555974	558882	557799	557026	555251	555757	559223	558932	559834	559769	560178	559658					
	559250	561436	559791	559315	557967	557364	558804	558116	557016	558019	554284	557136	558199	27.939	14.838	15.196	15.367
19	558815	557273	558660	558257	559366	556977	560020	559420	558985	561847	560490	562354					
	561955	562414	562190	561220	560355	558211	560107	560310	558752	559465	560109	561089	559943	27.921	14.836	15.222	15.371
20	560901	557703	559291	559396	558359	560436	560312	559025	562272	560695	561048	560469					
	562436	561859	562440	561277	561985	562829	561104	563055	563245	561481	559435	557796	560776	27.929	14.853	15.201	15.343
21	557583	558993	556669	559594	560484	562686	562037	561004	562862	563660	562050	558977					
	561393	561235	557766	558281	557788	555700	555267	556683	558305	555205	554225	553557	558834	27.924	14.857	15.214	15.335
22	556203	556977	556834	555645	556302	555678	557692	557442	556433	556340	554983	556147					
	554320	557619	553084	555861	553943	554554	554012	555211	557071	557058	557100	555986	555937	27.967	14.843	15.192	15.367
23	557265	557044	557519	555900	556442	557025	558201	557273	558046	559544	560427	561689					
	561590	559177	557782	557941	559038	556701	559858	558561	558356	557206	560491	556845	558330	27.915	14.861	15.224	15.334
24	558890	557620	556860	557884	559257	558795	560431	559322	559654	560465	558852	560607					
	560306	560875	558708	557768	560825	560099	560472	557004	558772	560125	558317	557582	559145	27.904	14.835	15.231	15.361
25	558338	560565	561136	561523	560369	560239	561039	562643	560281	560965	560401	563243					
	561465	564822	562289	559099	561298	563268	562056	561066	559357	560558	557767	558639	560935	27.934	14.838	15.204	15.369
26	557600	558670	559490	558843	560906	559357	559456	561158	561841	560548	560846	559784					
	559438	561207	558756	558409	561608	558246	560904	559089	558940	558099	558257	558397	559577	27.946	14.858	15.214	15.354
27	557932	556533	554935	558659	557477	556585	555917	558455	558661	559874	559076	560175					
	558673	559688	560502	557562	559358	559720	560858	558601	559547	557706	558048	556097	558360	27.989	14.837	15.199	15.345
28	557571	558731	560202	559346	556013	558863	561257	559642	559855	560283	559975	562750					
	560167	561936	560657	561431	558879	561045	556089	557394	559121	558360	557264	557690	559355	27.930	14.843	15.203	15.346
29	559396	556178	558890	557493	557242	561341	559366	560521	560748	560270	559074	559730					
	561456	560329	560618	561214	562767	560312	560000	560361	558972	559476	562871	558138	559865	27.921	14.852	15.235	15.359
30	559119	560900	559391	558054	561061	560753	557710	559731	560119	562130	562693	559537					
	559751	562517	562354	561717	560394	562127	560043	559814	560631	558588	558970	562276	560433	27.957	14.846	15.215	15.338
MONTHLY	556942	557105	557668	557341	557595	558014	558493	559203	559934	560104	559984	560402					
AVG	560131	560805	559913	559609	559442	558812	558970	558510	558205	558125	557269	556918	558729	27.931	14.847	15.210	15.355

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
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UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG	R1	R2	R3	R4
1	559791	558443	558957	558347	558638	560489	560835	559447	560780	561747	563207	561655					
	561586	561685	559848	563710	561615	561122	561739	560531	560847	559075	559080	562181	560640	27.944	14.846	15.207	15.346
2	559641	558454	557537	557051	558926	560322	560062	559961	558949	561101	562674	561359					
	561279	561258	561076	558403	558021	558833	559936	560459	558807	558961	560550	567747	559640	27.921	14.864	15.217	15.348
3	557938	555701	556916	560074	558672	560429	559764	561047	561572	560002	559833	561872					
	559014	558627	560547	559597	557149	557221	558033	557520	558080	559843	558907	561225	559149	27.949	14.841	15.244	15.339
4	559326	559696	558969	557080	558612	560551	558376	557950	560267	559894	559403	561265					
	560834	561381	560113	561145	559870	560556	561027	564021	558780	559508	560159	557688	559853	27.922	14.805	15.208	15.369
5	556233	558730	558298	558821	558257	557916	558258	559029	561007	559032	561079	560039					
	561402	558623	560565	558238	560151	559661	562799	562303	561095	559540	559727	558831	559568	27.908	14.837	15.211	15.377
6	560043	557999	558259	560400	559185	557803	555149	558382	558070	557623	559657	560739					
	560409	562539	560262	559360	562521	560967	559427	560944	561503	559781	560553	557850	559559	27.933	14.836	15.207	15.379
7	558362	555094	557183	556150	558706	555838	556976	558126	559218	559122	558170	557892					
	559918	559266	559524	559168	559093	557902	560816	558789	557657	555605	554724	555969	557886	27.956	14.855	15.191	15.372
8	556020	557472	554599	556353	557171	558652	559322	561675	558882	559338	559665	558871					
	559039	560087	560067	559856	557707	557346	556520	557806	555426	558954	556068	554897	557991	27.944	14.833	15.219	15.327
9	556066	558440	558295	558804	559191	557647	561211	560547	561842	562359	564617	561053					
	562808	560039	561727	560948	559737	558769	559333	558448	556623	557276	559743	557271	559700	27.936	14.861	15.214	15.344
10	558990	557164	558855	559687	559026	559387	559714	560630	561690	562922	561852	561493					
	562215	563508	561723	563241	560055	560725	560898	559061	560263	559112	557165	556709	560254	27.921	14.845	15.223	15.346
11	558935	557422	557073	558700	560377	559032	561867	560119	561650	560316	560875	560510					
	561337	560630	558841	561364	560494	558714	560247	556781	558275	559532	559815	558024	559622	27.932	14.852	15.224	15.351
12	558985	560356	557154	555712	557523	560156	558904	561237	560551	560509	560419	561089					
	561012	562549	560541	561927	561269	559344	560218	558734	556888	559898	556393	557735	559546	27.956	14.843	15.212	15.336
13	558908	558356	559043	558723	560062	557602	557370	561312	558443	556151	563129	558546					
	563320	563450	561353	562219	559706	561215	560559	558555	557722	558568	559241	557701	559860	27.916	14.840	15.221	15.370
14	555621	557731	559580	557551	558123	561187	556929	558289	559734	560771	559656	561553					
	560957	560178	561733	560160	563037	560088	557718	557513	557279	555556	557573	560490	559125	27.902	14.863	15.213	15.358
15	560274	559349	561543	557481	559410	556383	558855	558131	559119	561766	561389	560930					
	561703	559811	561268	560068	560912	558691	560091	556925	557219	556772	555136	556622	559160	27.955	14.831	15.233	15.350
16	554143	555598	554938	557292	559625	558257	560430	561458	560243	561081	558869	560422					
	560006	561326	561315	559845	558680	560819	557237	556712	555664	555751	555292	558552	558481	27.929	14.828	15.197	15.364
17	554849	557156	559030	557149	556742	558347	556705	560538	559379	558074	559200	561385					
	558880	560455	560056	560890	560809	562739	559618	560461	560654	561657	556747	556325	559077	27.957	14.859	15.208	15.346
18	558659	558198	558542	558594	558703	558620	558620	559730	559602	560054	560445	559290					
	559747	559793	559783	560937	560783	562936	561692	562601	559798	557940	560123	557784	559707	27.935	14.833	15.223	15.357
19	560565	561337	559559	558615	558413	562227	561490	559535	560726	561150	560910	559778					
	560006	561333	562616	559665	561294	561725	560464	559861	558067	558172	559148	559687	560264	27.957	14.837	15.214	15.349
20	560297	560777	556976	559226	559579	561199	561705	561534	559806	561222	560819	562422					
	561326	562709	561999	561593	561804	561574	559105	563169	561220	560049	561412	560899	560934	27.950	14.857	15.206	15.344
21	560062	559442	561227	560017	561403	560266	560468	561640	562585	561619	561311	562368					
	561123	562303	560528	562175	561938	562062	560630	560431	559569	560565	559541	559363	560943	27.939	14.836	15.217	15.363
22	559885	559867	559482	561597	563021	560789	563279	562465	563640	561610	561301	562336					
	561846	562687	559432	560452	560316	560939	559206	560381	559159	560918	558167	559426	560925	27.883	14.853	15.233	15.374
23	558310	557318	560831	556772	560053	559256	558718	558415	559845	562072	559053	559340					
	560117	559724	558836	558874	559442	557836	558320	558172	556582	553465	553891	555700	558373	27.940	14.817	15.224	15.358
24	556248	555735	554778	557910	554113	557717	558177	556429	558942	559443	559122	561006					
	560533	560433	558783	559677	558961	559726	558864	556664	557417	558251	558393	558731	558169	27.909	14.847	15.235	15.370
25	557206	558317	559274	559510	559350	559250	558371	560189	560676	560438	560340	560566					
	562557	560700	563949	561233	562707	561084	559221	561712	559439	562497	561012	563276	560536	27.895	14.844	15.220	15.359
26	562844	561524	561718	562024	560586	561267	563413	560480	560324	561413	563212	560076					
	562993	560093	559173	562729	561568	562373	561320	562377	561136	563064	560451	561148	561554	27.913	14.834	15.232	15.376
27	561425	562535	560132	560120	558408	560962	559032	559733	560655	562552	561069	561660					
	562587	559997	559285	559063	557818	560721	557836	561678	561819	559420	558750	559954	560300	27.940	14.837	15.211	15.348
28	560653	560131	558399	562400	559509	559237	560293	559323	559499	558425	562972	562497					
	558080	560439	560718	558035	558186	559538	558935	558667	557704	557708	557376	557795	559438	27.934	14.837	15.219	15.360
29	559035	559006	559726	557553	560900	557696	559771	559900	559587	559083	559477	559378					
	559470	557440	559996	557966	556936	555831	557353	557040	557701	559170	558169	557238	558559	27.919	14.848	15.195	15.382
30	557250	558061	559798	557791	555909	559466	557424	556717	557808	557163	558474	558998					
	558085	559247	558571	559825	557980	558497	558092	555009	556656	559803	556478	557530	557943	27.895	14.855	15.189	15.396
31	557525	559669	557047	557565	558719	560759	557565	558641	558926	558564	557128	556841					
	558079	556518	555873	558423	558026	557154	556669	556180	557878	556794	558546	555249	557681	27.870	14.860	15.234	15.369
MONTHLY AVG	558519	558551	558507	558551	558933	559313	559324	559762	560130	560387	560623	560556	559498	27.928	14.843	15.216	15.359

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UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG	R1	R2	R3	R4
1	558183	555489	556978	556032	556033	556948	559665	556991	555613	555009	557461	557409					
	557377	557291	555468	557305	553833	557166	557463	558457	557330	557430	558127	557800	556952	27.889	14.858	15.227	15.371
2	556522	554434	556453	558190	559950	557863	554973	556177	556296	556087	555065	558436					
	556238	557813	556173	555215	555826	560678	558616	559956	559829	559450	559621	561068	557539	27.935	14.802	15.223	15.355
3	558565	557797	557317	558310	558668	556292	558598	562326	561109	561903	560502	557985					
	559182	557359	556236	556593	557425	558103	554648	552473	553752	555931	559155	555710	557747	27.895	14.836	15.206	15.387
4	554711	555005	554650	549247	552689	549910	554663	552670	552352	551125	549157	547802					
	551605	548487	550401	550273	553977	553357	553146	552815	550516	551482	552705	555197	551998	27.927	14.818	15.213	15.376
5	554322	554342	552894	551960	550047	550436	548229	549005	548392	550492	552237	551955					
	551454	551362	552963	552977	554253	554633	554448	554770	552516	553471	553541	554578	552303	27.919	14.851	15.213	15.348
6	554689	556292	555103	555398	552613	553208	554149	553446	553072	554021	551896	550739					
	553185	551243	551428	553961	552471	552697	552913	551966	553804	552154	552081	554066	553192	27.885	14.851	15.220	15.373
7	555141	556687	556721	557278	557985	553611	553122	556759	554286	555114	557661	558045					
	554495	554686	555080	556794	556223	556871	558043	558803	557950	555881	558144	557676	556377	27.915	14.810	15.207	15.387
8	555987	556274	553513	556923	557905	558975	555453	558494	557968	557924	559376	559019					
	558636	557893	560647	557825	558072	559213	558359	555678	556472	558462	556505	557863	557643	27.881	14.849	15.244	15.344
9	555942	558172	557681	556724	558120	558379	557962	560646	559421	558693	559252	559303					
	555510	557744	558350	557860	559373	558575	558489	559520	561497	559459	561052	559008	558614	27.929	14.833	15.227	15.359
10	557487	556701	559853	558227	560701	556171	560043	559146	557079	558130	557078	557183					
	556895	556592	556197	556289	557111	556950	556376	556815	557198	557499	557655	558260	557568	27.880	14.804	15.235	15.374
11	556141	558176	558322	559079	558450	560462	557099	556787	558437	559530	556506	556335					
	557549	556454	556694	554068	553666	555586	553738	554090	554186	553398	554187	554845	556408	27.932	14.802	15.216	15.358
12	557072	556416	555871	556377	558413	557506	558126	558730	558003	554570	556824	557445					
	556191	556389	557981	556385	555762	554745	557498	556192	556160	555620	556627	555347	556677	27.939	14.836	15.192	15.374
13	555095	554390	555598	558018	555682	555797	556706	558768	558979	557823	558809	560688					
	557271	558360	557023	557646	556869	556895	555787	557167	556961	558480	557616	558820	557302	27.920	14.820	15.207	15.404
14	558259	556931	556647	557938	557781	557238	558070	559141	559238	556802	557000	558500					
	557061	557095	558246	558105	557696	558396	556712	556219	556058	558457	556179	555204	557457	27.922	14.850	15.192	15.375
15	557312	557171	557278	556338	556843	558103	559661	558582	558026	558384	558529	560501					
	555092	554689	559264	559368	556396	558189	559471	559238	559029	558195	560194	558608	558103	27.894	14.864	15.221	15.355
16	558385	558458	556408	558627	559502	559507	558226	558360	559328	557087	559530	558696					
	558563	556365	556804	555859	556915	559609	558301	559383	557719	557290	557248	558471	558224	27.910	14.834	15.203	15.364
17	558083	555715	558835	555752	556842	556245	555972	558899	555539	557567	559039	561128					
	559983	557566	559616	558465	558881	556953	557760	558338	560114	560754	559633	562223	558329	27.910	14.843	15.198	15.349
18	560451	558672	556761	556813	557689	556827	558282	556883	558434	558666	557417	560860					
	558802	557411	558836	556149	559029	557906	558781	556756	555761	557052	557028	556080	557806	27.879	14.843	15.215	15.377
19	555265	554518	555220	553630	554360	555926	555033	554526	557565	558141	558750	559206					
	560709	558080	558796	560469	556449	559369	558299	557865	557218	556996	554414	557649	557019	27.917	14.845	15.201	15.387
20	556383	556322	557428	557467	557784	557002	556978	559237	556184	559385	556702	556937					
	558035	554860	557317	557670	557969	559046	556274	558109	557938	556629	555413	556090	557230	27.951	14.844	15.229	15.341
21	556914	556665	557312	557102	555173	555754	555167	554893	554415	556980	557444	559998					
	559159	560765	559877	558662	559095	559250	555130	554701	556051	554967	552888	557705	556919	27.935	14.836	15.231	15.346
22	557003	557416	557904	555136	555916	556990	556918	556033	559476	558880	560761	559558					
	563017	558735	560948	559602	559149	559369	558402	558486	559022	558153	559512	556286	558445	27.921	14.822	15.243	15.357
23	558109	555902	556918	556007	556026	560305	558809	559835	558469	559150	557417	561202					
	560365	560199	560341	558947	559267	560048	559272	559020	557848	557150	556385	556993	558499	27.929	14.851	15.197	15.376
24	559713	561183	561429	559138	557571	559737	558790	559596	557805	557164	558117	560588					
	562759	560605	560344	558945	559534	561427	558775	559903	556138	555594	554908	557699	559061	27.928	14.836	15.212	15.375
25	554341	555420	557164	558069	555549	558097	558708	554768	555513	555478	556548	559526					
	557713	557742	558749	556227	557656	554214	554802	557379	555871	557313	556799	558137	556741	27.918	14.862	15.211	15.355
26	557375	558210	557520	557435	559211	557135	555351	554888	558046	557189	555642	558119					
	556809	558328	556292	558242	556955	557291	553597	557592	559208	557295	554710	556227	557028	27.931	14.837	15.206	15.366
27	555858	555868	555273	555661	558582	557237	557169	555826	556174	554873	557787	559521					
	558214	556246	556510	556361	557741	555891	557010	560661	559326	561376	558411	557220	557283	27.913	14.826	15.206	15.378
28	556918	555597	553539	556817	556348	556251	555600	558197	556644	555519	559073	558790					
	557683	558924	556014	556476	559403	557797	559048	558648	558878	557308	557213	555987	557195	27.939	14.836	15.227	15.373
29	556190	554610	557925	557918	556397	560029	557433	557044	558111	557107	556592	559241					
	556432	558076	559119	556904	556480	559242	557357	560357	558350	559024	558106	556343	557683	27.927	14.845	15.220	15.350
30	552936	558674	556062	558549	559079	557278	560904	560039	560172	560797	559249	559370					
	558618	560156	560472	560004	557895	558425	558363	558136	557004	558002	557688	558541	558601	27.918	14.829	15.213	15.367
31	555574	558338	557030	559599	558452	560427	557908	560987	561967	561156	562052	562558					
	559633	560969	562258	557365	558587	561333	559018	557536	558118	560067	558896	559481	559555	27.945	14.840	15.189	15.359
MONTHLY AVG	556611	556640	556697	556775	556982	556956	556896	557345	557165	557121	557402	558279	557145	27.917	14.836	15.214	15.367

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Pressure corrected data - September 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG	R1	R2	R3	R4
1	558236	558785	559487	561163	560766	559977	561446	562734	560121	558416	559304	560136	558551	27.913	14.851	15.207	15.336
	558983	558901	556955	554669	556821	554803	556608	556974	555957	556451	558552	558979					
2	556532	555227	556996	555890	557154	557967	560933	557979	560572	562359	564817	563387	559599	27.922	14.824	15.220	15.379
	563022	559852	563694	560747	561304	559805	558818	560848	561985	556053	557010	557423					
3	556889	557506	556902	557513	557895	558363	557391	559624	560692	559245	561170	561470	559572	27.917	14.870	15.208	15.349
	560449	562726	561768	560879	560231	560868	558683	561038	559830	559613	558903	560072					
4	560284	557375	557813	559256	562052	560843	561596	562078	561601	562125	562457	560252	559955	27.919	14.849	15.224	15.358
	561340	560173	561285	560222	561215	558659	557403	557012	558848	559038	557788	558206					
5	559741	559020	559820	558923	561837	561063	561327	559544	563026	563286	564776	564099	561594	27.903	14.852	15.204	15.373
	565240	562234	561619	561763	560585	562761	561575	559891	563257	560791	559972	562093					
6	563796	560792	559911	557459	559800	558596	559344	558509	556986	556986	558824	563124	559968	27.907	14.841	15.206	15.370
	561410	561827	563478	560842	561090	561874	561777	561383	561570	561029	561824	560544	560657	27.907	14.841	15.206	15.370
7	558283	559711	556876	557337	556691	555151	558177	555136	557864	556204	558069	559517	558434	27.912	14.858	15.241	15.348
	558572	561547	563193	561908	562697	558914	558743	557120	559442	558586	557199	555467					
8	555948	558246	556201	556256	556070	554262	555110	556494	556061	554264	555823	558692	557852	27.918	14.842	15.205	15.370
	558955	561649	561103	560250	559699	562190	561697	560461	559742	557770	556829	554676					
9	556736	555888	558072	557281	556826	560642	559321	558094	559259	560497	559550	558882	557935	27.918	14.856	15.215	15.363
	559541	560992	560748	559771	558711	559560	556549	556214	553227	554966	554302	554800					
10	552766	557801	556337	556099	556554	555198	558728	559913	558017	560812	559726	558975	557912	27.903	14.862	15.210	15.350
	558377	561343	559830	557194	558435	557830	559467	558360	558019	557632	557351	555114					
11	556407	555074	554563	553088	556643	555091	554779	555674	556779	557024	556145	558556	557494	27.940	14.863	15.217	15.336
	559594	563260	560098	561277	559376	559019	559652	558154	559116	555744	556723	558029					
12	553534	554437	553696	553956	554514	555865	557126	559300	558661	560032	559182	561335	557827	27.931	14.861	15.200	15.372
	557224	562081	561938	561916	562363	559843	559278	556270	557398	557771	553873	556248					
13	554853	554124	553421	555620	556252	556733	559037	556727	558851	561475	558710	559150	558605	27.931	14.851	15.210	15.350
	560240	563081	562549	559439	561034	561027	559907	561730	561303	557766	558061	555425	558605	27.931	14.851	15.210	15.350
14	555932	558253	557895	557115	557731	559435	560028	561595	561774	561292	560949	561473	559942	27.958	14.815	15.214	15.336
	560651	562280	559189	561819	563275	562650	561146	559470	559249	556536	560456	558405					
15	560091	559355	557375	559229	555993	557112	559861	561014	561513	561401	560456	560537	557877	27.936	14.830	15.221	15.355
	561499	560638	560637	557273	556249	554600	555611	554155	552992	554891	553470	553087					
16	555346	556094	554913	555342	555678	553674	553546	554597	553450	551203	549730	550682	552424	27.926	14.853	15.235	15.355
	550078	550517	550437	550676	551818	551510	550319	552416	551754	549808	552426	552150					
17	549621	550874	551077	552157	554312	554054	555187	550485	553546	553253	552629	554232	552756	27.907	14.825	15.227	15.358
	553133	552654	552362	551135	551113	551807	552634	554220	555288	553077	553480	553818					
18	552494	552482	552553	554359	553820	553081	554132	553017	551201	554239	553458	553112	553609	27.932	14.843	15.225	15.336
	554933	552620	552041	553257	555145	552485	554244	557124	553594	554037	554602	554587					
19	553802	555104	555556	556376	552768	554540	551989	556836	553641	553884	556052	555865	555685	27.924	14.843	15.225	15.338
	556190	556511	556595	555393	552973	558351	557988	557456	556226	557492	557348	557497					
20	556722	556600	559071	558018	559094	556558	557379	555587	559349	556537	557135	558148	557052	27.890	14.859	15.230	15.358
	556679	558213	556740	556050	557148	555412	558817	556209	555821	556656	555092	556201					
21	555972	556355	555750	554340	556537	556019	556316	558138	557227	559374	557422	556539	557016	27.904	14.844	15.233	15.352
	558546	558272	558739	556941	558482	555566	558107	555894	556092	558930	557293	555536					
22	556384	559673	555554	556629	557034	559846	557799	560653	559982	559320	563819	560467	559108	27.976	14.822	15.197	15.343
	562115	557449	559918	561783	557418	558879	558438	559421	560478	559596	558107	557819					
23	555855	552119	558831	557886	557453	557478	558827	558638	557955	559489	558951	559585	556997	27.958	14.871	15.208	15.349
	559382	559677	558279	554545	556054	555231	554814	556460	555434	555354	555343	554294					
24	554731	557662	555191	553412	554162	555438	557832	558159	559903	558806	559266	558989	557858	27.953	14.837	15.197	15.366
	561025	562757	560506	558824	558429	559076	558720	557626	557774	558204	556575	555524					
25	552748	556214	557520	556643	559119	554998	557496	559491	558674	559401	557807	558291	558651	27.914	14.859	15.215	15.365
	559193	560162	562002	561150	561913	559878	559779	559066	558896	558836	557199	561149					
26	557902	560637	556780	557587	559064	555845	558665	557347	558904	556802	558661	558157	558714	27.904	14.851	15.229	15.337
	560718	558237	560516	560865	562451	559606	561767	557260	560125	558429	555931	556884					
27	556673	559020	557503	557647	557465	558431	558292	559775	557052	558531	560043	557728	558627	27.929	14.851	15.207	15.375
	559278	560431	559305	558613	559816	557067	559614	558467	560497	557395	559214	559197					
28	555998	558312	554387	555685	555676	556129	556839	557049	558654	558128	556400	559419	557764	27.911	14.841	15.192	15.383
	560696	560424	561357	558058	557703	558236	557850	558303	558049	556614	558056	558302					
29	558807	560595	556262	557404	558754	556826	561865	558870	561058	560783	559568	561765	559726	27.937	14.831	15.209	15.356
	558960	560381	562985	560814	561023	560998	560993	560060	559886	558931	557350	558495					
30	558820	557249	559014	559094	560322	558228	559996	559403	560146	560862	562372	563733	560172	27.917	14.838	15.234	15.368
	559516	560832	560599	560126	561188	561114	561286	560518	558851	559973	558703	562189					
MONTHLY AVG	556397	557019	556511	556625	557268	556915	558012	558082	558417	558596	558919	559105	557999	27.924	14.846	15.215	15.356

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UT	1	2	3	4	5	6	7	8	9	10	11	12	DAILY				
DAY	13	14	15	16	17	18	19	20	21	22	23	24	AVG	R1	R2	R3	R4
1	560084	559884	559579	560134	560343	559251	559268	562938	561488	560651	560947	561013					
	561914	559894	562329	560946	562363	559213	558965	559274	557206	556572	558726	558530	560063	27.905	14.839	15.221	15.378
2	557869	559189	559690	561146	558495	559522	560323	561197	560563	559730	561096	561379					
	560625	561635	560033	560817	558065	559001	559760	559678	561168	561047	559907	562332	560178	27.938	14.843	15.196	15.352
3	560860	558319	560177	560639	561798	561295	561893	561546	562239	559625	560544	559191					
	558674	559693	559440	561018	561429	562154	561590	562408	561516	561653	560512	561234	560810	27.925	14.863	15.199	15.353
4	562137	561300	559767	562324	561726	560340	563228	561671	562622	561527	561629	563039					
	562654	562462	560380	559730	561358	562896	562148	559878	560216	561852	560832	561207	561538	27.892	14.876	15.221	15.343
5	560976	559577	559655	560278	561904	562013	560862	562926	564329	562111	565111	563299					
	562610	561744	563080	559230	560800	558528	555011	559047	554478	554678	555028	554247	560064	27.962	14.829	15.229	15.362
6	554910	556481	556799	558333	558934	555671	559483	560690	556762	560244	559522	558725					
	558892	558252	559067	558683	555895	559366	557765	557421	557779	557585	559296	557543	558296	27.928	14.812	15.231	15.328
7	556861	556234	557287	559995	557419	559796	557980	557946	561192	559234	561117	558581					
	559822	558053	558454	559286	558275	557360	558010	554849	556010	557394	557753	557973	558203	27.962	14.837	15.231	15.339
8	559854	559347	557807	557296	559386	559602	560950	557761	558308	558846	559751	560114					
	560474	559869	560668	559649	559115	559470	561267	562221	557768	557288	557371	558904	559295	27.903	14.867	15.228	15.369
9	557410	557367	557927	560780	560171	561465	561086	560533	561761	560416	563153	563244					
	563583	563033	561909	562533	562657	560750	562038	561012	560168	563614	560474	561585	561195	27.949	14.847	15.195	15.368
10	561182	561159	560970	562762	561338	562187	561905	564334	565921	562720	563993	565821					
	565608	564669	564979	564691	563676	562581	564111	562395	562293	562602	560807	564111	563201	27.905	14.826	15.223	15.376
11	561807	561607	563171	563162	563489	560406	560314	561387	562385	562182	559734	562239					
	562353	563920	564985	565655	565677	565918	565614	566338	563641	563230	562628	562674	563105	27.947	14.850	15.217	15.363
12	564353	563870	562740	562986	560881	560169	558584	561023	562291	560293	561731	559840					
	560950	560246	561643	560966	559428	559726	561021	561287	561580	561584	559957	560102	561136	27.929	14.841	15.229	15.353
13	558143	557176	557428	557135	558680	560411	560824	558476	557899	556822	556233	558339					
	559180	557614	559604	560582	559175	557901	557316	557343	560038	560361	557034	557498	558384	27.925	14.837	15.213	15.378
14	555347	554215	556062	555723	558617	559824	559470	560822	559020	557954	559713	559351					
	560807	560269	561128	559873	560304	557299	559573	558746	556216	559618	561254	556217	558643	27.902	14.820	15.234	15.366
15	556646	555543	558704	556555	556138	557978	557577	558466	558347	558027	556540	560235					
	561276	562380	561533	561050	560778	558800	559440	563568	561394	562706	562916	559205	559408	27.883	14.848	15.240	15.359
16	559944	561352	559110	558719	561443	557359	559994	558954	560805	560326	561459	558914					
	559748	558958	558478	560177	560532	558731	562174	561864	561069	562331	561616	558666	560113	27.895	14.870	15.214	15.352
17	556885	557139	558238	555854	558199	559176	558160	558805	560963	561451	560747	560454					
	560112	557249	560130	558197	557142	559680	557558	559183	561514	560279	558681	559548	558973	27.922	14.824	15.186	15.390
18	561223	559515	560804	560457	559586	561091	562495	562995	561729	562467	561920	561657					
	563114	559127	558809	560492	560861	562404	559413	559342	564287	563585	561249	562739	561307	27.930	14.831	15.204	15.373
19	563071	560860	560036	559402	563055	563091	561923	564223	563593	562061	561132	562122					
	560030	560497	562369	559466	559517	560101	558806	559082	558765	560119	558757	558248	560847	27.929	14.824	15.243	15.366
20	559093	558954	559652	560108	558272	556545	559515	559716	559627	562322	563010	560738					
	562743	561543	563236	562193	562506	560478	560195	560322	557529	561071	558352	559374	560296	27.900	14.844	15.233	15.351
21	560644	559474	559344	559299	559449	559239	558891	560731	559641	560913	560197	562924					
	559384	559861	559077	561802	559180	559648	559343	558514	558181	558301	557950	558530	559605	27.914	14.823	15.215	15.372
22	557852	559543	558207	560600	561322	556463	558631	559137	558259	559327	558608	559232					
	558895	560316	559318	560512	559021	558314	560464	559087	560591	558954	558881	557952	559145	27.926	14.831	15.258	15.349
23	560305	561321	557402	557579	555000	554962	554757	556119	559294	556907	558063	554963					
	556282	557707	558120	556652	558939	557322	557758	556656	557172	554151	556120	555787	557056	27.882	14.826	15.230	15.360
24	555552	555030	552971	556994	555481	557297	554948	555653	554174	556287	555425	557322					
	555718	558878	557551	559143	556923	559976	557516	556350	556496	552931	553857	553701	556091	27.898	14.824	15.220	15.369
25	553429	555545	555536	554875	556240	556295	556259	552980	554673	553809	554515	555341					
	555743	557979	559446	557913	555932	557502	555760	558002	558208	557201	557571	557662	556184	27.880	14.842	15.214	15.397
26	556717	557474	558374	557149	555681	556509	556117	555732	557002	555991	556383	557440					
	555677	556920	557315	558130	555769	556471	561145	559188	559278	556919	557179	558671	557218	27.961	14.824	15.204	15.343
27	558467	557309	559080	558204	558870	558081	557708	556545	556850	555397	556321	558233					
	556701	560123	555864	556570	556877	559359	558807	558469	558417	558536	557850	557028	557736	27.956	14.833	15.197	15.348
28	559729	558624	560345	557698	557559	559213	556343	554195	555062	553594	556018	555649					
	555632	556989	558002	554469	560668	558467	558348	559081	557309	560301	559517	558116	557539	27.954	14.793	15.201	15.375
29	557512	558730	556622	558754	556724	556127	556373	557623	555821	558111	560897	559875					
	560010	559001	559132	562974	560729	560390	561010	562883	558796	559636	558444	559330	558979	27.920	14.851	15.197	15.356
30	558090	557200	557146	557216	557101	558541	559432	559863	557081	558933	559576	559770					
	558808	557911	558034	559447	559625	557941	558464	556724	552130	551724	551866	551127	557240	27.918	14.833	15.214	15.362
31	554196	553087	554312	553003	555923	557796	558042	556809	559381	556586	559814	556842					
	558077	557672	556910	553393	552869	550562	549365	548863	549326	548619	547697	550152	554137	27.919	14.853	15.201	15.338
MONTHLY	558747	558465	558547	558876	559007	558958	559140	559413	559809	559189	559835	559867					
AVG	559874	559821	560033	559879	559551	559300	559347	559325	558727	558918	558390	558387	559225	27.921	14.837	15.217	15.361

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)

Pressure corrected data - November 2010

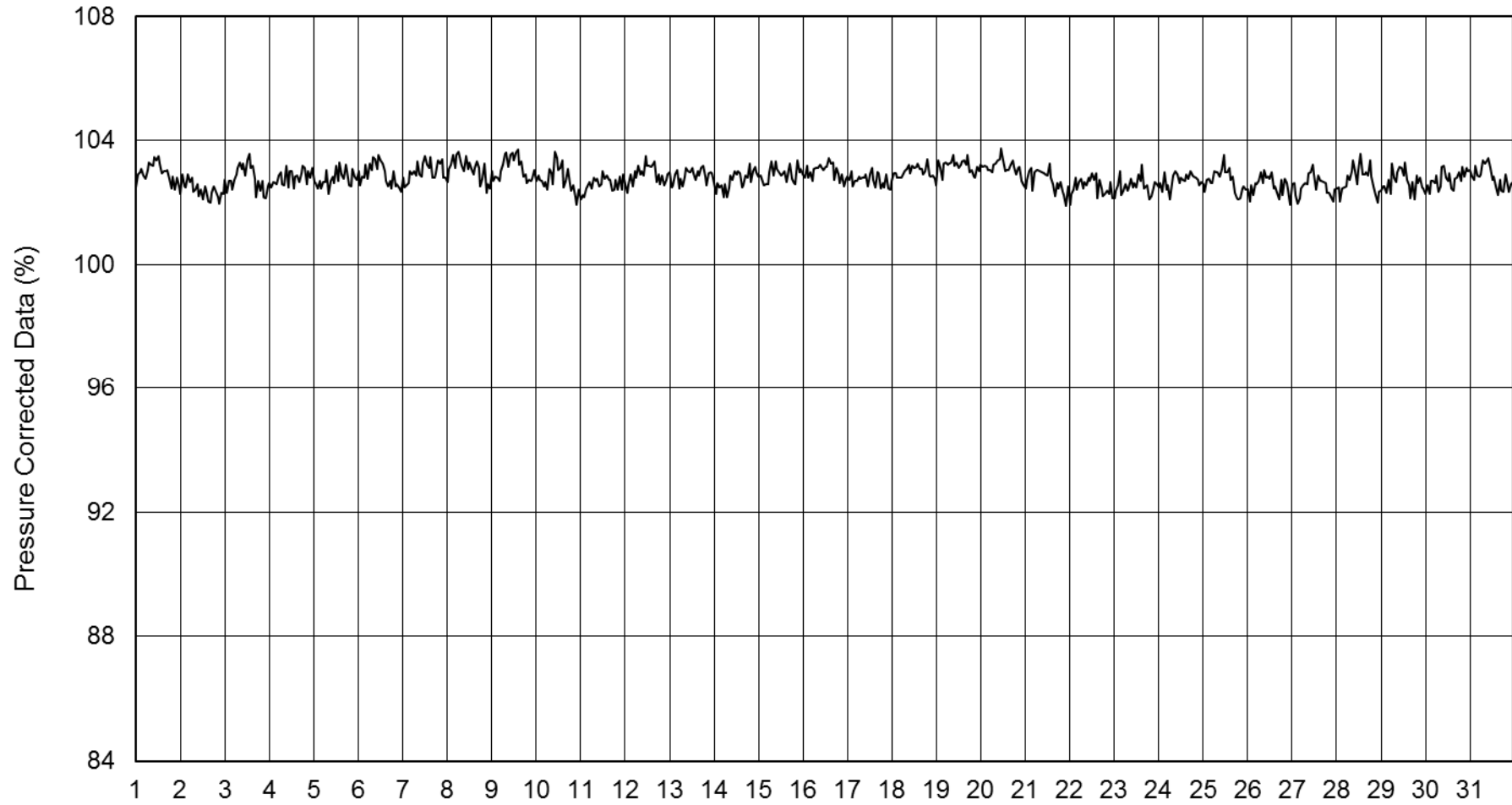
UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG	R1	R2	R3	R4
1	551346	551891	553666	554746	554744	554949	554479	554684	553468	554175	555068	554833					
	551767	552387	552019	552818	550820	549728	548214	548591	548669	553236	552768	554647	552655	27.929	14.806	15.223	15.387
2	555825	555240	556124	556403	554467	554349	555569	553025	556423	559074	555522	556397					
	555944	557839	553591	552853	552256	552926	553663	555071	553907	554960	555966	555525	555122	27.917	14.834	15.214	15.367
3	554278	555113	553892	555820	556113	553107	554811	556607	554498	555599	555893	556175					
	557623	557723	558231	558092	559411	555277	556133	554432	553774	555540	556873	555775	555866	27.948	14.838	15.221	15.367
4	556074	555777	557350	555086	555821	558213	553299	553938	555303	555419	556117	557640					
	558345	558250	557732	556524	555391	556156	554162	558834	558229	554827	554974	554618	556170	27.936	14.806	15.225	15.374
5	553340	554443	554632	554779	554505	552929	553785	551796	554731	555997	557760	557800					
	558750	557147	555495	558126	556584	556800	556142	553932	557743	555691	553923	554685	555480	27.935	14.832	15.211	15.357
6	556423	554885	555198	554515	556042	555145	555586	557303	556093	555178	557139	561535					
	559764	559306	558511	558634	558307	557317	558869	556098	559555	556168	556647	556405	557109	27.924	14.833	15.226	15.358
7	555054	558581	556570	556581	557487	555793	556686	558337	559295	554284	559488	557171					
	558332	559469	559873	559893	560138	559900	559297	558491	559317	558336	559284	555260	558038	27.923	14.855	15.210	15.370
8	556795	558608	558512	558272	557812	558394	557853	558748	556081	557209	556514	556980					
	558163	560012	561320	559859	560005	559939	559581	559612	558334	558548	558303	557761	558467	27.904	14.832	15.231	15.355
9	557943	558380	559553	555980	559981	559080	558400	556056	557369	560228	558068	561461					
	561310	559499	559824	560078	559329	558751	559575	556373	558309	554344	554187	555853	558330	27.909	14.823	15.204	15.370
10	557223	555587	554563	556690	557166	556950	557061	559823	559421	557723	556841	559717					
	557923	558549	555020	557206	558411	560034	556163	555224	556806	556596	555391	556657	557198	27.930	14.825	15.237	15.362
11	555994	554566	556046	554824	555028	555478	555353	556136	556011	554168	555930	556576					
	555676	557542	557814	558129	555558	555236	555790	554584	558706	557851	558630	557437	556211	27.914	14.837	15.205	15.363
12	554082	556849	555632	553727	557307	554686	552599	554808	557835	557560	556245	555074					
	556798	554307	558718	556226	555101	553089	557329	555260	555563	554643	555797	552918	555506	27.923	14.814	15.224	15.367
13	556893	557531	557458	555358	557107	554826	554309	557429	557780	557796	559870	560409					
	558073	559114	555105	556472	555630	556245	554608	555417	556350	555508	555966	557231	556770	27.916	14.828	15.191	15.360
14	556255	556277	555113	555347	556090	555952	556041	556575	557295	557079	556666	557072					
	558047	556252	558742	556106	555238	554604	552288	553054	552750	554929	555258	554068	555712	27.905	14.811	15.210	15.366
15	553028	551914	553329	553015	551572	551975	554098	553860	551148	553022	555315	554534					
	553768	554673	556017	553421	553172	554484	554885	553418	555278	553686	555388	552431	553643	27.902	14.871	15.217	15.338
16	553407	554954	554027	552101	552368	555115	554301	556219	552837	552317	552841	556492					
	553514	553604	554166	556237	553662	556072	558262	556231	555751	555851	554691	555966	554624	27.911	14.845	15.231	15.354
17	557847	557788	556146	554452	556077	556049	555858	558380	557216	554290	556053	555440					
	556018	555322	557155	558575	555798	556281	554012	556892	555814	553455	555700	552231	555952	27.909	14.872	15.186	15.381
18	554023	552862	553316	555134	555694	555316	556734	557071	556805	555086	557406	556526					
	553098	555867	554552	553377	555210	554057	554085	550698	551602	553309	553265	553147	554510	27.915	14.830	15.204	15.350
19	553105	554196	551739	554499	554451	553888	554641	555439	555705	554603	557246	556576					
	557449	558148	555119	554848	555308	554257	553741	555021	551949	554564	552888	552597	554666	27.960	14.827	15.183	15.344
20	552602	551969	552171	553155	554824	552495	551614	553482	552373	553956	553942	553008					
	551479	553955	555142	552355	555215	553784	554725	552420	550618	553750	551756	550304	552962	27.895	14.847	15.215	15.374
21	551150	553299	552753	552374	553275	551321	554793	553393	553331	551528	552664	552259					
	554817	552349	554389	553542	555114	555126	555084	554715	555309	555562	551554	555156	553536	27.932	14.814	15.226	15.352
22	554411	554957	554550	555352	555939	555920	555794	556649	553885	554752	556162	555406					
	554937	552773	554092	556266	554718	556825	557535	555786	555019	556715	555056	553125	555276	27.863	14.839	15.217	15.374
23	556487	554149	553488	554283	552748	553752	552898	555452	553317	552282	553738	555476					
	553672	554420	554180	557394	559461	557892	555720	554873	557136	557654	557503	555997	555165	27.861	14.812	15.243	15.379
24	556421	553512	554735	555603	555228	555216	557091	556118	556481	556362	553792	555275					
	554307	557888	554817	555325	552678	554373	553123	550903	554647	554786	552729	553887	554804	27.881	14.848	15.234	15.378
25	553970	554418	556747	554677	550946	554198	554255	552122	555210	554499	553274	553140					
	554513	552711	552035	555041	552150	555176	554117	553496	554726	554866	555083	553625	553958	27.893	14.837	15.212	15.380
26	553463	552951	551824	552632	552309	554462	553780	553100	552291	556215	554644	554104					
	554045	556768	556630	555925	555605	556445	556850	555909	556006	556167	555732	555797	554736	27.925	14.841	15.250	15.326
27	553040	554437	554130	554980	553472	554041	555528	552551	554202	551190	554982	553958					
	555891	554910	554666	555732	554168	552736	557123	556098	552029	552772	553187	551104	554039	27.905	14.837	15.206	15.362
28	552803	550008	551733	551387	549653	550930	551528	551387	551734	552708	552881	552426					
	550620	551266	549751	550914	549745	551064	549813	552332	551792	550130	551022	551727	551223	27.910	14.840	15.218	15.374
29	551977	552518	549714	551013	552231	550082	551716	551969	550898	554232	552365	556392					
	553297	552550	554768	555041	554784	550861	551261	549936	551635	550618	549737	547747	551973	27.904	14.847	15.213	15.362
30	549995	550869	548679	548262	550691	551288	552078	551911	553859	551880	553360	553208					
	552649	553265	556391	551685	551812	552979	549114	551256	551670	549247	551125	550522	551575	27.916	14.842	15.221	15.362
MONTHLY	554508	554618	554446	554368	554705	554530	554751	555146	555097	555014	555593	556102					
AVG	555686	555929	555862	555890	555359	555280	555042	554499	554966	554810	554679	554140	555043	27.913	14.834	15.217	15.364

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)

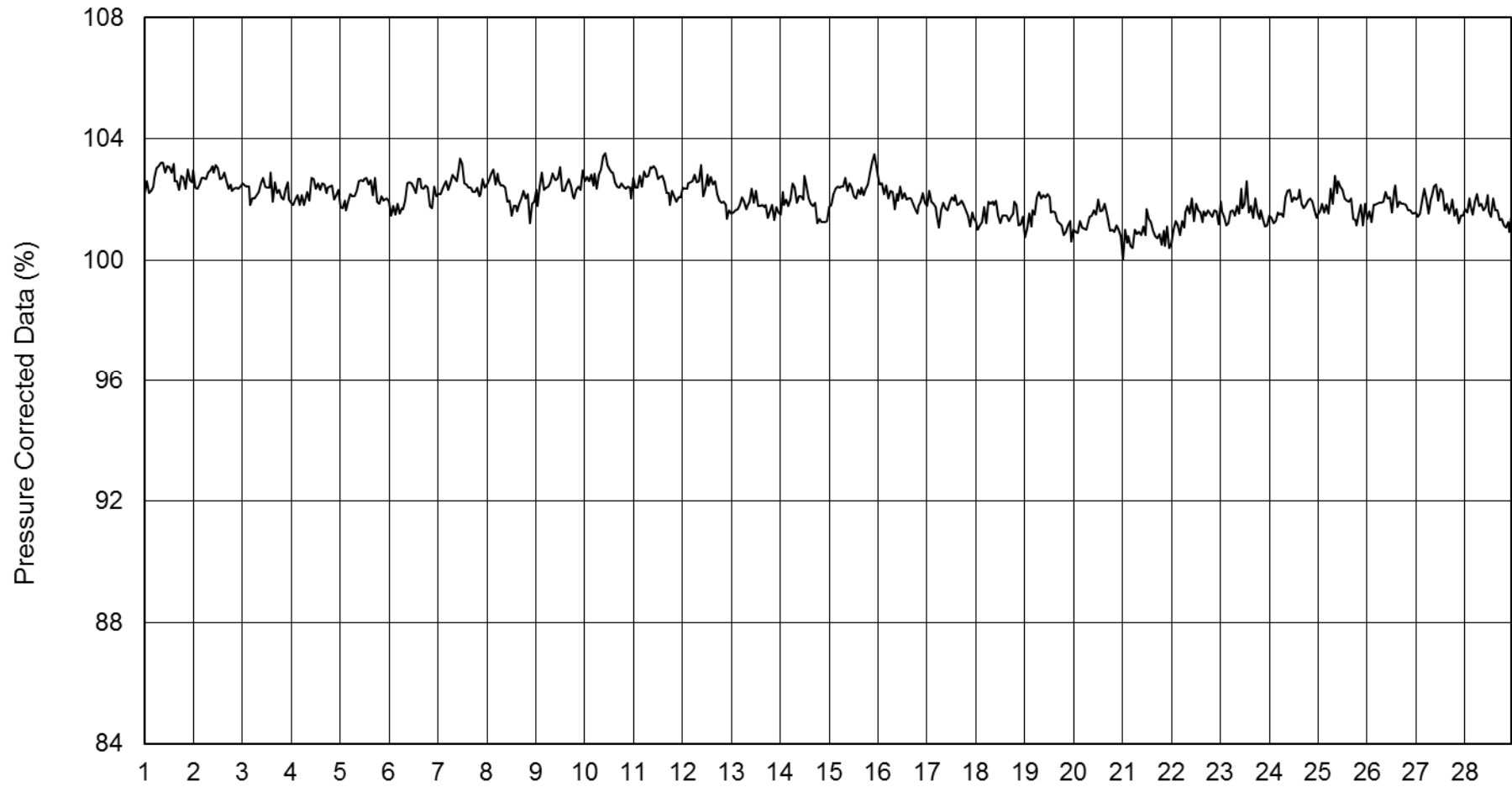
Pressure corrected data - December 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG	R1	R2	R3	R4
1	551554	552444	550651	551421	550624	551607	551606	553996	552979	553547	553939	552797	552563	27.885	14.855	15.249	15.352
2	550885	551626	549900	550349	552931	554824	553718	554758	555472	558283	557484	555676	553609	27.876	14.825	15.229	15.375
3	550139	552088	551980	550760	549964	552240	552895	554221	553824	557248	551814	555392	553525	27.881	14.825	15.237	15.389
4	552086	550276	554916	553341	555023	554866	555134	556524	556193	555105	556844	556785	554590	27.905	14.844	15.223	15.366
5	551524	551772	550382	552013	551079	553638	555055	553695	555898	556555	555011	553647	552648	27.930	14.837	15.222	15.366
6	552506	551897	550134	550175	552090	552749	550489	552870	552868	552273	553323	552281	551503	27.892	14.829	15.255	15.368
7	551321	548244	550691	548410	550411	550589	549129	552509	551158	549661	553171	551030	551882	27.914	14.850	15.230	15.353
8	555760	551571	552544	553226	553574	551941	551572	552877	552207	552288	554937	552634	553281	27.905	14.855	15.204	15.375
9	552500	551864	550126	555273	551453	551562	552545	552113	555142	553537	553466	552364	553687	27.877	14.828	15.240	15.368
10	553619	554208	554428	555384	555093	555863	555690	556094	555092	559194	557917	556831	556618	27.906	14.861	15.213	15.374
11	556020	555928	555046	558651	557384	556739	557406	558962	558366	558038	556430	561268	557321	27.926	14.851	15.241	15.333
12	555208	552817	554640	555611	555190	555684	555513	555808	557182	558819	556924	559305	555853	27.880	14.844	15.226	15.373
13	554074	554282	552202	553636	555541	556718	556645	556685	555331	555726	553278	556904	556001	27.933	14.818	15.203	15.379
14	554566	553938	551373	552910	551848	553757	553044	552086	554024	552559	550825	553735	553582	27.896	14.826	15.259	15.370
15	553472	552657	551571	553810	551403	550346	555753	553113	556300	554804	550759	553403	554195	27.913	14.824	15.243	15.353
16	552863	556071	551039	552856	552239	555167	554910	555846	556237	557200	558025	558190	556034	27.906	14.807	15.238	15.341
17	557513	556295	556078	554769	555839	556553	556661	556659	559221	555892	558072	556309	556499	27.913	14.844	15.241	15.359
18	554102	551967	553963	553084	549327	551871	554185	553593	551521	552838	556250	553503	553295	27.979	14.790	15.224	15.365
19	552313	552386	550422	552906	553149	550144	551348	553386	552598	552713	553891	555352	553487	27.902	14.837	15.223	15.406
20	551719	552365	553301	553632	551518	553126	552704	553356	555054	554872	554405	557142	553614	27.919	14.840	15.234	15.372
21	549780	550429	549691	552033	551711	549349	552468	555173	555032	555206	554508	556009	553922	27.921	14.820	15.231	15.370
22	553042	553104	552921	552356	553574	552822	554852	555070	555814	556853	557651	558695	554752	27.915	14.821	15.233	15.365
23	552738	551399	553927	555182	554027	557293	553841	554633	557125	556382	558946	559488	555997	27.858	14.833	15.250	15.417
24	552322	553498	554989	554864	553116	556080	555141	555782	557432	556852	556292	559152	556532	27.929	14.816	15.227	15.343
25	557366	556545	556243	556290	556273	557921	557963	554875	558064	557427	558517	559976	557301	27.863	14.833	15.246	15.375
26	554670	557942	555228	557150	555915	555703	556480	554520	556464	557300	556963	559401	556911	27.859	14.846	15.240	15.374
27	558013	554126	556395	555759	555794	556495	556999	557415		558564	557029	557389	557147	27.906	14.840	15.272	15.357
28	556047	559362	556685	556906	553499	555944	556214	555842	555656	555192	555859	553771	555444	27.900	14.840	15.255	15.352
29	555302	553181	553133	555517	556196	553758	554235	556708	555790	555557	554260	557033	555182	27.956	14.825	15.206	15.377
30	557836	554301	555405	556994	556513	557109	556684	555224	555848	554829	555695	556142	555724	27.900	14.870	15.215	15.350
31	554060	555766	552099	553403	556939	555563	555394	557690	555101	556055	559028	557189	556142	27.927	14.846	15.224	15.374
MONTHLY AVG	553707	553366	552971	553828	553524	554130	554396	554906	555300	555528	555533	556090	554801	27.906	14.835	15.233	15.367

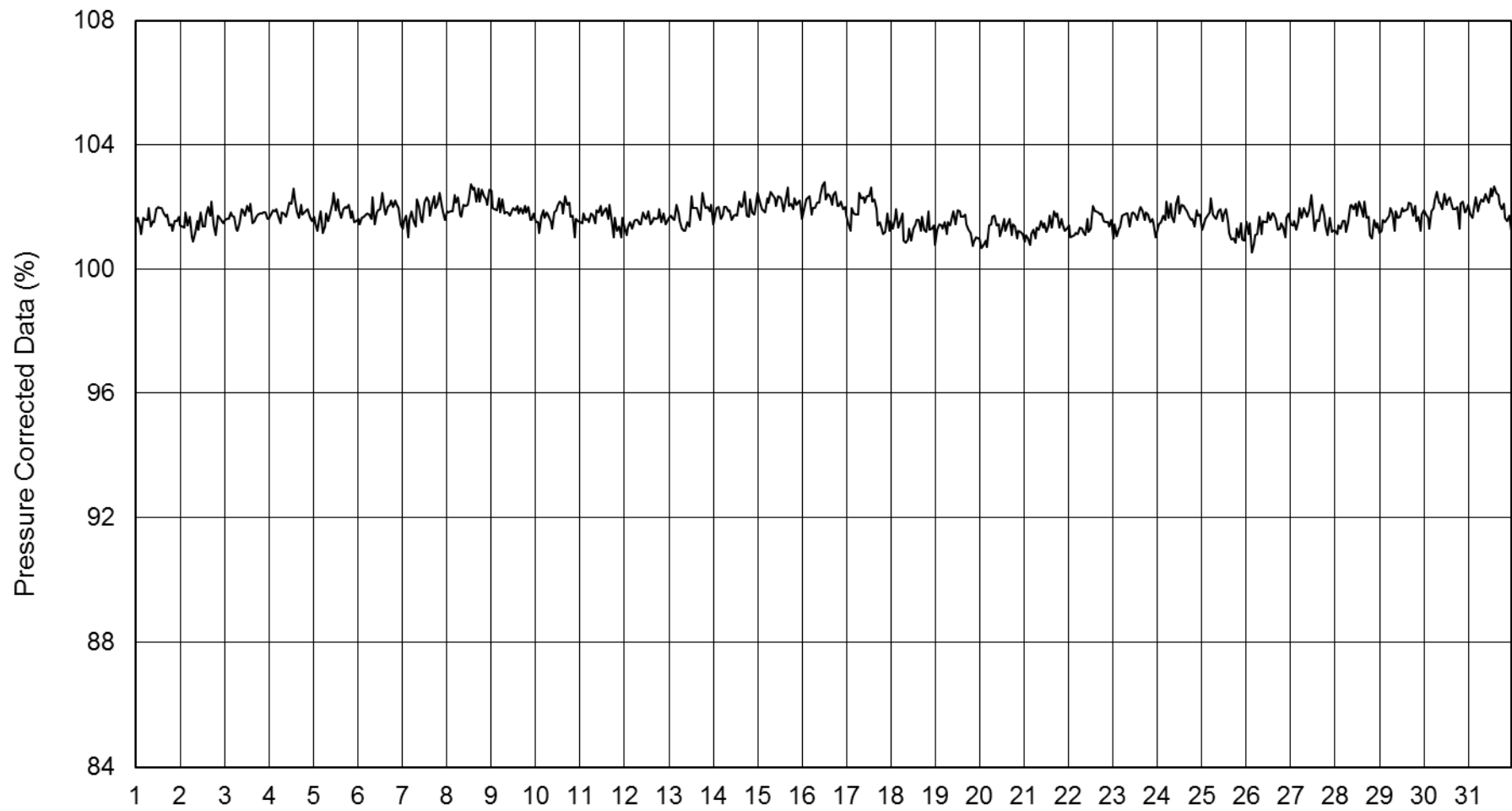
S.V.I.R.CO. Observatory - Pressure Corrected Data - January 2010



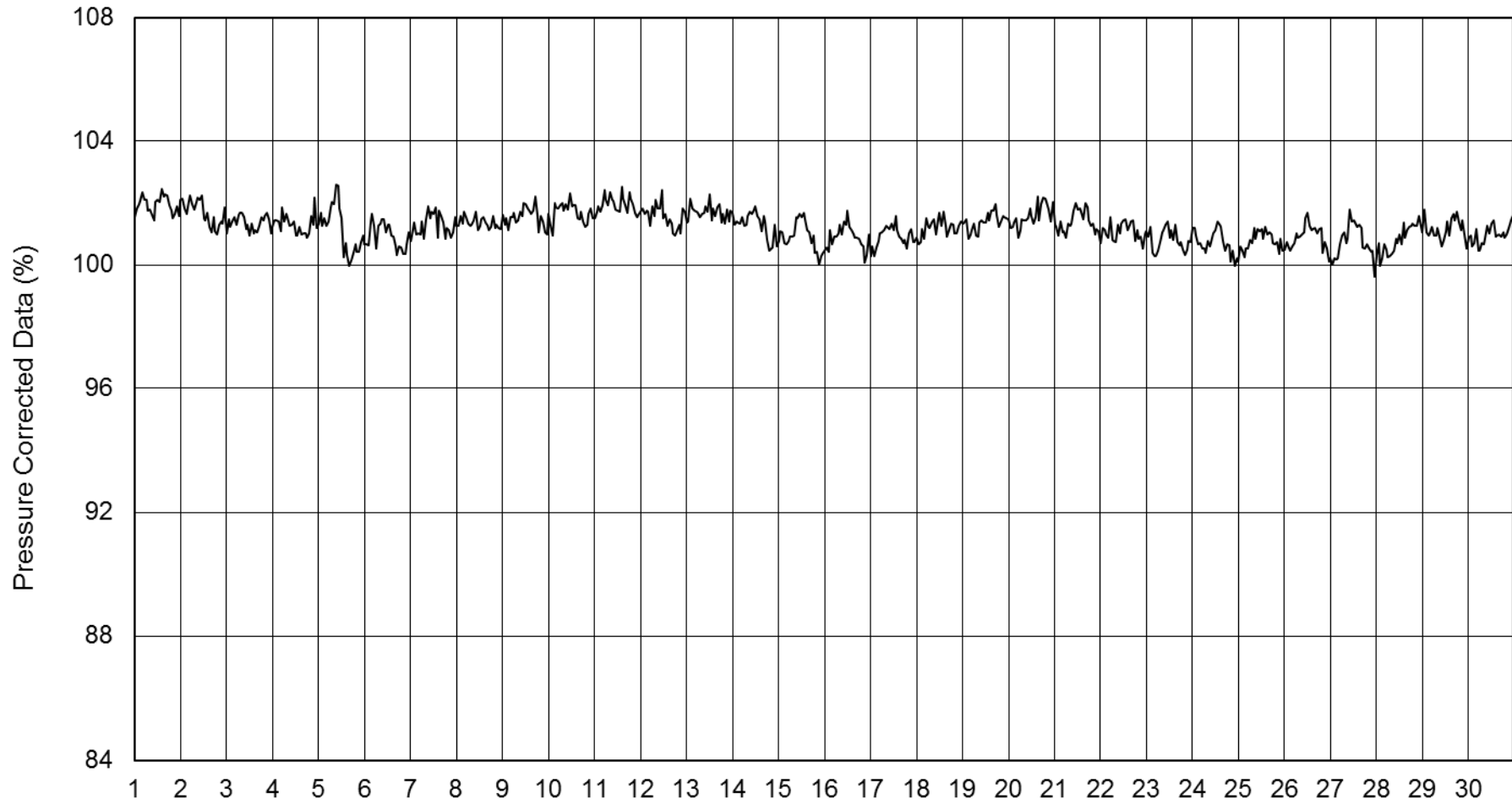
S.V.I.R.CO. Observatory - Pressure Corrected Data - February 2010



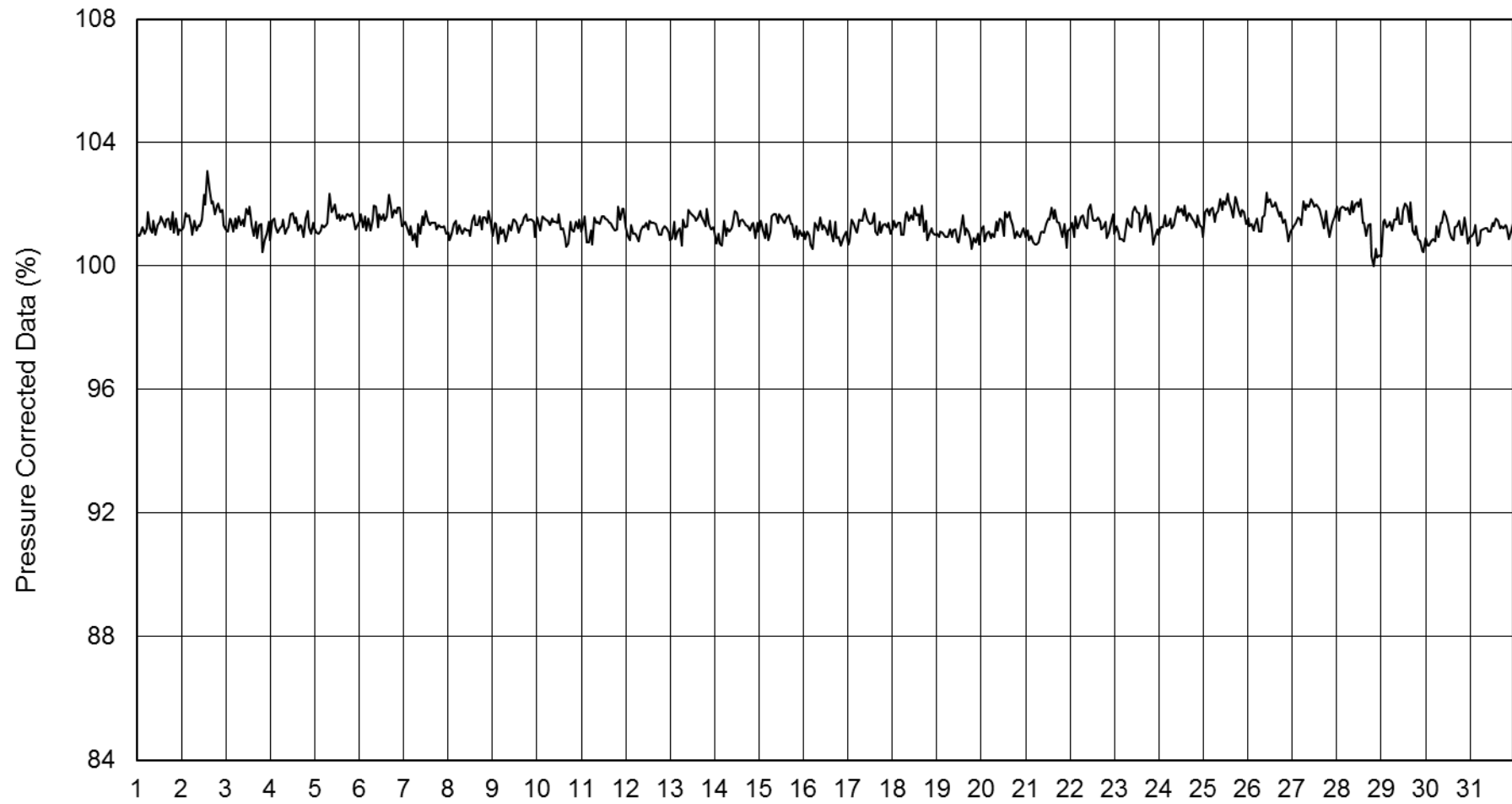
S.V.I.R.CO. Observatory - Pressure Corrected Data - March 2010



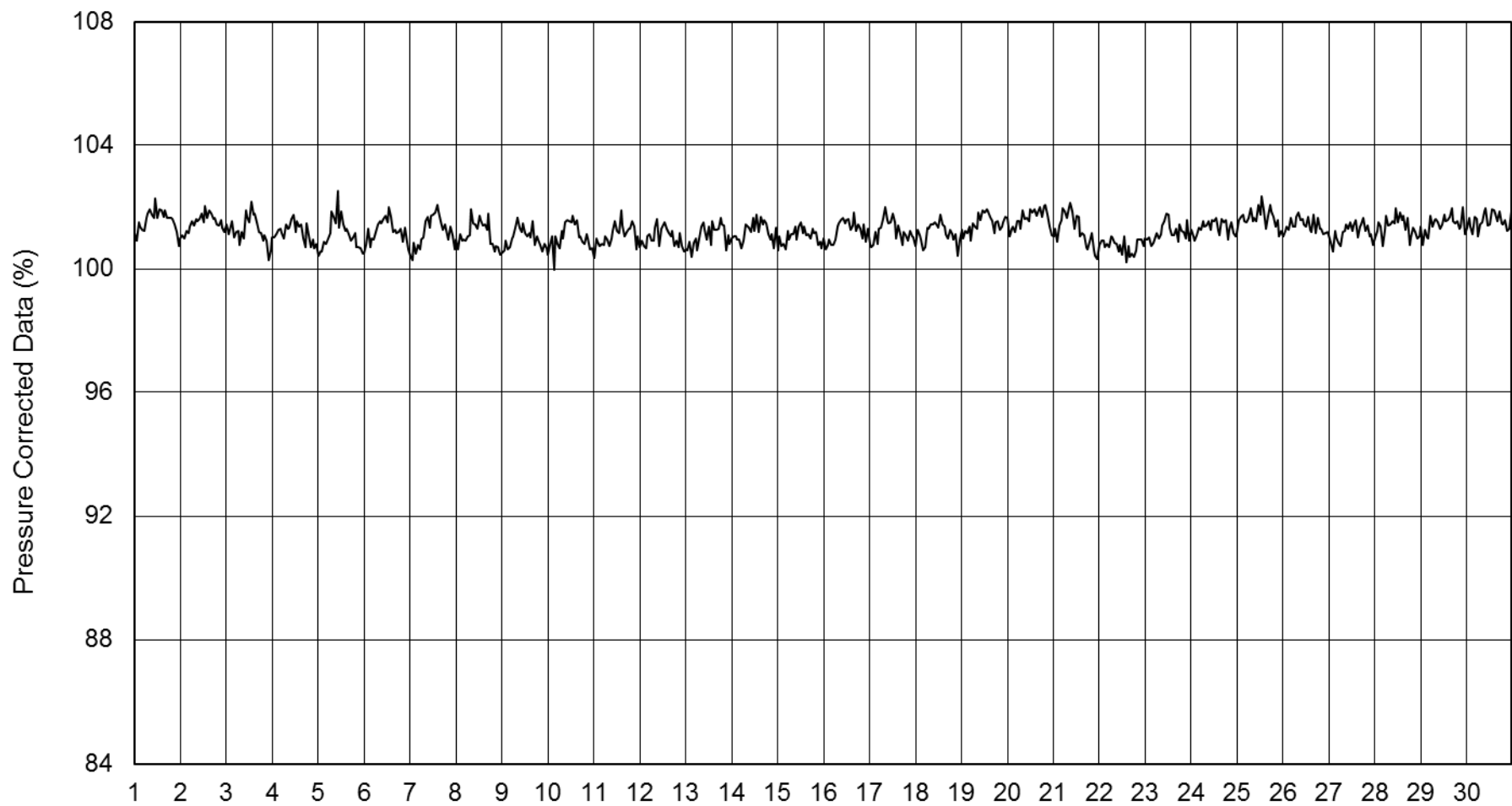
S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2010



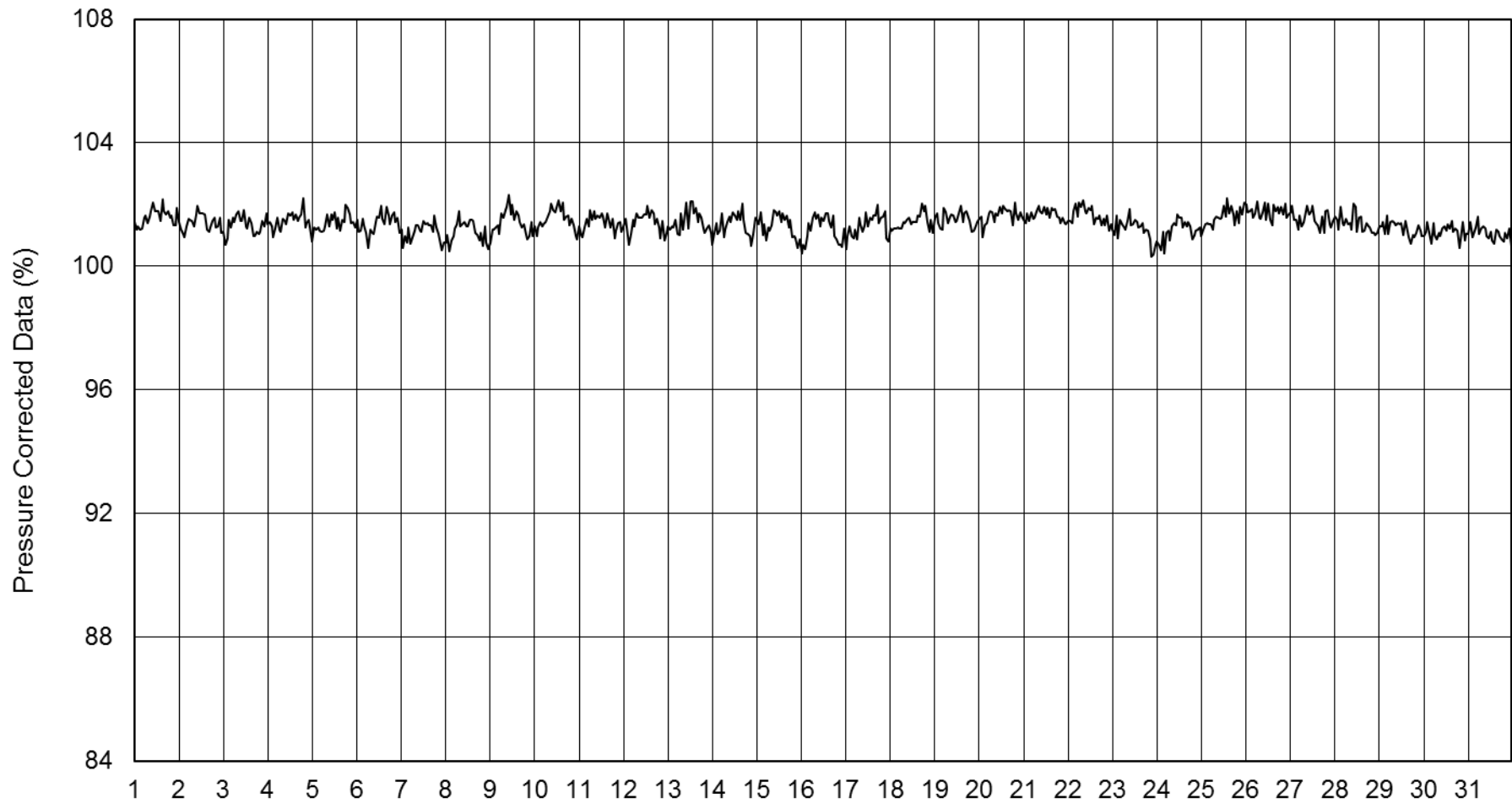
S.V.I.R.CO. Observatory - Pressure Corrected Data - May 2010



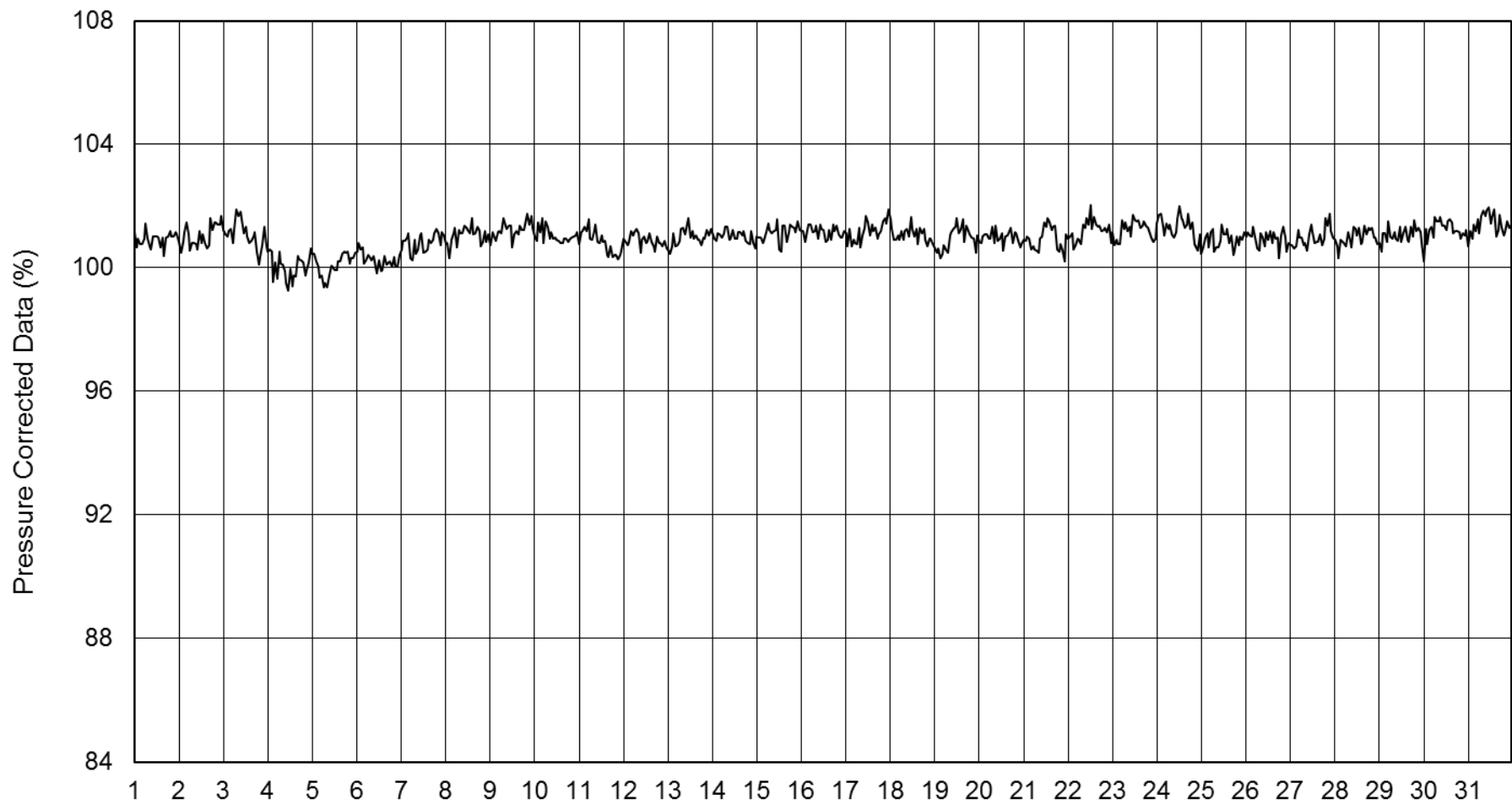
S.V.I.R.CO. Observatory - Pressure Corrected Data - June 2010



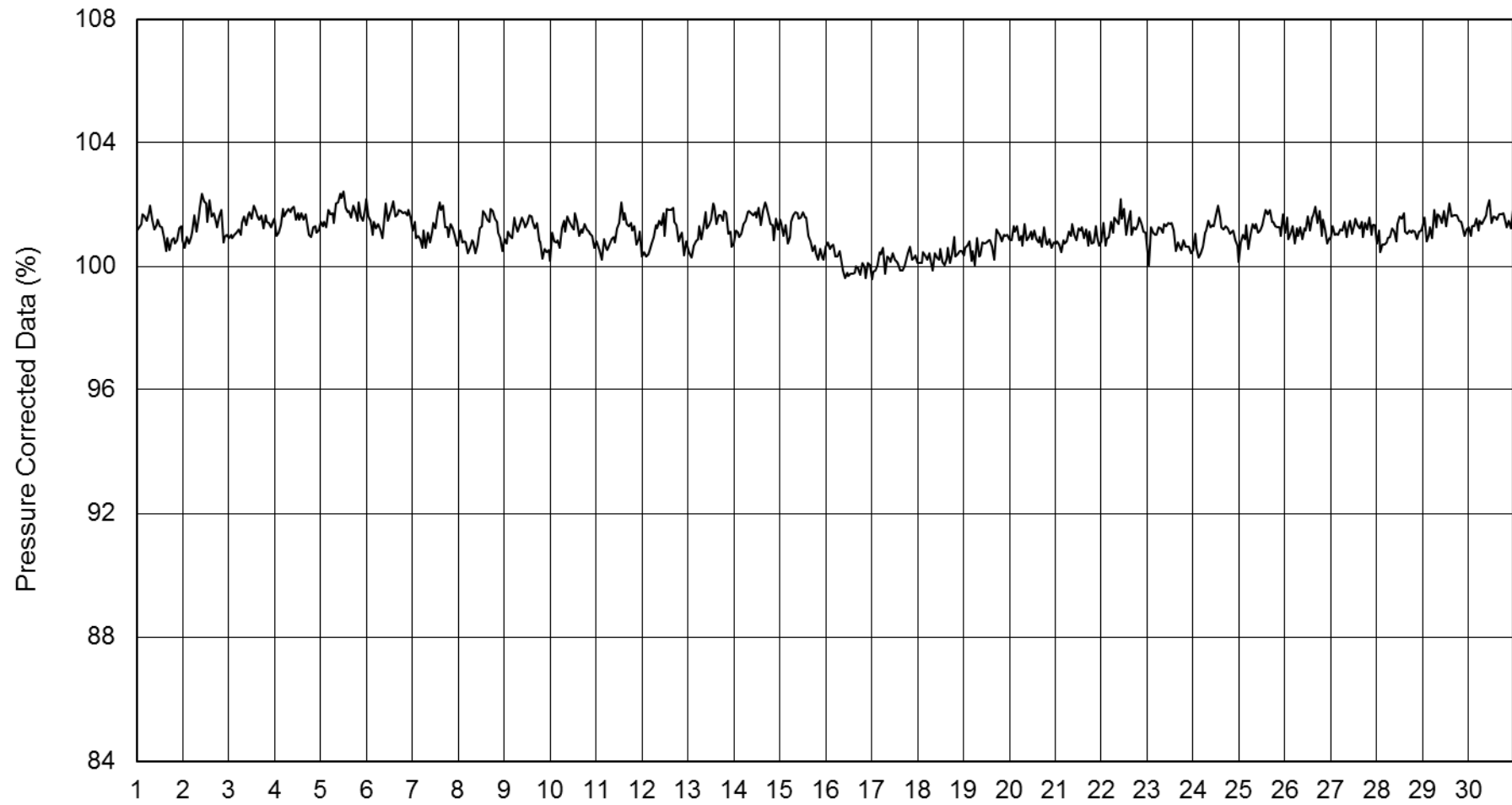
S.V.I.R.CO. Observatory - Pressure Corrected Data - July 2010



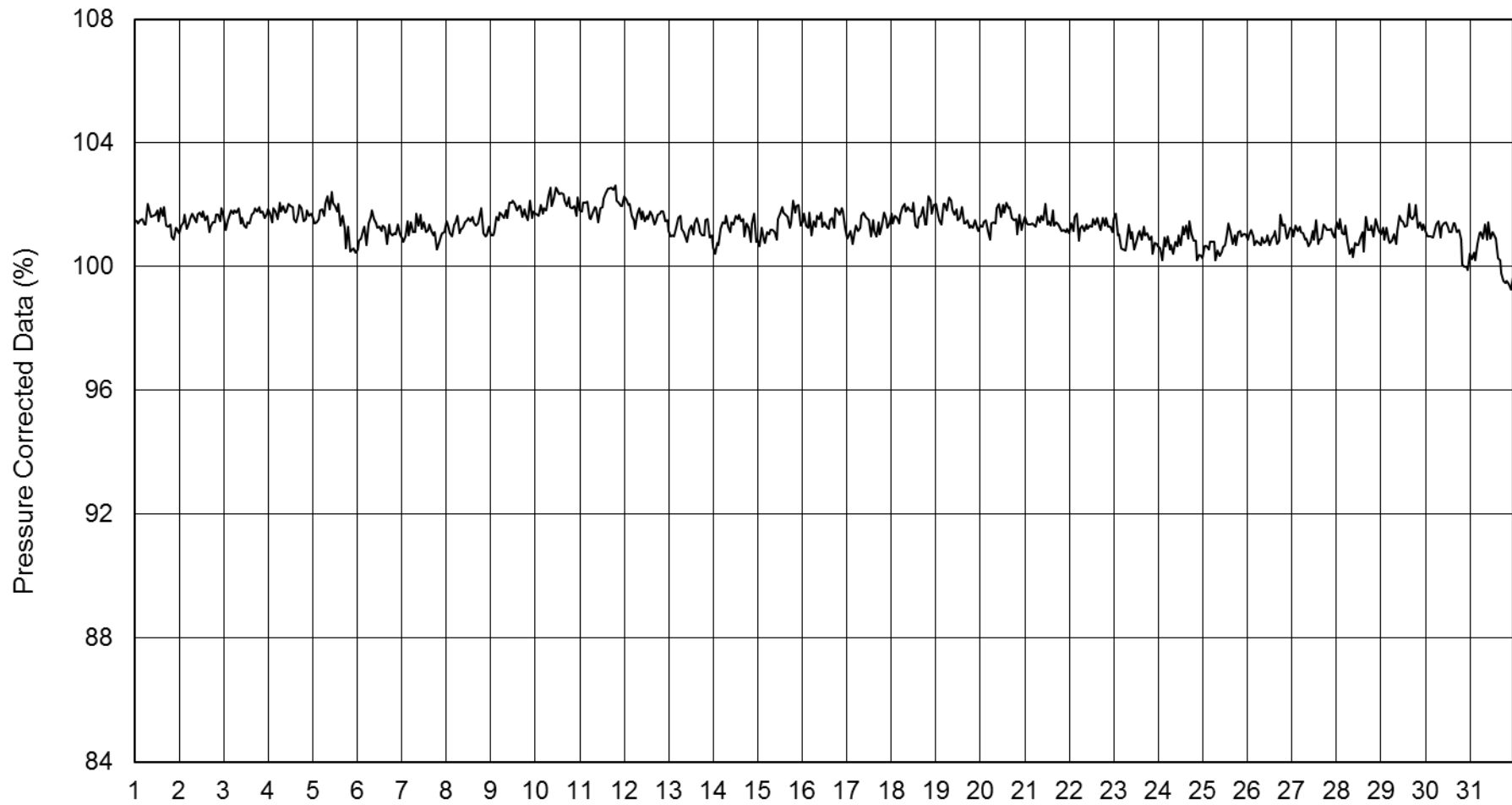
S.V.I.R.CO. Observatory - Pressure Corrected Data - August 2010



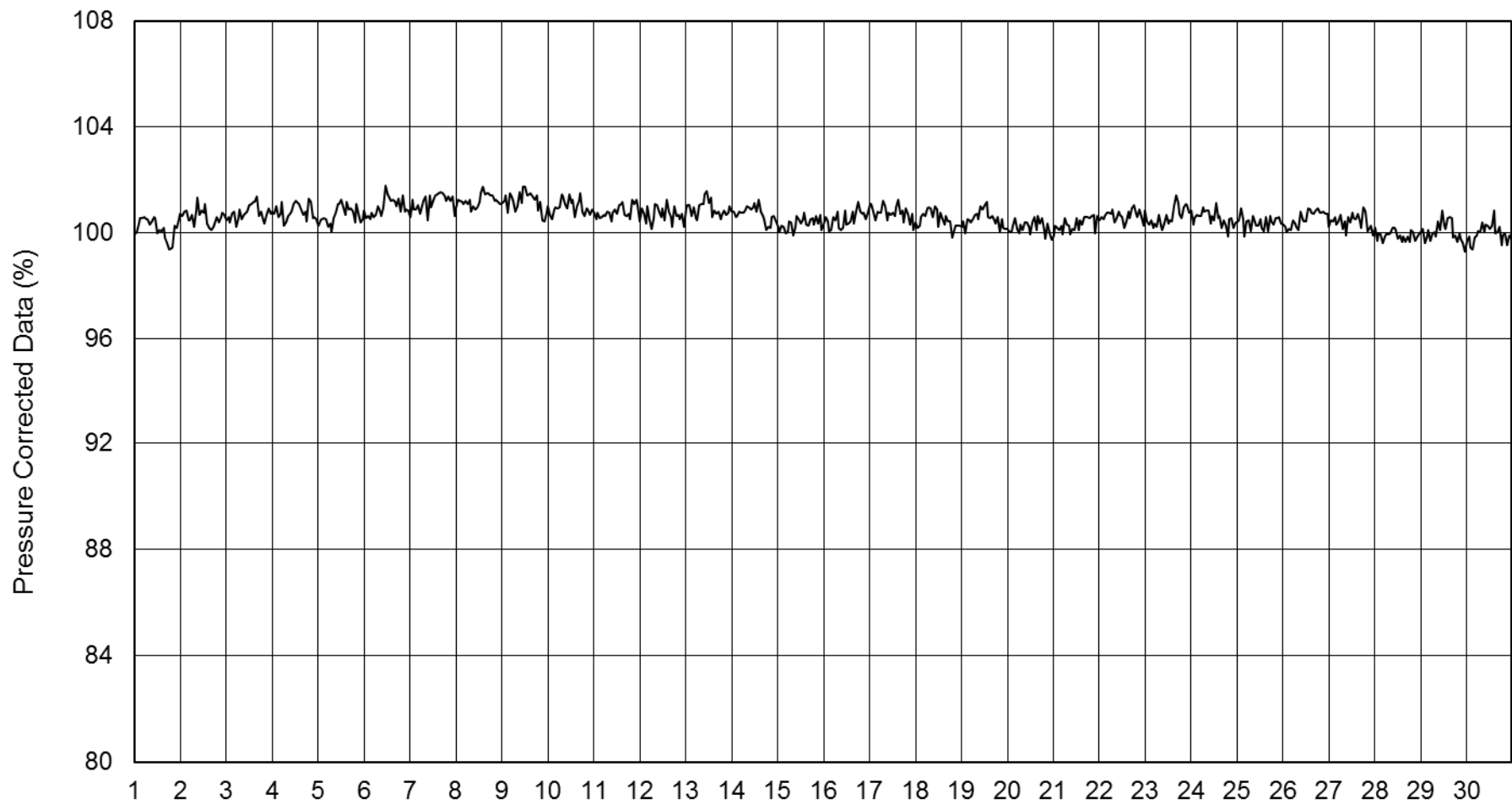
S.V.I.R.CO. Observatory - Pressure Corrected Data - September 2010



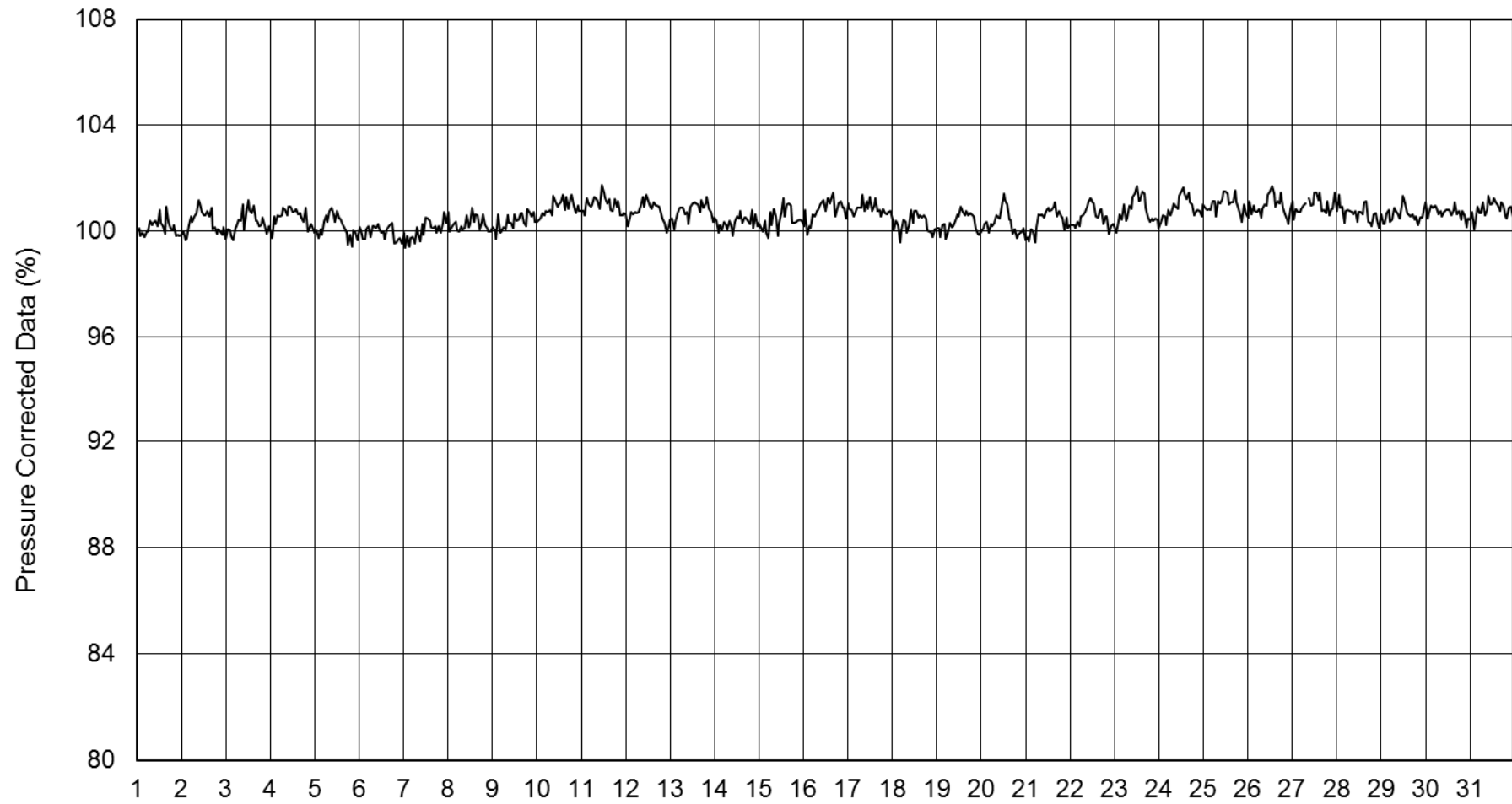
S.V.I.R.CO. Observatory - Pressure Corrected Data - October 2010



S.V.I.R.CO. Observatory - Pressure Corrected Data - November 2010



S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2010



S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - January 2010

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVG
1	995.33	994.65	994.21	993.60	993.37	993.61	993.33	993.54	993.85	993.82	993.53	993.21	
	992.83	992.66	993.15	993.66	993.91	994.38	994.83	995.38	995.16	995.49	996.45	997.18	994.21
2	997.92	998.50	998.73	999.15	1000.22	1001.14	1001.97	1002.77	1003.43	1004.06	1004.10	1004.06	
	1004.14	1004.43	1004.56	1005.12	1005.52	1006.42	1007.51	1008.18	1008.82	1009.64	1010.54	1011.20	1004.26
3	1012.08	1012.76	1013.44	1014.35	1014.45	1014.94	1015.90	1016.85	1018.13	1018.84	1018.30	1018.07	
	1017.80	1017.57	1017.74	1017.67	1017.72	1018.08	1018.39	1018.58	1018.21	1018.38	1018.46	1018.22	1016.87
4	1017.80	1018.01	1017.57	1016.90	1016.50	1016.18	1015.76	1015.52	1015.57	1015.76	1014.76	1013.12	
	1012.18	1011.34	1010.92	1010.50	1010.01	1009.54	1009.07	1008.44	1008.39	1008.07	1007.78	1006.90	1012.77
5	1006.20	1005.89	1005.24	1004.70	1004.29	1003.55	1003.03	1002.77	1002.39	1002.24	1001.50	1000.54	
	999.35	998.56	997.86	996.42	995.59	995.65	996.27	995.96	995.73	995.22	994.82	994.28	999.92
6	994.26	994.75	994.71	994.40	994.46	995.18	996.08	997.18	998.50	999.64	1000.27	1000.60	
	1000.83	1001.22	1001.83	1002.23	1002.48	1003.05	1003.52	1003.51	1003.33	1003.31	1003.28	1002.73	999.64
7	1002.59	1003.03	1003.67	1004.22	1004.81	1005.70	1006.56	1007.23	1007.83	1008.51	1008.54	1008.22	
	1008.02	1007.65	1007.49	1007.70	1007.21	1007.12	1006.90	1006.32	1005.74	1005.06	1004.36	1002.85	1006.14
8	1001.54	1000.65	999.52	998.90	998.11	998.02	997.57	997.38	997.07	996.71	996.14	995.46	
	995.43	995.64	995.65	996.16	996.62	997.19	997.67	997.94	997.99	997.55	996.84	995.43	997.38
9	993.35	991.89	989.51	992.00	995.15	995.33	995.53	995.86	996.20	996.38	996.38	996.39	
	996.55	997.14	998.18	999.21	1000.21	1001.19	1002.23	1002.98	1003.25	1003.42	1003.66	1003.65	997.74
10	1003.74	1004.52	1004.87	1004.93	1005.57	1005.90	1006.02	1006.61	1007.27	1007.86	1008.21	1008.02	
	1007.81	1008.16	1008.38	1008.63	1009.11	1009.71	1010.22	1010.58	1011.13	1011.42	1011.66	1011.74	1008.00
11	1012.01	1012.42	1012.42	1012.12	1012.04	1012.26	1012.64	1012.62	1012.98	1013.34	1012.99	1012.60	
	1011.90	1011.53	1011.35	1011.50	1011.71	1012.06	1012.36	1012.43	1012.50	1012.84	1013.00	1012.92	1012.36
12	1013.03	1013.19	1012.90	1012.80	1013.08	1013.29	1013.55	1013.83	1014.02	1014.16	1013.75	1013.14	
	1012.60	1012.28	1012.07	1011.63	1011.84	1012.22	1012.55	1012.49	1012.37	1012.34	1011.48	1010.53	1012.71
13	1009.95	1009.43	1008.79	1007.95	1007.10	1006.66	1006.50	1006.35	1006.14	1006.01	1005.64	1004.69	
	1004.03	1003.79	1003.77	1003.96	1004.46	1005.06	1005.83	1006.27	1006.59	1007.20	1007.61	1007.58	1006.31
14	1007.21	1007.55	1007.74	1007.77	1007.82	1008.01	1008.22	1008.61	1008.92	1009.13	1008.76	1008.15	
	1007.61	1007.53	1007.58	1007.54	1007.31	1007.72	1008.02	1008.53	1008.68	1008.90	1009.09	1008.76	1008.13
15	1008.40	1008.50	1008.57	1008.39	1008.51	1009.01	1009.72	1010.31	1010.86	1011.27	1011.53	1011.49	
	1011.45	1011.35	1011.59	1012.17	1012.69	1013.23	1013.89	1014.45	1015.08	1015.65	1016.13	1016.51	1011.70
16	1016.70	1016.87	1016.94	1017.07	1017.11	1017.51	1018.24	1018.79	1019.17	1019.35	1019.24	1018.73	
	1018.50	1018.66	1019.17	1019.67	1019.97	1020.13	1020.66	1021.16	1021.56	1021.59	1021.48	1021.26	1019.15
17	1021.11	1021.13	1020.81	1020.57	1020.35	1020.35	1020.48	1020.74	1020.87	1020.67	1020.56	1020.08	
	1019.49	1018.96	1018.85	1018.93	1018.77	1018.77	1018.92	1019.10	1019.08	1018.99	1018.99	1018.81	1019.81
18	1018.46	1018.42	1018.42	1018.50	1018.54	1018.98	1019.24	1019.54	1019.85	1020.16	1019.99	1019.41	
	1019.02	1019.06	1019.16	1019.25	1019.35	1019.52	1019.88	1019.97	1020.21	1020.14	1020.02	1019.88	1019.37
19	1020.03	1020.00	1019.69	1019.52	1019.42	1019.53	1019.85	1020.05	1020.26	1020.50	1020.19	1019.44	
	1018.69	1018.55	1018.45	1018.21	1017.96	1017.88	1017.94	1018.07	1018.07	1018.03	1017.90	1017.52	1018.99
20	1017.14	1016.77	1016.63	1016.31	1015.98	1015.83	1015.78	1015.92	1016.09	1016.05	1015.45	1014.29	
	1013.43	1013.18	1013.07	1013.07	1012.72	1012.48	1012.35	1012.27	1012.34	1012.05	1011.57	1010.97	1014.24
21	1010.32	1010.31	1010.23	1010.12	1010.00	1010.11	1010.36	1010.89	1011.62	1012.34	1012.54	1012.17	
	1011.56	1011.40	1011.65	1012.27	1012.97	1013.85	1014.62	1015.26	1015.64	1015.99	1016.40	1016.61	1012.47
22	1016.74	1016.91	1016.89	1016.94	1016.96	1017.10	1017.35	1017.67	1017.99	1018.08	1017.68	1016.74	
	1015.93	1015.78	1015.93	1016.35	1016.72	1017.23	1017.48	1017.85	1018.11	1018.31	1018.58	1018.69	1017.25
23	1018.59	1018.86	1018.96	1019.05	1019.15	1019.50	1019.88	1020.27	1020.73	1021.19	1021.20	1020.75	
	1020.37	1020.24	1020.36	1020.54	1020.93	1021.34	1021.61	1021.98	1022.42	1022.53	1022.52	1022.38	1020.64
24	1022.24	1022.40	1022.39	1022.33	1022.57	1022.79	1022.94	1023.14	1023.57	1023.91	1023.79	1023.12	
	1022.33	1022.01	1022.05	1022.16	1022.42	1022.82	1023.10	1023.21	1023.44	1023.51	1023.52	1023.32	1022.88
25	1023.36	1023.24	1022.98	1022.88	1022.84	1022.62	1022.58	1023.03	1023.57	1023.95	1023.82	1023.44	
	1023.07	1022.85	1022.72	1022.81	1022.79	1022.83	1023.01	1022.94	1022.75	1022.76	1022.72	1022.56	1023.00
26	1022.03	1021.73	1021.33	1021.14	1020.87	1020.66	1020.38	1020.34	1020.39	1020.23	1019.63	1018.50	
	1017.21	1016.29	1015.65	1015.17	1014.81	1014.74	1014.62	1014.45	1014.48	1014.45	1014.44	1013.95	1017.81
27	1013.37	1012.97	1012.56	1012.03	1011.81	1011.87	1011.86	1012.01	1012.42	1012.36	1011.87	1011.31	
	1010.71	1010.36	1010.20	1010.17	1010.29	1010.54	1010.54	1010.64	1010.78	1010.67	1010.39	1009.79	1011.31
28	1009.37	1008.92	1008.03	1007.42	1007.09	1007.00	1006.64	1006.49	1005.87	1005.82	1005.02	1003.89	
	1002.60	1001.41	1001.03	1000.35	999.25	999.15	998.80	998.42	998.20	998.30	998.30	998.13	1003.15
29	998.02	998.11	998.11	998.24	998.16	998.11	998.26	998.47	998.48	998.53	998.04	997.11	
	996.10	995.89	995.73	995.28	994.90	994.89	994.83	994.82	994.54	994.26	994.16	993.70	996.53
30	993.11	992.86	992.16	991.71	991.25	991.08	991.03	991.14	991.32	991.22	991.18	990.40	
	989.90	989.86	989.79	989.81	989.91	990.23	990.77	991.21	991.53	992.05	992.81	993.10	991.23
31	993.89	994.36	994.69	994.48	994.56	994.98	995.81	996.37	996.84	997.41	998.03	998.67	
	998.56	998.69	999.27	999.81	1000.53	1001.02	1001.55	1002.12	1002.92	1003.21	1004.09	1004.55	998.60
MONTHLY AVG	1009.35	1009.34	1009.12	1009.05	1009.10	1009.25	1009.45	1009.75	1010.07	1010.31	1010.08	1009.54	
	1009.03	1008.84	1008.88	1008.97	1009.05	1009.36	1009.68	1009.85	1009.97	1010.04	1010.10	1009.86	1009.50

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UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1005.15	1005.89	1006.36	1006.91	1007.47	1007.81	1008.38	1009.29	1009.88	1010.85	1010.73	1010.39	
	1010.10	1010.23	1010.66	1011.37	1012.34	1013.20	1013.72	1014.18	1014.58	1014.66	1014.78	1015.19	1010.59
2	1015.61	1015.81	1016.02	1016.10	1016.62	1017.14	1017.99	1018.81	1019.57	1019.91	1019.87	1019.51	
	1019.33	1019.41	1019.75	1019.98	1020.17	1020.82	1021.05	1021.26	1021.38	1021.17	1021.14	1020.78	1019.13
3	1020.70	1020.49	1020.07	1019.88	1020.20	1020.48	1020.59	1020.60	1020.87	1020.94	1020.58	1020.31	
	1020.08	1020.01	1020.20	1020.07	1020.36	1020.72	1020.70	1020.69	1020.81	1021.15	1021.46	1021.55	1020.56
4	1021.40	1021.58	1021.18	1021.22	1021.29	1021.39	1021.77	1021.89	1022.18	1022.42	1022.34	1021.79	
	1021.08	1020.86	1020.51	1020.24	1020.31	1020.39	1020.37	1020.55	1020.61	1020.60	1020.11	1019.83	1021.08
5	1019.29	1018.41	1017.69	1017.38	1017.00	1016.83	1016.45	1016.00	1015.73	1015.22	1014.66	1013.61	
	1012.53	1011.64	1010.78	1009.76	1009.26	1008.90	1008.26	1007.67	1007.07	1006.79	1006.70	1006.62	1012.68
6	1006.42	1006.15	1005.47	1004.85	1004.25	1003.85	1004.56	1004.40	1004.45	1004.45	1004.51	1004.21	
	1003.94	1003.51	1003.11	1002.97	1002.96	1002.78	1002.35	1002.11	1001.44	1001.37	1001.42	1001.30	1003.62
7	1001.25	1001.20	1000.87	1000.81	1000.83	1000.87	1001.48	1002.12	1002.30	1002.75	1002.86	1002.88	
	1002.89	1002.77	1002.94	1003.27	1003.54	1003.91	1004.07	1004.18	1004.16	1004.19	1004.25	1004.37	1002.70
8	1004.51	1004.57	1004.39	1004.20	1004.32	1004.57	1004.82	1005.06	1005.17	1005.07	1004.87	1004.24	
	1003.49	1003.16	1003.11	1003.22	1003.62	1004.15	1004.26	1004.23	1004.09	1003.93	1003.61	1003.60	1004.18
9	1003.59	1003.40	1003.08	1002.73	1002.43	1002.15	1001.72	1001.34	1001.11	1001.08	1001.06	1000.38	
	999.27	998.30	998.18	998.13	997.52	996.97	996.33	995.62	995.02	994.08	993.20	992.31	999.13
10	991.33	990.72	989.96	989.16	988.49	987.98	987.66	987.20	986.88	986.81	986.56	986.10	
	985.78	985.55	985.52	985.79	986.05	986.70	987.36	987.96	988.72	989.14	989.38	989.81	987.78
11	990.09	990.41	990.64	990.79	990.70	990.73	991.11	991.76	992.29	992.85	993.50	993.71	
	993.99	994.20	994.77	995.16	995.62	996.27	996.88	997.31	997.79	998.03	997.84	997.68	993.92
12	997.34	996.65	996.04	995.44	995.10	994.42	995.36	995.93	996.53	997.95	998.37	998.06	
	997.66	997.42	998.28	998.24	998.92	999.93	1000.77	1001.71	1002.73	1003.31	1003.82	1004.31	998.51
13	1004.83	1005.42	1005.62	1005.96	1006.49	1006.88	1007.76	1008.55	1008.98	1009.57	1009.60	1009.37	
	1009.32	1008.72	1008.16	1008.43	1008.79	1009.15	1009.03	1009.07	1008.88	1008.44	1008.29	1008.08	1008.06
14	1007.59	1006.87	1006.14	1005.80	1005.42	1004.81	1004.53	1004.17	1003.84	1003.45	1002.83	1001.99	
	1001.39	1001.04	1000.74	1000.39	1000.56	1000.56	1000.63	1000.86	1001.14	1001.47	1001.74	1001.97	1002.91
15	1002.43	1002.65	1002.42	1002.71	1002.98	1003.24	1004.01	1004.64	1005.10	1005.43	1005.45	1005.13	
	1005.08	1005.24	1005.28	1005.33	1005.73	1006.14	1006.43	1006.31	1006.45	1006.78	1006.51	1006.12	1004.90
16	1005.89	1005.62	1005.11	1004.73	1004.49	1004.03	1003.63	1003.70	1003.19	1002.45	1001.86	1000.77	
	999.83	999.46	998.98	998.71	998.02	998.02	997.94	997.77	997.63	997.40	996.87	996.64	1000.95
17	996.45	996.40	996.46	996.45	996.48	996.78	997.29	997.70	997.86	998.28	998.70	998.95	
	999.05	998.60	998.78	999.03	999.24	998.45	998.26	998.98	999.53	999.50	999.79	1000.31	998.22
18	1000.76	1000.71	1000.33	1000.29	1000.86	1001.13	1001.91	1003.00	1003.85	1004.50	1004.91	1004.92	
	1005.21	1005.01	1005.16	1005.41	1005.49	1006.09	1006.32	1006.52	1006.98	1006.64	1005.90	1005.13	1004.04
19	1004.04	1002.05	1000.54	999.98	1000.70	999.84	996.96	995.24	994.31	993.37	993.13	992.42	
	991.73	991.22	990.92	990.82	991.16	991.96	992.73	993.40	994.15	994.66	994.61	994.94	995.20
20	994.73	994.67	994.56	994.49	994.55	994.78	995.28	995.66	995.65	995.78	996.13	995.97	
	995.85	996.05	996.41	996.80	997.28	998.23	999.50	1000.72	1001.36	1002.06	1002.69	1003.27	997.19
21	1003.68	1004.49	1005.05	1005.77	1006.40	1006.68	1007.47	1008.31	1009.00	1009.56	1009.88	1009.57	
	1009.22	1009.36	1009.05	1008.96	1008.96	1009.44	1010.14	1010.08	1009.90	1009.48	1009.26	1008.75	1008.27
22	1007.88	1006.85	1005.74	1004.93	1003.99	1003.54	1003.74	1003.79	1003.65	1003.81	1003.95	1003.98	
	1003.82	1003.99	1004.19	1003.93	1004.23	1004.63	1004.92	1005.13	1005.02	1004.94	1004.88	1004.51	1004.58
23	1004.05	1003.26	1003.04	1002.67	1002.42	1002.01	1002.08	1002.63	1003.00	1003.27	1003.50	1003.51	
	1003.29	1003.13	1003.11	1002.96	1002.97	1003.30	1003.51	1003.57	1003.83	1003.82	1003.54	1003.26	1003.16
24	1002.96	1002.85	1002.53	1002.41	1002.42	1002.53	1002.67	1002.94	1003.19	1003.27	1003.50	1003.52	
	1003.03	1002.41	1002.56	1002.56	1002.97	1003.45	1003.75	1004.18	1004.69	1005.07	1005.15	1005.92	1003.36
25	1006.28	1006.11	1006.69	1007.02	1007.51	1007.70	1008.44	1008.82	1008.83	1008.93	1008.70	1008.27	
	1008.02	1007.97	1008.04	1008.14	1008.47	1008.50	1008.41	1008.39	1008.40	1008.13	1007.74	1007.33	1007.95
26	1007.73	1007.04	1006.26	1005.54	1004.18	1004.07	1004.15	1003.81	1004.02	1003.90	1003.33	1002.66	
	1002.30	1002.24	1002.37	1002.32	1002.57	1003.10	1003.64	1004.15	1005.23	1006.00	1006.72	1007.08	1004.35
27	1007.50	1007.95	1008.28	1008.72	1008.97	1009.43	1010.54	1011.46	1012.07	1012.43	1012.48	1012.18	
	1011.92	1012.01	1012.18	1012.04	1011.79	1011.39	1011.06	1012.00	1011.88	1011.62	1011.08	1010.77	1010.91
28	1010.45	1009.85	1009.31	1009.18	1007.63	1007.27	1006.80	1006.54	1006.93	1007.37	1007.62	1007.73	
	1006.76	1005.90	1005.19	1005.23	1005.22	1006.07	1006.81	1006.99	1007.44	1007.66	1007.85	1007.94	1007.32
MONTHLY AVG	1005.14	1004.93	1004.64	1004.50	1004.44	1004.39	1004.61	1004.83	1005.01	1005.20	1005.20	1004.86	
	1004.50	1004.26	1004.25	1004.26	1004.43	1004.76	1004.97	1005.20	1005.39	1005.43	1005.37	1005.33	1004.83

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UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1008.19	1008.37	1008.81	1008.93	1009.29	1008.97	1010.19	1010.60	1010.86	1010.53	1010.84	1010.75	
	1010.25	1010.12	1010.44	1010.55	1010.91	1011.40	1011.98	1012.52	1013.29	1013.78	1013.93	1014.37	1010.83
2	1014.81	1015.30	1015.60	1015.75	1016.23	1016.99	1017.84	1018.44	1018.83	1018.64	1018.74	1018.58	
	1017.89	1017.97	1017.92	1018.22	1018.43	1019.27	1020.02	1020.52	1020.74	1020.19	1019.14	1018.61	1018.11
3	1018.44	1018.31	1018.33	1018.46	1018.17	1018.32	1018.16	1016.52	1015.48	1014.60	1013.84	1013.06	
	1011.90	1009.70	1008.42	1007.77	1006.77	1005.96	1005.32	1004.63	1003.95	1002.91	1001.86	1000.85	1011.32
4	1000.02	999.25	998.89	998.58	997.67	996.88	996.40	996.53	996.65	996.72	996.88	997.18	
	997.40	997.80	998.45	999.42	1000.79	1002.00	1002.96	1003.78	1004.63	1005.16	1005.71	1006.19	999.83
5	1006.62	1006.76	1006.72	1006.83	1007.34	1007.48	1007.88	1008.50	1008.62	1008.64	1008.73	1008.71	
	1007.87	1007.09	1007.10	1007.31	1008.12	1008.65	1009.59	1010.16	1010.47	1011.03	1011.56	1011.82	1008.48
6	1012.56	1012.38	1012.74	1013.14	1013.64	1013.99	1014.40	1014.70	1015.63	1016.15	1016.51	1015.89	
	1014.98	1014.12	1013.58	1013.31	1013.38	1014.10	1014.50	1014.51	1014.59	1014.32	1014.31	1014.20	1014.23
7	1014.34	1013.91	1013.46	1013.58	1013.47	1013.26	1013.26	1013.18	1012.85	1012.92	1012.70	1012.04	
	1011.12	1010.35	1009.95	1009.46	1009.45	1009.89	1009.96	1010.08	1009.87	1009.84	1009.69	1009.39	1011.58
8	1009.18	1008.65	1008.22	1007.97	1007.76	1007.61	1007.30	1007.20	1006.78	1006.37	1006.07	1005.41	
	1004.64	1003.91	1003.59	1003.41	1003.64	1004.26	1004.71	1004.90	1005.19	1005.06	1004.81	1004.40	1005.88
9	1003.62	1003.06	1002.61	1002.02	1000.94	1000.19	999.75	999.30	999.05	998.64	998.26	996.97	
	995.75	994.75	994.49	994.43	994.68	994.87	995.14	995.22	995.54	995.91	996.11	996.54	997.83
10	997.10	997.48	997.80	998.39	998.86	999.30	999.69	1000.51	1001.26	1001.90	1002.48	1002.81	
	1002.81	1003.06	1003.61	1004.38	1005.00	1005.69	1006.50	1007.11	1007.38	1007.36	1007.18	1007.08	1002.70
11	1006.76	1005.81	1004.80	1004.77	1004.41	1005.72	1006.36	1006.86	1007.28	1007.26	1007.38	1007.38	
	1007.22	1007.03	1007.40	1007.77	1008.50	1009.18	1009.97	1010.69	1011.14	1011.77	1012.45	1012.73	1007.94
12	1012.88	1012.95	1012.97	1012.97	1013.08	1013.49	1013.98	1014.54	1014.98	1015.01	1015.07	1015.15	
	1014.84	1014.82	1014.77	1014.57	1014.84	1015.11	1015.59	1015.98	1016.37	1016.62	1016.65	1016.61	1014.74
13	1016.78	1016.67	1016.44	1016.53	1016.64	1016.83	1017.03	1017.17	1017.20	1016.90	1016.52	1015.96	
	1015.23	1014.76	1014.58	1014.61	1014.82	1015.14	1015.48	1015.93	1016.47	1016.79	1016.83	1016.81	1016.17
14	1016.96	1016.93	1016.86	1016.84	1016.98	1017.22	1017.62	1018.16	1018.22	1018.15	1017.98	1017.66	
	1017.07	1016.55	1016.26	1016.07	1015.97	1016.22	1016.40	1016.58	1016.59	1016.71	1016.63	1016.53	1016.96
15	1016.59	1016.30	1015.95	1015.87	1016.16	1016.59	1017.08	1017.51	1017.76	1017.96	1018.00	1017.96	
	1017.58	1017.30	1017.31	1017.52	1017.67	1018.29	1018.86	1019.43	1019.76	1019.82	1019.88	1020.03	1017.80
16	1020.00	1019.78	1019.74	1019.84	1020.13	1020.38	1020.64	1021.06	1021.52	1021.53	1021.53	1021.02	
	1020.34	1020.04	1020.26	1020.51	1021.03	1021.83	1022.75	1023.73	1024.50	1025.01	1025.46	1025.90	1021.60
17	1026.57	1026.96	1027.19	1027.54	1028.09	1028.74	1029.38	1029.90	1030.50	1030.63	1030.53	1030.46	
	1030.22	1029.90	1030.02	1030.25	1030.37	1030.85	1031.61	1032.28	1032.73	1032.75	1032.69	1032.75	1030.12
18	1032.93	1032.64	1032.22	1032.30	1032.35	1032.62	1033.02	1033.16	1033.08	1033.07	1032.91	1032.64	
	1032.17	1031.71	1031.56	1031.35	1031.19	1031.12	1031.07	1031.07	1031.28	1031.56	1031.47	1031.30	1032.07
19	1031.22	1031.09	1030.64	1030.62	1030.52	1030.46	1030.58	1030.78	1031.14	1031.09	1031.00	1030.48	
	1029.82	1029.21	1028.92	1028.78	1028.95	1029.28	1029.30	1029.16	1029.23	1029.29	1028.96	1028.69	1029.97
20	1028.58	1028.37	1027.58	1027.51	1027.36	1027.52	1027.83	1027.84	1027.44	1027.34	1027.35	1026.67	
	1026.01	1025.82	1025.72	1025.55	1025.49	1025.51	1025.34	1025.76	1025.51	1025.40	1025.44	1025.48	1026.60
21	1025.27	1025.05	1024.50	1024.53	1024.21	1024.57	1025.10	1025.19	1025.16	1025.13	1024.95	1024.37	
	1024.55	1024.76	1024.77	1024.71	1024.47	1024.23	1024.04	1024.09	1024.16	1024.11	1023.66	1023.02	1024.52
22	1022.47	1021.89	1021.39	1021.05	1020.78	1020.83	1020.91	1021.09	1021.10	1020.55	1020.35	1019.60	
	1018.83	1018.50	1018.51	1018.43	1018.40	1018.10	1018.08	1018.43	1018.43	1018.23	1018.16	1018.29	1019.68
23	1018.26	1017.94	1017.48	1017.19	1017.10	1016.98	1017.17	1017.43	1017.67	1017.69	1017.38	1016.99	
	1016.39	1015.91	1015.61	1015.29	1015.22	1015.29	1015.58	1015.95	1016.10	1016.01	1015.84	1015.74	1016.59
24	1015.53	1015.16	1015.03	1014.98	1014.98	1015.14	1015.33	1015.73	1016.13	1016.16	1015.97	1015.54	
	1014.90	1014.64	1014.61	1014.56	1014.55	1014.85	1015.65	1016.10	1016.47	1016.91	1017.10	1017.30	1015.55
25	1017.30	1016.94	1016.60	1016.72	1016.79	1017.18	1017.66	1017.94	1018.49	1018.62	1017.82	1017.73	
	1017.37	1016.87	1016.69	1016.72	1016.99	1017.42	1018.15	1018.74	1018.90	1018.87	1018.81	1018.73	1017.67
26	1018.80	1018.32	1017.95	1017.87	1017.96	1018.22	1018.78	1018.38	1018.12	1018.70	1018.66	1018.01	
	1016.68	1015.89	1015.87	1016.00	1016.59	1016.32	1015.96	1016.23	1016.04	1016.10	1016.16	1015.80	1017.22
27	1015.24	1014.78	1014.27	1014.00	1014.11	1014.09	1014.15	1014.25	1014.37	1014.35	1013.82	1013.35	
	1012.60	1011.86	1011.40	1011.44	1011.76	1011.71	1012.08	1012.76	1013.00	1013.28	1013.59	1013.88	1013.34
28	1013.76	1013.52	1013.51	1013.47	1013.96	1014.44	1015.06	1015.27	1015.29	1015.09	1014.66	1014.17	
	1013.75	1013.65	1013.67	1013.87	1014.05	1014.28	1014.53	1015.12	1015.33	1015.28	1015.54	1015.88	1014.46
29	1015.93	1015.52	1015.34	1014.95	1015.36	1015.79	1016.36	1016.51	1017.02	1017.07	1016.84	1016.48	
	1015.91	1015.28	1014.52	1013.97	1013.86	1013.87	1014.04	1014.10	1014.11	1013.71	1013.29	1012.49	1015.10
30	1011.16	1011.06	1010.95	1010.23	1009.14	1009.04	1009.03	1008.67	1008.62	1008.41	1007.73	1007.04	
	1007.00	1006.66	1005.58	1005.13	1004.79	1005.02	1005.32	1005.88	1006.11	1006.39	1006.66	1006.71	1007.60
31	1006.57	1006.38	1006.33	1006.95	1007.44	1008.09	1008.71	1009.33	1009.82	1010.20	1010.41	1010.59	
	1010.35	1010.37	1010.42	1010.33	1010.54	1010.97	1011.24	1011.85	1012.62	1013.02	1013.39	1013.67	1009.98
MONTHLY AVG	1015.30	1015.08	1014.87	1014.85	1014.87	1015.06	1015.38	1015.56	1015.71	1015.68	1015.54	1015.18	
	1014.63	1014.21	1014.06	1014.05	1014.23	1014.54	1014.89	1015.27	1015.50	1015.59	1015.58	1015.54	1015.05

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 Pressure in hectoPascal - April 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1013.93	1013.33	1012.98	1013.36	1013.69	1013.81	1014.03	1014.17	1014.55	1014.56	1014.41	1014.17	
	1014.02	1013.72	1013.54	1013.54	1013.84	1013.93	1014.42	1014.80	1015.12	1015.17	1015.20	1015.25	1014.15
2	1015.03	1014.77	1014.69	1014.74	1015.19	1015.53	1015.78	1015.78	1016.00	1016.14	1016.20	1016.29	
	1015.97	1015.64	1015.64	1015.85	1016.06	1016.34	1016.81	1017.47	1017.96	1018.27	1018.43	1018.72	1016.22
3	1018.88	1018.72	1018.81	1019.05	1019.59	1019.92	1019.86	1020.17	1020.62	1020.69	1020.50	1020.18	
	1020.06	1019.84	1019.37	1019.08	1019.04	1019.08	1019.41	1019.68	1019.60	1019.29	1018.97	1018.96	1019.56
4	1018.59	1017.87	1017.89	1017.88	1017.59	1017.18	1017.09	1017.82	1017.88	1017.30	1016.96	1016.62	
	1015.86	1015.23	1014.36	1013.96	1013.24	1012.54	1012.20	1012.31	1012.20	1012.64	1013.76	1014.17	1015.55
5	1014.90	1015.12	1015.73	1015.88	1016.09	1016.30	1016.52	1016.48	1017.16	1017.81	1018.18	1018.56	
	1018.84	1018.75	1019.35	1019.91	1020.15	1020.74	1021.39	1022.04	1022.47	1022.81	1022.99	1023.49	1018.82
6	1023.72	1023.53	1023.49	1023.56	1023.55	1023.55	1023.79	1023.79	1023.84	1023.59	1023.00	1022.44	
	1021.75	1021.07	1020.70	1020.51	1020.27	1020.01	1020.15	1020.38	1020.46	1020.45	1020.40	1020.36	1022.02
7	1019.98	1019.47	1019.20	1019.46	1019.58	1019.74	1019.90	1019.97	1019.90	1019.60	1018.97	1018.31	
	1017.90	1017.55	1017.11	1017.02	1017.26	1017.28	1017.63	1018.07	1018.21	1017.95	1017.60	1017.37	1018.54
8	1017.01	1016.85	1016.87	1017.14	1017.45	1017.79	1017.92	1017.99	1018.03	1017.77	1017.46	1017.33	
	1017.32	1017.08	1016.94	1017.12	1017.49	1017.78	1018.18	1018.64	1019.24	1019.62	1019.51	1019.34	1017.83
9	1019.24	1018.90	1019.01	1019.08	1018.94	1019.48	1020.12	1020.36	1020.63	1020.66	1020.63	1020.44	
	1020.26	1020.07	1019.97	1020.04	1020.37	1020.61	1021.14	1021.75	1021.77	1021.67	1021.70	1021.51	1020.35
10	1021.07	1020.74	1020.50	1020.28	1020.02	1019.91	1019.82	1019.45	1019.12	1018.59	1017.84	1017.02	
	1016.31	1015.59	1014.94	1014.40	1014.11	1013.95	1014.07	1014.18	1013.86	1013.41	1013.05	1012.53	1016.86
11	1011.95	1011.42	1010.94	1010.33	1010.16	1010.04	1009.82	1009.46	1009.17	1008.88	1008.40	1008.07	
	1007.80	1007.43	1007.10	1006.63	1006.19	1005.96	1006.14	1007.09	1007.14	1007.24	1006.92	1006.52	1008.37
12	1005.86	1005.44	1005.14	1005.29	1005.29	1005.49	1005.59	1005.60	1005.66	1005.69	1005.63	1005.55	
	1005.33	1005.26	1005.27	1005.23	1005.37	1005.72	1006.25	1006.75	1006.78	1006.86	1007.04	1007.20	1005.80
13	1006.94	1006.95	1006.97	1006.89	1007.02	1007.49	1007.84	1008.07	1008.35	1008.67	1008.52	1008.29	
	1008.26	1008.44	1008.63	1008.95	1009.18	1009.36	1009.78	1010.36	1010.93	1011.20	1011.15	1011.19	1008.73
14	1010.98	1010.78	1010.45	1010.05	1009.95	1010.20	1010.48	1010.74	1010.88	1010.86	1010.74	1010.52	
	1010.54	1010.22	1009.82	1009.96	1010.09	1009.96	1010.16	1010.57	1010.78	1010.53	1010.54	1010.42	1010.43
15	1010.22	1010.01	1010.08	1010.18	1010.10	1010.15	1010.10	1010.03	1010.34	1010.33	1010.36	1010.03	
	1009.70	1009.18	1008.83	1009.05	1008.81	1008.55	1008.75	1008.93	1009.23	1009.34	1009.39	1009.41	1009.63
16	1009.20	1008.67	1009.07	1009.02	1008.70	1008.76	1008.82	1009.11	1009.50	1009.65	1009.66	1009.70	
	1009.57	1009.10	1009.05	1009.14	1009.51	1009.98	1010.62	1010.96	1011.05	1011.06	1011.11	1011.33	1009.68
17	1011.46	1011.42	1011.15	1011.03	1011.47	1012.09	1012.20	1012.28	1012.43	1012.78	1012.95	1012.90	
	1012.91	1012.72	1012.62	1012.59	1012.55	1012.54	1013.15	1013.85	1014.05	1014.16	1014.21	1014.07	1012.65
18	1014.02	1013.73	1013.53	1013.31	1013.72	1014.02	1013.95	1013.88	1013.83	1013.54	1012.95	1012.29	
	1012.01	1011.66	1011.58	1011.23	1011.15	1011.23	1011.41	1011.61	1011.56	1011.45	1011.32	1011.08	1012.50
19	1010.65	1010.54	1010.34	1010.19	1010.28	1010.67	1010.92	1011.05	1011.23	1011.06	1010.83	1010.60	
	1010.43	1010.40	1010.63	1010.58	1010.75	1011.11	1012.08	1012.61	1012.91	1013.30	1013.63	1013.66	1011.27
20	1013.34	1013.46	1013.64	1013.84	1014.29	1014.60	1014.85	1014.94	1015.33	1015.12	1014.67	1014.33	
	1013.94	1013.59	1013.17	1013.15	1013.48	1013.91	1014.56	1015.35	1015.94	1015.97	1015.93	1015.70	1014.46
21	1015.52	1015.41	1015.35	1015.33	1015.60	1015.80	1016.07	1016.21	1016.43	1016.46	1016.03	1015.78	
	1015.67	1015.62	1015.15	1014.94	1014.92	1014.89	1015.20	1015.44	1015.61	1015.48	1015.47	1015.44	1015.58
22	1014.87	1014.60	1014.49	1014.18	1014.30	1014.50	1014.51	1014.35	1014.14	1013.96	1013.42	1012.71	
	1012.19	1011.65	1011.32	1011.06	1010.91	1010.93	1011.44	1012.44	1012.31	1012.19	1011.72	1011.51	1012.90
23	1010.54	1009.61	1009.13	1008.86	1009.21	1009.36	1009.06	1008.68	1008.93	1008.40	1008.11	1008.27	
	1008.48	1008.47	1008.28	1008.24	1008.10	1007.93	1008.46	1009.38	1009.67	1009.49	1009.64	1009.57	1008.91
24	1009.35	1009.35	1009.33	1009.37	1010.02	1010.77	1011.21	1011.44	1012.07	1012.39	1012.52	1012.49	
	1012.55	1012.18	1011.90	1012.05	1012.28	1012.61	1013.22	1014.01	1014.50	1014.71	1014.98	1015.17	1012.10
25	1014.93	1015.10	1015.48	1015.82	1016.22	1016.81	1017.21	1017.44	1017.67	1017.86	1017.56	1017.25	
	1017.24	1017.06	1016.74	1016.84	1017.13	1017.15	1017.48	1017.74	1018.01	1017.87	1017.86	1017.72	1017.01
26	1017.52	1017.44	1017.52	1017.68	1017.99	1018.44	1018.52	1018.44	1018.34	1018.13	1017.79	1017.57	
	1017.62	1017.42	1017.14	1016.98	1016.93	1016.99	1017.41	1017.97	1018.12	1017.84	1017.78	1017.87	1017.73
27	1017.90	1017.79	1017.62	1017.61	1017.81	1018.11	1018.55	1018.70	1019.07	1019.34	1018.95	1018.64	
	1018.42	1018.33	1018.25	1018.59	1018.75	1019.16	1019.44	1019.99	1020.28	1020.20	1020.12	1020.04	1018.82
28	1019.82	1019.76	1019.85	1019.94	1020.29	1020.68	1021.05	1021.00	1021.19	1021.36	1020.87	1020.23	
	1019.69	1019.39	1019.11	1019.63	1019.40	1019.34	1019.59	1020.16	1020.34	1020.31	1020.35	1020.13	1020.14
29	1019.77	1019.59	1019.45	1019.11	1018.91	1019.04	1019.13	1019.16	1019.12	1019.02	1018.61	1018.27	
	1018.11	1017.72	1017.13	1017.04	1016.95	1016.96	1017.09	1017.56	1017.81	1017.88	1017.87	1017.76	1018.29
30	1017.30	1017.19	1017.13	1017.09	1017.16	1017.45	1017.59	1017.46	1017.45	1017.41	1017.06	1016.73	
	1016.61	1016.46	1016.05	1015.85	1015.56	1015.57	1016.02	1016.51	1016.62	1016.51	1016.39	1016.05	1016.72
MONTHLY AVG	1014.82	1014.59	1014.53	1014.52	1014.67	1014.92	1015.08	1015.13	1015.30	1015.25	1014.99	1014.72	
	1014.51	1014.23	1013.99	1013.97	1013.99	1014.07	1014.45	1014.95	1015.15	1015.16	1015.17	1015.12	1014.72

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 Pressure in hectoPascal - May 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1015.67	1015.46	1015.52	1015.40	1015.49	1015.90	1015.86	1015.79	1015.61	1015.54	1015.25	1014.73	
	1014.36	1013.73	1013.34	1013.16	1013.22	1013.50	1014.00	1014.29	1014.11	1013.95	1013.60	1012.83	1014.60
2	1012.59	1012.40	1012.45	1012.19	1011.95	1012.13	1012.39	1011.98	1011.87	1011.82	1011.58	1011.32	
	1011.01	1010.64	1010.01	1010.34	1009.75	1009.41	1009.28	1009.61	1009.65	1009.39	1009.38	1009.16	1010.93
3	1008.68	1008.53	1008.48	1008.45	1008.66	1009.00	1009.15	1009.36	1009.56	1009.62	1009.47	1009.30	
	1009.17	1008.80	1008.38	1008.17	1007.91	1007.65	1007.93	1008.14	1007.87	1007.59	1007.13	1006.51	1008.48
4	1005.51	1004.25	1002.83	1002.26	1003.13	1003.82	1005.14	1006.02	1005.97	1005.27	1004.45	1004.19	
	1004.20	1004.82	1005.26	1005.60	1005.43	1005.13	1005.17	1005.00	1004.96	1004.41	1003.64	1002.36	1004.53
5	1001.83	1001.35	1000.99	1000.59	999.76	999.08	999.31	1000.37	1001.56	1002.39	1002.58	1002.92	
	1003.00	1002.96	1003.05	1003.20	1003.10	1003.47	1004.10	1004.52	1004.40	1004.06	1004.45	1004.46	1002.40
6	1004.62	1004.83	1004.65	1004.63	1005.21	1005.38	1005.37	1005.46	1005.49	1005.68	1005.70	1005.53	
	1005.66	1005.50	1005.50	1005.88	1006.33	1006.64	1007.07	1007.40	1008.07	1008.05	1007.97	1007.55	1006.01
7	1007.10	1006.81	1006.64	1006.65	1007.13	1007.72	1008.33	1008.58	1008.56	1008.86	1008.99	1009.09	
	1009.22	1008.80	1008.56	1008.31	1008.44	1008.70	1009.07	1010.22	1010.41	1010.11	1010.07	1009.74	1008.59
8	1009.07	1008.50	1008.37	1008.20	1008.47	1008.73	1008.99	1009.20	1009.54	1009.69	1009.66	1009.68	
	1009.83	1009.86	1010.07	1010.32	1010.41	1010.82	1011.38	1011.86	1012.46	1012.69	1013.00	1012.73	1010.15
9	1012.51	1012.48	1012.35	1012.32	1012.71	1012.99	1013.13	1013.20	1013.08	1013.07	1012.90	1012.97	
	1012.87	1012.52	1012.08	1011.86	1011.68	1011.55	1011.65	1011.95	1012.08	1011.89	1011.51	1011.20	1012.36
10	1010.81	1009.93	1009.64	1009.78	1010.28	1010.33	1009.30	1008.84	1009.10	1009.43	1009.36	1009.53	
	1009.47	1009.77	1010.12	1010.17	1010.38	1010.36	1009.86	1009.63	1010.03	1010.22	1010.09	1010.08	1009.85
11	1010.21	1009.26	1008.40	1008.53	1009.13	1009.37	1008.97	1008.17	1006.90	1005.93	1006.01	1005.83	
	1005.50	1005.17	1005.13	1004.89	1004.70	1004.86	1005.51	1006.31	1006.87	1007.01	1007.17	1007.01	1006.95
12	1006.98	1007.03	1006.81	1006.81	1007.22	1007.55	1007.99	1008.38	1008.51	1008.44	1008.33	1008.07	
	1007.46	1007.01	1006.63	1006.40	1006.25	1006.41	1006.58	1007.15	1007.55	1007.46	1007.11	1006.74	1007.28
13	1006.35	1006.06	1005.79	1005.65	1006.00	1006.52	1006.98	1007.21	1007.14	1007.38	1007.87	1008.39	
	1008.40	1008.40	1008.39	1008.45	1008.49	1008.63	1008.94	1009.34	1009.59	1009.72	1009.81	1009.62	1007.88
14	1009.18	1009.07	1008.96	1008.33	1008.00	1008.22	1008.07	1008.23	1008.26	1008.31	1007.71	1007.18	
	1006.57	1005.83	1004.79	1004.10	1003.85	1004.27	1003.66	1003.16	1002.38	1000.99	1000.04	998.98	1005.75
15	997.69	996.42	995.58	994.71	994.03	993.98	993.53	992.91	992.43	992.24	993.82	995.06	
	995.92	997.32	998.61	999.41	999.99	1000.45	1000.97	1001.67	1002.25	1002.47	1002.99	1003.20	997.40
16	1003.25	1003.55	1003.78	1004.20	1004.83	1005.24	1005.95	1006.58	1007.17	1007.68	1008.14	1008.33	
	1008.62	1008.89	1009.14	1009.67	1009.89	1010.23	1010.86	1011.71	1012.14	1012.15	1012.17	1012.16	1008.18
17	1012.29	1012.26	1012.35	1012.49	1012.90	1013.22	1013.45	1013.54	1013.87	1014.06	1014.24	1014.32	
	1013.99	1013.92	1014.03	1014.04	1014.30	1014.66	1014.92	1015.60	1016.15	1016.33	1016.58	1016.56	1014.17
18	1016.53	1016.77	1016.87	1016.99	1017.16	1017.39	1017.55	1017.69	1017.52	1017.37	1016.90	1016.68	
	1016.37	1016.17	1015.93	1015.88	1015.90	1015.95	1016.01	1016.56	1016.76	1016.63	1016.45	1015.96	1016.67
19	1015.52	1015.20	1014.81	1014.28	1014.14	1013.98	1013.65	1013.60	1013.66	1013.44	1012.95	1012.45	
	1011.99	1011.78	1011.79	1012.75	1013.28	1013.13	1012.89	1012.91	1013.08	1013.12	1013.52	1013.75	1013.40
20	1013.72	1013.70	1013.70	1013.89	1014.25	1014.50	1014.52	1014.57	1014.53	1014.35	1014.10	1013.69	
	1013.16	1012.96	1012.83	1012.99	1013.47	1013.78	1014.21	1014.67	1015.03	1015.32	1015.64	1015.76	1014.14
21	1015.65	1015.45	1015.32	1015.25	1015.60	1015.87	1016.02	1015.95	1015.98	1015.84	1015.59	1015.52	
	1015.56	1015.19	1014.75	1014.62	1014.67	1015.04	1015.35	1015.86	1016.26	1016.35	1016.35	1016.38	1015.60
22	1016.19	1016.06	1016.07	1016.04	1016.29	1016.52	1016.47	1016.58	1016.30	1015.92	1015.37	1014.85	
	1014.32	1013.99	1013.69	1013.36	1013.42	1013.92	1013.91	1014.27	1014.78	1014.80	1014.73	1014.70	1015.11
23	1014.75	1014.69	1014.74	1014.60	1014.86	1015.14	1015.44	1015.62	1015.73	1015.65	1015.55	1015.33	
	1015.04	1014.69	1014.33	1014.45	1014.95	1014.74	1014.98	1015.35	1015.79	1015.82	1015.66	1015.47	1015.14
24	1015.29	1015.20	1015.08	1015.06	1015.34	1015.51	1015.59	1015.50	1015.46	1015.48	1015.27	1015.01	
	1014.65	1014.38	1014.20	1014.89	1015.27	1014.92	1015.16	1015.72	1016.14	1016.16	1016.35	1016.25	1015.33
25	1016.06	1015.95	1015.75	1015.71	1015.92	1016.40	1016.64	1016.75	1016.59	1016.61	1016.55	1016.38	
	1016.37	1016.17	1015.85	1015.59	1015.48	1015.48	1015.73	1016.05	1016.47	1016.33	1016.24	1016.10	1016.13
26	1015.71	1015.42	1015.05	1015.24	1015.45	1015.63	1015.68	1015.61	1015.40	1015.21	1014.95	1014.85	
	1014.62	1014.40	1014.20	1013.83	1013.45	1013.09	1012.81	1012.99	1013.05	1012.96	1012.78	1012.35	1014.36
27	1011.62	1011.32	1011.03	1010.53	1010.30	1010.59	1010.57	1010.46	1010.40	1010.41	1010.36	1010.20	
	1010.52	1010.17	1009.81	1009.77	1009.57	1010.22	1010.63	1011.03	1011.38	1011.29	1011.35	1011.16	1010.61
28	1011.10	1010.72	1010.82	1011.02	1011.17	1011.65	1012.16	1012.26	1012.57	1013.17	1013.60	1013.71	
	1013.37	1013.03	1013.07	1012.95	1012.42	1012.86	1013.32	1013.80	1014.44	1014.41	1014.51	1014.66	1012.78
29	1014.43	1013.84	1013.71	1014.04	1014.47	1014.76	1014.72	1014.66	1014.47	1014.37	1014.05	1014.06	
	1014.15	1014.04	1013.65	1013.31	1012.97	1013.02	1013.12	1013.39	1013.58	1013.52	1013.39	1013.02	1013.86
30	1012.83	1012.71	1012.70	1012.59	1012.92	1013.21	1013.08	1013.03	1012.85	1012.48	1012.26	1012.24	
	1011.86	1011.47	1011.09	1010.88	1010.75	1010.74	1010.80	1010.58	1010.77	1010.44	1009.61	1008.91	1011.70
31	1008.29	1007.70	1006.91	1006.38	1005.97	1005.61	1005.76	1005.36	1004.72	1004.16	1003.47	1002.96	
	1002.65	1002.14	1002.35	1002.31	1002.38	1002.69	1003.54	1004.13	1004.84	1005.17	1005.75	1006.00	1004.63
MONTHLY AVG	1010.71	1010.42	1010.20	1010.09	1010.28	1010.51	1010.64	1010.69	1010.67	1010.64	1010.55	1010.46	
	1010.32	1010.15	1010.02	1010.05	1010.07	1010.20	1010.43	1010.80	1011.07	1010.99	1010.94	1010.69	1010.48

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)

Pressure in hectoPascal - June 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1006.03	1006.37	1006.52	1006.76	1007.26	1007.79	1008.04	1008.34	1008.45	1008.42	1008.47	1008.06	
	1008.00	1008.07	1007.82	1007.89	1007.79	1007.75	1007.75	1007.99	1008.06	1007.92	1007.83	1007.33	1007.70
2	1006.68	1006.05	1005.48	1005.41	1005.41	1005.28	1004.97	1004.71	1004.22	1003.85	1003.56	1002.94	
	1003.13	1003.25	1003.44	1004.09	1004.42	1004.72	1004.99	1005.43	1005.77	1006.17	1006.16	1006.24	1004.85
3	1006.20	1006.01	1005.83	1006.20	1006.81	1007.03	1007.23	1007.31	1007.14	1007.08	1007.57	1008.05	
	1008.51	1008.64	1008.35	1008.31	1009.13	1008.88	1009.15	1009.53	1009.82	1009.76	1009.88	1009.87	1008.01
4	1009.81	1009.95	1009.98	1010.35	1010.65	1010.99	1011.48	1011.84	1012.32	1012.52	1012.57	1012.72	
	1012.92	1013.16	1013.43	1013.65	1013.75	1013.73	1014.28	1014.81	1015.27	1015.67	1015.93	1016.12	1012.83
5	1016.21	1016.24	1016.32	1016.54	1016.93	1017.04	1017.29	1017.25	1016.97	1016.87	1016.76	1016.59	
	1016.62	1016.50	1016.30	1016.26	1016.19	1016.14	1016.25	1016.51	1016.89	1017.02	1016.90	1016.78	1016.64
6	1016.50	1016.28	1016.22	1016.23	1016.23	1016.17	1016.17	1015.96	1015.88	1015.65	1015.33	1015.08	
	1014.81	1014.55	1014.37	1014.14	1013.83	1013.83	1014.04	1014.39	1014.72	1014.70	1014.55	1014.35	1015.17
7	1013.92	1013.65	1013.36	1013.40	1013.70	1013.83	1013.92	1013.82	1013.67	1013.62	1013.40	1012.89	
	1012.64	1012.54	1012.27	1012.15	1011.96	1012.21	1012.43	1012.65	1012.85	1012.80	1012.70	1012.57	1013.04
8	1012.31	1011.94	1011.79	1011.90	1012.14	1012.22	1012.35	1012.38	1012.35	1012.22	1012.09	1011.97	
	1011.65	1011.42	1011.02	1010.98	1011.00	1011.13	1011.20	1011.37	1011.66	1011.49	1011.48	1011.41	1011.73
9	1011.32	1011.02	1011.02	1011.15	1011.34	1011.38	1011.40	1011.20	1011.26	1011.39	1011.40	1011.11	
	1010.63	1010.11	1010.22	1010.02	1009.82	1009.99	1010.10	1010.60	1011.04	1011.12	1010.82	1010.32	1010.82
10	1010.11	1010.53	1010.81	1011.05	1011.52	1011.59	1011.57	1011.71	1011.40	1011.26	1010.84	1010.47	
	1010.39	1010.41	1010.47	1010.51	1010.19	1010.55	1010.76	1011.28	1011.66	1011.54	1011.58	1011.76	1011.00
11	1011.77	1011.80	1011.96	1011.80	1011.85	1011.88	1011.57	1011.41	1011.69	1011.82	1012.15	1012.12	
	1011.78	1011.62	1011.58	1011.10	1010.76	1010.93	1011.05	1011.42	1011.84	1012.01	1011.91	1011.77	1011.65
12	1011.59	1011.28	1011.06	1010.75	1010.70	1010.77	1011.03	1011.07	1011.19	1010.38	1011.19	1011.01	
	1011.13	1011.10	1011.20	1010.98	1010.58	1010.12	1009.98	1010.57	1011.11	1011.47	1011.58	1011.46	1010.97
13	1011.19	1011.12	1010.94	1010.82	1010.82	1010.84	1010.93	1010.64	1010.55	1010.55	1010.32	1010.09	
	1010.02	1010.33	1010.47	1010.09	1009.66	1009.52	1009.19	1009.59	1010.60	1011.11	1010.97	1011.15	1010.48
14	1011.36	1011.18	1011.21	1011.65	1011.85	1012.43	1012.84	1012.94	1013.23	1013.08	1013.13	1012.97	
	1012.77	1012.46	1012.02	1011.95	1011.76	1011.85	1012.29	1012.62	1013.26	1013.13	1013.05	1012.85	1012.41
15	1013.00	1013.11	1013.12	1013.11	1012.73	1011.91	1012.05	1012.74	1012.68	1011.89	1011.23	1009.95	
	1009.53	1009.94	1010.55	1010.32	1009.41	1009.49	1008.33	1007.68	1007.71	1007.98	1008.77	1009.16	1010.68
16	1009.58	1010.08	1010.30	1010.66	1010.77	1010.90	1011.14	1011.47	1011.77	1012.33	1012.72	1013.07	
	1013.24	1013.55	1013.42	1013.34	1013.19	1013.33	1013.31	1013.61	1014.02	1014.21	1014.35	1014.21	1012.44
17	1014.59	1014.76	1013.91	1013.68	1013.13	1012.96	1012.93	1012.88	1012.72	1012.38	1012.59	1012.57	
	1012.23	1012.00	1011.89	1011.37	1011.07	1011.14	1011.05	1011.31	1011.61	1011.92	1011.64	1011.07	1012.39
18	1010.23	1011.06	1010.89	1010.98	1010.71	1010.74	1010.55	1010.22	1009.95	1009.75	1009.71	1009.32	
	1008.90	1008.52	1008.35	1008.07	1007.79	1007.55	1007.47	1007.64	1007.75	1007.49	1007.28	1006.89	1009.08
19	1006.52	1006.22	1005.63	1005.56	1005.39	1005.19	1005.03	1004.82	1004.29	1004.02	1003.70	1003.35	
	1002.77	1002.55	1002.66	1002.37	1002.24	1001.97	1001.72	1001.70	1001.71	1001.32	1000.92	1000.21	1003.41
20	999.56	998.86	998.25	998.10	998.58	999.10	999.51	999.79	1000.32	1000.84	1000.94	1001.08	
	1001.43	1001.64	1001.74	1001.89	1002.15	1002.33	1002.51	1002.42	1002.66	1002.51	1002.26	1001.66	1000.84
21	1001.77	1001.54	1001.43	1001.33	1001.50	1001.71	1002.15	1002.38	1002.56	1002.72	1003.17	1003.67	
	1004.11	1004.32	1004.23	1004.68	1005.05	1005.72	1006.59	1007.17	1007.98	1008.58	1008.64	1008.65	1004.24
22	1008.66	1008.88	1008.90	1009.13	1009.57	1009.66	1010.01	1010.15	1010.20	1010.34	1010.41	1010.44	
	1010.72	1010.92	1011.31	1011.57	1011.77	1011.82	1012.16	1012.67	1013.09	1013.14	1013.22	1013.38	1010.92
23	1013.30	1013.06	1013.11	1013.29	1013.43	1013.45	1013.55	1013.50	1013.40	1013.28	1013.21	1012.96	
	1012.77	1012.60	1012.48	1012.27	1012.26	1012.45	1012.70	1013.04	1013.26	1013.37	1013.52	1013.14	1013.06
24	1012.96	1012.81	1012.73	1013.02	1013.22	1013.46	1013.57	1013.46	1013.29	1013.17	1012.85	1012.56	
	1012.32	1012.24	1012.16	1011.93	1011.65	1011.52	1011.53	1012.05	1012.56	1012.59	1012.66	1012.72	1012.63
25	1012.54	1012.35	1012.18	1012.16	1012.41	1012.59	1012.60	1012.51	1012.38	1012.16	1011.95	1011.94	
	1011.66	1011.41	1011.19	1010.94	1010.78	1010.85	1010.81	1011.14	1011.56	1011.71	1011.84	1011.73	1011.81
26	1011.35	1011.11	1010.98	1011.19	1011.34	1011.64	1011.79	1011.91	1011.93	1011.69	1011.50	1011.25	
	1010.99	1010.84	1010.69	1011.88	1012.54	1012.61	1013.02	1012.48	1012.92	1013.32	1013.55	1013.76	1011.93
27	1013.65	1013.55	1013.53	1013.62	1013.75	1013.59	1013.67	1013.55	1013.43	1013.33	1013.11	1012.88	
	1012.65	1012.34	1012.20	1011.94	1011.95	1012.29	1012.77	1013.26	1014.00	1014.02	1014.01	1014.06	1013.21
28	1013.71	1013.49	1013.54	1013.62	1013.93	1014.46	1014.91	1014.80	1014.61	1014.44	1014.13	1013.81	
	1013.48	1013.36	1013.37	1013.35	1013.26	1013.32	1013.39	1013.99	1014.52	1014.72	1014.77	1014.68	1013.99
29	1014.25	1013.88	1013.86	1014.08	1014.21	1014.18	1014.19	1014.26	1013.93	1013.76	1013.59	1013.43	
	1013.61	1013.51	1013.26	1012.83	1012.35	1012.15	1012.52	1013.08	1013.82	1013.86	1013.87	1013.80	1013.59
30	1013.77	1013.53	1013.40	1013.52	1013.70	1013.95	1014.18	1014.08	1013.91	1013.96	1013.78	1013.67	
	1013.70	1013.52	1013.20	1012.78	1012.69	1012.91	1012.98	1013.41	1013.74	1013.85	1013.87	1013.79	1013.58
MONTHLY	1010.82	1010.72	1010.61	1010.70	1010.85	1010.96	1011.09	1011.10	1011.06	1010.96	1010.91	1010.73	
AVG	1010.64	1010.58	1010.52	1010.46	1010.37	1010.43	1010.54	1010.85	1011.25	1011.35	1011.35	1011.23	1010.84

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - July 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1013.70	1013.39	1013.36	1013.68	1013.81	1013.96	1013.97	1013.89	1013.83	1013.75	1013.61	1013.21	
	1013.07	1012.91	1012.71	1012.47	1012.83	1013.17	1013.14	1013.27	1013.64	1013.79	1013.83	1013.82	1013.45
2	1013.84	1013.96	1013.89	1014.02	1014.28	1014.58	1014.78	1014.58	1014.32	1014.19	1013.79	1013.45	
	1013.30	1013.21	1012.95	1012.79	1012.95	1013.15	1013.26	1013.40	1013.95	1014.23	1013.97	1014.05	1013.79
3	1013.93	1013.85	1013.82	1013.93	1014.01	1014.15	1014.33	1014.32	1014.28	1014.07	1013.97	1013.70	
	1013.62	1013.44	1013.33	1013.72	1014.11	1013.59	1013.91	1014.42	1014.74	1014.68	1014.64	1014.56	1014.05
4	1014.34	1014.11	1014.24	1014.50	1014.69	1014.91	1015.16	1015.39	1015.26	1015.16	1014.94	1014.62	
	1014.18	1014.00	1013.76	1013.76	1014.07	1014.12	1013.65	1014.23	1015.02	1015.31	1015.16	1014.96	1014.56
5	1014.59	1014.35	1014.31	1014.37	1014.64	1014.87	1015.01	1014.73	1014.45	1014.31	1014.35	1014.16	
	1013.85	1013.71	1013.29	1012.69	1012.66	1013.20	1013.58	1013.68	1013.91	1014.07	1013.91	1013.62	1014.01
6	1013.26	1012.94	1012.97	1012.80	1013.03	1013.30	1013.46	1013.43	1013.51	1013.33	1012.90	1012.52	
	1012.25	1012.28	1012.55	1011.59	1012.57	1012.79	1012.74	1013.49	1013.95	1013.70	1013.47	1013.82	1013.03
7	1013.82	1013.63	1013.68	1013.76	1013.84	1014.07	1014.61	1014.69	1014.69	1014.82	1014.79	1014.45	
	1014.17	1014.33	1014.20	1013.90	1014.02	1014.07	1014.45	1015.27	1015.82	1016.22	1016.31	1016.31	1014.58
8	1016.52	1016.60	1016.67	1016.95	1017.20	1017.45	1017.76	1018.02	1018.20	1018.37	1018.51	1018.57	
	1018.36	1018.12	1017.91	1017.58	1017.35	1017.29	1017.37	1017.83	1018.01	1018.14	1018.10	1018.06	1017.71
9	1017.90	1017.66	1017.66	1017.59	1017.65	1017.87	1017.90	1017.93	1017.91	1017.74	1017.61	1017.41	
	1017.47	1017.50	1017.31	1017.17	1017.17	1017.22	1017.36	1017.76	1018.03	1017.97	1018.02	1017.73	1017.65
10	1017.43	1017.27	1017.11	1017.20	1017.46	1017.66	1017.54	1017.51	1017.09	1017.05	1016.78	1016.27	
	1015.86	1015.73	1015.67	1015.34	1015.17	1015.27	1015.37	1015.66	1016.10	1016.16	1016.16	1016.02	1016.45
11	1015.73	1015.38	1015.11	1015.19	1015.23	1015.59	1016.01	1016.00	1015.67	1015.49	1015.32	1015.23	
	1015.08	1014.93	1014.65	1014.49	1014.59	1014.92	1014.92	1015.27	1015.60	1015.66	1015.70	1015.66	1015.31
12	1015.38	1014.99	1014.66	1014.53	1014.69	1014.82	1014.89	1014.70	1014.48	1014.60	1014.80	1014.60	
	1014.29	1013.99	1013.63	1013.37	1013.28	1012.71	1012.89	1013.45	1013.83	1013.88	1013.96	1014.02	1014.18
13	1013.70	1013.22	1013.03	1013.01	1013.25	1013.46	1013.64	1013.46	1013.54	1013.54	1013.53	1013.42	
	1013.18	1012.95	1012.79	1012.41	1012.18	1012.34	1012.43	1013.08	1013.51	1013.53	1013.36	1013.40	1013.17
14	1013.19	1012.86	1012.73	1012.77	1013.06	1013.21	1013.43	1013.29	1013.20	1013.02	1012.74	1012.29	
	1011.86	1011.63	1011.42	1011.19	1010.84	1010.91	1011.21	1011.59	1011.92	1012.23	1011.97	1011.76	1012.26
15	1011.70	1011.40	1011.19	1011.03	1011.22	1011.44	1011.68	1011.95	1012.01	1012.07	1011.99	1011.79	
	1011.69	1011.80	1011.86	1011.78	1011.57	1011.64	1011.69	1011.99	1012.37	1012.35	1012.48	1012.54	1011.80
16	1012.41	1012.20	1012.20	1012.46	1012.74	1013.01	1013.18	1013.16	1013.24	1013.17	1012.94	1012.53	
	1012.34	1012.22	1012.28	1012.12	1012.05	1012.14	1012.50	1013.02	1013.21	1013.21	1013.23	1013.19	1012.70
17	1013.11	1012.85	1012.80	1013.14	1013.35	1013.50	1013.63	1013.59	1013.55	1013.47	1013.22	1013.00	
	1012.91	1012.74	1012.49	1012.21	1012.08	1012.04	1012.10	1012.64	1012.70	1012.80	1013.10	1013.07	1012.92
18	1012.92	1012.59	1012.31	1012.21	1012.42	1012.73	1012.93	1012.86	1012.70	1012.53	1012.40	1012.30	
	1012.09	1011.95	1011.60	1011.32	1011.08	1011.05	1011.28	1011.75	1012.17	1012.26	1012.42	1012.44	1012.18
19	1012.54	1012.51	1012.54	1012.70	1012.78	1012.84	1012.96	1012.86	1012.79	1012.52	1012.48	1012.29	
	1012.14	1012.03	1011.97	1011.68	1011.64	1011.71	1011.83	1012.38	1012.46	1012.31	1012.32	1012.18	1012.35
20	1012.07	1011.80	1011.73	1011.97	1012.12	1012.24	1012.38	1012.43	1012.13	1011.90	1011.64	1011.21	
	1010.81	1010.74	1010.62	1010.43	1010.39	1010.37	1010.26	1011.05	1011.63	1011.58	1011.35	1011.17	1011.42
21	1010.99	1010.74	1010.63	1010.73	1010.96	1011.26	1011.74	1011.91	1011.97	1011.98	1011.85	1011.67	
	1011.50	1011.42	1011.34	1011.29	1011.12	1011.47	1011.58	1012.06	1012.47	1012.74	1012.57	1012.53	1011.60
22	1012.41	1012.40	1012.57	1012.59	1012.73	1013.01	1013.28	1013.48	1013.60	1013.53	1013.32	1013.08	
	1012.87	1012.50	1012.46	1012.58	1012.67	1012.74	1013.08	1013.46	1013.78	1013.84	1013.92	1013.92	1013.08
23	1013.75	1013.55	1013.52	1013.70	1014.06	1014.51	1014.58	1014.58	1014.37	1014.20	1013.86	1013.41	
	1013.03	1013.00	1012.83	1012.69	1012.55	1012.38	1012.06	1011.88	1011.94	1011.69	1011.18	1010.67	1013.08
24	1010.15	1009.34	1008.85	1008.45	1008.29	1008.38	1008.18	1007.62	1007.21	1007.07	1007.20	1006.75	
	1006.39	1006.53	1006.34	1006.02	1006.03	1006.17	1006.43	1006.77	1006.97	1007.21	1007.36	1007.21	1007.37
25	1006.85	1006.54	1006.51	1006.33	1006.20	1006.25	1006.47	1006.37	1006.09	1005.86	1005.46	1005.06	
	1004.55	1003.96	1003.67	1003.36	1003.24	1003.33	1004.12	1004.58	1004.94	1005.40	1005.57	1005.61	1005.26
26	1005.50	1005.59	1005.62	1005.81	1006.08	1006.38	1006.64	1006.45	1006.38	1006.56	1006.36	1006.04	
	1005.73	1005.64	1005.80	1005.83	1006.14	1006.75	1007.56	1008.37	1009.00	1009.53	1009.88	1009.93	1006.81
27	1009.71	1009.81	1010.05	1010.56	1010.73	1011.09	1011.40	1011.69	1011.94	1012.02	1011.79	1011.65	
	1011.47	1011.36	1011.52	1011.67	1012.04	1012.64	1012.87	1013.57	1014.13	1014.62	1015.01	1015.23	1012.02
28	1015.09	1014.98	1015.01	1015.16	1015.58	1015.89	1016.26	1016.54	1016.57	1016.41	1016.02	1015.54	
	1015.11	1014.83	1014.60	1014.30	1014.17	1014.27	1014.43	1014.71	1015.00	1015.03	1014.91	1014.57	1015.21
29	1014.05	1013.53	1013.08	1012.71	1012.44	1012.17	1012.18	1011.87	1011.52	1011.22	1011.11	1010.89	
	1010.53	1010.28	1009.71	1009.21	1008.75	1008.41	1008.31	1008.76	1008.63	1008.66	1008.76	1008.29	1010.63
30	1007.72	1006.80	1006.47	1006.17	1006.22	1005.86	1006.40	1006.71	1006.77	1006.82	1007.26	1007.10	
	1006.81	1006.96	1007.24	1007.13	1006.99	1007.25	1008.78	1009.64	1007.82	1008.26	1008.63	1008.95	1007.28
31	1008.58	1008.59	1008.59	1008.75	1009.24	1009.83	1010.36	1010.55	1010.72	1011.20	1011.41	1011.25	
	1011.22	1011.11	1011.08	1011.23	1011.57	1012.06	1012.68	1013.33	1013.81	1014.20	1014.57	1014.63	1011.27
MONTHLY AVG	1012.80	1012.56	1012.48	1012.54	1012.71	1012.91	1013.12	1013.11	1013.03	1012.97	1012.84	1012.56	
	1012.31	1012.19	1012.05	1011.85	1011.87	1011.97	1012.19	1012.66	1012.94	1013.07	1013.09	1013.03	1012.62

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 Pressure in hectoPascal - August 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1014.51	1014.47	1014.61	1014.85	1015.10	1015.50	1015.94	1016.06	1016.03	1015.93	1015.85	1015.56	
	1015.37	1015.31	1015.23	1014.96	1014.69	1014.76	1015.07	1015.39	1015.57	1015.54	1015.50	1015.44	1015.30
2	1015.42	1015.14	1014.82	1014.76	1014.68	1014.64	1014.70	1014.53	1014.49	1014.36	1013.96	1013.42	
	1013.04	1012.70	1012.46	1012.09	1011.64	1011.62	1011.79	1012.04	1011.98	1011.80	1011.67	1011.46	1013.30
3	1011.23	1010.77	1010.28	1010.24	1010.42	1010.30	1009.89	1009.86	1009.84	1009.55	1009.07	1008.75	
	1008.50	1008.27	1008.02	1007.74	1007.40	1007.52	1007.80	1008.31	1008.22	1007.62	1007.25	1006.94	1008.91
4	1006.64	1006.24	1005.89	1005.86	1006.13	1006.18	1006.39	1006.41	1006.23	1006.09	1005.78	1005.57	
	1005.34	1005.03	1004.83	1004.62	1004.38	1004.55	1004.65	1004.98	1005.19	1005.10	1005.04	1004.76	1005.49
5	1004.57	1004.64	1004.58	1004.42	1004.35	1004.38	1004.61	1004.81	1004.98	1004.72	1004.58	1004.22	
	1004.31	1004.43	1004.52	1004.43	1004.31	1004.35	1004.32	1004.57	1004.75	1005.02	1005.24	1005.10	1004.59
6	1004.74	1004.48	1004.57	1004.94	1005.43	1006.30	1006.93	1007.25	1007.52	1007.57	1007.91	1008.14	
	1008.50	1008.74	1009.02	1009.19	1009.28	1009.64	1010.33	1011.21	1011.65	1011.80	1012.00	1012.18	1008.30
7	1012.23	1012.28	1012.47	1012.85	1013.32	1013.76	1014.31	1014.55	1014.57	1014.54	1014.29	1014.04	
	1014.17	1014.26	1014.28	1014.36	1014.42	1014.76	1015.23	1015.92	1016.18	1016.14	1016.19	1016.20	1014.39
8	1016.06	1015.84	1015.79	1015.73	1015.86	1016.20	1016.44	1016.70	1016.70	1016.51	1016.00	1015.54	
	1015.28	1015.14	1015.01	1014.80	1014.60	1014.67	1014.94	1015.58	1015.82	1015.64	1015.70	1015.51	1015.67
9	1015.47	1015.24	1014.98	1014.82	1015.12	1015.45	1015.55	1015.63	1015.62	1015.25	1014.79	1014.14	
	1013.82	1013.68	1013.39	1013.25	1013.42	1013.49	1013.50	1013.85	1013.72	1013.71	1013.82	1013.76	1014.39
10	1013.61	1013.42	1013.44	1013.42	1013.29	1013.47	1013.74	1013.86	1013.92	1013.76	1013.41	1013.30	
	1013.30	1013.10	1012.70	1012.54	1012.41	1012.56	1012.81	1013.06	1013.35	1013.47	1013.62	1013.46	1013.29
11	1013.27	1013.10	1012.96	1013.14	1013.45	1013.62	1013.72	1013.80	1013.73	1013.78	1013.72	1013.48	
	1013.19	1012.86	1012.66	1012.71	1012.62	1012.68	1012.81	1013.38	1013.62	1013.62	1013.50	1013.34	1013.28
12	1012.96	1012.69	1012.43	1012.37	1012.22	1012.25	1012.34	1012.52	1012.65	1012.75	1012.63	1012.41	
	1012.29	1012.13	1012.00	1012.09	1011.85	1011.70	1012.29	1012.81	1012.85	1012.59	1012.64	1012.55	1012.42
13	1012.18	1012.15	1011.95	1011.90	1011.97	1011.74	1011.51	1012.05	1012.54	1012.64	1012.37	1012.73	
	1012.26	1012.19	1011.99	1012.20	1012.02	1011.99	1012.02	1012.11	1012.17	1012.39	1012.42	1012.46	1012.16
14	1012.36	1012.30	1012.36	1012.12	1011.85	1011.77	1011.63	1011.70	1012.16	1011.83	1011.87	1010.55	
	1009.87	1009.04	1010.05	1010.64	1010.12	1010.34	1010.27	1010.54	1011.19	1011.89	1012.08	1012.26	1011.28
15	1012.64	1013.06	1013.23	1013.22	1013.86	1014.10	1014.60	1015.02	1014.90	1015.05	1015.46	1015.28	
	1014.89	1015.03	1015.20	1015.00	1014.56	1014.24	1014.56	1014.86	1014.97	1015.06	1015.02	1014.85	1014.53
16	1014.85	1014.72	1014.46	1014.49	1014.73	1015.01	1015.58	1015.67	1015.50	1015.28	1014.88	1014.61	
	1014.56	1014.27	1014.30	1014.36	1014.17	1014.26	1014.68	1015.46	1016.00	1016.50	1016.41	1016.11	1015.04
17	1015.59	1015.02	1014.54	1014.35	1014.52	1014.76	1015.15	1015.32	1015.53	1015.30	1015.02	1014.60	
	1014.19	1013.91	1013.32	1013.08	1012.94	1013.04	1013.31	1013.82	1013.89	1013.94	1014.01	1013.94	1014.30
18	1013.89	1013.53	1013.41	1013.20	1013.01	1013.01	1013.13	1013.11	1013.44	1013.55	1013.27	1012.98	
	1012.67	1012.32	1012.23	1012.40	1012.25	1012.16	1012.14	1012.96	1013.56	1013.84	1014.05	1014.20	1013.10
19	1014.13	1013.95	1013.84	1014.07	1014.59	1014.83	1015.05	1015.38	1015.67	1015.66	1015.68	1015.82	
	1015.98	1015.87	1015.68	1015.79	1016.04	1016.45	1016.91	1017.42	1017.69	1017.70	1017.55	1017.17	1015.79
20	1017.07	1017.33	1017.35	1017.56	1018.17	1018.87	1019.17	1019.01	1019.63	1018.45	1018.99	1018.91	
	1018.70	1017.76	1017.32	1017.93	1017.96	1018.35	1018.60	1018.87	1018.71	1018.58	1018.40	1018.15	1018.33
21	1017.96	1017.81	1017.67	1017.65	1017.95	1018.44	1018.69	1018.57	1018.42	1018.02	1017.53	1017.06	
	1016.86	1016.51	1016.24	1015.96	1015.37	1015.44	1015.56	1015.73	1015.73	1015.86	1016.00	1015.86	1016.95
22	1015.54	1015.43	1015.24	1015.08	1015.17	1015.24	1015.13	1015.07	1015.07	1014.87	1014.46	1013.96	
	1013.87	1013.53	1013.26	1012.94	1012.86	1012.90	1013.37	1013.64	1013.54	1013.30	1013.18	1013.01	1014.15
23	1012.56	1012.24	1012.04	1012.09	1011.96	1011.97	1012.27	1012.21	1012.45	1012.29	1011.92	1011.58	
	1011.32	1011.01	1010.74	1010.70	1010.62	1010.78	1011.06	1011.54	1011.69	1011.83	1011.88	1011.95	1011.69
24	1011.73	1011.51	1011.25	1011.30	1011.57	1011.91	1012.33	1012.61	1012.76	1012.75	1012.73	1012.73	
	1012.58	1012.35	1012.11	1012.03	1011.87	1011.89	1012.50	1013.03	1013.28	1013.67	1013.70	1013.54	1012.40
25	1013.28	1013.08	1013.08	1013.08	1013.42	1013.90	1014.24	1014.39	1014.44	1014.32	1014.10	1013.92	
	1013.83	1013.77	1013.69	1013.64	1013.72	1013.89	1014.27	1014.90	1015.21	1015.34	1015.30	1015.20	1014.08
26	1015.06	1014.85	1014.61	1014.58	1014.74	1014.90	1014.98	1015.01	1015.16	1015.04	1014.73	1014.40	
	1014.13	1013.69	1013.68	1013.76	1013.74	1013.70	1013.92	1014.09	1014.02	1014.02	1013.86	1013.56	1014.34
27	1013.00	1012.39	1012.47	1012.46	1012.26	1012.17	1012.48	1012.29	1012.41	1012.13	1011.72	1011.76	
	1011.57	1010.87	1010.68	1010.43	1010.00	1010.04	1010.46	1010.81	1010.59	1010.62	1010.18	1009.62	1011.39
28	1009.16	1008.87	1008.41	1008.12	1007.99	1007.77	1007.43	1007.34	1007.18	1007.03	1006.74	1006.31	
	1006.19	1005.81	1005.24	1005.19	1005.03	1005.12	1005.47	1005.71	1005.87	1006.25	1006.25	1006.27	1006.70
29	1006.32	1006.41	1006.48	1006.54	1007.02	1007.60	1008.14	1008.70	1009.33	1009.43	1009.32	1009.18	
	1009.00	1008.86	1008.89	1008.82	1008.79	1008.91	1009.26	1009.57	1009.56	1009.41	1009.08	1008.85	1008.48
30	1008.56	1008.36	1007.92	1007.52	1007.21	1006.96	1006.84	1006.70	1006.49	1006.27	1005.96	1005.76	
	1005.42	1004.71	1004.12	1003.87	1003.56	1003.36	1003.51	1004.23	1004.88	1005.07	1005.07	1005.34	1005.74
31	1005.52	1005.84	1005.95	1006.18	1006.58	1007.41	1008.00	1008.48	1008.96	1008.88	1008.76	1008.52	
	1008.31	1008.03	1008.03	1008.07	1008.20	1008.54	1009.29	1010.07	1010.61	1011.00	1011.31	1011.53	1008.42
MONTHLY AVG	1012.33	1012.17	1012.03	1012.03	1012.19	1012.40	1012.61	1012.73	1012.85	1012.70	1012.50	1012.23	
	1012.04	1011.78	1011.64	1011.60	1011.45	1011.54	1011.83	1012.27	1012.45	1012.53	1012.51	1012.40	1012.20

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 Pressure in hectoPascal - September 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1011.66	1011.77	1011.80	1011.90	1012.27	1012.55	1012.67	1012.91	1013.03	1012.84	1012.66	1012.52	
	1012.47	1012.25	1012.09	1012.10	1012.25	1012.45	1013.04	1013.53	1013.82	1014.02	1014.07	1014.00	1012.69
2	1013.81	1013.76	1013.63	1013.54	1013.70	1014.10	1014.25	1014.47	1014.88	1014.95	1014.69	1014.40	
	1014.03	1013.90	1013.75	1013.60	1013.33	1013.40	1013.87	1014.21	1013.76	1013.76	1013.77	1013.51	1013.96
3	1013.03	1012.64	1012.07	1011.68	1011.51	1012.17	1012.34	1012.57	1012.68	1012.69	1012.46	1012.08	
	1011.63	1011.11	1010.69	1010.73	1010.68	1010.78	1011.43	1012.21	1012.51	1012.93	1013.21	1013.17	1012.04
4	1012.95	1012.68	1012.52	1012.35	1012.55	1012.86	1013.00	1013.25	1013.54	1013.45	1012.98	1012.46	
	1012.31	1012.04	1011.89	1011.82	1011.82	1012.06	1012.70	1013.16	1013.48	1013.52	1013.49	1013.49	1012.77
5	1013.44	1013.40	1013.58	1013.83	1013.91	1014.26	1014.51	1014.64	1014.89	1014.67	1014.47	1014.16	
	1013.85	1013.59	1013.26	1013.28	1013.43	1013.51	1014.09	1014.43	1014.44	1014.53	1014.42	1014.15	1014.03
6	1013.85	1013.67	1013.51	1013.14	1013.14	1013.42	1013.72	1013.85	1013.88	1013.46	1013.05	1012.72	
	1012.11	1011.57	1011.61	1011.57	1011.84	1011.78	1012.33	1012.56	1012.75	1012.96	1012.98	1012.85	1012.85
7	1012.55	1012.34	1012.15	1011.76	1011.67	1011.81	1011.62	1011.74	1011.88	1011.56	1010.97	1010.43	
	1010.02	1009.54	1009.43	1008.97	1008.53	1008.26	1008.29	1008.30	1007.92	1007.67	1007.59	1006.95	1010.08
8	1006.42	1005.95	1005.71	1005.67	1006.03	1006.35	1006.59	1006.56	1007.24	1007.28	1007.79	1008.06	
	1008.30	1008.39	1008.70	1008.82	1009.16	1009.74	1010.40	1010.83	1011.05	1011.31	1011.41	1011.26	1008.29
9	1011.32	1011.62	1011.71	1011.70	1011.73	1012.14	1012.14	1012.63	1012.87	1013.10	1013.41	1013.39	
	1013.17	1012.81	1012.81	1013.03	1012.75	1012.59	1013.20	1013.71	1013.67	1013.75	1013.56	1013.13	1012.75
10	1012.81	1012.33	1012.15	1011.93	1011.80	1011.82	1011.70	1012.00	1012.24	1011.80	1011.35	1010.93	
	1010.57	1010.16	1010.06	1010.13	1010.21	1010.17	1010.55	1010.98	1011.19	1011.29	1011.23	1010.87	1011.26
11	1010.46	1010.09	1009.71	1009.50	1009.70	1009.87	1010.14	1010.53	1010.77	1010.90	1010.85	1010.94	
	1010.71	1010.37	1010.27	1010.35	1010.77	1011.39	1012.15	1012.89	1013.31	1013.48	1013.57	1013.61	1011.10
12	1013.67	1013.91	1013.88	1013.86	1014.00	1014.48	1014.60	1014.84	1015.00	1014.96	1014.62	1014.25	
	1013.76	1013.34	1013.25	1013.48	1013.82	1014.13	1014.62	1014.93	1015.19	1015.53	1015.76	1015.84	1014.41
13	1015.72	1015.63	1015.47	1015.28	1015.28	1015.38	1015.45	1015.64	1015.52	1015.24	1014.81	1014.39	
	1013.97	1013.67	1013.48	1013.43	1013.72	1013.73	1014.09	1014.49	1014.65	1014.58	1014.72	1014.66	1014.71
14	1014.26	1013.81	1014.55	1014.84	1014.94	1015.25	1015.87	1016.00	1015.81	1015.87	1015.61	1015.51	
	1015.07	1014.96	1015.49	1015.40	1015.24	1015.29	1015.65	1015.89	1016.14	1016.28	1016.31	1016.40	1015.43
15	1016.36	1016.25	1016.25	1016.20	1016.33	1016.69	1016.88	1016.98	1017.03	1016.82	1016.56	1016.36	
	1016.08	1015.33	1014.82	1014.56	1014.39	1014.59	1015.07	1015.32	1015.44	1015.41	1015.22	1015.30	1015.84
16	1015.07	1014.75	1014.32	1014.03	1014.06	1014.25	1014.37	1014.32	1014.18	1014.05	1013.92	1013.88	
	1013.45	1013.37	1013.48	1013.43	1013.32	1013.62	1014.01	1014.30	1014.53	1014.78	1014.57	1014.47	1014.11
17	1014.00	1013.55	1013.15	1013.06	1013.13	1013.69	1014.02	1014.28	1014.51	1014.15	1014.14	1013.85	
	1013.35	1013.12	1013.11	1013.29	1013.16	1013.07	1013.55	1013.69	1013.71	1013.76	1013.37	1013.50	1013.59
18	1013.42	1013.21	1013.09	1012.84	1013.14	1013.11	1013.12	1013.76	1013.69	1013.80	1013.67	1013.15	
	1012.95	1012.58	1010.97	1009.97	1009.77	1010.13	1010.73	1010.63	1009.88	1009.22	1008.65	1008.63	1011.84
19	1007.92	1007.83	1008.08	1008.89	1009.15	1009.19	1009.32	1009.63	1010.03	1009.98	1009.77	1009.68	
	1009.55	1009.70	1009.83	1009.95	1010.76	1011.12	1011.99	1012.71	1013.00	1013.33	1013.55	1013.71	1010.36
20	1013.67	1013.80	1014.03	1014.31	1014.59	1015.00	1015.49	1015.76	1015.82	1015.83	1015.65	1015.19	
	1014.81	1014.45	1014.38	1014.67	1014.70	1015.06	1015.55	1016.17	1016.63	1016.83	1016.67	1016.44	1015.23
21	1016.41	1016.41	1016.46	1016.26	1016.34	1016.54	1016.65	1016.96	1017.17	1017.20	1017.08	1016.98	
	1016.77	1016.60	1016.47	1016.51	1016.63	1016.71	1017.03	1017.05	1016.93	1016.83	1016.83	1016.82	1016.74
22	1016.67	1016.41	1016.35	1016.29	1016.30	1016.45	1016.55	1016.70	1017.01	1016.95	1016.76	1016.43	
	1016.07	1015.93	1015.63	1015.42	1015.42	1015.64	1015.91	1016.02	1016.10	1016.18	1016.26	1016.18	1016.23
23	1016.06	1015.97	1015.77	1015.69	1015.67	1016.05	1016.27	1016.36	1016.36	1015.91	1015.23	1014.67	
	1014.21	1014.05	1013.74	1013.63	1013.52	1013.59	1013.84	1013.98	1013.69	1013.08	1012.46	1011.90	1014.65
24	1011.32	1010.80	1010.39	1009.80	1009.30	1009.09	1008.47	1008.15	1007.75	1007.15	1006.66	1005.81	
	1004.90	1004.05	1003.21	1002.86	1002.09	1001.43	1001.41	1001.48	1000.91	1000.32	999.57	999.03	1005.25
25	998.56	997.86	997.23	996.87	996.49	996.61	996.78	996.71	996.73	996.56	996.01	995.56	
	995.40	995.38	995.41	995.70	996.06	996.54	997.36	997.92	998.14	998.14	998.34	998.33	996.86
26	998.53	998.68	999.04	999.44	999.72	1000.46	1001.09	1001.55	1002.18	1002.47	1003.04	1003.80	
	1004.28	1004.85	1005.21	1005.39	1005.28	1005.71	1006.18	1006.86	1007.09	1007.40	1007.65	1007.66	1003.48
27	1007.93	1007.88	1007.89	1008.06	1008.18	1008.42	1008.93	1009.60	1010.02	1010.25	1010.60	1010.67	
	1010.65	1010.90	1010.98	1010.99	1011.06	1011.22	1011.62	1011.93	1012.13	1012.28	1012.58	1012.85	1010.32
28	1012.89	1012.55	1012.23	1012.11	1012.30	1012.68	1012.83	1013.05	1013.22	1013.30	1013.09	1013.03	
	1012.91	1013.06	1013.07	1012.92	1012.79	1012.76	1012.89	1012.87	1012.83	1012.88	1012.99	1012.48	1012.82
29	1012.17	1011.90	1011.91	1012.00	1012.17	1012.27	1012.61	1013.05	1013.10	1013.07	1012.77	1012.53	
	1012.23	1012.03	1012.04	1012.25	1012.55	1013.10	1013.67	1014.13	1014.60	1014.85	1015.03	1015.13	1012.96
30	1015.25	1015.02	1014.93	1015.04	1015.15	1015.54	1015.84	1016.05	1016.00	1015.81	1015.42	1014.94	
	1014.75	1014.53	1014.40	1014.40	1014.36	1014.41	1014.68	1014.87	1014.96	1014.94	1014.97	1014.74	1015.04
MONTHLY AVG	1012.07	1011.88	1011.79	1011.73	1011.81	1012.08	1012.26	1012.49	1012.63	1012.54	1012.34	1012.09	
	1011.81	1011.59	1011.45	1011.42	1011.45	1011.60	1012.06	1012.40	1012.48	1012.53	1012.49	1012.37	1012.06

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Pressure in hectoPascal - October 2010

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1014.21	1013.95	1013.83	1013.52	1013.54	1013.70	1014.01	1014.10	1014.07	1013.90	1013.87	1013.58	
	1013.31	1013.23	1013.12	1013.16	1013.70	1014.20	1014.83	1015.14	1015.59	1015.67	1015.66	1015.78	1014.15
2	1015.81	1015.72	1015.74	1015.82	1015.97	1016.20	1016.70	1017.07	1017.34	1017.37	1017.34	1016.94	
	1016.78	1016.75	1016.81	1016.84	1016.90	1017.23	1017.48	1017.55	1017.60	1017.63	1017.46	1017.35	1016.85
3	1017.18	1016.92	1016.85	1016.83	1016.95	1017.12	1017.40	1017.77	1017.71	1017.43	1017.11	1016.50	
	1015.70	1015.17	1014.92	1014.79	1014.92	1015.02	1015.26	1015.38	1015.18	1015.01	1014.63	1014.15	1016.08
4	1013.74	1013.27	1012.90	1012.80	1012.94	1013.25	1013.24	1013.11	1012.78	1012.22	1011.45	1010.92	
	1011.07	1011.60	1011.50	1011.34	1010.78	1010.84	1010.85	1010.96	1011.02	1010.20	1010.92	1011.31	1011.88
5	1010.98	1010.62	1010.36	1010.13	1010.04	1009.59	1009.26	1009.68	1009.40	1009.15	1010.01	1010.48	
	1010.55	1010.84	1010.87	1010.94	1011.08	1011.46	1011.71	1012.25	1012.60	1012.51	1012.48	1012.42	1010.81
6	1012.38	1012.02	1011.97	1011.85	1011.84	1011.98	1012.45	1012.83	1013.13	1012.97	1012.64	1012.24	
	1011.89	1011.74	1011.52	1011.70	1012.09	1012.54	1013.08	1013.56	1014.03	1014.34	1014.36	1014.40	1012.65
7	1014.61	1014.73	1014.86	1015.18	1015.44	1015.85	1016.27	1016.77	1017.13	1017.16	1016.81	1016.29	
	1015.80	1015.67	1015.62	1015.69	1015.84	1016.34	1016.59	1016.90	1016.95	1017.07	1016.92	1016.78	1016.14
8	1016.93	1016.90	1016.75	1016.77	1016.85	1016.95	1017.10	1017.31	1017.57	1017.50	1017.23	1016.55	
	1016.12	1015.94	1015.73	1015.79	1016.04	1016.50	1016.72	1017.01	1017.23	1017.51	1017.49	1017.41	1016.83
9	1017.27	1016.81	1016.47	1016.33	1016.24	1016.17	1016.44	1016.77	1016.77	1016.44	1015.97	1015.06	
	1014.42	1013.77	1013.06	1012.66	1012.56	1012.69	1013.02	1013.31	1013.46	1013.34	1013.01	1012.64	1014.78
10	1012.27	1011.69	1011.03	1010.28	1009.89	1009.96	1010.37	1010.35	1009.77	1009.13	1008.28	1007.64	
	1006.65	1006.26	1005.74	1005.26	1005.22	1004.93	1004.99	1005.11	1004.67	1004.38	1003.51	1002.67	1007.50
11	1002.34	1002.18	1001.99	1001.43	1001.63	1001.79	1002.56	1003.23	1003.59	1003.88	1004.30	1004.64	
	1004.52	1004.67	1004.95	1005.01	1005.21	1005.79	1006.25	1006.56	1006.77	1007.20	1007.62	1007.91	1004.42
12	1007.86	1007.58	1007.38	1007.39	1007.38	1007.56	1007.68	1007.84	1007.86	1007.58	1007.06	1006.31	
	1005.56	1004.90	1004.86	1005.61	1005.56	1005.27	1004.81	1004.77	1004.69	1005.02	1005.36	1005.78	1006.32
13	1005.57	1004.99	1004.39	1003.96	1003.86	1003.82	1004.28	1004.36	1004.03	1004.36	1004.36	1003.92	
	1003.52	1003.08	1002.78	1002.76	1003.39	1003.82	1004.09	1004.45	1004.42	1004.36	1004.25	1004.81	1004.07
14	1004.54	1004.14	1003.83	1003.86	1004.18	1004.34	1004.78	1005.14	1005.40	1005.56	1005.68	1005.42	
	1004.84	1004.70	1004.73	1004.78	1005.00	1005.29	1005.58	1005.89	1006.06	1006.02	1005.95	1005.80	1005.06
15	1005.65	1005.47	1005.15	1005.11	1005.12	1005.08	1005.51	1005.77	1005.76	1005.85	1005.75	1005.20	
	1004.89	1004.85	1004.73	1004.66	1004.84	1005.24	1005.24	1005.36	1005.55	1005.48	1005.18	1005.01	1005.27
16	1004.99	1004.69	1004.41	1004.33	1004.26	1004.23	1004.45	1004.66	1004.79	1005.00	1004.91	1004.40	
	1003.94	1003.85	1003.86	1003.88	1004.30	1004.87	1005.29	1005.46	1005.58	1005.57	1005.33	1005.09	1004.67
17	1005.02	1004.71	1004.47	1004.54	1004.68	1004.71	1004.91	1005.18	1005.61	1005.93	1006.07	1005.94	
	1005.85	1006.00	1006.22	1006.45	1006.72	1007.08	1007.17	1007.27	1007.40	1007.33	1007.25	1007.16	1005.99
18	1006.90	1006.66	1006.29	1006.12	1006.18	1006.05	1006.25	1006.39	1006.44	1005.95	1005.43	1004.58	
	1003.61	1002.97	1002.46	1002.05	1001.90	1001.97	1001.77	1001.55	1001.30	1000.77	1000.23	999.86	1003.90
19	999.30	998.93	998.82	998.85	998.88	999.03	999.66	1000.01	1000.36	1000.38	1000.34	1000.39	
	1000.23	1000.24	1000.27	1000.46	1001.11	1002.06	1002.87	1003.32	1003.77	1004.30	1004.54	1004.65	1000.95
20	1004.88	1005.12	1005.00	1005.08	1004.92	1005.06	1005.43	1005.39	1005.24	1004.86	1004.78	1004.52	
	1004.40	1004.73	1005.28	1006.01	1006.95	1008.26	1009.32	1010.25	1011.04	1011.80	1012.43	1012.86	1006.82
21	1013.35	1013.65	1014.01	1014.49	1015.09	1015.88	1016.83	1017.57	1018.02	1018.33	1018.79	1018.71	
	1018.49	1018.63	1018.94	1019.39	1020.06	1020.59	1021.03	1021.30	1021.82	1022.08	1022.13	1022.16	1018.39
22	1022.26	1022.17	1021.97	1022.07	1022.08	1022.22	1022.65	1023.01	1023.14	1022.98	1022.65	1022.03	
	1021.42	1021.12	1021.07	1020.88	1020.72	1020.91	1021.03	1021.18	1021.32	1021.13	1021.00	1020.85	1021.74
23	1020.74	1020.39	1019.78	1019.46	1019.33	1019.26	1019.34	1019.37	1019.31	1019.20	1018.77	1017.92	
	1017.24	1016.78	1016.62	1016.25	1016.13	1016.35	1016.25	1016.23	1016.40	1016.27	1015.98	1015.75	1017.88
24	1015.40	1014.86	1014.26	1014.19	1014.14	1013.96	1014.14	1014.27	1014.20	1013.90	1013.55	1012.72	
	1011.78	1011.45	1011.28	1011.02	1010.62	1010.44	1010.33	1010.01	1009.81	1009.48	1008.62	1007.65	1012.17
25	1007.43	1006.08	1005.08	1004.35	1003.81	1003.15	1003.10	1003.26	1003.12	1002.97	1002.81	1002.62	
	1002.83	1003.24	1003.81	1004.14	1004.66	1005.67	1005.91	1006.39	1006.95	1007.18	1007.44	1007.83	1004.74
26	1007.78	1007.59	1007.95	1008.45	1008.78	1008.77	1009.59	1011.01	1011.33	1011.26	1011.22	1010.85	
	1010.90	1011.00	1011.50	1011.98	1012.22	1012.59	1012.91	1013.36	1013.77	1014.00	1013.99	1014.02	1011.12
27	1014.09	1013.90	1013.73	1014.09	1014.06	1014.35	1015.01	1015.51	1015.73	1015.79	1015.80	1015.42	
	1014.87	1014.89	1015.15	1015.33	1015.76	1016.27	1016.72	1017.09	1017.43	1017.66	1017.84	1017.98	1015.60
28	1018.09	1018.00	1017.84	1017.97	1018.18	1018.23	1018.49	1019.03	1019.13	1019.11	1018.97	1018.33	
	1017.59	1017.36	1017.27	1017.51	1018.00	1018.37	1018.58	1018.94	1019.35	1019.50	1019.48	1019.44	1018.45
29	1019.15	1018.85	1018.46	1018.42	1018.54	1018.65	1018.95	1019.53	1019.80	1019.73	1019.39	1018.83	
	1018.18	1017.82	1017.78	1018.04	1018.35	1018.69	1018.82	1019.08	1019.31	1019.12	1019.01	1018.81	1018.80
30	1018.20	1017.88	1017.76	1017.80	1017.82	1017.73	1018.07	1018.39	1018.07	1017.61	1017.11	1016.66	
	1016.31	1016.10	1016.13	1015.84	1015.77	1016.18	1015.95	1016.02	1015.78	1015.44	1015.62	1015.04	1016.80
31	1015.05	1015.01	1014.20	1013.62	1012.97	1012.86	1012.77	1012.86	1012.96	1012.81	1012.04	1010.95	
	1010.05	1010.11	1010.03	1009.34	1009.14	1008.91	1008.54	1008.52	1008.87	1008.93	1008.87	1008.54	1011.16
MONTHLY AVG	1011.74	1011.47	1011.21	1011.13	1011.15	1011.21	1011.54	1011.86	1011.92	1011.82	1011.63	1011.18	
	1010.75	1010.63	1010.60	1010.63	1010.82	1011.17	1011.39	1011.62	1011.80	1011.82	1011.76	1011.67	1011.35

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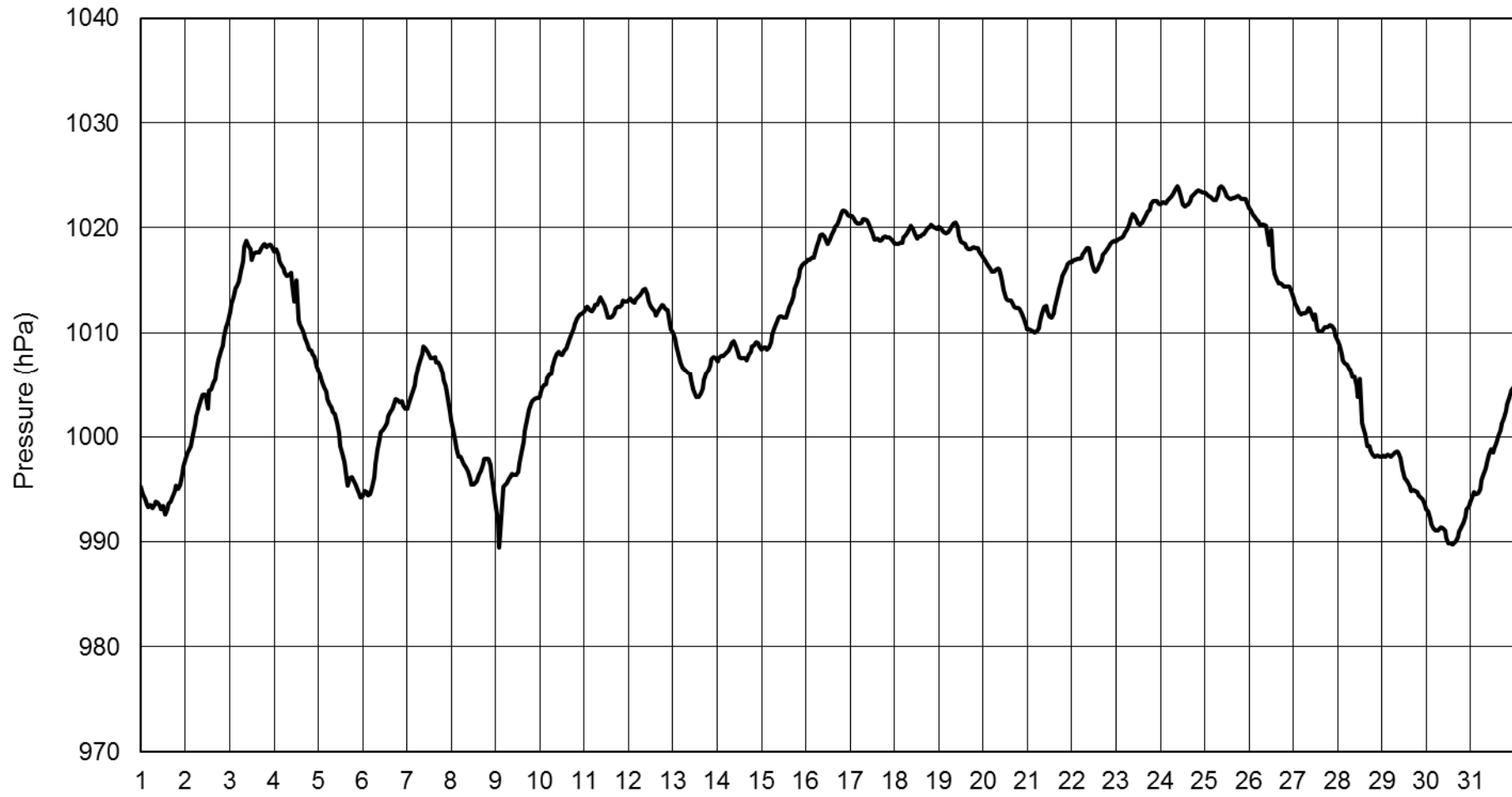
UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1008.17	1007.58	1007.10	1006.75	1006.50	1006.32	1006.58	1007.03	1006.80	1006.63	1006.59	1006.52	
	1006.02	1004.96	1005.21	1005.43	1005.79	1005.91	1006.04	1006.25	1006.55	1006.51	1006.02	1006.16	1006.39
2	1006.25	1006.42	1006.56	1007.04	1007.06	1007.39	1008.12	1008.56	1008.38	1008.50	1008.49	1007.98	
	1007.85	1007.80	1007.86	1008.17	1008.94	1009.61	1009.74	1010.00	1010.48	1010.73	1010.94	1010.90	1008.49
3	1010.89	1011.03	1011.59	1011.94	1012.30	1013.21	1014.14	1014.86	1015.49	1015.78	1015.73	1015.70	
	1015.59	1016.02	1016.22	1016.46	1017.27	1017.73	1018.28	1018.83	1019.57	1020.08	1020.39	1020.56	1015.82
4	1020.51	1020.42	1020.68	1021.19	1021.53	1022.17	1023.03	1024.15	1024.73	1025.11	1024.76	1024.52	
	1024.16	1024.25	1024.50	1024.97	1025.55	1026.18	1026.73	1027.24	1027.89	1028.06	1028.05	1027.75	1024.51
5	1027.62	1027.46	1027.20	1027.24	1027.40	1027.52	1027.89	1028.29	1028.27	1028.32	1027.99	1027.62	
	1026.93	1026.15	1025.87	1025.67	1025.55	1025.51	1025.31	1025.30	1025.12	1024.83	1024.34	1023.97	1026.56
6	1023.44	1023.14	1022.69	1022.36	1022.16	1021.83	1021.82	1021.96	1021.77	1021.19	1020.36	1019.34	
	1018.09	1017.20	1016.72	1016.44	1016.13	1015.84	1015.44	1015.29	1015.24	1015.02	1014.69	1014.08	1018.84
7	1013.49	1012.87	1012.07	1011.33	1010.77	1010.20	1009.96	1009.71	1009.28	1008.47	1007.51	1006.29	
	1005.02	1004.01	1003.41	1002.74	1002.12	1001.89	1001.49	1000.57	999.85	999.20	998.33	997.59	1005.76
8	996.94	996.14	995.09	994.16	993.42	992.65	992.26	992.41	991.99	991.24	990.77	990.57	
	990.24	990.35	990.44	990.66	991.23	991.43	991.29	990.81	991.00	990.70	989.91	988.94	991.86
9	987.78	987.12	986.35	985.97	985.67	985.52	985.61	985.38	985.37	984.90	985.04	985.47	
	985.61	986.15	986.85	987.60	988.21	989.19	989.88	990.33	990.50	990.34	990.41	990.50	987.32
10	989.55	989.71	990.42	991.15	992.71	994.20	995.60	996.76	997.67	998.26	998.44	998.61	
	999.05	1000.80	1001.45	1002.02	1002.99	1004.02	1004.99	1005.70	1006.83	1007.40	1007.86	1008.41	999.36
11	1008.70	1008.79	1008.44	1008.50	1008.56	1008.86	1009.61	1010.43	1010.66	1011.11	1011.11	1011.11	
	1011.05	1010.99	1010.92	1011.25	1011.65	1012.15	1012.33	1012.91	1013.40	1013.57	1013.68	1013.73	1010.98
12	1013.76	1013.56	1013.30	1013.32	1013.12	1013.68	1013.54	1013.89	1013.63	1013.60	1013.15	1012.61	
	1012.08	1011.70	1011.53	1011.52	1011.74	1012.04	1012.17	1012.36	1012.43	1012.37	1012.12	1011.95	1012.71
13	1011.71	1011.83	1011.78	1012.02	1012.29	1012.52	1012.84	1013.12	1013.24	1013.42	1013.16	1012.49	
	1012.15	1011.87	1011.92	1012.22	1012.62	1013.09	1013.35	1013.56	1013.84	1013.94	1014.07	1014.09	1012.80
14	1014.11	1014.17	1014.22	1014.27	1014.55	1014.71	1015.11	1015.48	1015.70	1015.55	1015.16	1014.51	
	1014.14	1013.97	1014.09	1014.13	1014.41	1014.84	1015.01	1015.16	1015.48	1015.66	1015.70	1015.86	1014.83
15	1015.69	1015.73	1015.50	1015.27	1014.99	1015.08	1015.37	1015.65	1015.73	1015.76	1015.41	1014.54	
	1014.16	1013.99	1013.68	1013.39	1013.28	1013.11	1012.70	1012.53	1012.57	1012.43	1012.11	1011.22	1014.16
16	1010.35	1009.76	1009.01	1008.77	1007.77	1007.86	1008.60	1009.13	1009.36	1009.59	1009.62	1009.19	
	1008.98	1008.75	1008.74	1008.54	1008.18	1008.11	1008.52	1007.99	1008.29	1007.58	1007.15	1006.62	1008.60
17	1006.22	1005.70	1005.16	1005.06	1004.62	1004.22	1004.43	1004.57	1004.61	1004.46	1004.18	1003.78	
	1003.63	1003.66	1003.87	1004.12	1004.66	1005.26	1005.71	1006.20	1006.68	1006.94	1007.09	1007.43	1005.09
18	1007.71	1008.01	1008.15	1008.01	1008.28	1008.63	1009.02	1009.48	1009.60	1009.68	1009.30	1008.98	
	1009.33	1009.05	1009.22	1009.10	1009.08	1009.24	1009.56	1010.06	1010.89	1011.72	1012.41	1012.65	1009.47
19	1012.67	1013.15	1013.71	1014.09	1014.61	1015.20	1015.98	1016.74	1017.38	1017.78	1017.78	1017.58	
	1017.34	1017.44	1017.74	1018.10	1018.71	1019.18	1019.31	1019.26	1019.70	1019.90	1019.85	1019.36	1017.19
20	1019.16	1019.05	1018.46	1017.90	1017.37	1017.00	1016.84	1016.62	1016.65	1016.91	1016.18	1014.82	
	1014.41	1013.70	1013.11	1012.76	1012.26	1011.85	1011.55	1011.13	1011.02	1010.86	1010.76	1010.21	1014.61
21	1009.91	1009.75	1008.93	1008.08	1007.77	1007.63	1007.29	1007.08	1006.58	1006.21	1005.25	1004.22	
	1003.33	1002.73	1002.19	1002.03	1001.14	1001.75	1001.95	1001.97	1002.16	1002.01	1001.83	1001.53	1004.72
22	1001.43	1001.30	1001.02	1000.51	1000.33	999.93	999.41	999.18	999.48	999.18	998.46	997.57	
	997.01	996.67	997.06	997.21	997.45	997.34	997.26	997.30	997.27	997.13	997.05	996.65	998.47
23	996.51	996.75	996.80	996.96	996.96	997.01	997.15	997.55	998.35	998.56	998.56	998.20	
	998.08	997.91	998.30	998.62	999.23	999.61	999.84	1000.05	1000.03	1000.66	1000.48	1000.45	998.44
24	1000.53	1000.55	1000.53	1000.74	1001.15	1001.19	1001.80	1002.36	1002.67	1002.96	1003.01	1002.95	
	1002.91	1003.25	1003.63	1003.96	1004.35	1004.62	1004.87	1005.04	1005.20	1005.23	1005.05	1004.67	1003.05
25	1004.20	1003.70	1003.33	1003.53	1003.80	1004.57	1005.20	1005.76	1005.98	1006.11	1005.85	1005.62	
	1005.63	1005.26	1005.07	1004.96	1005.22	1005.63	1005.62	1005.47	1005.44	1005.62	1005.11	1004.54	1005.05
26	1004.58	1003.56	1002.33	1000.91	1000.27	999.71	999.16	998.53	998.69	998.69	998.43	998.30	
	998.54	998.76	998.95	999.56	1000.18	1000.79	1001.32	1001.77	1002.45	1003.04	1003.42	1003.81	1000.66
27	1004.24	1004.40	1004.75	1004.93	1005.27	1005.81	1006.26	1006.67	1007.21	1007.64	1007.52	1007.22	
	1007.06	1007.07	1007.14	1007.08	1007.04	1007.21	1006.97	1006.60	1006.33	1005.93	1005.35	1004.60	1006.26
28	1003.73	1002.86	1001.50	999.81	998.13	996.94	996.02	995.10	994.61	994.50	993.72	993.31	
	992.93	992.80	992.66	992.39	992.50	992.41	992.99	993.63	994.45	995.98	998.49	1000.23	995.90
29	1001.21	1002.24	1002.83	1003.13	1003.34	1003.98	1004.89	1005.76	1006.71	1007.49	1008.01	1008.39	
	1008.55	1008.26	1008.28	1008.49	1008.64	1008.80	1008.90	1008.89	1008.86	1009.17	1008.50	1007.16	1006.69
30	1006.40	1005.58	1004.34	1003.47	1002.61	1001.87	1001.41	1001.41	1001.48	1001.52	1001.27	1000.95	
	1000.70	1000.43	1000.17	1000.04	1000.12	1000.29	1000.23	999.83	999.28	998.98	998.85	998.19	1001.23
MONTHLY AVG	1007.92	1007.74	1007.46	1007.28	1007.18	1007.25	1007.50	1007.79	1007.94	1007.97	1007.69	1007.30	
	1007.02	1006.86	1006.89	1006.99	1007.21	1007.49	1007.65	1007.73	1007.96	1008.05	1008.00	1007.79	1007.53

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)

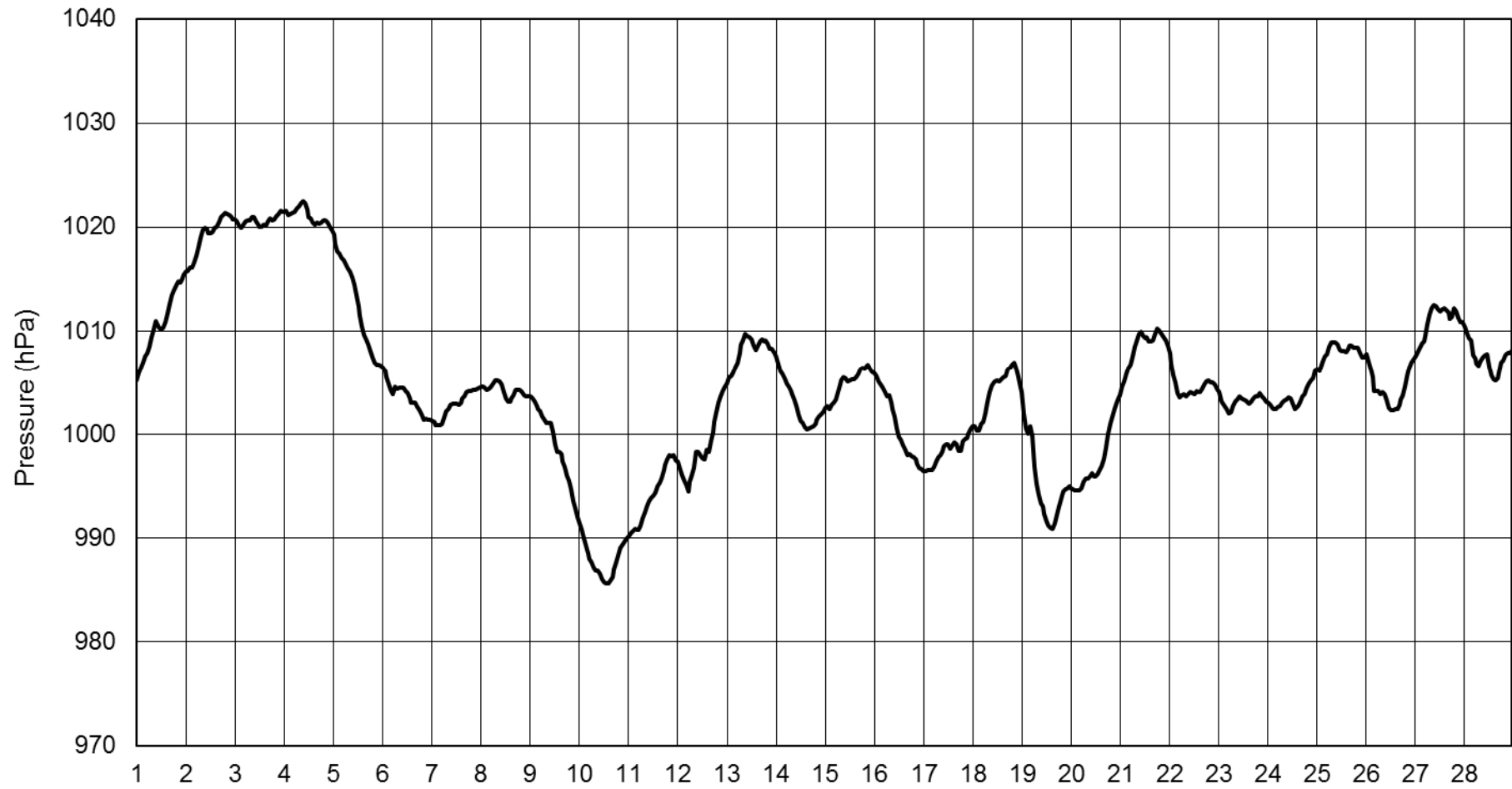
Pressure in hectoPascal - December 2010

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVG
	13	14	15	16	17	18	19	20	21	22	23	24	
1	996.96	996.04	995.31	994.79	993.81	993.18	992.94	993.37	994.38	995.41	995.98	996.87	
	998.33	998.97	999.86	1000.61	1001.33	1002.01	1002.46	1003.16	1003.99	1004.31	1004.41	1004.44	998.45
2	1004.30	1004.53	1004.27	1004.41	1004.71	1005.29	1006.22	1007.22	1007.96	1008.15	1008.63	1009.00	
	1008.63	1008.25	1008.25	1008.18	1007.74	1006.90	1005.74	1005.61	1005.31	1005.01	1004.90	1004.76	1006.42
3	1004.52	1004.68	1004.69	1004.76	1004.98	1005.42	1006.04	1006.86	1007.45	1007.73	1008.15	1008.30	
	1008.25	1008.67	1009.28	1009.64	1010.18	1010.79	1011.05	1011.18	1011.26	1011.73	1011.34	1010.90	1008.24
4	1010.60	1010.65	1010.56	1010.54	1010.61	1010.61	1010.66	1010.79	1011.25	1011.67	1011.58	1011.87	
	1012.38	1013.08	1014.04	1014.85	1015.99	1016.79	1017.59	1018.14	1018.49	1019.08	1019.85	1020.57	1013.84
5	1020.71	1021.26	1021.33	1021.64	1021.80	1022.05	1022.15	1022.29	1022.61	1022.63	1021.94	1021.52	
	1020.65	1019.92	1019.56	1019.02	1018.88	1018.51	1018.11	1017.78	1017.31	1017.05	1016.59	1015.55	1020.04
6	1014.41	1013.92	1013.45	1012.83	1012.16	1011.57	1011.47	1011.27	1011.08	1010.91	1010.91	1011.17	
	1010.65	1010.04	1009.86	1009.92	1009.97	1010.00	1009.37	1009.44	1009.29	1009.75	1009.97	1009.87	1010.98
7	1009.58	1009.29	1009.17	1009.05	1008.96	1008.87	1009.35	1009.81	1010.37	1010.57	1010.37	1010.07	
	1009.68	1009.42	1009.31	1009.43	1009.67	1009.88	1010.08	1010.04	1010.22	1010.44	1010.70	1010.70	1009.79
8	1010.83	1010.78	1010.69	1010.68	1010.84	1010.80	1010.81	1011.31	1011.82	1012.03	1011.55	1011.24	
	1011.12	1011.34	1010.55	1010.12	1010.33	1010.75	1011.19	1011.41	1011.73	1011.66	1011.71	1011.48	1011.12
9	1011.55	1011.32	1010.74	1010.38	1010.34	1010.37	1010.82	1010.74	1010.91	1010.64	1010.16	1009.48	
	1008.83	1008.62	1008.21	1008.41	1008.47	1008.83	1009.32	1009.67	1010.00	1010.30	1010.86	1011.31	1010.01
10	1011.53	1011.99	1012.03	1012.24	1012.61	1013.67	1014.67	1015.56	1016.97	1017.56	1017.61	1018.09	
	1018.41	1018.85	1019.66	1020.19	1020.47	1021.11	1021.81	1022.53	1023.18	1023.06	1022.57	1022.21	1017.86
11	1022.78	1023.31	1023.47	1023.41	1023.09	1023.04	1022.99	1023.03	1023.03	1022.83	1022.10	1021.20	
	1020.13	1019.37	1018.75	1018.48	1018.21	1017.91	1017.60	1017.25	1016.90	1016.12	1015.52	1015.13	1020.23
12	1014.79	1014.18	1013.20	1012.08	1011.27	1010.57	1010.02	1010.16	1009.07	1008.10	1007.09	1005.75	
	1004.32	1003.15	1002.52	1002.11	1001.62	1001.53	1001.52	1001.47	1001.48	1001.39	1001.35	1001.03	1006.24
13	1000.97	1001.14	1001.11	1001.22	1001.63	1002.19	1002.75	1003.43	1004.28	1004.74	1004.70	1004.43	
	1004.62	1005.00	1005.48	1006.01	1006.83	1007.58	1008.43	1009.07	1009.67	1010.21	1010.55	1010.79	1005.28
14	1010.97	1011.38	1011.60	1011.62	1011.73	1012.15	1012.83	1013.40	1013.98	1014.47	1014.19	1013.74	
	1013.44	1013.37	1013.42	1013.82	1014.05	1014.30	1014.55	1014.82	1015.18	1015.29	1015.12	1014.99	1013.52
15	1014.55	1014.36	1014.06	1013.59	1013.28	1013.23	1013.32	1013.27	1013.43	1013.20	1012.57	1011.63	
	1010.78	1010.13	1010.11	1010.27	1010.18	1010.39	1010.69	1010.81	1010.95	1010.85	1010.63	1010.07	1011.93
16	1009.60	1009.45	1009.22	1008.88	1008.74	1008.76	1008.80	1008.78	1008.86	1008.72	1008.36	1007.62	
	1006.82	1006.55	1006.64	1006.91	1006.87	1006.98	1007.15	1007.47	1007.57	1007.55	1007.63	1007.43	1007.97
17	1007.27	1007.54	1007.34	1007.12	1006.81	1006.96	1006.77	1006.07	1005.92	1005.83	1004.71	1003.44	
	1002.33	1001.15	1000.65	999.81	999.02	998.66	997.88	996.83	996.19	995.54	994.99	994.84	1002.24
18	994.27	993.97	994.51	995.38	995.66	996.07	997.38	998.31	999.29	1000.06	1000.48	1001.00	
	1001.10	1001.58	1002.24	1003.23	1004.47	1005.45	1006.42	1007.45	1008.29	1008.82	1009.24	1009.57	1001.43
19	1009.79	1009.78	1010.00	1009.82	1009.72	1009.59	1009.84	1009.85	1010.06	1010.06	1009.64	1009.02	
	1008.11	1007.67	1007.45	1007.28	1006.97	1006.85	1006.79	1006.77	1006.80	1006.36	1006.01	1005.95	1008.34
20	1005.76	1005.75	1005.56	1005.39	1005.62	1006.02	1006.37	1007.01	1007.67	1008.29	1008.27	1008.11	
	1008.02	1008.42	1008.85	1009.26	1009.66	1010.02	1010.40	1010.78	1011.08	1011.63	1012.03	1012.01	1008.42
21	1012.26	1012.44	1012.25	1012.20	1012.18	1012.31	1012.54	1012.77	1012.96	1013.15	1012.72	1012.30	
	1011.90	1011.87	1011.76	1011.85	1011.95	1011.97	1011.91	1011.75	1011.62	1011.63	1011.80	1011.39	1012.14
22	1011.24	1011.17	1010.63	1010.11	1009.84	1009.86	1009.90	1009.72	1009.90	1009.93	1009.69	1009.16	
	1008.74	1008.35	1008.42	1008.34	1008.28	1008.27	1007.95	1007.22	1007.10	1006.84	1006.64	1005.84	1008.88
23	1005.01	1004.49	1003.64	1002.65	1002.12	1001.93	1001.88	1001.48	1001.05	1000.74	999.99	998.64	
	997.18	995.90	995.29	994.52	993.86	993.57	993.57	994.01	994.95	995.40	995.45	994.86	998.42
24	994.03	993.50	993.26	993.35	993.34	993.43	993.77	993.83	993.88	993.70	993.22	992.76	
	992.97	992.82	993.07	992.92	993.32	993.53	993.76	994.00	994.31	994.48	994.80	994.78	993.62
25	995.18	995.71	996.23	996.97	997.81	998.59	999.62	1000.57	1001.58	1002.20	1002.55	1002.78	
	1002.92	1003.19	1003.70	1004.12	1004.59	1005.10	1005.57	1005.87	1006.29	1006.76	1006.93	1006.86	1002.15
26	1006.89	1007.00	1006.96	1006.87	1006.73	1006.86	1007.25	1007.79	1008.31	1008.53	1008.19	1007.68	
	1007.50	1007.41	1007.77	1008.14	1008.61	1009.20	1009.69	1010.28	1010.83	1011.58	1011.71	1011.90	1008.49
27	1012.14	1012.86	1013.14	1013.42	1013.92	1014.61	1015.26	1015.84		1016.70	1016.96	1016.95	
	1016.85	1016.76	1017.14	1017.51	1017.78	1018.14	1018.61	1018.99	1019.37	1019.60	1019.48	1019.45	1016.59
28	1019.61	1020.04	1019.77	1019.39	1019.52	1019.77	1020.31	1020.35	1020.59	1020.74	1020.35	1019.80	
	1019.41	1019.07	1018.92	1018.96	1019.19	1019.62	1019.81	1020.36	1020.77	1020.90	1020.90	1020.89	1019.96
29	1020.84	1021.01	1021.05	1021.11	1021.12	1021.44	1021.75	1021.98	1022.21	1022.44	1022.26	1021.72	
	1021.27	1021.03	1020.82	1020.64	1020.79	1020.95	1021.30	1021.59	1021.78	1022.05	1022.40	1022.06	1021.48
30	1021.85	1021.80	1021.28	1021.49	1021.65	1022.08	1022.12	1022.12	1022.66	1022.84	1022.24	1021.50	
	1020.81	1020.37	1020.24	1020.38	1020.43	1020.56	1020.56	1020.70	1020.93	1021.26	1021.22	1020.85	1021.33
31	1020.39	1020.28	1020.22	1020.14	1020.21	1020.26	1020.18	1020.44	1020.62	1020.67	1020.54	1019.99	
	1019.20	1018.91	1018.89	1018.81	1018.72	1018.72	1018.84	1018.94	1019.03	1019.17	1019.05	1018.63	1019.62
MONTHLY AVG	1009.84	1009.86	1009.70	1009.60	1009.57	1009.73	1010.02	1010.30	1010.47	1010.81	1010.58	1010.22	
	1009.85	1009.65	1009.70	1009.80	1009.95	1010.16	1010.31	1010.50	1010.71	1010.83	1010.85	1010.68	1010.16

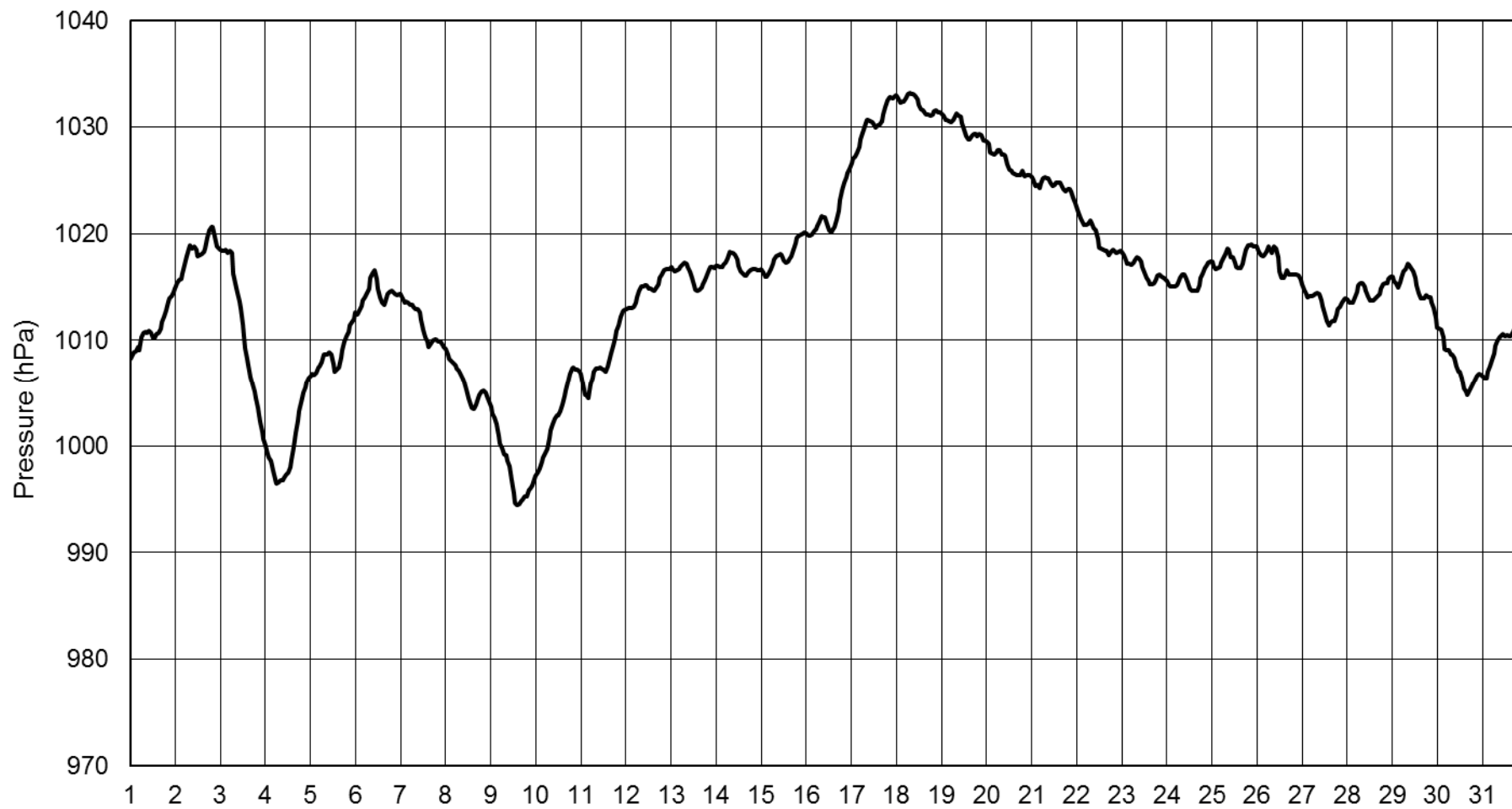
S.V.I.R.CO. Observatory - Pressure in hectoPascal - January 2010



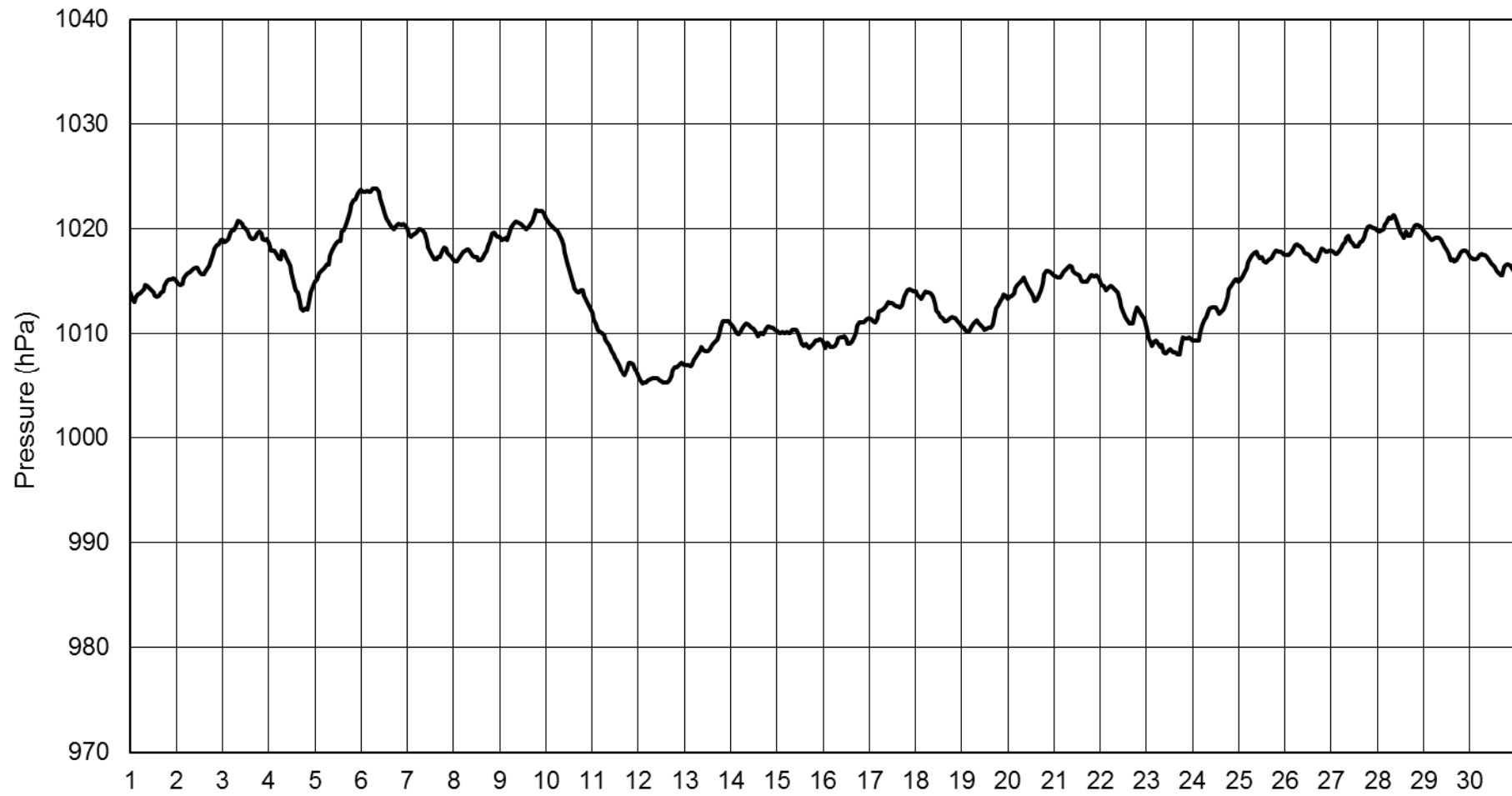
S.V.I.R.CO. Observatory - Pressure in hectoPascal - February 2010



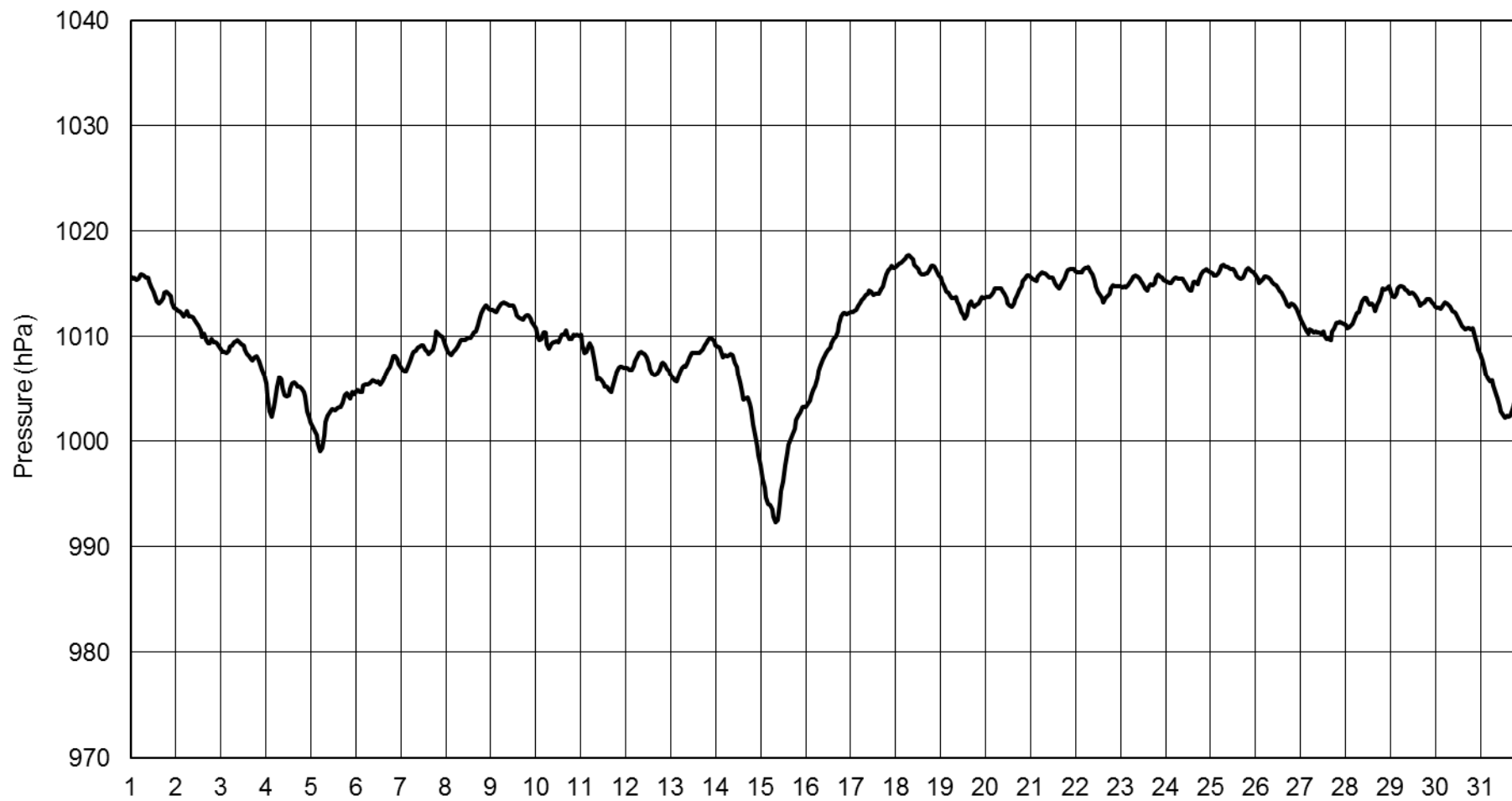
S.V.I.R.CO. Observatory - Pressure in hectoPascal - March 2010



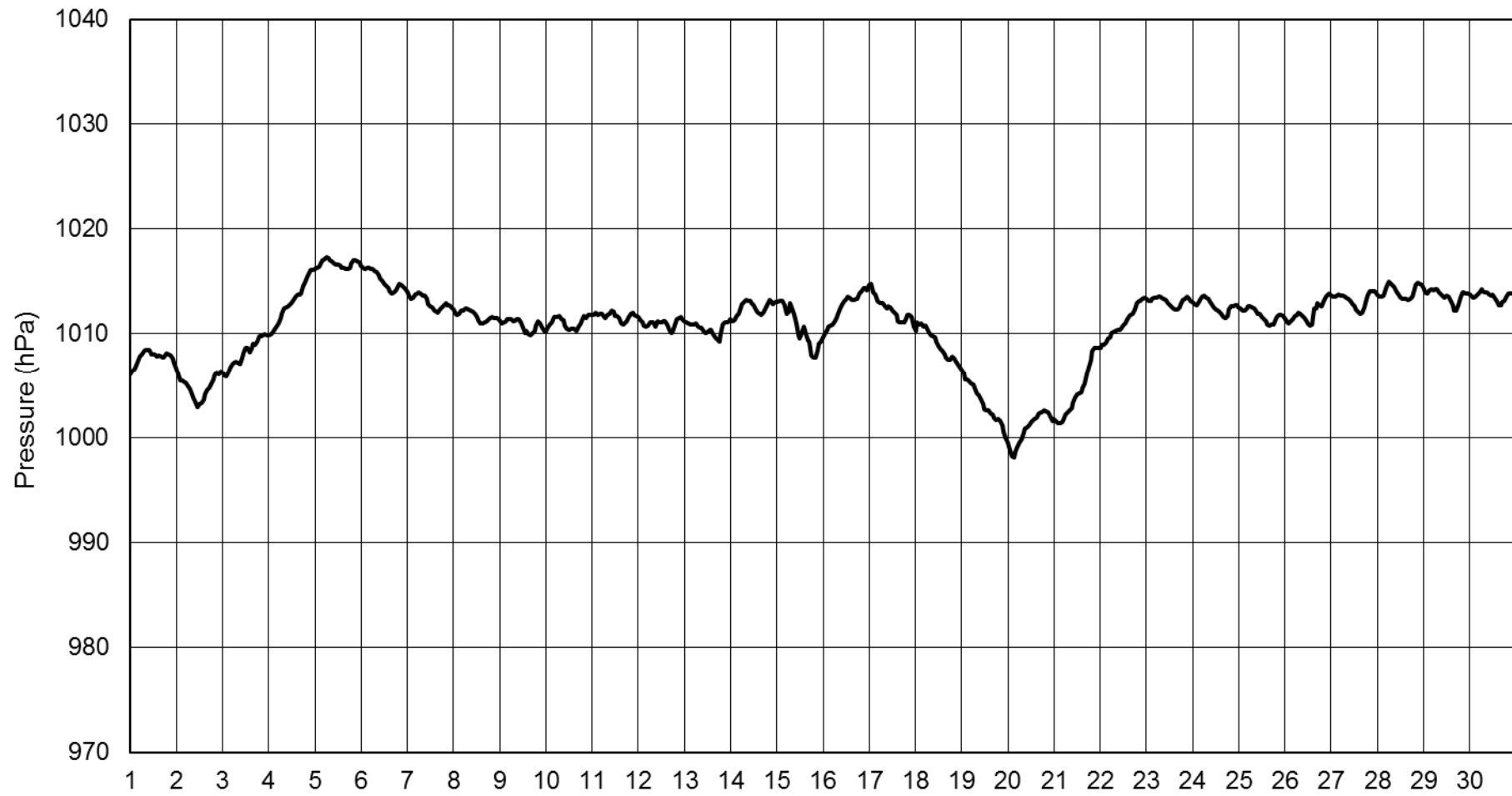
S.V.I.R.CO. Observatory - Pressure in hectoPascal - April 2010



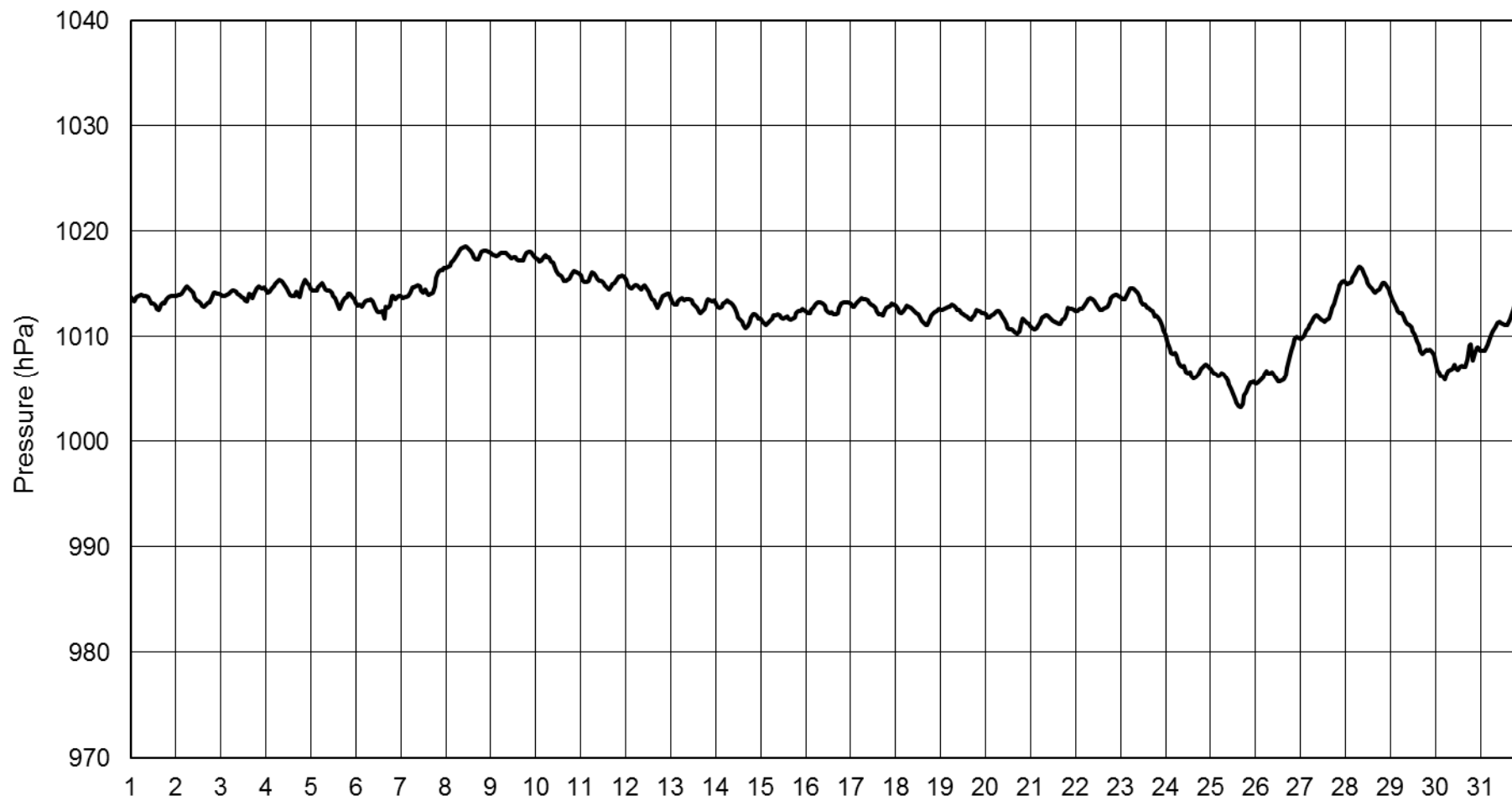
S.V.I.R.CO. Observatory - Pressure in hectoPascal - May 2010



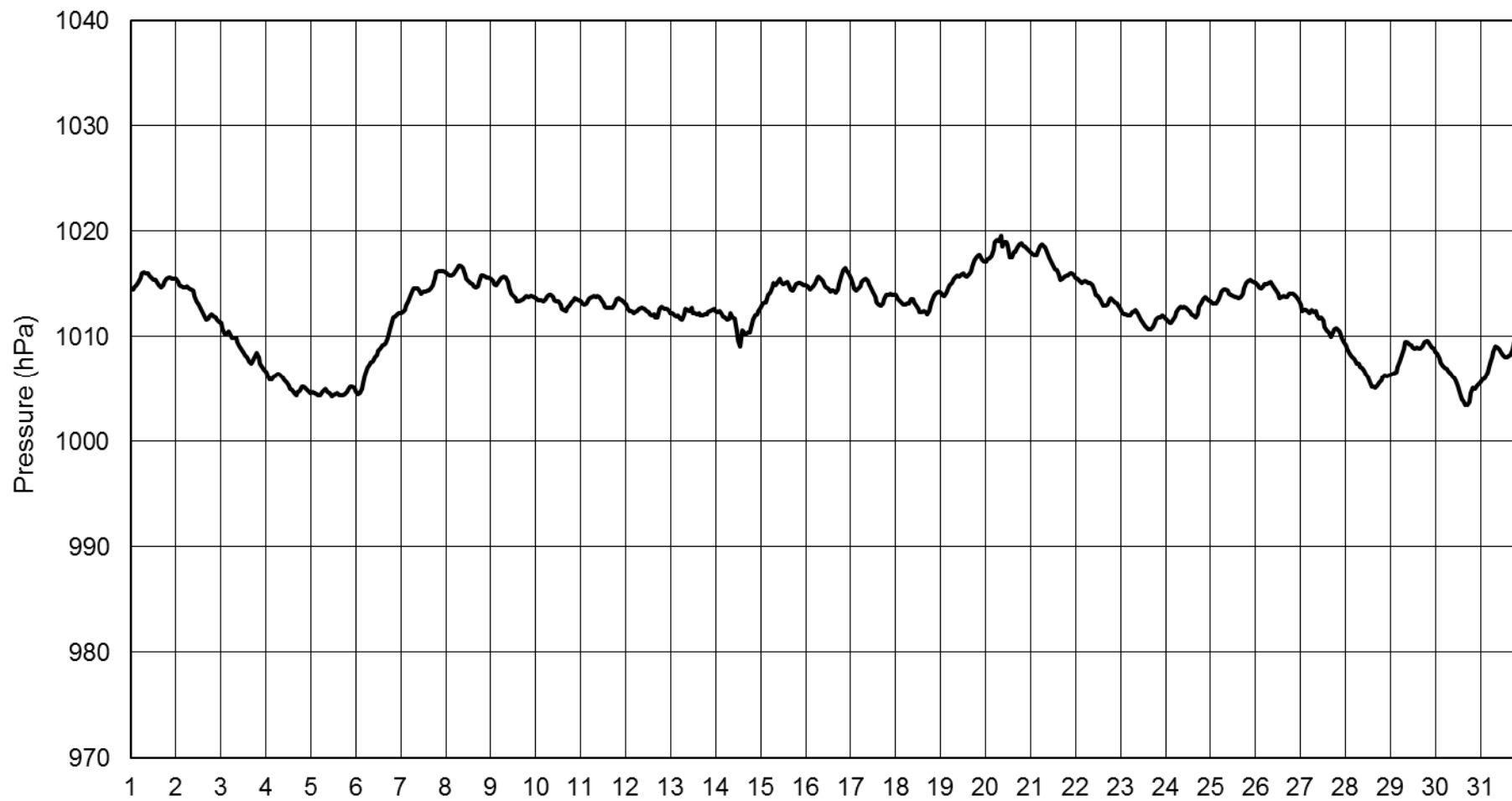
S.V.I.R.CO. Observatory - Pressure in hectoPascal - June 2010



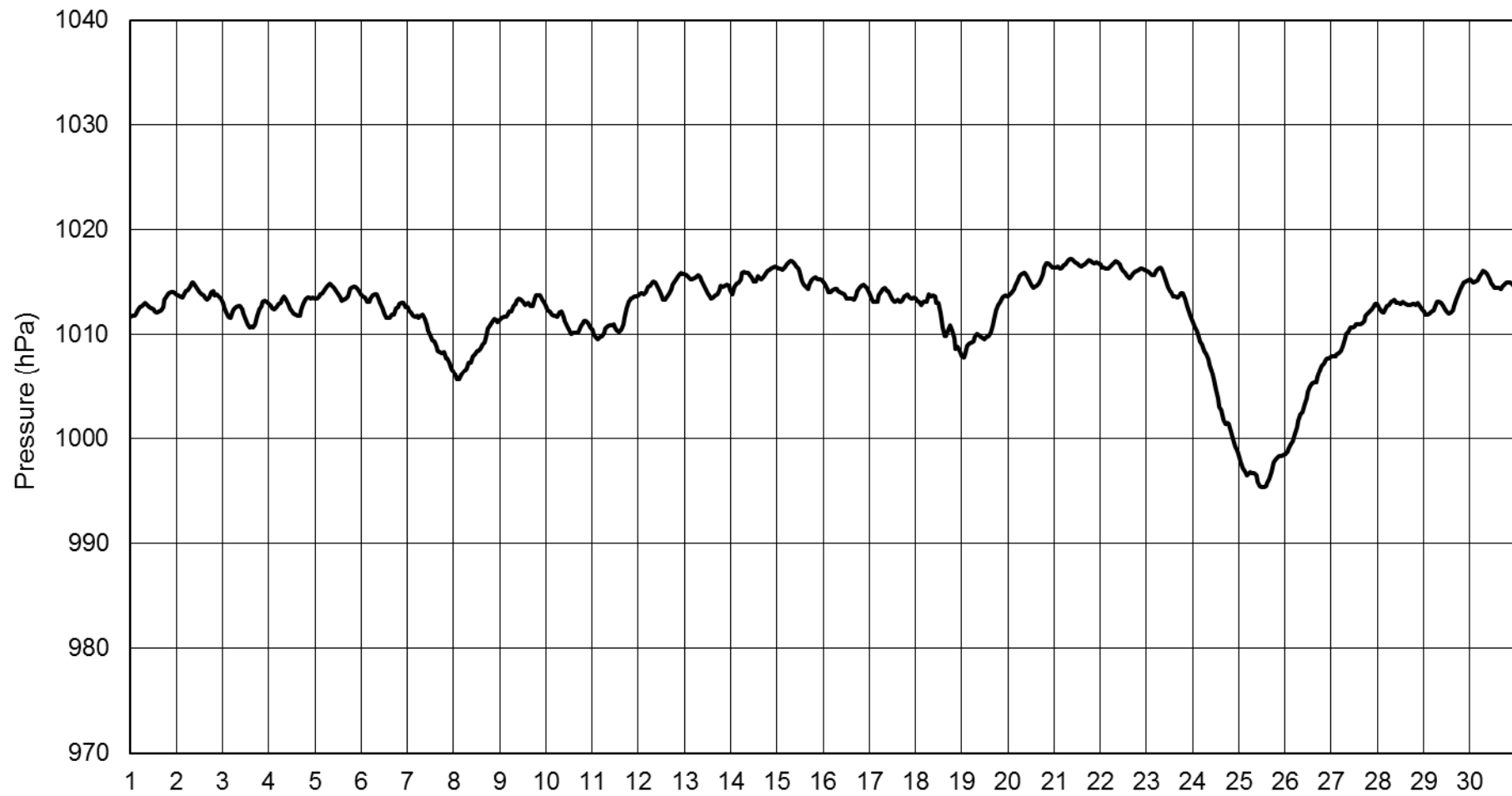
S.V.I.R.CO. Observatory - Pressure in hectoPascal - July 2010



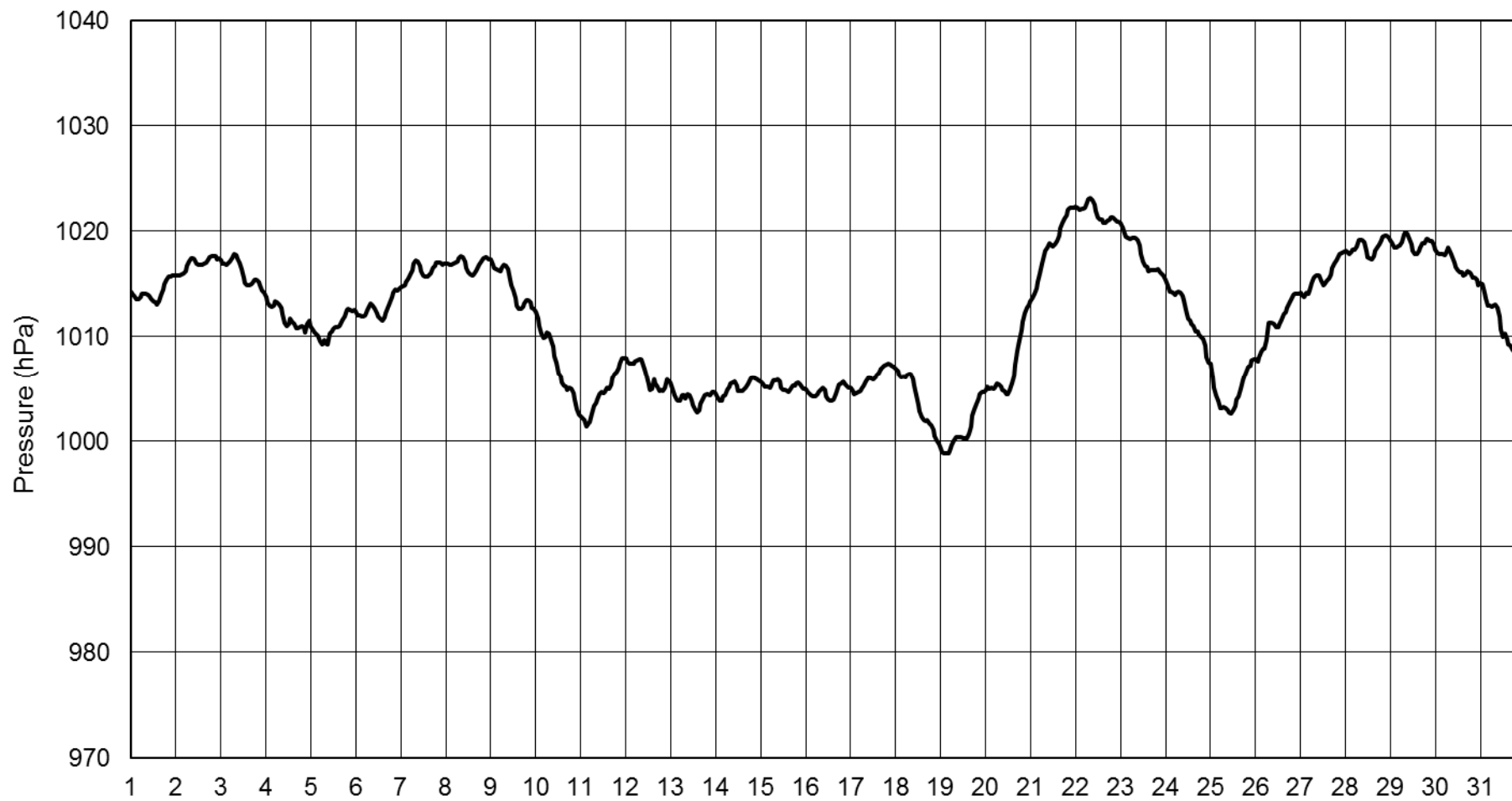
S.V.I.R.CO. Observatory - Pressure in hectoPascal - August 2010



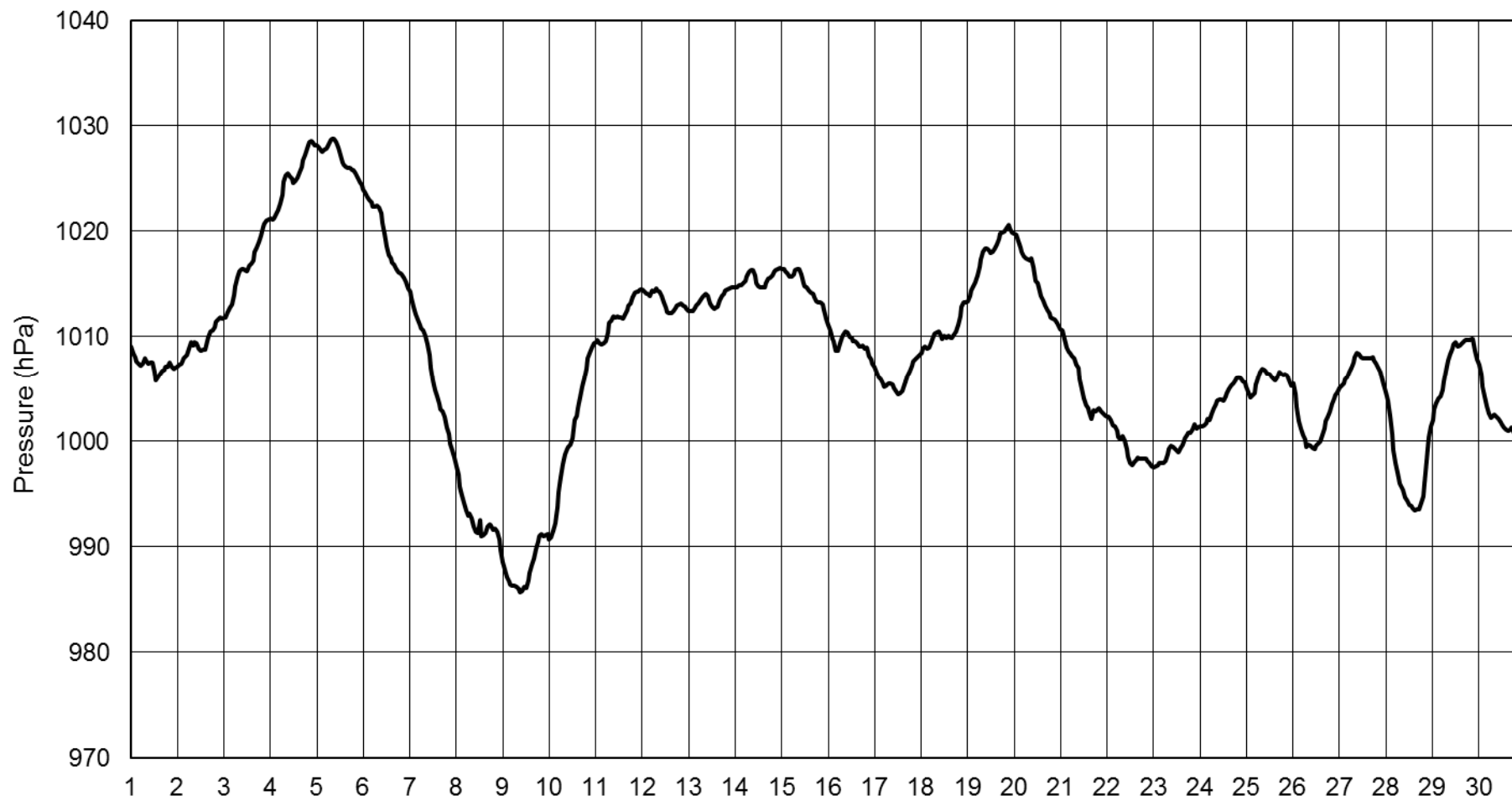
S.V.I.R.CO. Observatory - Pressure in hectoPascal - September 2010



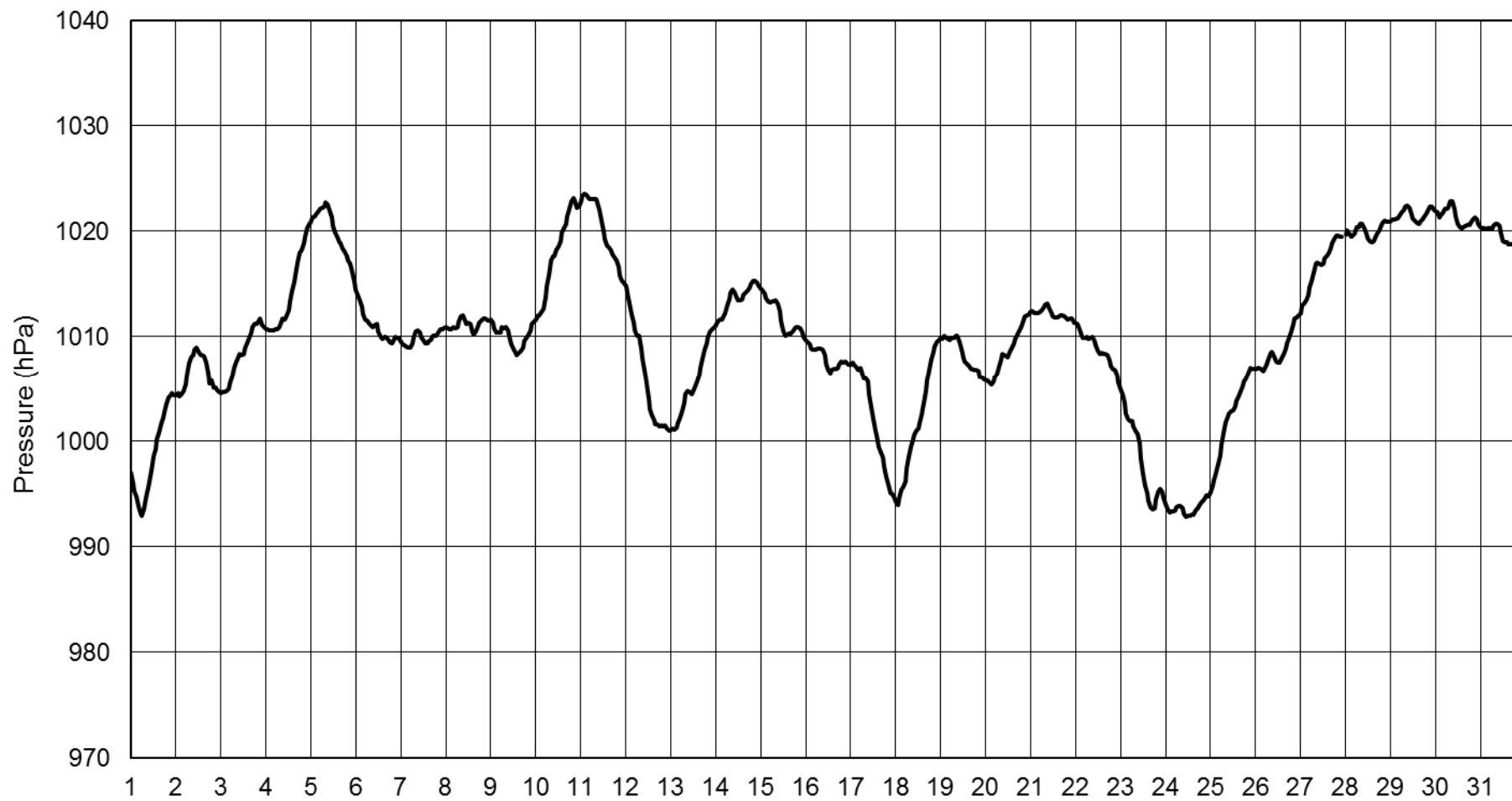
S.V.I.R.CO. Observatory - Pressure in hectoPascal - October 2010



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

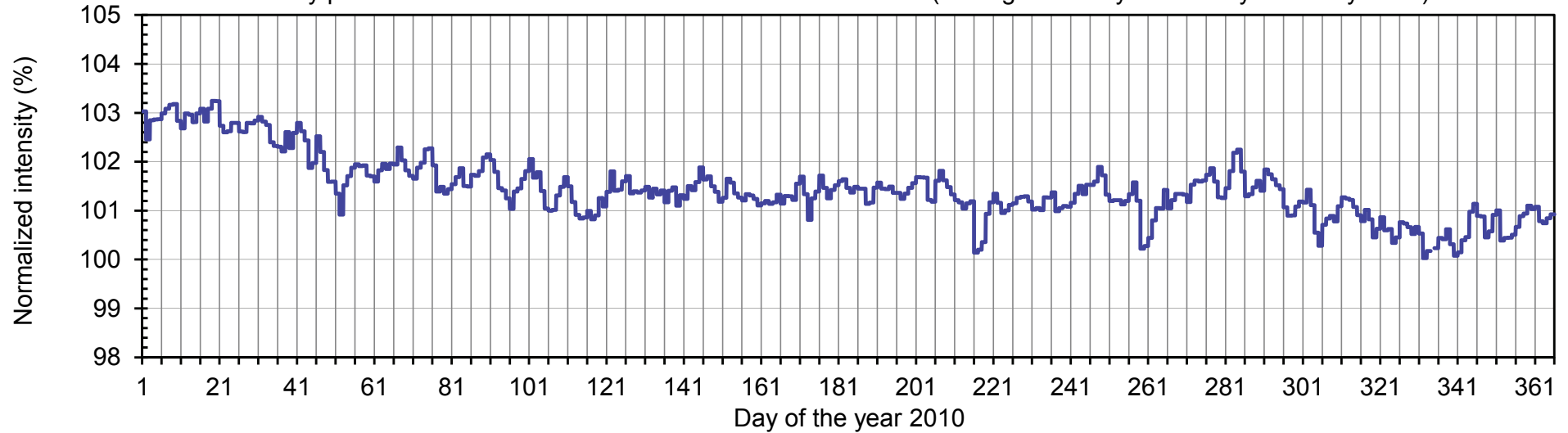


S.V.I.R.CO. Observatory - Pressure in hectoPascal - December 2010



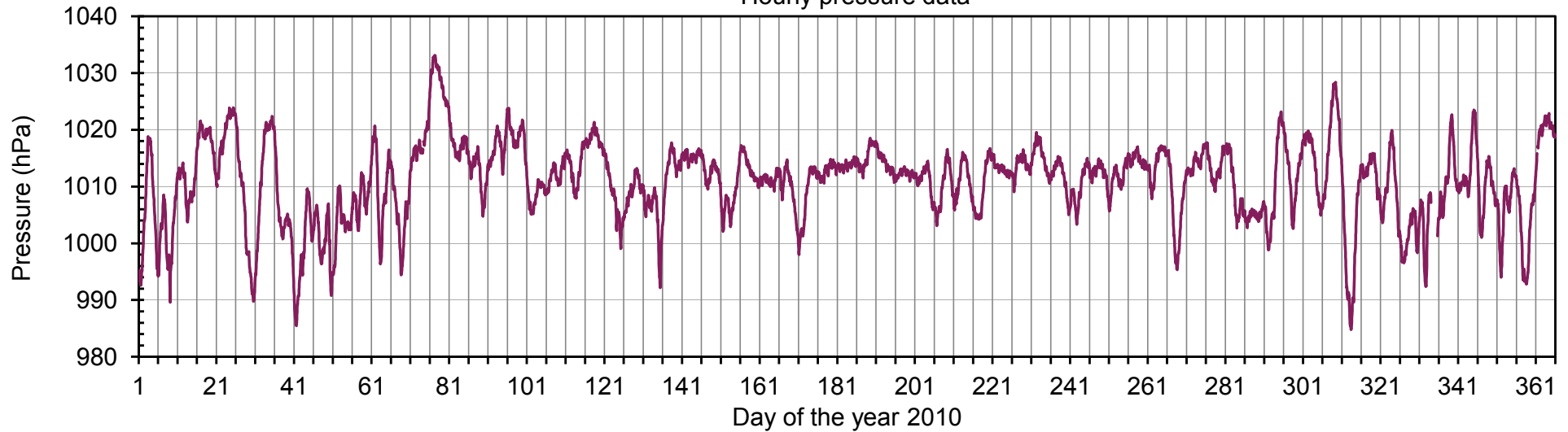
S.V.I.R.CO. Observatory & T.P.L.

Daily pressure corrected data - 100% = 554946 counts/hour (average intensity of January-February 1997)



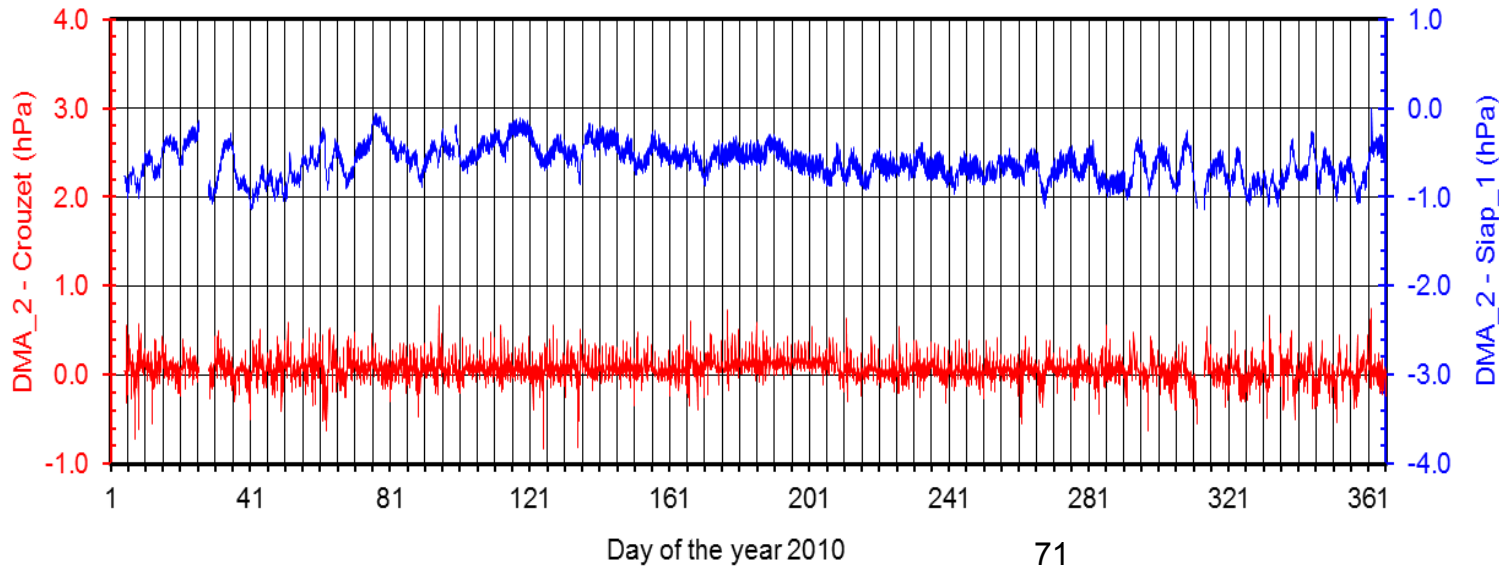
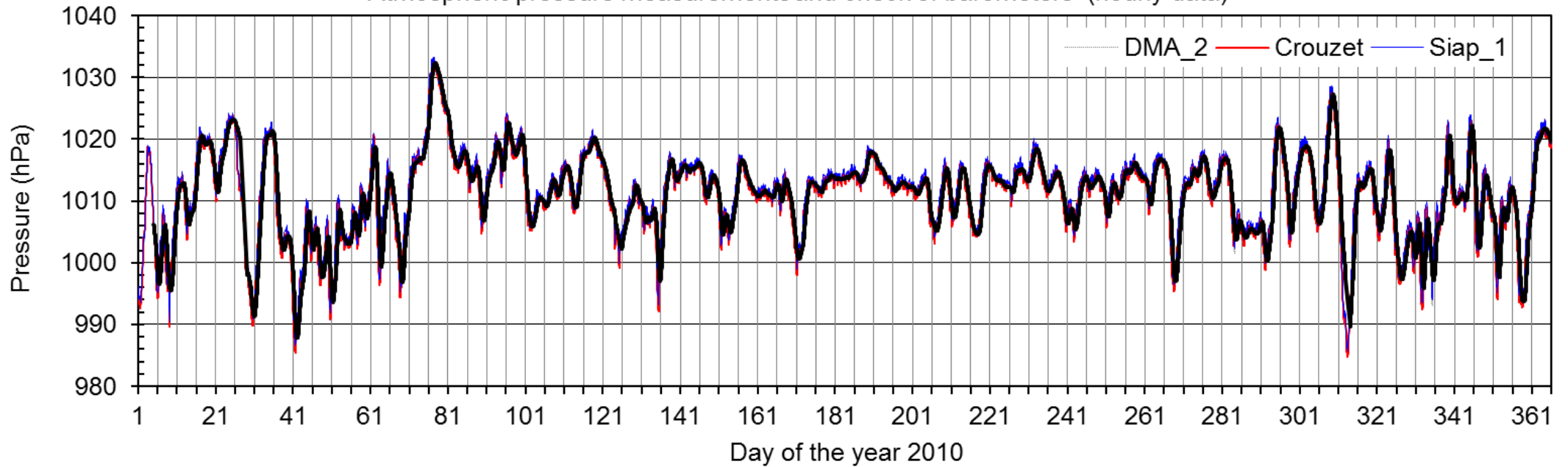
S.V.I.R.CO. Observatory & T.P.L.

Hourly pressure data



S.V.I.R.CO. Observatory & T.P.L.

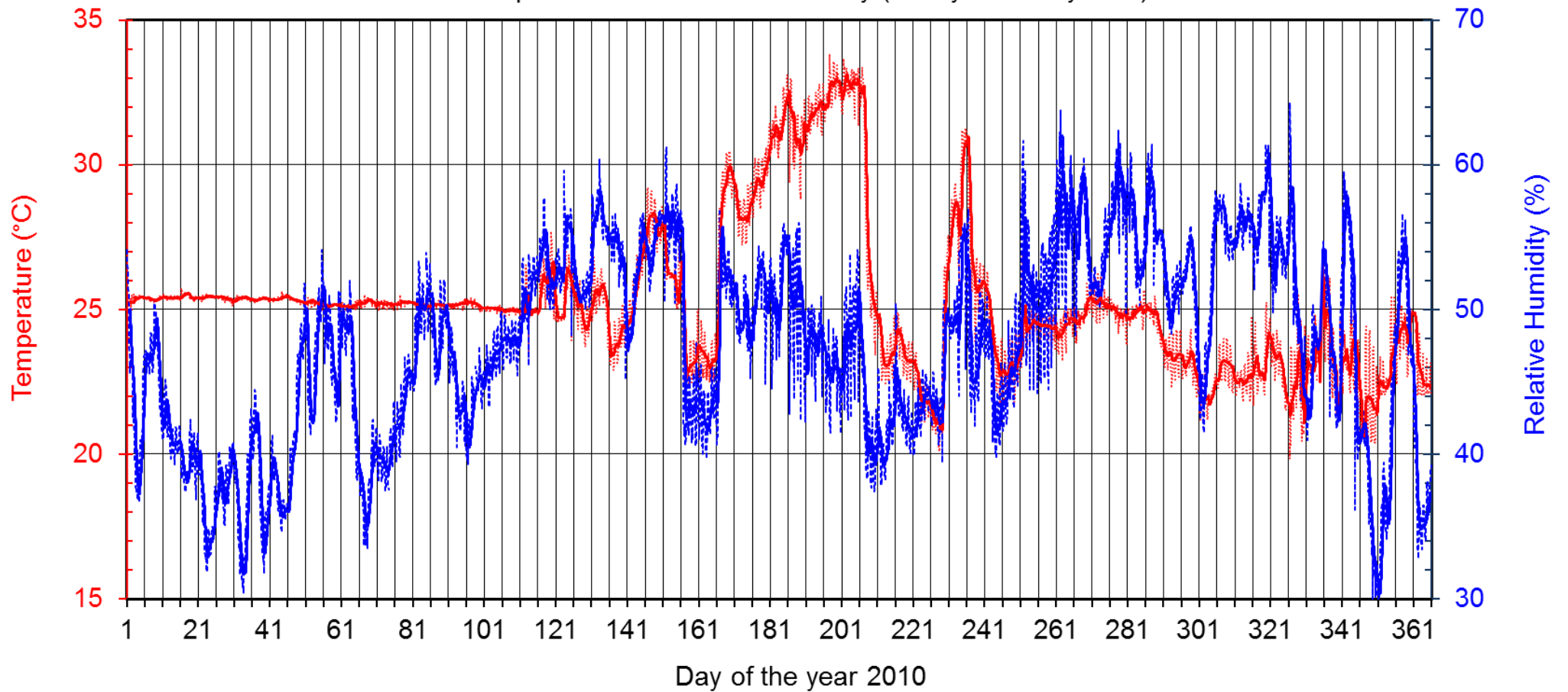
Atmospheric pressure measurements and check of barometers (hourly data)



Barometers operating at SVIRCO - Rome			
instrument	transducer	resolution	accuracy
DMA_1	vibrating cylinder	0.01 hPa	0.04 hPa
DMA_2	vibrating cylinder	0.01 hPa	0.05 hPa
Crouzet	quartz	0.01 hPa	0.08 hPa
Siap_1	aneroid	0.1 hPa	0.5 hPa
Siap_2	quartz	0.1 hPa	1 hPa

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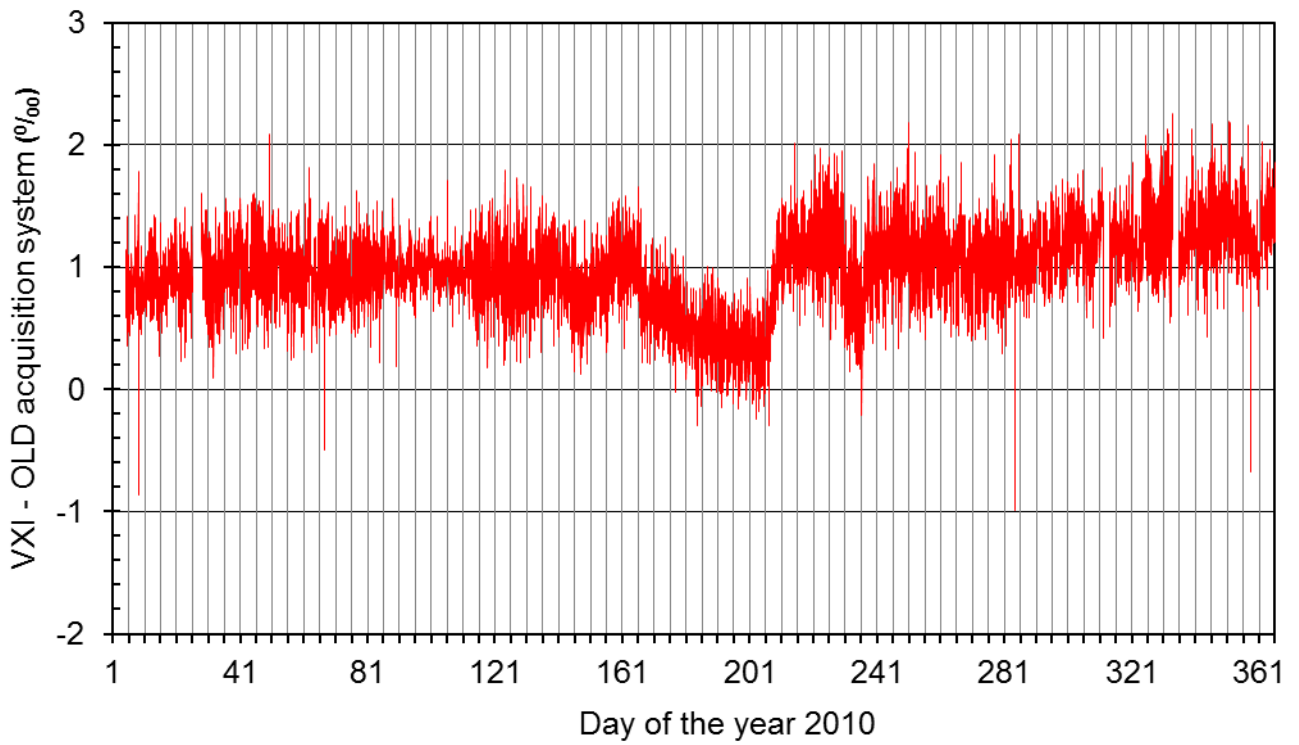
Room temperature and relative humidity (hourly and daily data)



During summertime several malfunctions of the air-conditioning systems occurred, in particular from 15 June (Doy: 166) to 26 July (Doy: 207) both the systems stopped running. At the end of November they were completely replaced with new ones.

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Difference between the hourly average data acquired by the two independent acquisition systems



Regression plot of the hourly average data acquired by the two independent acquisition systems

