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SVIRCO DATA: January to December 2012

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Abstract

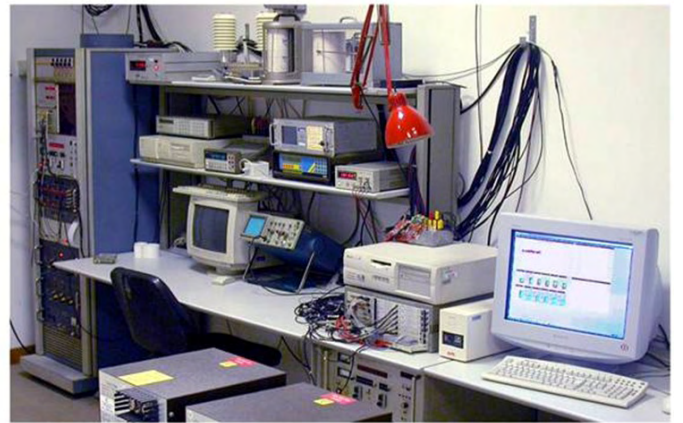
The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded by the Rome Neutron Monitor, is reported for the period January to December 2012, together with the barometric pressure data, in tabular and graphic form.



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/IAPS-UNIRomaTre collaboration) is housed in a reserved building provided with a double air-conditioning system. The room temperature is maintained in a range of 23°-28° C, meanwhile the relative humidity is kept below 60%. Either the ambient parameters are continuously checked and recorded by digital sensors. Their time histories have been plotted 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.

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 the barometers 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
INAF - Istituto di Astrofisica e Planetologia Spaziali - Area di Ricerca Tor Vergata
Via del Fosso del Cavaliere,100 00133 Roma - Italy,
e-mail: stefano.massetti@iaps.inaf.it

MEASUREMENT INTERRUPTION

DECEMBER 26, 2011 - JANUARY 2, 2012

During the period 27-31 December 2011 the planned renovation of the Physics Department electrical system was performed. In order to prevent possible serious damages to instrumentation a precautionary suspension of the Observatory activity was arranged. The neutron monitor was switched off on December 26, 2011 at 12.05. It restarted operating on January 2, 2012.

HOURLY RECOVERED DATA - YEAR 2012

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)
08	27	06 - 08 (*)
09	03	01-02 (*) 11-12 (*)

RELEVANT MONITOR AND DATA CHARACTERISTICS FOR 2012

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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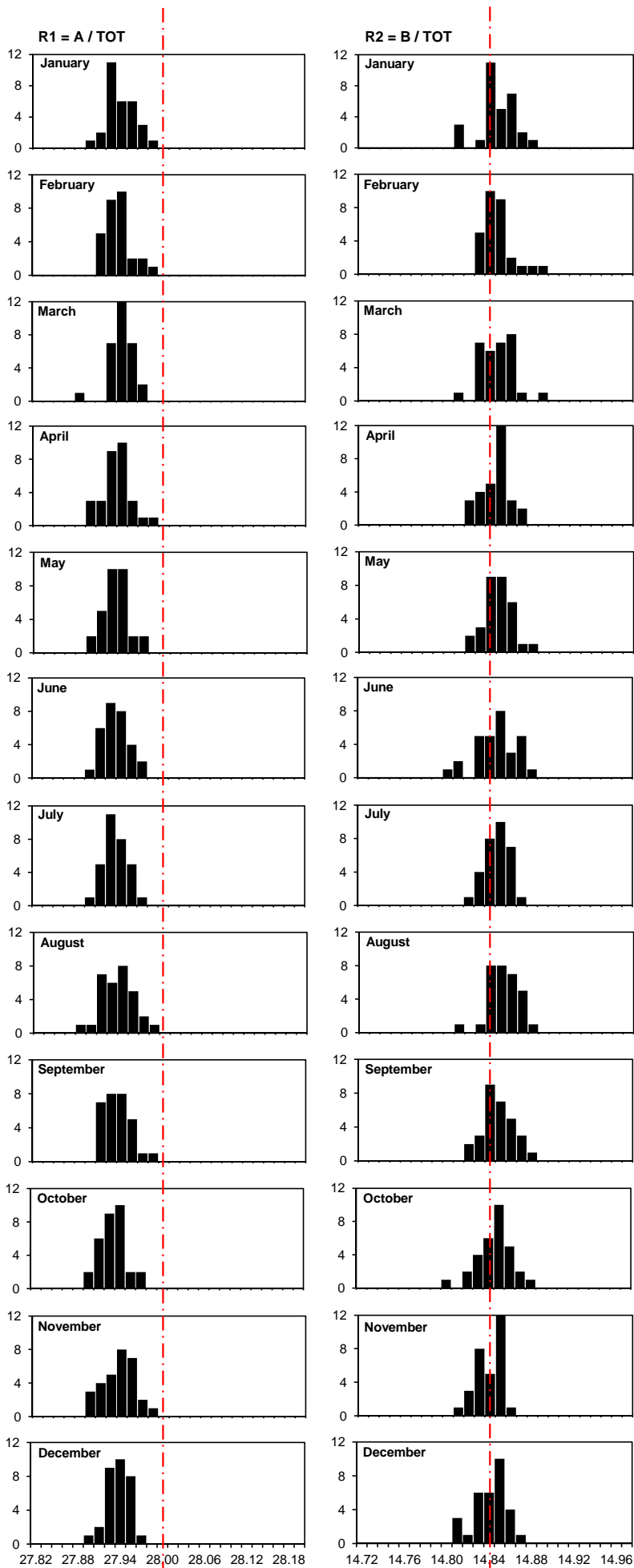
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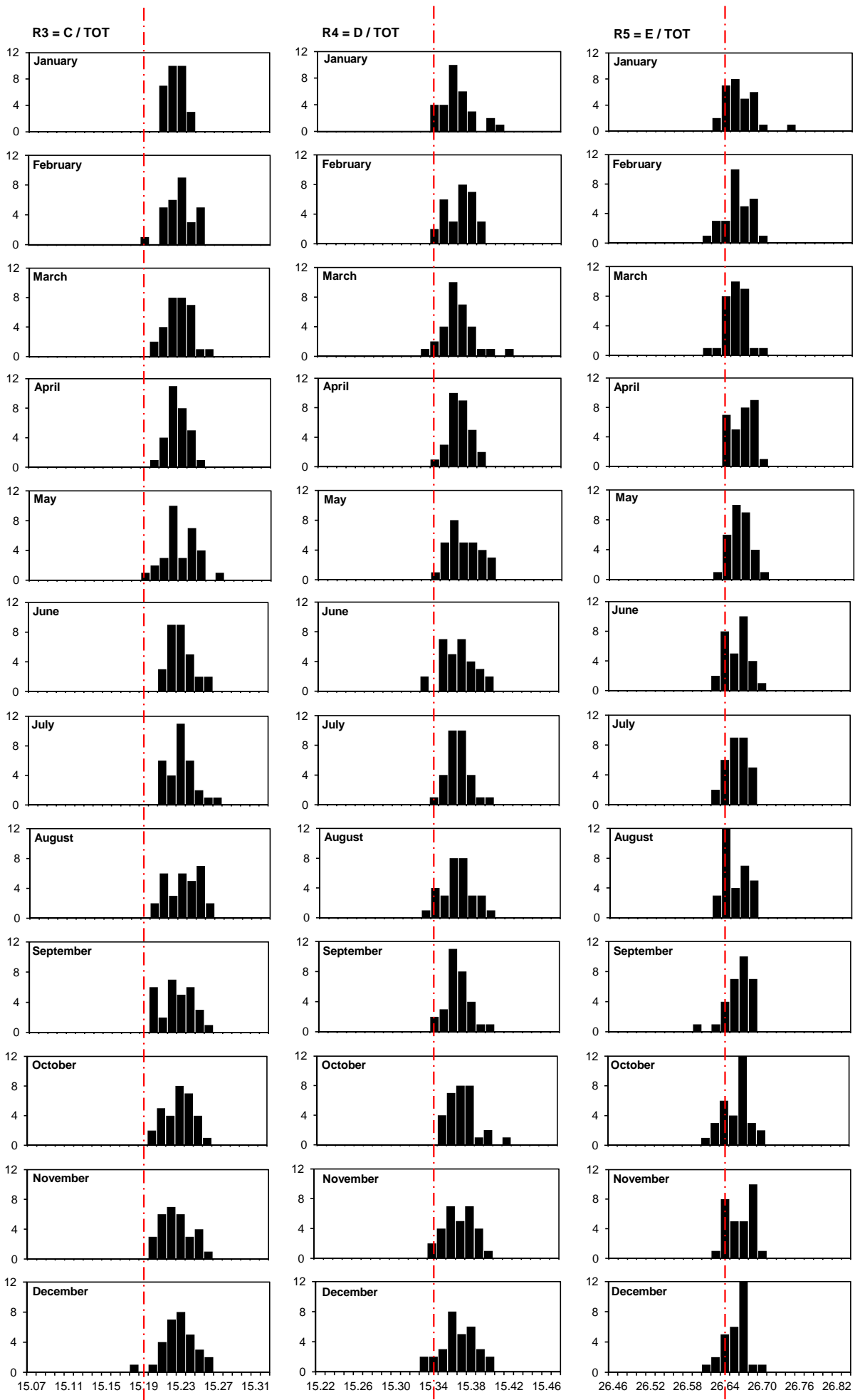
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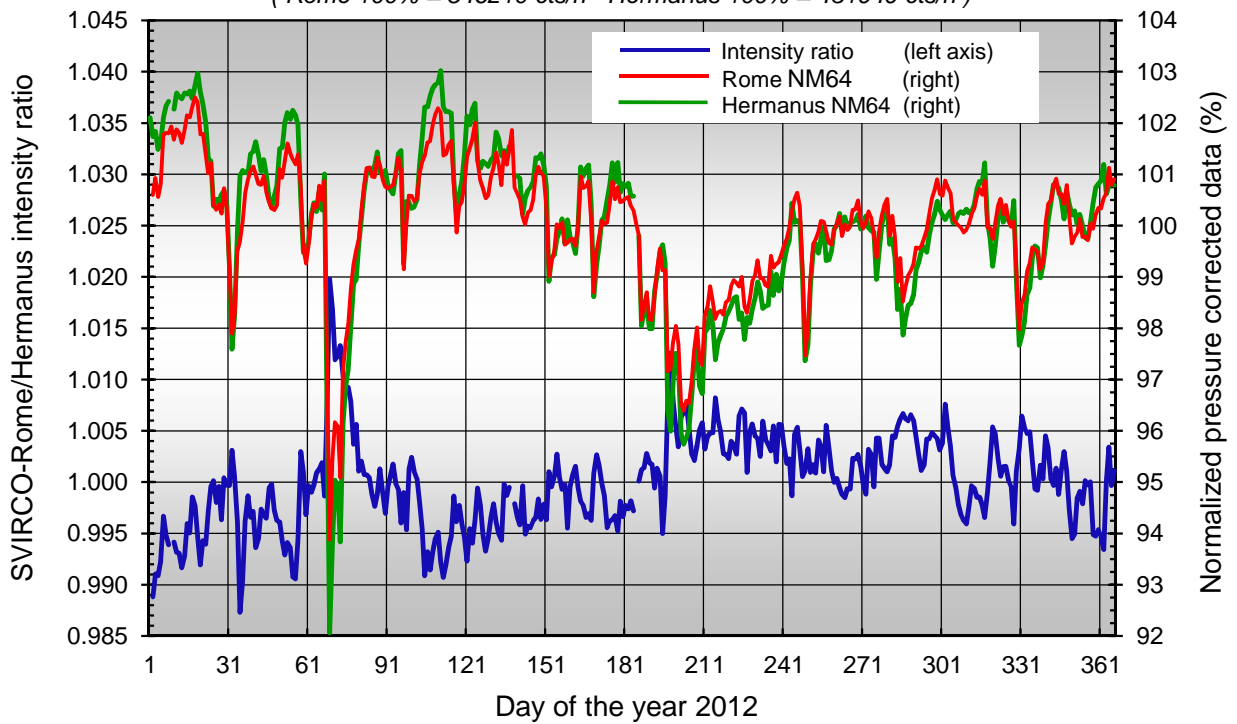


INAF/UNIRomaTre S.V.I.R.CO. Observatory 20 NM-64
Year 2012 - Ratios of Neutron Monitor Units

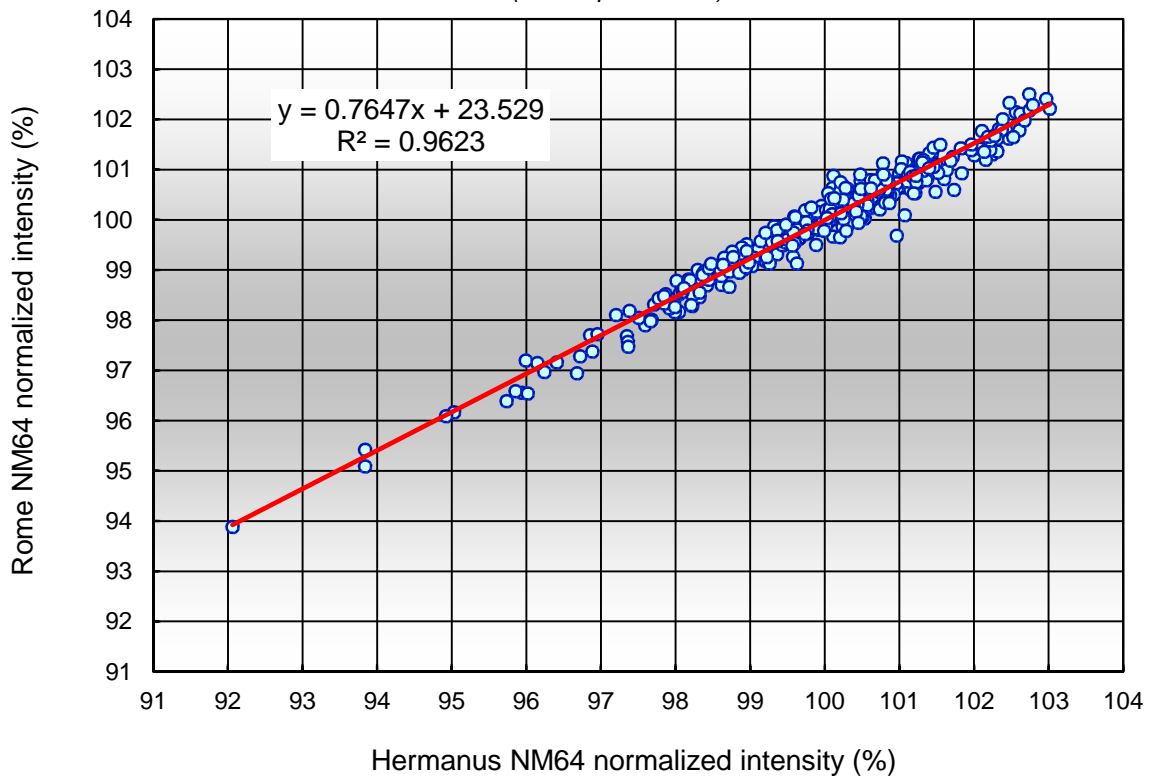


INAF/UNIromaTre S.V.I.R.CO. Observatory 20 NM-64
 Year 2012 - Ratios of Neutron Monitor Units

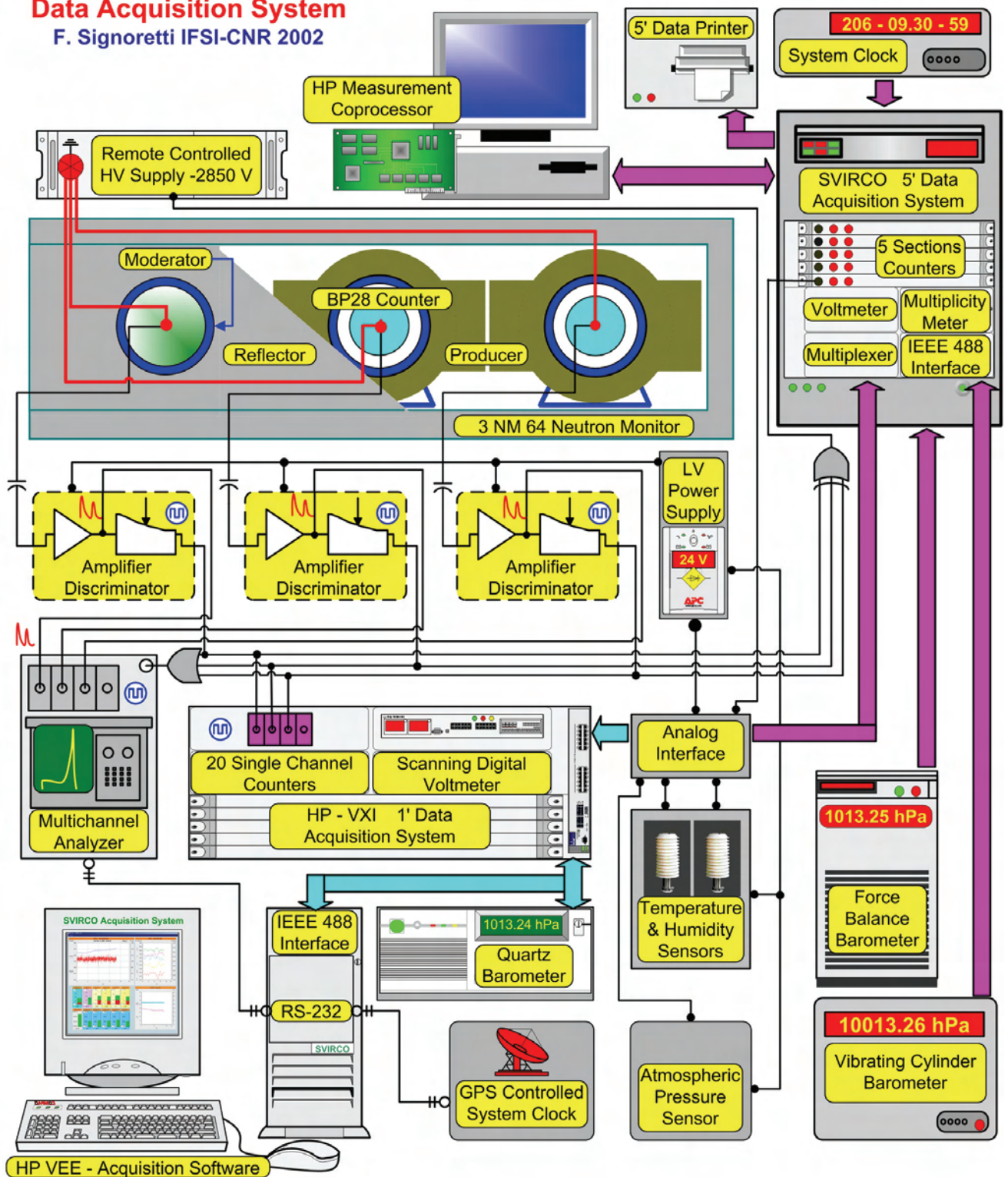
SVIRCO-Rome and Hermanus NM64 data - Year 2012
 (Rome 100% = 546210 cts/h - Hermanus 100% = 431949 cts/h)



SVIRCO-Rome vs. Hermanus data regression plot - Year 2012
 (No. of points 362)



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 2012

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVG	R1	R2	R3	R4
1																	
2												549249	549635				
3	550483	549518	550787	551013	550878	548828	549801	548426	548950	548310	549888	546851	549473	27.911	14.871	15.202	15.344
	547447	548592	548570	547084	549853	548457	551101	553070	552005	552342	553811	553557					
	553063	554012	555497	553512	553029	551703	550137	551606	549404	552376	550838	549469	551272	27.908	14.800	15.215	15.341
4	549247	548703	548989	551722	548977	550633	548937	550489	551669	551398	549457	550180					
	550180	548988	549188	547443	550050	547679	550012	548496	546677	548229	547646	547290	549262	27.934	14.830	15.206	15.346
5	545875	549104	551782	550748	550060	551308	551205	551693	550082	550737	551170	552130					
	554329	553623	552978	551243	549436	550474	550525	550661	549843	547494	549581	549796	550662	27.894	14.803	15.232	15.393
6	547489	552360	550843	550189	554776	554557	554317	555623	555200	557585	556885	557480					
	558385	557358	558411	556886	559237	559036	558365	559496	558636	556313	557417	554030	555870	27.933	14.833	15.222	15.330
7	554953	551446	553959	554109	555385	557465	555878	555846	555030	557548	556982	557687					
	557658	556830	556202	555637	557013	556881	558468	557606	556933	555464	554887	555910	556074	27.940	14.841	15.220	15.372
8	554805	556497	552932	555725	554363	555392	554740	558331	556646	555723	557125	557044					
	556133	558789	557506	557366	556801	555990	554952	556362	554823	557304	554502	554957	556034	27.959	14.819	15.201	15.410
9	555675	556158	556317	555213	556312	558885	559115	559153	557904	558353	558872	557692					
	556779	556242	557539	557057	556784	554919	556284	553719	555099	556338	555012	556670	556754	27.920	14.838	15.207	15.368
10	553112	554108	553525	555317	554913	557823	554765	556165	552607	557478	557628	554444					
	556017	554437	557264	557343	556621	556547	552725	553938	553967	555892	555256	556924	555367	27.919	14.851	15.222	15.359
11	555840	554929	554644	555907	557102	557018	555353	556399	557505	558935	554789	559672					
	557635	560095	559143	556968	556723	557109	554942	555078	555987	556095	553867	553514	556469	27.934	14.841	15.240	15.360
12	555008	555842	555880	554969	554890	556861	555691	555081	557257	558289	557497	557832					
	556450	557573	556616	556094	556832	555855	555210	554181	554564	556750	554052	555753	556043	27.916	14.841	15.215	15.369
13	554391	554875	554481	555251	552218	554214	557271	554705	556363	557007	555854	557070					
	557232	556214	556929	555653	554036	553897	553274	554391	553643	552110	554514	555002	555025	27.941	14.828	15.238	15.358
14	555332	555805	555254	555066	555167	554006	554607	556180	556674	558218	556698	556914					
	558149	557523	555438	558823	557370	556177	557373	553838	558048	556291	555448	556817	556301	27.975	14.836	15.209	15.338
15	558447	554743	555553	556346	555921	557709	556895	558973	559556	559017	557887	560502					
	558730	559160	558438	558424	559755	557030	558957	557476	558003	559190	556526	557297	557939	27.951	14.798	15.216	15.359
16	556624	557268	557584	555873	555698	557949	558490	559191	556866	557337	556356	557963					
	559328	559301	560126	559374	560412	558307	559081	556939	556241	557522	554861	557282	557749	27.922	14.851	15.202	15.340
17	558515	558351	558545	557331	554798	556326	556025	559799	558192	559900	557978	558258					
	557713	561152	561854	560121	559740	560149	560576	560616	559036	560386	558324	560655	558931	27.948	14.828	15.205	15.392
18	560349	558893	557125	558778	560198	557610	559597	559243	558948	562896	558469	560143					
	560069	558795	560354	559659	561964	558916	561307	561503	558786	561639	562452	559100	559866	27.916	14.830	15.221	15.362
19	559903	560724	557844	560007	560037	559936	559462	560899	560920	560294	557075	558309					
	561062	559484	561336	558001	560150	557778	559443	558498	558842	559388	557719	557822	559372	27.962	14.827	15.218	15.353
20	556669	559519	557916	556592	558116	554924	557682	554817	553433	554930	552646	553063					
	552392	552039	554680	555616	555544	557008	556162	557810	559001	557559	557501	557120	555947	27.934	14.848	15.218	15.338
21	558220	557977	559608	557986	556473	558617	555692	556827	556336	557689	558343	554423					
	557328	552721	554716	554280	553548	554281	557181	554133	552811	553841	554872	555450	555973	27.923	14.826	15.224	15.359
22	554020	556566	555382	554290	554830	554797	551386	551738	551000	552505	552261	554160					
	557573	555644	556715	553979	553608	554398	555001	553358	555159	553331	550762	549964	553851	27.898	14.852	15.223	15.379
23	552075	550813	552564	551507	551489	548976	552011	550982	550706	553924	553409	554785					
	554232	553228	551504	550330	551720	552665	552522	550816	548380	550188	550831	553367	551793	27.921	14.848	15.219	15.366
24	553371	553059	553412	557452	556498	558473	556370	557333	556004	558191	557229	556954					
	555986	556408	555976	552385	549997	547122	549543	546715	545667	544346	546357	543828	552861	27.921	14.832	15.225	15.360
25	545656	544715	548754	546039	548326	548843	547197	549429	550999	553184	553035	550338					
	550493	548844	548618	545117	547504	547730	547248	546050	546786	549509	548282	548257	548373	27.917	14.862	15.224	15.363
26	549739	547817	548223	549432	545965	545704	545188	550424	549987	551832	551023	551884					
	552383	550900	549423	551036	548770	548263	545633	547306	543522	541255	542543	541338	547900	27.958	14.827	15.218	15.360
27	541626	543420	544467	545613	545622	548162	546984	549305	547766	548542	551521	554041					
	554535	553868	552223	551104	552000	549292	548206	549697	546460	546670	545304	546721	548465	27.943	14.834	15.213	15.373
28	547414	545728	544724	547284	548014	544905	546624	547971	545416	549199	548391	550980					
	549455	552175	549225	548275	548205	547096	548179	546600	546157	546966	544087	547052	547505	27.931	14.858	15.213	15.346
29	544572	547642	549364	547653	547789	546637	548878	551036	550207	552943	554761	554311					
	553497	552627	553720	552443	554408	550772	551674	549926	548650	546010	548649	546195	550182	27.935	14.831	15.229	15.352
30	544507	544035	543816	543100	546945	548799	548282	549301	548260	549365	549699	550745					
	551552	553121	549330	549478	551827	549769	549637	551809	546999	546814	546469	541941	548150	27.948	14.851	15.218	15.351
31	540958	542818	545715	544681	542604	544273	543338	545858	548394	549925	548956	548880					
	545852	544892	542496	541245	540044	537226	536842	536039	531580	532169	533744	532545	541711	27.917	14.852	15.225	15.356
MONTHLY AVG	552132	552500	552682	552802	552874	553423	553210	554340	553860	555355	554502	555036	553372	27.931	14.836	15.218	15.360

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
Pressure corrected data - February 2012

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	534414	531145	533818	532740	536105	533150	536092	536397	536134	535547	536764	536327					
	538215	535446	536197	534371	534624	533129	533929	531976	535302	534113	533262	534209	534725	27.900	14.822	15.249	15.357
2	535231	534794	535892	534704	537503	537299	537630	535919	538248	540475	538752	539167					
	539084	536783	536839	537630	539314	534872	534880	535739	533864	536205	537448	535568	536827	27.938	14.843	15.221	15.381
3	539282	536820	537797	538773	540411	540824	540976	542022	543417	543933	543396	543836					
	547341	546870	547757	546663	549689	548123	545961	546552	545124	543732	542992	541464	543490	27.919	14.832	15.214	15.365
4	541835	540142	541489	539090	537239	539710	541456	543982	542825	544551	545640	544844					
	544935	546966	548254	548782	548138	548216	546597	547420	548291	545761	545764	545951	544495	27.933	14.823	15.206	15.368
5	542880	541836	542976	543088	544362	544638	544113	545997	547240	545773	546600	545963					
	546441	549262	545651	550732	549475	549270	549497	552033	549049	548928	547140	548066	546709	27.965	14.828	15.231	15.333
6	546182	546598	548454	549438	548444	548987	549647	550506	549690	550456	550430	549983					
	550619	548782	549219	549671	550238	551560	551670	550024	551318	552430	549319	550485	549756	27.933	14.866	15.224	15.370
7	550834	549533	549567	551545	548740	551827	549787	550119	552341	551748	551970	553182					
	550836	550424	549824	553194	549631	548508	550164	552260	552595	550171	554158	552784	551073	27.914	14.862	15.216	15.377
8	551451	550184	550332	550659	553037	551806	552532	553068	553232	551306	553568	549653					
	554495	552600	551321	551878	553990	551300	551581	551959	553125	551165	552531	550613	551974	27.919	14.837	15.242	15.378
9	552765	553017	553558	551308	550122	554095	551573	552025	551956	552957	552683	553805					
	551783	551196	552984	553698	552676	555176	554471	550888	554843	551259	551505	550000	552514	27.926	14.841	15.212	15.342
10	550134	550522	551131	550096	551132	552146	551323	554254	553460	550810	552860	553211					
	551026	552470	550922	550928	551629	551041	554141	550769	551661	553817	550831	548391	551613	27.922	14.824	15.235	15.346
11	548269	549890	547991	550253	548268	550443	547431	551275	548137	551658	551959	553307					
	553307	551816	552206	552061	551424	551826	551315	551822	550099	550283	550875	550194	550671	27.906	14.840	15.227	15.374
12	549466	549866	548324	549248	552363	550428	550681	551684	551422	551667	551089	552381					
	553532	551600	549130	551138	549874	549633	552179	550986	548526	549725	549334	549285	550565	27.933	14.824	15.221	15.366
13	549807	550371	547976	546412	549318	549840	549631	551076	553195	551222	551912	552561					
	552777	554167	551946	554952	550786	553610	552883	550106	553019	554641	550780	552643	551485	27.921	14.849	15.215	15.373
14	551489	550314	552110	551977	550275	547845	549529	548460	548385	550935	548377	546755					
	546821	547101	545121	545984	550939	552029	552279	553417	552484	550020	550654	550418	549738	27.912	14.832	15.217	15.379
15	552710	551338	552621	551971	549586	553381	553337	548880	550475	549893	547953	547750					
	544723	546804	546203	546367	548075	547313	546768	545848	545461	546863	546000	549740	548753	27.901	14.880	15.225	15.346
16	549057	551900	550622	552025	551723	552359	548568	549201	546754	546470	547856	547759					
	547172	545420	543600	544355	545350	546293	546641	547232	546991	550855	546712	548364	548053	27.918	14.829	15.221	15.352
17	548918	548943	547705	547167	545854	547228	548027	546858	546850	546623	545635	545684					
	546896	545545	548920	550648	549958	549049	548011	550025	546981	548859	548682	549401	547853	27.940	14.833	15.220	15.347
18	549886	547306	546268	547857	550185	547839	548538	548948	548466	548996	550276	547709					
	550455	548255	547775	546159	548359	546388	548429	548751	548738	547428	548762	549615	548391	27.922	14.842	15.223	15.366
19	551042	553875	554397	553247	555187	552490	551445	550958	554912	551621	551169	554489					
	552186	553814	550176	551954	552104	553778	552735	550208	551360	551165	549873	549132	552221	27.932	14.854	15.203	15.348
20	549679	551741	549985	548645	550630	549177	549966	548950	550338	550377	551309	551709					
	554420	555210	553462	552202	551699	552477	549483	551808	551704	553153	550988	552480	551316	27.943	14.845	15.217	15.342
21	552306	551969	551383	551601	553259	552269	551684	555611	552491	554176	553744	552583					
	553731	555787	553847	554423	553794	552857	554980	549588	552720	553450	555640	553476	553224	27.929	14.842	15.200	15.339
22	552048	557441	552719	553789	555206	554750	553490	554454	557220	556204	556515	556618					
	557469	557832	556729	557680	554551	553057	556943	554012	554947	551512	551496	552324	554959	27.974	14.817	15.203	15.361
23	553979	552552	553088	555248	556436	553726	553029	556772	553465	553815	556001	554717					
	556060	554312	555792	555710	551909	553315	553718	553744	554001	551804	550417	551732	553973	27.934	14.833	15.209	15.387
24	550971	551024	553529	554824	555183	552113	552242	551695	554123	553020	553788	554923					
	555173	553307	553234	553573	552875	554043	554616	553390	554543	552156	552812	552556	553321	27.921	14.827	15.221	15.378
25	554307	550991	550724	552399	550631	551282	551942	549683	553478	552202	554919	556533					
	556598	555874	555420	554355	555292	552113	552920	553594	551839	550252	550341	548134	552743	27.900	14.829	15.246	15.381
26	550067	550748	551307	551656	551119	552030	551956	551520	554810	555292	557649	557673					
	557987	558515	556298	555641	556390	553125	555286	556598	552410	553627	550006	549222	553789	27.929	14.837	15.233	15.364
27	547163	548003	547779	548941	549467	549265	547837	549481	549238	546512	549065	552685					
	554936	550404	550835	550842	553951	552129	552799	553836	552353	552430	551266	549830	550460	27.905	14.828	15.246	15.371
28	546413	545441	543724	541451	544904	544374	547215	547225	547235	547002	549249	544212					
	544943	543303	543394	542293	539720	543260	542465	540002	541434	540855	541211	540956	543845	27.937	14.831	15.244	15.365
29	541368	541914	542457	542386	543023	542794	545086	544527	542167	542144	542474	544369					
	543137	544079	543809	542723	539103	540301	542646	540588	539219	541365	538901	541833	542184	27.966	14.836	15.187	15.355
MONTHLY	548067	547939	547921	548019	548611	548556	548509	549019	549369	549220	549779	549806					
AVG	550245	549791	549202	549676	549502	549234	549655	549144	549104	548897	548266	548237	548990	27.927	14.837	15.222	15.362

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

Pressure corrected data - March 2012

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVG	R1	R2	R3	R4
	13	14	15	16	17	18	19	20	21	22	23	24					
1	540293	543962	543521	544039	546497	544955	545620	544830	544295	545123	544103	545332					
	545402	543829	544896	543931	542989	542749	543951	543246	542048	546377	542712	546242	544206	27.921	14.860	15.217	15.369
2	544613	546221	547633	547763	547202	546615	549711	548534	548963	548446	549775	547415					
	547435	547433	545502	544010	543819	547686	545016	545974	545445	545911	547626	547503	546927	27.934	14.823	15.233	15.374
3	545616	545924	547528	548647	550886	548433	547765	547510	549113	548599	552096	551608					
	550679	550352	549754	549210	550287	546497	547072	545980	545823	546916	549205	548674	548507	27.918	14.841	15.227	15.377
4	549979	549422	548963	549747	549455	548661	547673	549946	546740	548559	547260	547986					
	545148	545991	545893	545211	548179	546808	549864	548885	549076	548106	548940	550021	548188	27.942	14.816	15.228	15.369
5	551274	549290	550064	550460	550201	549196	553779	552546	551843	551226	552392	550278					
	549996	548756	550539	550343	548843	550350	548144	547956	550229	549740	551421	551852	550447	27.928	14.823	15.226	15.333
6	550486	549547	548422	549269	550678	551221	552884	554310	555138	554096	553995	547576					
	546263	547659	548066	548118	547823	543484	547014	543941	545121	545337	546897	546932	548928	27.878	14.848	15.235	15.379
7	548441	546893	548386	547362	550001	551588	549718	552237	553797	559452	557987	557799					
	554995	553252	557038	557312	554659	550887	549338	548188	544741	544584	541316	543002	550957	27.938	14.836	15.222	15.356
8	542719	541420	540137	540193	540786	539640	540378	538489	538659	540383	541992	532884					
	524611	528291	524550	527142	525919	524879	521350	520765	513645	510544	506793	505877	529669	27.917	14.837	15.238	15.348
9	509504	508958	513109	514251	511803	512618	515097	512008	514530	512849	513710	513925					
	512026	514121	516992	517257	513242	513045	510800	511836	510882	509688	511568	513499	512805	27.948	14.841	15.213	15.356
10	515005	513697	516698	516790	518598	518372	519545	522798	522108	524623	524123	523169					
	525183	523951	524273	523608	524049	522361	522373	522382	521525	521192	520964	521213	521192	27.944	14.849	15.196	15.391
11	522116	522130	524925	526651	525992	526347	527143	525716	523552	524111	523631	528251					
	529709	528622	529996	526387	521974	524071	525725	526174	524506	522624	523377	522727	525269	27.914	14.839	15.216	15.366
12	524372	525838	524474	526935	527205	529457	528581	529580	528289	522168	520391	524012					
	528106	525598	523551	525207	526679	525231	523989	521076	522132	522467	520268	520552	524840	27.926	14.819	15.237	15.410
13	515964	513427	509816	513075	512376	512810	514658	514524	513377	513574	515036	514602					
	524874	527700	527760	525519	526445	525718	524018	522097	523246	524299	524890	525242	519377	27.962	14.835	15.200	15.351
14	523839	523525	523678	526824	525608	527032	527804	530937	529271	528297	532537	532294					
	532129	530224	534598	534360	534035	535444	534297	534708	535218	532604	534564	531266	530629	27.926	14.851	15.234	15.360
15	531396	530557	533336	532227	533168	531847	534734	535991	536563	536023	536444	534325					
	537786	537628	535526	537161	533351	532222	533494	531519	528055	530443	532487	531884	533674	27.923	14.846	15.238	15.346
16	532152	533179	535239	532412	535579	534734	533729	538618	537871	537872	537628	538396					
	538251	535630	538909	538030	538921	536079	533024	535049	534936	533737	534750	535738	535853	27.952	14.841	15.216	15.339
17	538299	536501	538360	539836	539846	538616	539200	538502	539860	538078	538025	540241					
	542258	541013	539228	541613	538345	539967	539271	541379	540936	539528	540994	539946	539577	27.929	14.879	15.197	15.353
18	538229	538711	541771	540914	543234	542332	543084	542204	544628	543650	543161	542882					
	544140	542889	543624	542665	541796	542447	540743	541340	540723	542436	540517	541757	542078	27.922	14.827	15.217	15.367
19	539129	539264	540093	543535	544300	544855	541801	545286	543846	544914	545183	545124					
	544755	545050	545018	544995	542736	544029	544369	543278	544230	543525	543710	542049	543545	27.938	14.849	15.204	15.326
20	541274	541733	542653	541286	543164	544464	544273	545335	546056	545572	548507	545871					
	548121	545386	545120	546437	546242	546671	545610	544517	542989	544621	544046	546637	544824	27.948	14.797	15.245	15.351
21	546684	546586	545521	546281	546767	546818	546165	548461	548752	547997	551202	549659					
	549088	548817	551367	549529	547518	546663	548512	548977	546822	548104	547213	547970	547978	27.931	14.854	15.223	15.351
22	549523	546696	551879	548731	552658	552627	551141	554463	551184	551210	553957	552735					
	549760	551160	549209	549888	546780	548344	550000	547007	548580	549408	551406	552219	550440	27.953	14.835	15.234	15.344
23	551215	552748	549931	553680	551304	551888	551719	552488	552606	554039	551310	555833					
	552001	554459	552735	552753	551905	553727	554633	551752	550056	551231	550140	551887	552335	27.918	14.817	15.251	15.361
24	551322	551074	551102	551238	551253	553172	553512	553482	554033	554802	554697	552104					
	554692	553456	551067	553662	553891	554096	553821	550872	551364	550215	549867	548690	552395	27.940	14.819	15.212	15.390
25	547897	551020	550271	551210	550475	550112	549499	551595	553818	552129	553691	551534					
	554555	554832	552126	553912	553291	550243	550994	550982	551007	549133	551878	548226	551435	27.934	14.838	15.225	15.347
26	548303	547569	551146	549296	550212	551268	552850	550951	553637	552380	553587	554342					
	552017	551446	553483	551470	551839	552214	552888	552900	552238	548233	548955	549539	551365	27.929	14.833	15.222	15.380
27	547281	548292	550536	549577	550675	554428	553225	552628	551763	552736	552814	554316					
	557410	553898	555809	556302	555721	557437	555826	555260	554441	553751	553794	554632	553440	27.932	14.826	15.227	15.364
28	553766	555540	552845	551179	551802	552933	551166	552584	553231	552485	552324	555145					
	556014	554384	553441	555949	552487	551679	551895	549062	551463	551072	549678	549375	552562	27.928	14.851	15.209	15.353
29	549570	553333	549887	549757	550787	550313	551601	549962	552847	550513	551368	551627					
	551199	551777	550670	553551	550776	549883	552371	550536	550138	551133	550555	554107	551178	27.929	14.846	15.216	15.352
30	551347	551294	553338	552733	552165	550914	549778	550633	549519	550558	552319	548760					
	552043	551580	553227	550372	550607	551082	547170	547887	546326	549380	547348	548544	550372	27.968	14.833	15.206	15.360
31	549406	549732	549029	549826	550692	550463	549429	552033	554113	551333	551280	550582					
	550623	550003	551348	548239	551366	550991	549402	549202	547980	547516	549595	550037	550176	27.937	14.820	15.218	15.356
MONTHLY AVG	540355	540454	541106	541475	542109	542217	542492	543174	543355	543155	543759	543245	542102	27.932	14.836	15.222	15.361

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

Pressure corrected data - April 2012

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	546685	550064	549237	549039	547458	549998	549252	548090	548402	549475	549732	551555					
	550556	549781	550930	553094	549487	550164	553575	552960	551725	553300	551525	552097	550341	27.952	14.844	15.199	15.366
2	555197	553045	554669	554091	550756	551231	552211	550731	548338	550041	548080	548444					
	550625	549083	547969	548354	550175	548575	549237	549834	548697	551378	552350	550351	550561	27.975	14.840	15.215	15.341
3	552128	551898	551069	550719	552398	553000	552021	551699	552143	551367	552475	550510					
	551402	551146	552181	551560	551139	551291	550681	552885	553141	551434	550752	552703	551739	27.938	14.843	15.221	15.359
4	554852	554538	553488	551128	553003	555538	555115	553423	553834	553004	552664	551642					
	550772	550957	552231	551534	553450	555244	553591	555989	551574	554863	554954	555933	553472	27.935	14.811	15.231	15.371
5	555360	554703	554204	556173	553970	556946	558410	558772	559126	558575	556018	560387					
	556367	554283	551789	551546	549184	547546	547586	542320	541488	540838	540063	542134	551991	27.935	14.827	15.230	15.352
6	5542032	539934	543447	540374	540854	538850	541112	539983	540554	539956	543649	543912					
	543944	543457	545353	546064	544439	540052	541446	541200	538794	538938	537537	541551	541560	27.887	14.835	15.243	15.356
7	542244	542325	541344	543719	541662	542152	541110	545279	546873	551680	553228	551118					
	552757	551189	549376	550669	550643	547666	546556	545936	543323	543529	541606	543667	546235	27.960	14.813	15.210	15.368
8	544416	543776	544752	548090	549579	547742	552570	551532	552581	552268	553303	554105					
	552910	551619	549631	550021	549081	549431	551056	547533	546954	547737	547676	547124	549395	27.891	14.836	15.210	15.372
9	545384	547531	549842	549485	550656	551853	552712	553104	553448	553610	551534	551610					
	550313	550905	548775	550624	547683	546247	546248	546646	556519	546145	548249	545774	549375	27.955	14.844	15.223	15.353
10	551502	547950	547516	548317	547885	549391	551030		552759	550872	550058	549292					
	549197	547486	548643	551396	549035	549557	547380	547646	548139	544084	545971	546824	548780	27.921	14.857	15.221	15.362
11	547878	546360	548728	546551	548795	547765	549984	549078	551493	552413	552386	550589					
	552238	551754	550764	551698	550734	545907	547278	546977	546560	546034	547834	548640	549102	27.933	14.832	15.212	15.362
12	549660	547987	546879	546565	549343	553758	550651	550793	550370	554313	551214	553191					
	552850	552306	552152	549678	553972	554309	552207	553230	553881	552878	553441	554378	551667	27.947	14.843	15.203	15.337
13	552484	550340	551629	554096	552733	553279	557075	554436	553661	555949	556410	556555					
	554304	553465	551604	552971	552744	552149	551201	551529	552948	550370	551015	550267	553051	27.901	14.847	15.220	15.354
14	551432	553179	552780	553222	553089	554856	556041	553619	554223	555639	556293	555705					
	556001	556355	555187	555661	553578	554496	554032	551507	549271	551222	551876	550218	553728	27.905	14.839	15.233	15.347
15	551314	550634	557424	551965	554148	556204	555494	557153	557595	554851	556527	557675					
	555604	558228	555160	557099	556410	553887	552983	556514	552798	554810	552638	553934	555044	27.919	14.829	15.219	15.355
16	553398	554347	552677	551782	552865	554326	557043	553731	556545	555854	555781	558091					
	555847	556850	555812	555764	556800	557849	554723	556888	556411	554061	554920	552611	555207	27.905	14.819	15.235	15.386
17	553454	552834	553695	554577	553732	556235	557135	557124	555521	555528	554816	558318					
	558762	557828	559918	560003	556744	557917	560398	560630	560103	557921	556777	558592	557023	27.915	14.829	15.210	15.373
18	558127	557951	557183	557946	558583	558281	559673	557709	558567	560093	557489	561538					
	558571	558955	560354	558121	559066	555932	556048	557160	559277	556207	555539	556740	558130	27.918	14.835	15.220	15.368
19	557860	557170	558803	558561	560111	557762	559745	560716	559875	560113	558982	559299					
	560386	561277	559452	560522	557948	556527	555856	557432	556808	556493	558900	557938	558689	27.914	14.817	15.235	15.363
20	556349	557323	555144	558369	558793	557976	557402	558913	559549	559047	559874	562493					
	561057	562108	559432	559027	556097	559569	557639	557202	555579	556800	556491	556838	558295	27.894	14.846	15.214	15.380
21	554708	556816	554222	552836	552320	550386	550999	551536	551162	550785	550935	552880					
	553466	553846	554482	555723	556042	556959	554448	554890	554979	555005	554628	553692	553656	27.931	14.820	15.222	15.352
22	551409	551642	548770	551782	549740	552535	552168	553358	554538	555933	553131	558120					
	556672	554388	555158	557451	556531	556442	555472	553643	554557	553562	551205	553602	553825	27.937	14.817	15.226	15.361
23	553600	551734	552890	550332	549174	554315	554022	555171	555005	554134	554491	552752					
	551238	553146	553306	556217	553527	554523	556011	560086	557785	559622	558811	563640	554814	27.912	14.843	15.222	15.357
24	560771	559679	560269	558071	555421	555959	555055	550183	553468	553759	556851	555242					
	557031	553702	555308	553920	554223	553837	552741	555174	554520	555409	552253	552924	555240	27.928	14.836	15.215	15.344
25	553095	552830	551662	548250	549421	548606	546810	549253	550084	552412	552826	553607					
	553700	551317	551715	551649	550454	551212	549911	548441	549884	545350	547003	546258	550240	27.930	14.834	15.215	15.381
26	545204	547166	545827	544824	544714	546606	544185	544347	543040	544500	544364	545025					
	543939	546087	545932	546670	546264	545895	545063	546060	546859	547918	546472	544724	545487	27.923	14.855	15.216	15.373
27	547176	548933	548143	549376	549455	548399	545642	547735	549024	545423	549825	547576					
	548062	551077	549304	549138	549663	546681	548908	545491	547950	547263	547843	548997	548212	27.938	14.844	15.203	15.352
28	547971	549076	546844	548181	548249	547762	549574	546261	547917	549301	548609	549135					
	547158	549658	547258	549229	550243	550264	549220	548929	548730	549133	552149	548782	548735	27.940	14.813	15.237	15.366
29	548549	550215	551422	549490	548257	550586	551484	551600	551277	551843	551510	551273					
	550898	548675	549443	550790	550906	550766	551649	551010	552010	554127	550262	550478	550772	27.924	14.847	15.215	15.365
30	552376	552522	553846	552017	552571	553586	553732	555170	554264	554593	553571	553789					
	554968	555933	552137	551558	554321	553894	555050	552577	554296	553815	553236	552476	553596	27.923	14.838	15.229	15.355
MONTHLY	551220	551150	551280	550998	550991	551863	552315	552086	552508	552911	552888	553514					
AVG	553053	552895	552359	552925	552353	551826	551606	551611	551189	551008	550799	551130	551932	27.926	14.834	15.220	15.361

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure corrected data - May 2012

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	551086	551608	550770	552113	552549	553190	551698	555488	556083	557374	557544	558677					
	557138	557149	555438	555254	555566	556394	554788	554195	554773	552313	553155	551924	554428	27.938	14.847	15.196	15.382
2	549893	550896	552046	552148	552601	549352	550687	554011	555069	555763	554141	556970					
	557611	558259	558986	560916	559017	559254	558812	556698	557996	556164	555708	555327	555347	27.931	14.842	15.220	15.361
3	554096	555566	557522	555499	556390	557499	556786	558411	560450	562381	561303	563473					
	560252	560487	558994	558524	558619	553269	554597	553957	554104	552726	552328	554702	557164	27.916	14.830	15.236	15.385
4	549938	553161	553557	554201	554091	556439	554550	556776	556225	555793	554791	553074					
	553087	553251	551394	551846	552478	550898	553040	549419	550209	550613	549446	550598	552870	27.914	14.836	15.246	15.352
5	550962	550273	549280	550752	549264	550322	552297	551127	552352	553368	551575	552898					
	551243	553305	550025	555864	550447	551644	550352	550217	551453	548983	548805	548331	551047	27.923	14.844	15.216	15.392
6	550942	548171	548391	548521	550199	550765	548602	551427	552063	552382	554012	555496					
	552325	553986	550006	549758	550134	549176	548234	550547	547627	547948	547759	546542	550209	27.936	14.817	15.216	15.373
7	547702	546663	548810	547213	547032	549378	549693	548813	550539	550645	550841	551829					
	552438	550455	550855	548865	549173	548926	548844	549937	549133	546979	547852	546283	549121	27.951	14.826	15.203	15.355
8	544999	547517	547145	549110	546176	547831	549524	547342	552006	551964	552037	551487					
	553997	554008	554665	551625	550331	549353	550399	548113	544818	546165	547242	549385	549468	27.916	14.850	15.246	15.341
9	549319	547900	548251	544476	549035	549496	548284	548892	550565	551313	552930	554858					
	554328	556091	554026	555108	551142	551698	551088	551802	553608	553306	552803	550761	551295	27.916	14.852	15.231	15.346
10	549985	551502	549803	550745	551989	550308	550418	552096	553635	555347	551989	555759					
	555392	554873	556682	552788	550178	552994	554730	551911	551850	550298	547256	553421	552331	27.932	14.834	15.216	15.350
11	553813	555037	551952	554769	554702			553809	554670	556041	555410	554255					
	556561	557605	555419	555205	556201	552389	553464	551457	553334	550202	549811	551902	554000	27.957	14.835	15.183	15.389
12	550111	552286	550664	550403	551576	551878	552403	552654	554486	553597	554485	552330					
	555119	556435	553500	552454	555830	554970	552725	555112	550423	551428	548541	550295	552636	27.923	14.812	15.219	15.390
13	547583	549634	549536	549524	548399	548876	548511	549209	550561	548546	547864	548605					
	549941	548988	550853	551265	549339	551107	548825	552434	556776	555420	554495	556299	550513	27.900	14.845	15.212	15.379
14	555138	550963	552564	552899	551042	553155	553770	554135	557352	555716	556085	554158					
	552370	556051	557398	554997	554929	555217	554378	553376	554861	552914	552270	551908	554069	27.891	14.827	15.211	15.391
15	550457	550439	550696	552450	555019	555447	555963	555616	553271	554670	553980	552333					
	554371	553329	554521	553877	551924	553328	551685	551476	550500	550445	550588	548756	552714	27.915	14.870	15.200	15.369
16	551386	551982	553318	552921	552084	554109	552867	553369	553778	552867	557131	554069					
	554187	554252	554545	553240	553919	554785	555435	554861	554897	557307	557066	5506912	554387	27.901	14.831	15.244	15.347
17	559679	557229	557445	558322	559782	560891	562733	561454	560208	559885	561459	559366					
	556492	555491	556422	553442	555438	554194	551336	552225	550901	548897	550845	548802	556372	27.942	14.818	15.240	15.354
18	550989	548801	546875	550006	551159	551333	551149	551610	549893	550998	552937	553627					
	552505	550783	551998	551279	551511	551759	549686	548642	549532	548393	546586	545646	550321	27.899	14.855	15.234	15.360
19	545859	544350	549548	544880	546725	549218	549466	548213	550847	551942	554054	551376					
	552571	555075	553625	552930	551914	549629	548721	549056	548609	547158	547744	547740	549635	27.901	14.827	15.267	15.374
20	544418	544095	545839	545164	547468	551787	552752	551628	553580	551670	554001	553962					
	553500	553557	551636	552357	548721	548459	547969	546246	544885	543932	544201	543729	548982	27.936	14.837	15.228	15.345
21	543603	546621	545684	544562	546003	547781	546140	548755	549444	550767	552322	550734					
	549315	548618	548994	550289	548711	547883	546529	544662	544810	543887	543206	544277	547233	27.959	14.836	15.230	15.356
22	542700	541692	540851	543676	546211	546851	547352	546555	545359	549153	548837	550695					
	549068	549420	551207	551092	545713	545083	544204	547033	545063	544584	542747	547684	546368	27.914	14.835	15.215	15.357
23	545915	547135	545994	543404	546087	546065	547654	548430	549627	550145	551255	549981					
	552210	548901	549066	550185	549012	549428	544970	548028	543811	544079	546154	544517	547586	27.939	14.809	15.245	15.361
24	547748	544408	546598	546342	546351	550820	548117	547892	549526	549352	550900	551714					
	552577	550667	547854	548235	549839	547219	546507	542812	546324	546697	545494	543980	547832	27.925	14.836	15.209	15.374
25	545799	545728	544957	547325	550907	548746	548529	548858	547032	549702	551147	551144					
	551755	551345	553286	548495	551394	549303	548265	545406	548029	549886	548243	548837	548922	27.893	14.819	15.234	15.367
26	549349	549533	551156	550622	552323	550689	551146	551261	553456	552914	553654	553731					
	551566	554347	552662	554512	551262	550287	552576	548381	550120	549851	549940	551643	551541	27.902	14.849	15.227	15.386
27	548952	551477	547628	549802	551733	551771	552450	554041	556491	555500	558283	555797					
	556219	555602	553013	551349	553787	551568	551005	550758	551575	552271	548923	549070	552461	27.932	14.833	15.230	15.343
28	548382	547954	548576	550175	550496	549956	551317	551903	551955	556593	555152	554857					
	553805	550763	555079	549482	553383	554944	554063	553958	551873	551057	549712	548832	551844	27.915	14.852	15.206	15.356
29	550079	549907	550021	550232	551787	551427	550136	552212	553281	551893	554009	553941					
	553852	555729	554324	553658	551616	551837	551700	549374	547575	547533	549374	549179	551445	27.923	14.830	15.219	15.377
30	549016	549264	548886	548309	548196	551723	550776	550749	552869	550410	552557	550056					
	552145	550131	547612	547748	547430	547122	545533	546499	544812	545245	542929	540345	548348	27.929	14.855	15.236	15.333
31	541597	543084	540237	541960	538369	538644	540048	539975	540878	543608	544523	543029					
	543769	541506	541379	539078	539425	538497	541654	540752	538219	539399	540866	539719	540842	27.927	14.843	15.211	15.361
MONTHLY AVG	549081	549190	549181	549427	550185	550858	550861	551507	552502	552977	553587	553364	551011	27.922	14.837	15.223	15.365

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

Pressure corrected data - June 2012

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVG	R1	R2	R3	R4
	13	14	15	16	17	18	19	20	21	22	23	24					
1	540108	543028	543002	544307	544296	543518	543926	542857	541197	542002	542419	541331					
	544792	544562	543537	542586	543784	540893	541203	541018	540240	541575	541911	541355	542477	27.927	14.862	15.225	15.356
2	542881	541370	543117	543176	541828	540692	543077	544149	542109	541832	543565	544010					
	541969	545646	544268	544515	543513	544402	544347	543607	544699	542785	545258	545670	543437	27.918	14.843	15.223	15.382
3	546431	542988	543896	545306	545842	545208	545574	543568	545178	545160	544376	543610					
	546816	548332	548480	546884	548877	550189	550012	546835	547038	548568	547592	545184	546331	27.926	14.835	15.219	15.356
4	543492	544010	542768	543822	544286	545039	544411	545007	547831	545271	548093	549116					
	548317	548785	548020	547860	547049	545973	545883	545451	547073	544685	546223	544137	545942	27.947	14.835	15.215	15.365
5	546034	544100	547215	546785	543978	545597	545466	548946	544914	545343	546710	545209					
	548547	548509	550710	549268	549412	547614	544668	547619	544906	547868	544948	542768	546547	27.918	14.818	15.225	15.356
6	541074	543441	542656	543352	544004	545516	543453	542281	542592	543249	546088	545626					
	544739	547876	546934	546127	544698	545836	544513	542977	543162	543766	542186	544038	544188	27.959	14.797	15.204	15.348
7	542668	541034	543455	542433	545030	543706	543996	544968	546504	544579	546234	546108					
	546602	546053	545510	546437	544603	545487	541556	544841	545919	541524	541892	544169	544388	27.909	14.858	15.244	15.327
8	542505	541859	544597	544500	545363	546074	546592	546804	548078	550552	549471	549766					
	548799	548088	546073	545407	546987	543178	543255	539330	538161	538677	539633	540492	544760	27.927	14.819	15.235	15.349
9	543648	542314	544480	544793	544914	545080	546947	545400	548752	547991	544909	546125					
	546310	547567	545904	544149	542289	543206	540340	545407	545217	540643	545808	543330	544813	27.903	14.856	15.239	15.342
10	544358	542181	544466	544978	543480	545939	546854	546056	547119	547103	546194	546638					
	545375	543618	543339	545125	545717	543342	541102	542267	539119	540950	540523	542137	544082	27.918	14.844	15.221	15.365
11	543289	542472	541736	542571	543402	543363	544603	542790	546693	546243	545134	547022					
	548792	547320	546934	546136	546179	546045	546777	548220	548935	549163	548636	549695	545923	27.936	14.838	15.227	15.361
12	552067	550472	552481	551171	552895	552270	551035	552141	551899	554767	553053	555238					
	552332	553758	553146	554272	551892	551474	548437	551074	548625	546404	547028	546487	551434	27.940	14.832	15.234	15.349
13	547804	546887	549311	549665	553878	551406	553833	551243	551894	553175	551977	554857					
	556113	552999	551783	551750	547835	549038	548880	547370	544891	545444	545324	547701	550211	27.941	14.848	15.226	15.358
14	545984	547400	549754	548712	549458	548785	551856	551701	554078	554408	554699	555131					
	556407	553825	552318	550467	550294	549865	548360	546897	547545	546629	548203	546515	550387	27.917	14.826	15.236	15.368
15	549414	546566	547541	548745	551451	551743	551590	552699	552565	552447	555743	557713					
	551335	553873	552331	553388	550708	549679	548701	549000	549221	547920	549821	548316	550938	27.932	14.793	15.221	15.382
16	548419	547580	547547	548582	549358	546726	549860	551757	552372	554590	550947	550945					
	551490	547852	550064	550398	547054	544324	542950	541417	540183	535226	532235	532200	546420	27.933	14.798	15.236	15.377
17	531310	533103	531839	531967	533863	531892	533658	535448	538225	539263	541167	543100					
	544104	542689	542769	544256	543461	542518	543495	543969	542191	542055	542839	539739	539122	27.921	14.828	15.220	15.395
18	541978	540320	541286	539127	543290	539947	541229	539482	541629	540949	540984	545523					
	546226	547414	548949	548688	546215	548063	546315	542881	544109	540611	543586	544774	543482	27.906	14.851	15.217	15.349
19	543867	543450	543545	543856	542796	543710	542933	545855	544560	542572	541177	544553					
	545124	547988	548864	550289	549399	546643	547672	544287	542024	545854	544475	544805	545012	27.970	14.836	15.220	15.328
20	544789	544676	543294	544868	545133	545912	545799	544474	545471	548706	547890	547777					
	548027	548995	547864	548786	547834	549702	550621	547059	548068	545783	543061	546143	546697	27.903	14.837	15.208	15.376
21	542909	544880	545335	546467	544292	546381	546832	546687	546921	546941	550487	548344					
	550829	547188	547968	547414	546294	545874	545499	545354	544831	546072	545783	544515	546421	27.910	14.870	15.224	15.376
22	545404	543789	544353	547055	542563	545435	545506	547407	548310	545861	550880	549108					
	549847	551530	548407	549444	548213	546393	546031	546483	544916	542315	545539	542414	546550	27.948	14.856	15.200	15.366
23	544394	544886	547229	546990	549092	548529	549228	551568	550158	552996	551167	550004					
	549660	548537	549609	548080	547431	545965	546292	546857	546821	548781	549014	549320	548442	27.934	14.824	15.221	15.358
24	549729	548510	549391	552994	550844	550493	552916	553797	555088	552762	551644	553109					
	551120	550619	552555	554166	551503	550949	550324	548077	548933	548016	547760	546021	550888	27.903	14.833	15.245	15.383
25	548523	546058	548548	546091	546844	548660	549145	546860	549686	550674	550895	550589					
	551566	552947	550909	551288	551855	551670	549467	547970	545459	546110	546284	548443	549023	27.916	14.819	15.219	15.391
26	547469	548515	549231	549386	550763	547159	551187	551573	552545	551702	553217	549997					
	551572	552352	550627	551511	550846	550911	551185	550460	549404	549234	548310	547877	550293	27.930	14.848	15.252	15.348
27	548880	546561	548224	547028	547538	548227	548529	549142	548555	550001	550207	549463					
	549051	550858	552318	550021	549668	548897	548339	549532	546842	547137	547807	546464	548720	27.891	14.857	15.220	15.365
28	543905	546709	545346	547286	548524	545552	547898	549187	550956	548154	551507	550120					
	550900	549648	549682	551672	550200	550734	548255	549043	548812	549413	547754	550524	548824	27.896	14.838	15.255	15.347
29	546153	549122	549573	546966	546687	547287	547811	549939	549910	548368	550356	551367					
	552628	550621	549506	550627	549886	549337	548882	549714	548721	548704	549368	547444	549124	27.917	14.818	15.219	15.377
30	546831	548209	548130	547411	545297	547320	546586	550473	549204	549404	550448	550252					
	550924	554147	550890	549167	549584	547567	550109	548676	550609	549350	551586	550168	549264	27.923	14.837	15.216	15.365
MONTHLY	544877	544550	545445	545680	546033	545905	546744	547142	547844	547902	548388	548725					
AVG	549010	549140	548676	548673	547776	547192	546449	546123	545556	545042	545346	545095	546805	27.924	14.835	15.226	15.362

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure corrected data - July 2012

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	548359	547043	544440	546970	545540	547469	547877	548913	550402	550089	550545	550742						
	551247	551363	550381	547891	551710	547877	547233	547839	549654	546281	546078	543903	548327	27.919	14.858	15.246	15.356	
2	544898	543889	548333	546226	546320	548357	546174	546924	547990	548979	546959	547572						
	547578	549739	549270	551694	550505	549036	546412	549521	549082	546135	548424	547203	547801	27.918	14.841	15.240	15.354	
3	545905	548324	547798	545532	546597	546111	546412	547019	543611	546487	547966	547914						
	548048	547686	547616	547545	546794	544128	545440	546245	544423	545448	545006	546153	546425	27.927	14.818	15.204	15.374	
4	547282	544780	544240	544048	543811	543022	546375	547367	544754	551522	548772	549706						
	549903	546215	547149	545478	543819	543665	544034	543170	540659	542497	542080	540483	545201	27.933	14.843	15.213	15.360	
5	544130	540905	539839	539642	540458	540073	540245	539377	537638	540811	537460	534377						
	532619	533088	531684	533782	534626	530755	532505	531116	530960	530729	534316	537511	536194	27.943	14.830	15.222	15.353	
6	534992	535856	535281	536816	535961	537361	537334	540243	539931	538930	540671	540663						
	541677	538809	540437	538312	536570	536527	536745	536992	537464	539155	537137	533648	537813	27.913	14.832	15.207	15.371	
7	534357	536024	536079	536961	536833	537894	537598	538214	541613	539851	542555	542869						
	542521	542951	540656	540908	543106	539145	539614	537847	537942	536290	537365	539083	539095	27.955	14.826	15.205	15.348	
8	536962	536637	537783	536951	534962	537395	534816	538795	541203	540841	539972	540295						
	541592	540736	540359	536191	537643	535226	530318	529735	528856	528928	531097	532690	536249	27.936	14.833	15.215	15.368	
9	531043	530515	532872	530681	531210	531062	530543	532508	535697	535868	535374	538838						
	540606	540181	542585	539763	539743	538182	538182	539025	538560	538181	539011	538167	536183	27.913	14.831	15.257	15.359	
10	537601	536330	532764	534962	536459	537008	536982	537189	537591	535218	539387	542758						
	542915	543463	545045	542107	540849	541579	540028	539161	538735	538084	538617	539524	538932	27.920	14.836	15.222	15.367	
11	539097	536952	536139	536962	537561	540907	540722	542876	545484	544388	544446	543674						
	546492	544620	543624	543277	544722	542415	542978	540960	539575	538206	540620	544734	541726	27.920	14.821	15.212	15.392	
12	546316	546123	545235	543213	544515	542723	540479	539904	540977	540807	541713	542761						
	543388	544616	546080	544913	543332	545488	545432	544904	545818	544318	542878	543725	543736	27.940	14.847	15.202	15.344	
13	543220	538461	538089	539678	539455	540096	541259	540749	542239	541792	542535	541389						
	543323	542151	544472	540805	541712	541908	544622	545082	542906	541872	538710	538333	541452	27.946	14.837	15.233	15.357	
14	536186	539593	539705	539779	541590	539907	542980	541714	542404	545191	543497	544998						
	546506	547135	544963	544446	545117	545162	542930	541954	539517	534221	533851	531948	541471	27.909	14.838	15.238	15.361	
15	528039	530136	531452	531422	530849	527760	529461	534174	534846	535472	534499	531272						
	529888	529415	528342	529408	529916	530532	529534	528257	530317	529526	530463	531546	530689	27.914	14.836	15.225	15.356	
16	530333	530211	531920	532193	532227	529590	531526	530475	530684	531906	530235	531805						
	531916	532705	528442	530585	529826	529036	528889	531608	530785	531892	532410	530551	530923	27.926	14.845	15.223	15.364	
17	527450	530315	528385	530700	530174	534905	535485	536047	533923	538807	537905	540916						
	539131	539077	536670	535702	535276	534229	530831	530556	529594	532407	529446	532280	533759	27.901	14.831	15.234	15.360	
18	533273	533338	533686	533054	534222	536224	536145	536103	536690	540105	537462	537188						
	539611	536577	539255	540202	536048	533028	533200	533948	534634	534042	531763	532810	535525	27.934	14.848	15.221	15.338	
19	531505	534160	533691	530878	532084	531448	530706	533243	530007	530359	533546	537115						
	538904	537663	538611	537251	537856	535902	533623	533349	532163	530706	531146	529828	533573	27.892	14.848	15.244	15.356	
20	527786	530010	526446	523579	525088	525900	526192	527787	527082	528146	530177							
	528329	526164	525742	527542	528569	529120	527753	526027	527619	527425	526538	526681	527391	27.916	14.821	15.240	15.344	
21	525909	523792	522218	524483	526081	527021	527243	529562	530502	528182	532889	531028						
	529823	529061	528207	527178	528970	529073	525510	521936	520787	522688	520743	522728	526484	27.958	14.828	15.210	15.369	
22	521409	522449	521215	520252	521142	522674	525303	526433	528903	530274	530331	533233						
	531844	532213	533452	533400	533105	530896	528647	526905	528037	526810	527320	525059	527554	27.940	14.845	15.224	15.369	
23	524928	526905	526947	525040	527969	525403	527682	528670	527669	526157	527295	529842						
	530736	528994	529311	530327	530354	529370	527435	525010	524693	525090	523793	525916	527314	27.926	14.842	15.229	15.349	
24	526510	527415	525973	527639	524856	524917	526633	530262	531526	532027	535311	531617						
	534681	531998	534827	532929	531521	532156	530308	529316	527592	526385	527086	524765	529510	27.904	14.813	15.265	15.383	
25	524612	528044	526896	529858	529079	531213	532033	533597	536224	535850	537460	538036						
	538703	537838	539923	537867	535013	535655	532856	531702	530130	526628	530815	530296	532930	27.920	14.827	15.221	15.368	
26	528666	531185	531727	530838	535650	535835	536125	535794	538056	539756	540348	541999						
	542247	542455	539931	542571	538456	533739	529684	530822	531330	528943	531754	530766	535361	27.947	14.840	15.217	15.363	
27	527859	533516	531708	532911	534244	534270	534022	534159	531611	533883	533632	534335						
	533651	534937	533697	533636	533465	531270	527836	529063	527849	527306	527637	528716	531884	27.901	14.842	15.225	15.355	
28	528898	528499	526917	527073	530629	528196	527814	529117	527033	528276	528654	530052						
	532385	531389	532461	534419	534699	535556	535985	534378	534992	536362	536384	532826	531375	27.924	14.849	15.234	15.365	
29	534853	535669	537141	535771	537041	536199	536228	536235	537912	535238	536206	536879						
	537579	537278	537540	538821	536323	537801	536133	536114	537762	536795	536047	534375	536581	27.897	14.853	15.225	15.379	
30	533366	533425	533111	533735	534637	534184	538279	538396	540948	540923	539659	542000						
	541175	540960	541499	538843	539977	538953	537427	535833	535793	536060	537082	536012	537595	27.917	14.853	15.200	15.374	
31	535554	535089	533491	537578	538508	538687	538943	538581	538469	540806	540546	544119						
	544425	543833	542609	542651	540138	540997	543387	541713	540051	538841	537476	537677	539757	27.932	14.822	15.223	15.357	
MONTHLY	534235	534696	534243	534369	535024	535284	535794	536788	537214	537966	538372	539038						
AVG	539466	538881	538879	538401	538057	537045	535984	535487	535106	534460	534616	534514	536413	27.924	14.837	15.225	15.362	

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

Pressure corrected data - August 2012

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	536516	537091	536473	537065	536028	535050	536674	535995	536750	538922	539968	538297					
	541741	542910	540656	542517	542312	538572	540853	539764	536385	535964	535272	534845	538193	27.919	14.831	15.237	15.357
2	534020	531232	532081	535716	533868	535993	536125	537027	537564	537700	538674	534365					
	537521	539050	539634	541017	536690	537156	536456	537518	535230	535858	534895	535675	536294	27.929	14.831	15.256	15.357
3	536364	536512	535634	534976	534778	535483	534785	536764	536848	538284	538222	539558					
	540480	539389	537407	536989	535699	538659	536543	535857	537863	534384	539434	537302	537009	27.873	14.840	15.258	15.359
4	537832	534884	537542	536869	535678	538336	535986	537469	537744	538238	538347	539127					
	538286	537328	537519	540263	539483	538402	535924	534971	535656	537060	534184	533743	537120	27.952	14.854	15.221	15.350
5	537646	535555	537751	535580	534852	533896	534608	535604	535576	536513	534200	535538					
	536786	538486	538015	536954	537221	537201	539510	538630	538874	538964	537524	535803	536720	27.971	14.836	15.231	15.325
6	538019	539518	538479	536541	537630	536042	537335	536210	538255	537857	536701	534957					
	537970	536361	537632	540045	539538	539380	539100	538289	538582	540330	539987	537337	538004	27.967	14.850	15.198	15.341
7	537157	538057	536247	538738	537247	539369	539176	537545	538723	539212	538149	538833					
	535787	538503	536339	538802	538179	539725	540166	538858	538126	538002	539637	538345	538288	27.895	14.846	15.236	15.340
8	541058	537395	539544	539826	539208	539351	538983	541134	538700	541197	540460	540421					
	539140	540343	540319	539329	538830	539171	541267	538898	538478	539340	541821	540849	539794	27.923	14.852	15.240	15.345
9	539724	538986	537678	540034	539990	541223	538810	539282	541700	542880	540461	539213					
	543394	539613	541400	543010	542565	541182	539975	537568	538655	541632	539971	540605	540398	27.927	14.833	15.223	15.378
10	540992	541116	541231	543525	539681	538343	537217	539506	540036	540754	541591	539464					
	538181	540213	540925	540943	539185	540051	540129	537411	540600	542887	538939	539804	540114	27.924	14.866	15.213	15.360
11	540557	538991	537800	538137	538458	538991	538534	536438	538856	539608	539542	540853					
	539877	539728	541727	541150	540813	540406	539973	542542	541188	540627	540567	538020	539724	27.896	14.828	15.223	15.381
12	538753	537570	537571	540671	540961	541156	540891	537935	541819	542456	543473	544681					
	542970	542756	542067	543616	540579	538057	539947	543176	538996	540564	539685	537575	540747	27.918	14.835	15.228	15.384
13	537973	537343	538611	537499	537551	538251	539396	539073	541188	541572	540210	541800					
	540769	540766	537983	537517	538096	537231	535009	532846	533941	532267	533249	533629	537657	27.955	14.805	15.201	15.392
14	536380	534438	534644	533923	537231	535857	533206	536431	535550	536579	537420	537958					
	539332	538142	540266	539404	540826	539323	537195	537716	535058	536170	538201	535319	536940	27.914	14.830	15.209	15.390
15	538552	538907	535960	536517	535500	535797	537044	538425	536188	537082	539247	538941					
	539566	538095	539142	537977	541842	540960	539823	537496	539892	538153	539757	540710	538399	27.935	14.835	15.204	15.363
16	539195	538693	541664	538894	538219	538252	539366	539785	541006	541319	539981	539484					
	538947	538758	540835	541348	539266	541404	543739	540804	540373	541191	541125	544325	540332	27.933	14.836	15.248	15.351
17	543183	541249	542480	542017	541774	539313	540640	537191	540545	540939	539789	540869					
	540199	541068	540003	539794	541249	540176	540450	542239	540849	542480	541805	542002	540929	27.909	14.861	15.236	15.358
18	543763	542222	541574	543111	541372	541667	543261	542529	544003	543995	541630	545974					
	543241	545622	543159	542081	543684	541102	543762	542784	540704	541160	538836	538956	542508	27.937	14.843	15.230	15.354
19	538161	536114	539657	538375	539740	540359	543139	541849	541902	543544	545168	544257					
	545420	544994	539813	542643	542536	538983	537707	538135	540011	537773	539309	534717	540596	27.897	14.842	15.248	15.370
20	535694	538948	543200	542669	543021	542212	540205	537270	540361	538740	539868	540360					
	540807	543093	542716	539177	538208	540313	541127	541018	539582	543114	542333	540195	540593	27.949	14.851	15.242	15.340
21	541363	540847	539290	538448	540245	536810	540099	539134	537857	540359	541535	542055					
	540744	539109	538806	541700	539707	541211	540953	538315	539565	540450	538546	539641	539866	27.901	14.841	15.243	15.352
22	536337	538722	537448	538389	540139	538276	539933	541085	540618	541029	542529	541722					
	542229	543205	542228	542271	542226	539394	538109	540046	539788	534953	537171	534514	539682	27.902	14.830	15.244	15.367
23	537438	537135	537011	540062	540187	542816	542120	545718	544986	546276	547023	548811					
	547674	547139	546889	547120	544779	544373	542890	541814	541116	541423	539068	538004	542995	27.933	14.863	15.203	15.362
24	541855	539062	541038	541606	543240	541124	543726	541173	544126	543149	541753	542977					
	541927	542201	542163	544896	541440	540666	541264	540607	542572	538476	539330	541104	541728	27.910	14.853	15.218	15.359
25	541115	539067	539254	539002	540196	538434	541620	541013	543177	540837	541274	544182					
	544135	544041	541535	543317	542176	543544	545552	541021	544197	545802	544202	541489	542091	27.908	14.862	15.199	15.360
26	542212	540937	541489	542217	543244	541311	542842	542227	541999	542100	541922	540604					
	543972	542921	546056	541662	543886	543653	542080	540634	541043	539879	543628	542999	542313	27.956	14.858	15.207	15.336
27	541989	541123	543095	541166	542964	541907	541312	541919	543894	541964	543618	543362					
	547106	545065	543890	542390	540324	542235	544859	543447	544714	546188	544503	543449	543187	27.950	14.831	15.221	15.369
28	539890	546119	543312	543633	544400	541383	544317	543663	546007	544453	544449	544346					
	542325	545137	543968	544782	542397	546278	545410	545494	543826	546196	543241	543935	544123	27.928	14.858	15.224	15.363
29	542922	545570	543807	544270	544224	542317	544744	544434	543218	543826	543623	542694					
	545377	546495	545712	543653	547172	546385	546252	546790	545074	544361	545649	545986	544773	27.946	14.842	15.211	15.377
30	547851	545472	545045	545333	543236	544394	543169	543796	546476	545037	545618	545117					
	544783	545383	546442	546765	547637	546727	548455	546972	549339	546492	547230	546358	545964	27.891	14.850	15.206	15.373
31	543494	546693	545794	545007	547263	548325	548050	549794	546296	546905	545924	546029					
	548120	546680	549694	549137	549931	547945	549032	549783	551382	551659	549246	547013	547883	27.934	14.822	15.245	15.339
MONTHLY	539613	539212	539432	539671	539746	539421	539913	539917	540709	541075	541044	541189					
AVG	541574	541697	541450	541686	541241	540963	541081	540369	540376	540445	540269	539492	540483	27.925	14.842	15.226	15.360

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure corrected data - September 2012

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	548595	549019	549706	550094	551335	551336	553095	553678	551357	552847	549353	547830						
	547501	548667	549157	548414	547517	548263	546759	545305	544886	546732	546701	549185	549056	27.906	14.859	15.199	15.373	
2	549627	549696	549141	551311	549976	551825	551892	550573	550646	550354	551796	548067						
	543613	548777	547964	546872	548046	548967	553696	551059	553320	546805	548290	550336	549694	27.899	14.857	15.197	15.368	
3	549875	548963	550181	548734	549526	549593	548751	551961	552243	549570	550259	549722						
	549139	548853	551975	550157	548013	545763	544173	545144	542745	543802	545868	544548	548315	27.936	14.828	15.234	15.351	
4	540810	541238	542905	544001	543148	541267	545034	543018	542872	544174	541998	541268						
	540403	541902	541704	538146	539603	538916	537862	540594	539680	540430	539208	538426	541192	27.975	14.822	15.193	15.345	
5	538121	537702	531575	533073	533881	532966	532743	532344	531578	529243	524859	527271						
	531055	534213	532714	535177	535670	533458	534318	532114	531544	531645	530450	529715	532393	27.929	14.842	15.210	15.368	
6	531693	529934	532535	537291	535296	534485	534446	534191	535577	534613	533803	535989						
	535463	537214	534654	535214	535200	536778	536838	536023	538015	539389	536914	535257	535284	27.952	14.840	15.198	15.356	
7	535193	535696	537064	538869	540165	538519	540422	536873	540075	539396	541086	541827						
	541889	540608	542477	542857	542881	544742	541086	542848	543582	539862	543830	539165	540459	27.928	14.869	15.199	15.338	
8	542945	543987	544104	544695	546043	546055	541898	544555	545693	544155	544481	544651						
	546075	546744	547528	545719	543770	543510	541978	543492	542059	544467	540581	543479	544278	27.905	14.833	15.231	15.374	
9	543864	543567	548045	542068	545786	542404	545906	545730	546562	544891	546084	547204						
	545315	545998	547203	545864	544804	542338	543747	543206	543409	542859	543785	543863	544771	27.921	14.830	15.223	15.364	
10	546429	545955	545184	546468	546071	547128	546767	548042	546774	547004	543944	545474						
	545593	546257	543338	546593	543870	542360	543741	544103	544803	545230	545787	545393	545513	27.931	14.832	15.249	15.368	
11	546632	548257	547299	545640	545059	546125	546628	545885	547849	546225	547695	547139						
	544936	546421	545820	548113	547268	548211	547854	545943	546876	547186	546012	545875	546706	27.930	14.817	15.223	15.351	
12	547521	547525	545165	546573	547670	546812	546671	546763	549627	547305	546684	547406						
	543993	547321	546328	548655	548624	546790	546128	546722	544127	546910	543583	543880	546616	27.949	14.811	15.204	15.358	
13	545045	543150	543164	545368	543473	543102	546231	544378	545975	544741	547907	545818						
	543985	545781	544529	546278	546611	546703	546974	545075	546816	548054	547027	546133	545513	27.940	14.843	15.224	15.359	
14	542509	543159	541606	545999	544287	542576	543457	544003	543922	543785	546440	544946						
	544424	543564	546154	547435	546053	547121	545834	544657	543905	544161	541534	542724	544344	27.906	14.838	15.230	15.361	
15	542596	540841	540029	542257	542558	544299	546375	543656	546786	544519	546724	544509						
	546143	546428	545150	546556	545369	546342	543960	545864	543886	541897	543229	540736	544196	27.908	14.833	15.199	15.392	
16	542045	542980	542160	542224	545093	544333	544641	547577	547486	549588	550437	548972						
	548792	550371	549360	549076	546217	544977	544534	544002	543973	542416	543852	545031	545839	27.921	14.821	15.233	15.384	
17	545568	544968	545454	544911	543723	543275	544688	546237	544835	548365	547905	548451						
	548858	550213	548390	548239	548393	546125	546074	546273	546797	545134	545023	546709	546442	27.958	14.852	15.219	15.342	
18	546829	547260	545503	548461	545419	549160	546193	549366	547571	547008	549554	548891						
	550889	550350	549349	548143	547815	546602	546450	544032	545368	544523	544180	543749	547194	27.921	14.837	15.215	15.348	
19	543769	544002	543297	545233	546933	545364	545123	544788	544938	543663	545924	545963						
	547051	545615	545825	547099	545661	546375	544627	543028	544552	546454	543685	543843	545117	27.903	14.837	15.256	15.360	
20	545337	544386	544819	545763	543117	546700	546111	545713	545428	545253	546913	547390						
	546675	546239	547287	545903	546213	546485	545481	546468	547450	549799	547298	548900	546297	27.920	14.815	15.225	15.369	
21	546231	546560	546728	546322	545342	545247	543949	545117	543496	544352	547102	545979						
	546870	547266	545991	546107	546776	546763	545482	545630	543618	546968	545734	544830	545769	27.941	14.840	15.246	15.380	
22	540872	542539	545505	542528	544328	544614	545550	544743	546219	547236	548012	546600						
	546856	548675	549503	548085	546419	546893	548399	548203	548955	545023	544464	546127	546098	27.935	14.851	15.217	15.359	
23	547431	545721	545256	545100	547123	546625	546523	545133	548312	547496	548225	549596						
	547329	549571	550072	548825	548848	547811	549799	549002	549202	548567	547813	549686	547878	27.916	14.829	15.232	15.353	
24	547140	546845	548292	548136	549399	548677	548053	549153	548570	545939	550292	546715						
	547435	551922	547546	549665	547561	548298	546126	547733	548424	545909	546955	546699	547979	27.929	14.848	15.211	15.366	
25	546861	545718	546886	548688	548593	548773	548366	545455	550553	548761	549336	549732						
	550277	553887	552294	549286	550768	549589	547316	550696	549350	549284	546819	546269	548898	27.917	14.848	15.228	15.360	
26	547133	545161	547054	547100	546546	546405	545007	544952	546837	547761	545333	548167						
	546062	547136	547031	548842	547048	547990	546535	548292	547148	545416	544229	546966	546673	27.913	14.851	15.211	15.364	
27	546491	545465	544261	545327	545035	543017	543725	544160	542586	544205	545974	545193						
	547293	545137	546829	548143	547460	544468	547515	549578	546542	548534	546987	547321	545885	27.943	14.830	15.235	15.359	
28	547565	547016	544164	544421	543873	544477	543123	544154	543734	545251	542649	543849						
	546557	545321	548703	548208	550478	550224	550809	551251	549867	547556	548185	546500	546581	27.912	14.835	15.213	15.379	
29	546803	546308	546420	548352	547487	548430	548037	549233	546586	545673	545877	546410						
	545272	545711	548315	545987	548132	549582	546484	547558	549776	549402	552635	551155	547734	27.900	14.858	15.206	15.352	
30	548702	547711	548956	550600	548895	548475	549380	546763	546644	545399	546947	543375						
	544495	544084	545118	546004	547207	547589	544815	545708	547433	546367	549282	550353	547096	27.926	14.834	15.246	15.334	
MONTHLY	544674	544378	544415	545187	545173	545069	545293	545273	545711	545292	545786	545480						
AVG	545341	546342	546277	546322	545943	545668	545180	545320	545270	545026	544665	544762	545327	27.926	14.838	15.220	15.361	

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

Pressure corrected data - October 2012

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	550796	548851	549609	544931	544911	547526	548088	549686	548753	548293	550572	549065						
	546198	546278	544977	544027	543670	541431	541437	540233	540064	537817	539908	540139	545303	27.957	14.833	15.233	15.341	
2	540418	540926	544291	545291	544286	544844	544217	545030	544525	543644	542884	543245						
	542334	542631	543861	541395	540758	539272	542230	540957	540387	543399	542146	544458	542810	27.910	14.869	15.240	15.371	
3	547758	545472	545359	545493	545048	547346	544221	545663	544839	547711	548334	545369						
	545741	544231	544845	543878	542730	544405	544934	546160	545105	545573	548044	548180	545685	27.939	14.791	15.245	15.355	
4	547240	547912	548387	548679	549624	545945	547051	544366	546611	544080	545613	546680						
	545548	548148	547875	548109	549569	547291	548114	548675	548324	546231	547708	546663	547269	27.947	14.812	15.243	15.357	
5	547319	546753	549330	550089	545045	546499	547939	545505	547330	546373	550045	547015						
	549908	548241	550345	547757	550222	548529	549786	550174	551236	549199	550658	545759	548377	27.912	14.813	15.222	15.416	
6	547350	549519	548503	548020	549917	550007	547953	548260	549573	548287	551310	553037						
	551240	550853	551062	550169	552134	548736	550366	545107	547681	546732	544997	546941	549073	27.916	14.840	15.194	15.388	
7	545548	546730	546723	546271	550662	548124	546554	547370	548864	546765	547005	544473						
	545475	545139	544223	541258	540735	542068	539548	541052	543992	545057	545487	544403	545147	27.933	14.823	15.225	15.359	
8	544602	544349	544098	543597	545025	543007	542069	541435	542400	545178	550292	552224						
	553970	553367	553591	552825	551569	548950	546718	548816	547217	547964	545705	544695	547236	27.894	14.834	15.239	15.342	
9	540880	544917	544965	545010	543509	543490	545824	547883	548148	548254	547903	548081						
	547631	547037	547491	547241	547182	547022	546492	542579	540297	539690	541199	539279	545084	27.919	14.839	15.224	15.354	
10	541283	537989	534696	533828	538109	537172	538534	540677	541316	541118	541101	544034						
	543094	543842	544301	539865	540256	540568	540498	541475	541244	541134	541259	537888	540220	27.935	14.838	15.203	15.369	
11	537996	537626	538490	540510	541391	542967	543616	545043	544946	546208	549238	549567						
	547881	545610	545293	544786	543950	544297	544836	542305	540518	538480	537559	532686	542742	27.947	14.835	15.214	15.351	
12	532212	534876	536877	538319	540786	543198	538811	540669	541024	540320	539861	542256						
	543812	542943	539351	540967	538115	534573	536045	533286	535157	532473	533934	535289	538131	27.896	14.854	15.239	15.352	
13	532180	533306	535058	534480	535859	538717	541165	539678	542063	542339	542860	544050						
	543084	539372	538734	540633	541855	543447	542691	542902	540663	540139	537168	539259	539654	27.923	14.825	15.218	15.367	
14	538746	537098	539222	540341	541144	540352	541806	541513	542478	540712	542760	543203						
	542563	539937	541832	540975	541407	543502	542700	542568	543335	538655	539206	536654	540946	27.890	14.816	15.228	15.377	
15	542534	540443	538270	540574	538986	540382	542453	541015	542615	543506	544188	541164						
	541908	542799	544323	541756	543682	542658	541238	539448	541196	539281	539083	540881	541433	27.897	14.846	15.218	15.374	
16	541210	539758	540466	540399	542172	541766	542501	540412	543057	542654	542786	543309						
	543307	542971	542897	544634	542003	544679	542647	542370	541443	540647	539666	542597	542098	27.897	14.838	15.254	15.343	
17	540473	539793	542541	543230	544921	541944	542997	546001	545483	543863	545934	543666						
	543422	545998	546720	546060	544721	547507	544443	542311	541527	542772	542531	544392	543885	27.928	14.842	15.207	15.349	
18	542805	541468	543664	543253	543285	542928	544340	545041	545314	542972	546156	545221						
	545414	544719	545295	542962	547374	542903	542635	543868	540614	543332	541598	543658	543784	27.919	14.855	15.195	15.371	
19	543519	542995	544780	541502	543557	543217	545661	545267	543012	546665	542837	544868						
	545746	545705	545960	543585	541898	544746	545178	543747	543533	542748	544777	542075	544066	27.914	14.838	15.204	15.379	
20	546034	543122	544523	545521	543726	543528	544348	546044	545243	545343	546914	542483						
	544595	545406	546098	546195	545300	544942	545140	545175	542306	544469	542750	546645	544827	27.957	14.849	15.212	15.361	
21	544980	546793	546387	545188	543123	546237	544281	544039	544143	546823	544949	548413						
	543970	545397	544470	546691	544432	546747	546231	547117	546951	544195	547517	546995	545670	27.934	14.846	15.209	15.375	
22	546948	545953	547242	546257	545530	544595	547554	547632	545447	546070	547202	548110						
	545550	547939	545799	548264	548276	550380	549802	549191	546155	548613	551618	550806	547539	27.925	14.851	15.225	15.361	
23	549650	549178	549699	549064	549621	546178	547319	548294	548230	549662	549505	549972						
	548691	550067	550480	548724	552393	548327	548650	548616	549451	548830	549229	548803	549110	27.908	14.837	15.222	15.367	
24	548094	548358	547202	547035	547373	550094	549576	550663	550575	550910	551017	550820						
	551209	551746	552620	550630	551757	549675	550460	551868	550386	548795	549642	548865	549974	27.913	14.843	15.205	15.374	
25	549247	548187	551171	551519	550527	551322	553018	550957	554620	552116	550025	551215						
	551135	551659	551665	552397	552985	551637	552383	552014	548651	547140	550904	550674	551132	27.918	14.856	15.230	15.357	
26	548788	549963	548582	548597	546876	548679	548808	551570	552024	549504	548886	550231						
	552415	552315	552257	551813	551236	550519	547380	548141	546882	547418	549748	547442	549586	27.934	14.826	15.225	15.366	
27	549332	547729	545374	546524	548760	548512	550466	549362	551340	550009	550221	549471						
	550947	550422	551316	549540	549620	550684	547864	550100	549946	550209	549552	548660	549415	27.897	14.825	15.239	15.366	
28	548753	547417	549335	550366	551150	549737	549943	549377	550753	550361	551541	549950						
	551123	552039	552019	553866	552784	553584	550540	553707	551190	550756	552053	551844	551008	27.931	14.828	15.233	15.391	
29	548748	550034	550039	551454	549105	550836	551578	550264	549597	551481	550385	550290						
	551070	550198	550672	548375	551654	553215	549527	550884	548689	548553	550512	549995	550298	27.932	14.829	15.241	15.360	
30	549373	549804	552056	551962	549541	549862	548855	549790	548673	549995	552211	547675						
	548914	549518	548397	548430	549589	548950	549959	550113	549576	549502	550450	548816	549667	27.912	14.840	15.226	15.373	
31	549821	547900	549442	549399	549585	548684	551563	548219	546705	544282	546037	547588						
	548270	547124	547945	547782	544784	544850	545747	544469	540938	547210	541827	545348	546897	27.927	14.824	15.236	15.393	
MONTHLY	544666	544362	545044	545055	545263	545410	545907	546023	546442	546306	547115	546992						
AVG	546973	546892	546991	546309	546408	546132	545685	545465	544666	544420	544788	544542	545744	27.921	14.835	15.224	15.366	

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure corrected data - November 2012

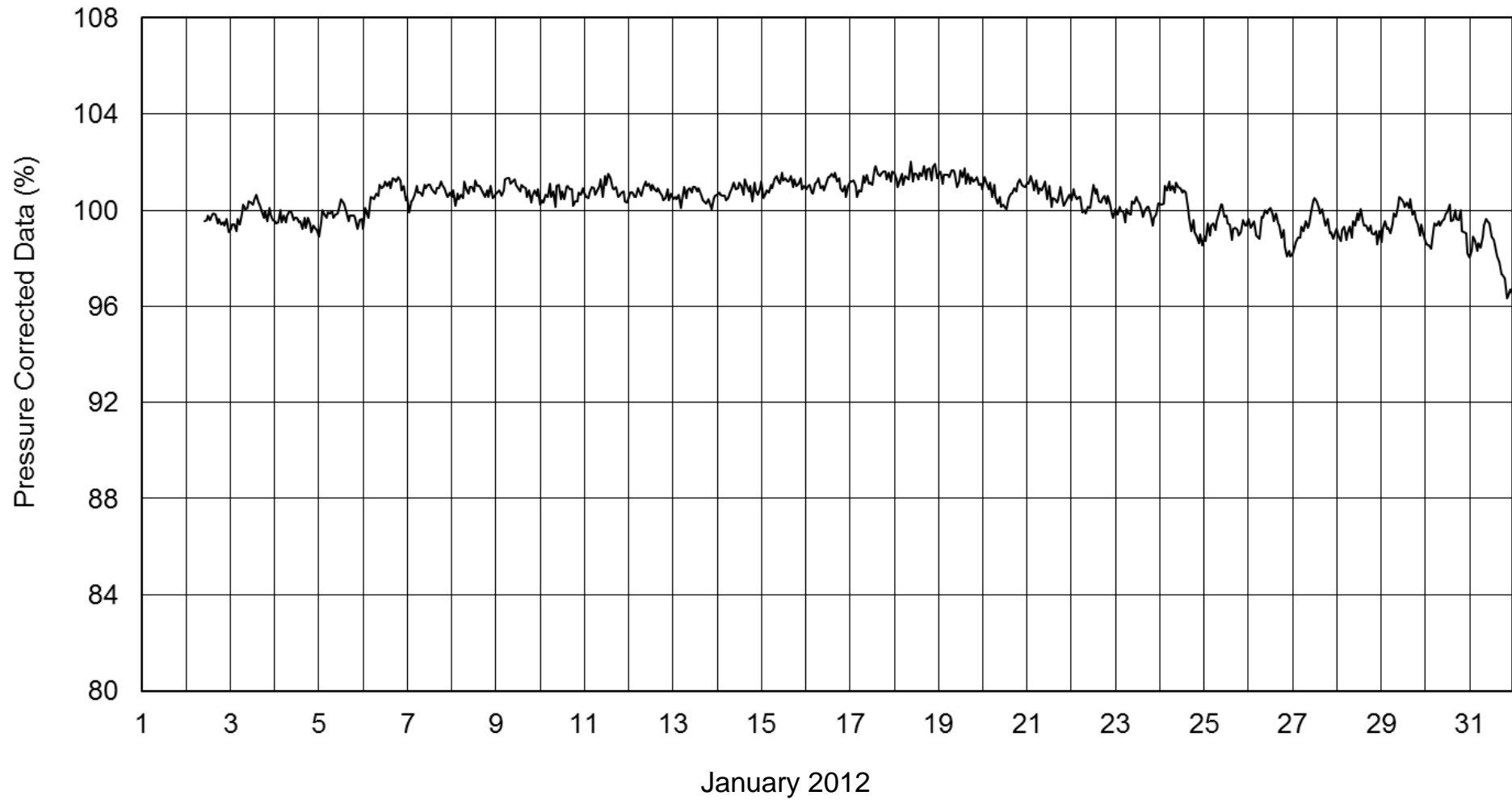
UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG	R1	R2	R3	R4
1	546407	543109	543784	546044	545817	545333	546416	548593	546987	546436	546203	548645					
	547312	547620	545673	545620	544955	544726	545387	547929	547584	549916	547497	548780	546532	27.940	14.813	15.201	15.376
2	546444	548092	546485	546975	545068	548040	547681	548859	547206	548011	548497	545933					
	547033	544856	548116	546418	544394	546185	545799	543242	545467	543255	544636	543671	546265	27.905	14.819	15.216	15.384
3	544227	545932	547127	544556	549219	545091	545473	545918	546618	545497	546978	548024					
	547732	547045	547965	547973	546124	548494	542607	545183	544684	543525	544262	542602	545952	27.921	14.821	15.241	15.348
4	543179	544618	544017	546147	545854	546751	545780	547239	543884	544852	546552	544776					
	545965	547970	546946	547734	545574	545965	545706	547001	545234	544175	543924	541666	545480	27.920	14.820	15.229	15.369
5	543146	543365	545068	545625	545518	543575	542898	546012	543167	545191	543902	545483					
	546576	546812	549776	548633	547978	548183	545931	545864	547458	546740	545898	544281	545712	27.923	14.841	15.228	15.339
6	545206	543602	545992	542345	544208	546542	543930	543390	546629	547513	547241	549180					
	545249	548820	548931	549501	549377	547049	546675	544973	545962	546585	545492	547179	546316	27.938	14.838	15.213	15.343
7	545285	545830	546524	543298	546471	545163	546337	544657	548642	546273	546381	548108					
	548670	550791	549472	550424	548945	548584	547760	549952	547446	549194	547668	546735	547442	27.928	14.845	15.203	15.373
8	548599	547118	548432	547634	546794	546032	546454	546654	546655	547312	547056	552248					
	547150	551973	548766	550245	547936	547536	546849	546944	549064	548465	548787	548242	548039	27.976	14.836	15.215	15.345
9	546178	548332	546481	548483	546421	547504	547178	548155	548806	548449	549464	550478					
	551879	549752	549972	550722	551043	550796	549790	551826	551337	549683	550325	549998	549294	27.901	14.825	15.204	15.392
10	548829	549309	548078	550201	547010	548717	550091	550065	550673	548764	550247	551381					
	550493	551308	550888	551594	549382	552395	551201	550122	550482	552038	550474	549256	550125	27.909	14.846	15.248	15.358
11	550967	550305	546267	547814	548989	546375	547777	548214	550788	548541	550186	551308					
	551701	551738	552126	551899	550517	550152	549065	550671	547963	547217	548991	548227	549492	27.911	14.834	15.210	15.372
12	548215	548467	545783	547319	548758	549803	553973	550189	554573	552403	552624	552710					
	553916	553209	551961	549911	549180	550039	550097	550730	549840	553805	554584	551773	550994	27.965	14.835	15.210	15.355
13	554004	550150	552911	548133	550866	552167	553168	554616	550452	552127	551349	548415					
	544510	539195	538261	539247	538818	538492	536960	539979	542147	541436	544417	543155	546041	27.925	14.817	15.226	15.350
14	538750	537762	541611	547794	547590	548708	549466	547251	552408	553410	551365	549871					
	551421	552481	545144	547864	545592	543561	543098	543493	540809	540776	540292	542567	545962	27.932	14.836	15.232	15.358
15	539714	542554	543618	543041	541646	542903	544580	544245	544308	546425	546560	544630					
	547749	546521	546088	544523	546021	545874	545662	544631	545076	544907	547360	546420	544794	27.935	14.842	15.219	15.374
16	543340	544881	543712	544820	544334	544299	546834	545985	547321	545569	546443	548163					
	548090	549672	548716	549471	546526	546506	547239	547690	546154	546044	546699	549307	546576	27.953	14.840	15.221	15.368
17	547417	547826	546468	549157	548369	547662	546353	549506	548277	552011	549480	548134					
	548809	552036	548901	547221	547465	548186	547099	547427	547045	547936	549070	546974	548285	27.953	14.806	15.242	15.362
18	545226	546581	548098	549036	547559	548914	548271	547952	549212	550152	552254	550408					
	550870	550341	550283	551621	552764	549688	549260	548024	547875	548420	547980	547005	549075	27.937	14.827	15.248	15.355
19	546557	546250	547832	545264	545623	545135	545495	548726	548817	547675	548199	548814					
	551386	549671	551178	547561	546543	548190	547247	546808	547995	544836	547632	544469	547413	27.918	14.822	15.222	15.365
20	545180	547527	546585	548281	549787	549977	547846	550196	551805	548642	548662	548627					
	546721	548185	550279	547708	548052	549501	547602	549904	548522	547518	548885	545319	548401	27.939	14.844	15.220	15.359
21	546411	548500	549618	548628	545677	543334	544473	543377	548215	548143	545852	547838					
	549307	546155	547557	545369	547959	545872	547386	547873	547481	545579	546064	547115	546824	27.925	14.818	15.217	15.385
22	545790	542032	546114	544456	545455	545248	546395	545847	545953	545927	545640	546851					
	546500	546364	545284	547819	546799	548479	547348	546160	546408	546727	545308	547291	546091	27.945	14.823	15.217	15.378
23	546059	545716	547907	543162	542035	543998	546987	548187	548300	547579	546915	546507					
	546708	546782	544172	545898	545559	546697	544823	548654	548541	547397	549825	550657	546628	27.941	14.801	15.199	15.384
24	549594	549998	550445	543174	538926	539529	544196	544447	547445	545146	544540	543524					
	541819	537967	538772	539856	540733	536144	536181	533271	535549	533783	534741	534975	541031	27.960	14.838	15.197	15.374
25	533733	534645	534419	535796	536918	532818	534388	534030	533360	534767	537060	535007					
	533203	534633	534597	535623	536767	536098	535906	534175	536193	535793	537479	537452	535203	27.946	14.826	15.210	15.334
26	540037	540035	537233	537055	537086	535846	536389	535929	538341	538499	536418	538759					
	540285	539892	541591	539019	537186	539625	538590	537775	538170	535181	535130	535502	537899	27.904	14.824	15.259	15.350
27	535864	538696	538890	540468	539599	537789	538742	537877	538245	537481	538312	537388					
	536782	537484	539191	539923	538420	536308	539786	539608	539709	541046	541526	541976	538796	27.941	14.844	15.194	15.365
28	542522	540066	541481	540865	541149	542236	541556	540776	540896	540817	542567	543721					
	540869	541807	539772	540438	541104	539926	539632	542641	540659	542742	542137	541379	541323	27.892	14.836	15.217	15.380
29	542337	542175	542477	541876	542198	541351	542147	541732	542412	542303	541839	541349					
	542235	540938	542644	540678	540790	541316	541685	542641	543902	543101	543073	544905	542171	27.885	14.832	15.231	15.360
30	545921	546431	543134	544632	542836	543272	541166	544957	543245	543096	542987	545188					
	545139	542756	543930	543251	542748	543413	544172	543916	543762	543821	544695	544825	543887	27.887	14.815	15.235	15.384
MONTHLY	544838	544997	545220	545069	544926	544804	545415	545786	546455	546300	546403	546716					
AVG	546536	546493	546232	546125	545508	545466	544885	545304	545284	545055	545495	545123	545601	27.929	14.829	15.221	15.365

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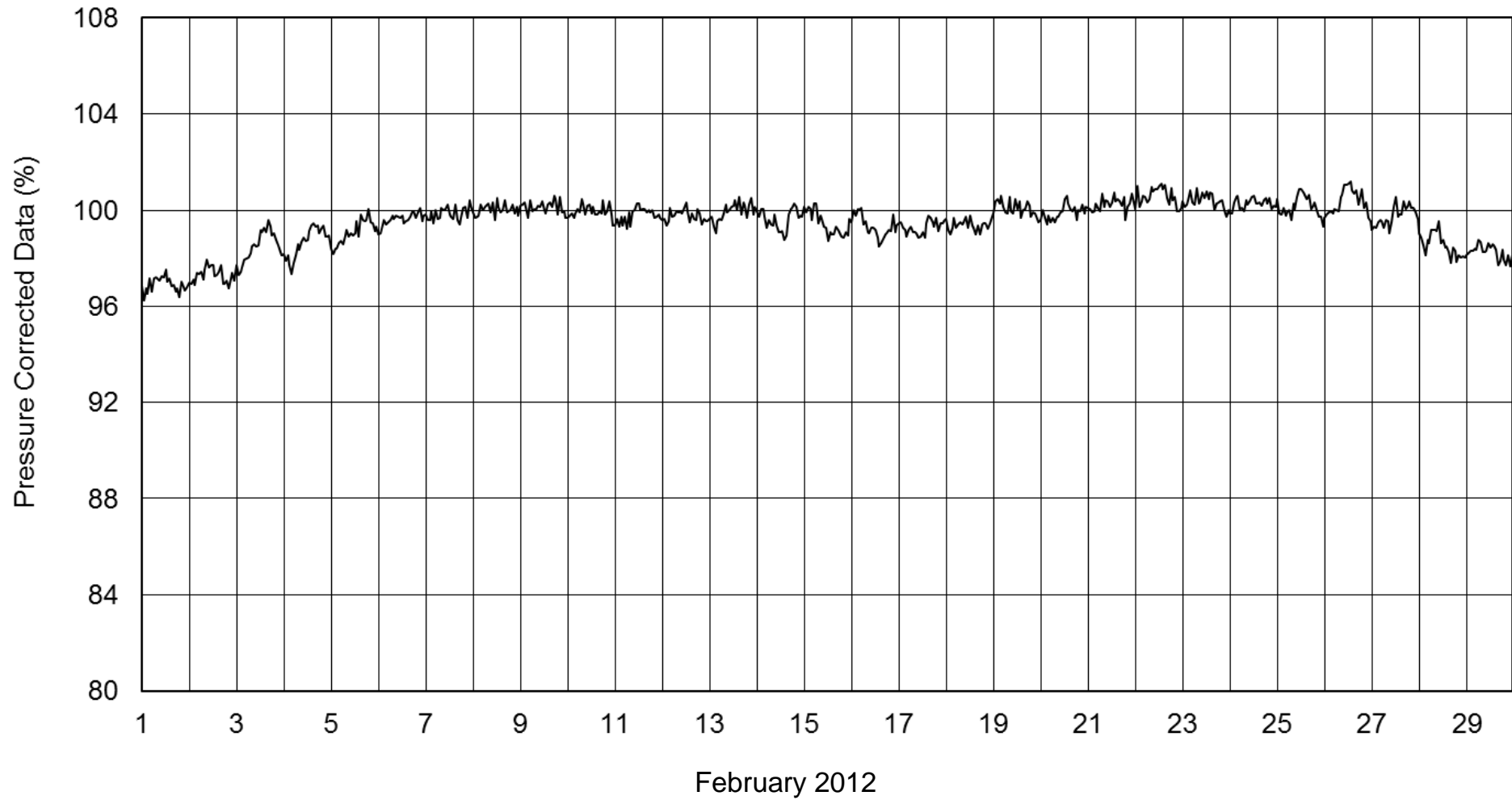
Pressure corrected data - December 2012

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	546176	545894	543421	542932	544032	542981	541229	545678	544482	542503	543761	545143					
	545307	542061	541187	542669	541628	544015	544154	543645	544439	544791	543142	543090	543682	27.934	14.837	15.238	15.327
2	540720	543721	543096	546101	542931	544376	544613	544705	542150	545620	545446	543854					
	546132	546162	544188	543145	543458	542773	540973	541146	540964	541275	540995	543181	543405	27.921	14.839	15.242	15.340
3	539902	541899	540908	541679	543301	543402	541313	545465	543540	544977	542997	544864					
	542396	543494	543128	542056	538712	540174	540625	539389	538199	537949	538621	538327	541555	27.921	14.858	15.210	15.364
4	538205	538236	541229	540566	538972	542558	542824	543431	542752	543025	544705	546633					
	544225	544669	542239	543089	542946	543426	542438	541420	541931	539557	540309	542069	542144	27.932	14.803	15.202	15.393
5	541956	542415	544158	542999	543955	545611	546469	545147	546372	546028	547902	549083					
	549895	548114	547630	547124	548799	547278	549783	546925	546752	547064	547415	547692	546524	27.950	14.846	15.221	15.372
6	547143	544992	544659	544985	546059	545469	548590	548049	550317	548448	548075	547579					
	553329	549692	553297	549730	548881	550747	550594	549432	548365	549879	547996	547612	548497	27.910	14.841	15.225	15.359
7	548115	548140	547783	549103	549177	546333	550407	549869	547305	549445	550282	548857					
	548161	548157	546502	548930	547317	548574	550278	548708	550897	551749	549220	549136	548852	27.943	14.825	15.232	15.344
8	546868	547319	547860	549311	547433	549232	549124	549759	549611	548584	550776	550204					
	553433	553433	552328	551883	551647	550104	550936	552934	552510	551828	551207	551358	550403	27.963	14.821	15.238	15.327
9	552181	551988	552156	550965	550954	550603	550817	549773	551150	551976	550674	551552					
	549980	551547	551143	552800	549883	550663	551588	551501	551404	552203	552785	548749	551210	27.921	14.836	15.208	15.369
10	549340	550097	550157	551172	549875	550863	549328	550383	552285	549675	550952	549395					
	549023	551094	548999	550105	549029	549339	548074	548159	546384	546766	550288	548890	549570	27.937	14.823	15.224	15.363
11	547081	550156	547842	547680	550713	548972	548068	551085	553073	553448	552520	550550					
	549732	549288	549722	549116	549736	549855	547643	549338	546933	548997	550175	548348	549586	27.924	14.854	15.218	15.383
12	547469	545770	546308	544750	545293	547259	547825	549583	549962	550916	550613	551067					
	552938	552990	549351	548981	548438	546984	547223	546728	549293	548169	545524	552078	548563	27.946	14.805	15.205	15.377
13	549762	550051	548335	548686	547172	548462	548704	551645	553444	552481	551199	552931					
	554723	552412	554727	551040	550290	550284	549957	549752	549895	549452	549612	547424	550518	27.940	14.832	15.217	15.360
14	548626	547883	547956	547341	549563	549735	545881	548170	548539	546592	547030	548298					
	547231	546236	545142	545739	546963	544879	546717	547446	548067	545380	546597	544168	547091	27.915	14.826	15.239	15.355
15	543246	542803	543091	542104	541910	544011	545226	543906	546660	543456	543122	545394					
	544871	542523	545861	545046	545968	545866	543285	543146	543133	546815	546979	545182	544317	27.941	14.837	15.215	15.347
16	547392	542993	541854	542586	542304	540384	541856	543213	543929	547747	547006	545921					
	549248	549020	547549	546123	547568	545071	546498	546353	544478	543707	544850	542637	545012	27.908	14.845	15.218	15.363
17	543989	540624	543496	543399	542858	541348	542302	541060	546280	547242	546840	547493					
	550168	549902	550548	548895	547728	548751	548308	545310	544606	545576	542807	541981	545480	27.883	14.839	15.238	15.377
18	542491	544638	543172	543916	544633	544574	546469	548330	547884	546469	551454	552723					
	551774	549395	549036	551638	546494	547558	546958	546352	546075	544696	544298	544931	546915	27.912	14.823	15.227	15.385
19	543660	544331	544386	547525	545060	545805	546059	544403	545157	545704	545125	548161					
	545751	544782	544270	543114	544230	544423	545321	545797	544652	543840	544298	544590	545019	27.927	14.809	15.256	15.371
20	545415	544048	546273	546007	545410	545135	545024	544053	544061	543237	545686	543455					
	545114	543853	545838	546837	545059	545948	544671	546919	543428	545391	544860	545070	545033	27.937	14.834	15.249	15.351
21	544510	542918	544613	544750	544415	543292	544932	543712	545981	544815	546048	543943					
	543431	545832	545745	546057	543289	542549	544953	542960	545538	543724	546993	546654	544652	27.940	14.827	15.216	15.353
22	546548	547922	547211	548031	548956	547591	546907	548941	549902	546580	547254	546230					
	546732	545885	543720	546860	543963	546883	544161	543926	543392	545071	544063	546945	546403	27.943	14.851	15.210	15.358
23	545452	546314	548142	546459	544467	547269	545964	544883	546287	547158	545441	546726					
	545063	547487	545596	547112	545482	545534	545108	544354	544163	544096	544645	548072	545887	27.919	14.839	15.199	15.345
24	545362	549514	547317	546525	549147	545361	547332	549005	548071	546782	547718	546067					
	550179	545684	548820	549006	548045	548766	546209	543301	546054	547687	548453	546087	547354	27.932	14.843	15.227	15.360
25	545272	545608	549038	548380	547003	546443	549388	548209	549935	548905	548831	548761					
	549609	550375	550135	547068	550770	547685	549795	546788	548115	548400	544946	544711	548090	27.929	14.850	15.229	15.338
26	545781	545451	546560	546417	547173	546029	549995	550434	549974	551601	549976	549139					
	549943	548642	549534	549223	548779	546390	548906	548185	546826	546772	544562	546617	548038	27.922	14.842	15.259	15.370
27	547267	545069	550156	549075	549292	548388	551812	548221	547284	546817	549548	548374					
	550116	550847	551308	550539	549934	550264	550258	548936	546051	548369	550029	550286	549093	27.912	14.795	15.245	15.372
28	545771	547287	547296	545745	547454	550360	548315	548973	549662	550254	551336	552974					
	549771	551659	550889	551588	551055	550832	547246	549955	549032	550406	551421	551763	549627	27.946	14.821	15.175	15.392
29	549924	551603	550335	553799	552881	549389	553707	553455	551621	554659	553964	554701					
	553877	554620	551563	552627	553336	554306	550275	551198	549769	551790	552467	550560	552351	27.930	14.826	15.227	15.356
30	548618	549294	550283	550462	551596	551782	552390	552937	553264	551174	553399	551725					
	552489	552329	550866	549991	550704	550394	547298	548974	547932	548192	548851	548242	550549	27.938	14.821	15.219	15.352
31	548098	549544	550306	550570	550781	552049	552596	551756	553155	553543	550992	552778					
	552827	552493	551175	553209	551312	550990	550085	548095	549469	551163	550728	549484	551133	27.928	14.824	15.222	15.390
MONTHLY	545882	546081	546432	546581	546605	546615	547273	547685	548196	548060	548409	548535					
AVG	548951	548538	548130	548108	547466	547462	547107	546680	546411	546799	546746	546643	547308	27.929	14.831	15.224	15.362

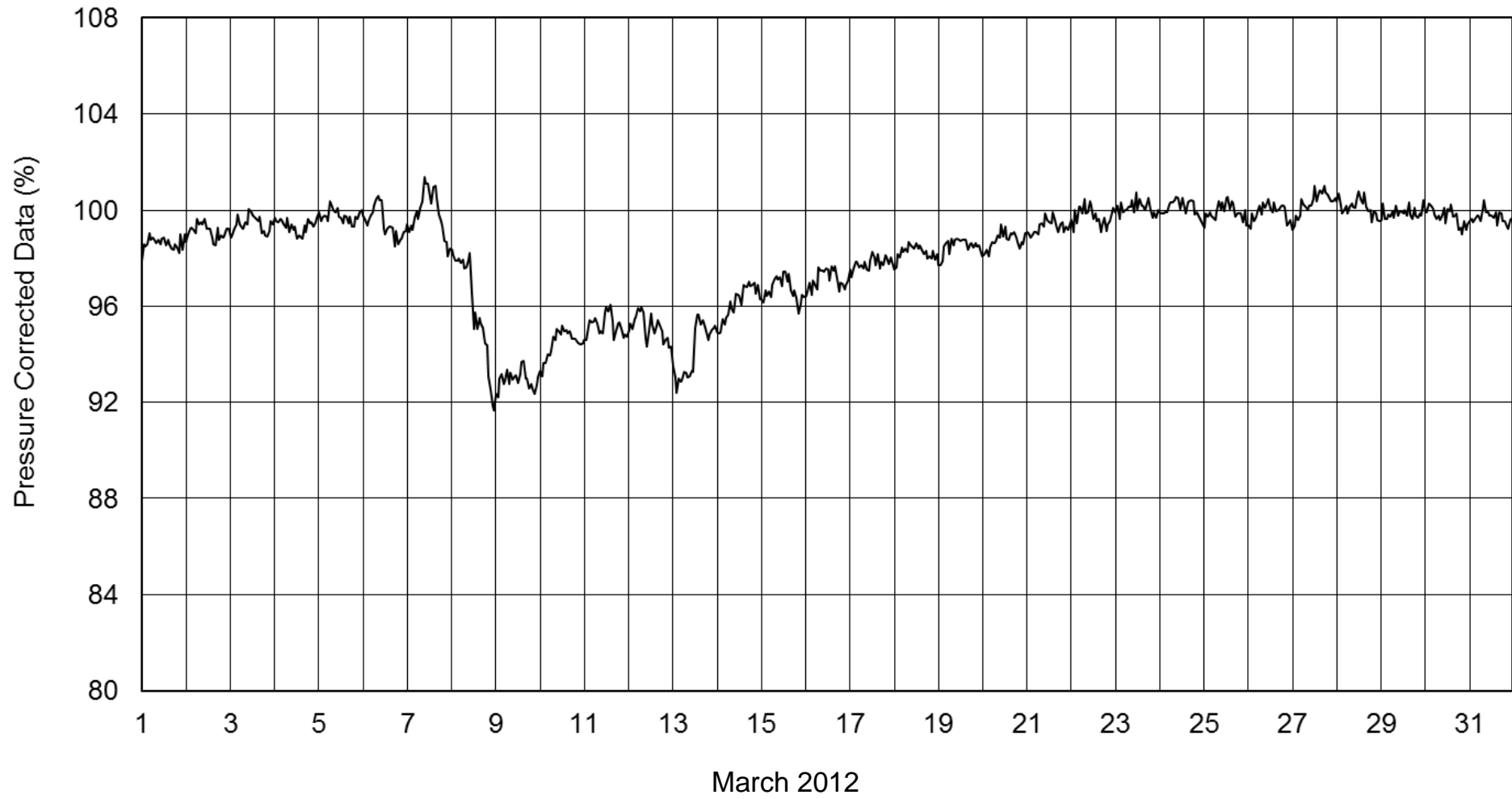
SVIRCO OBSERVATORY - Pressure corrected data



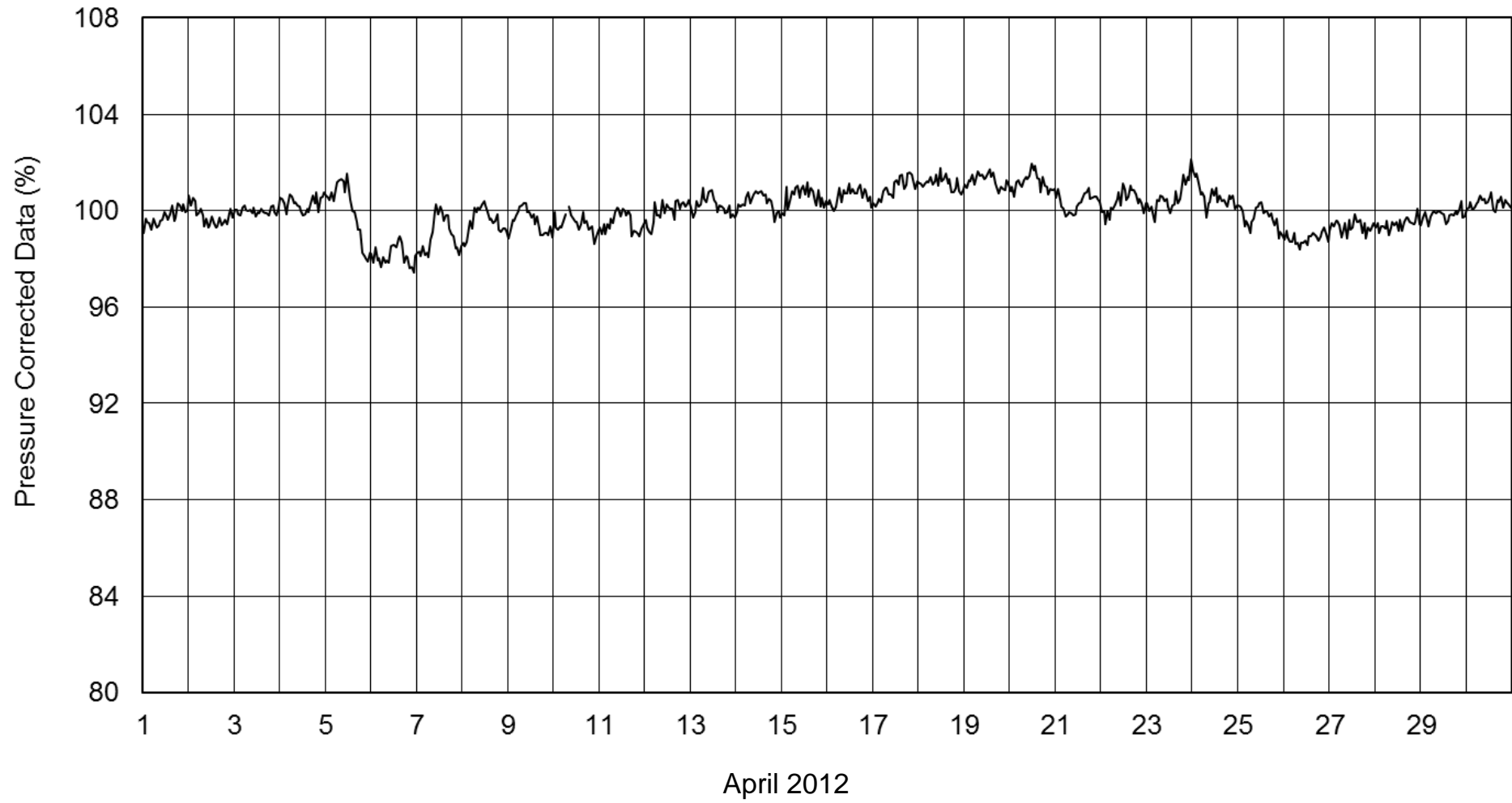
SVIRCO OBSERVATORY - Pressure corrected data



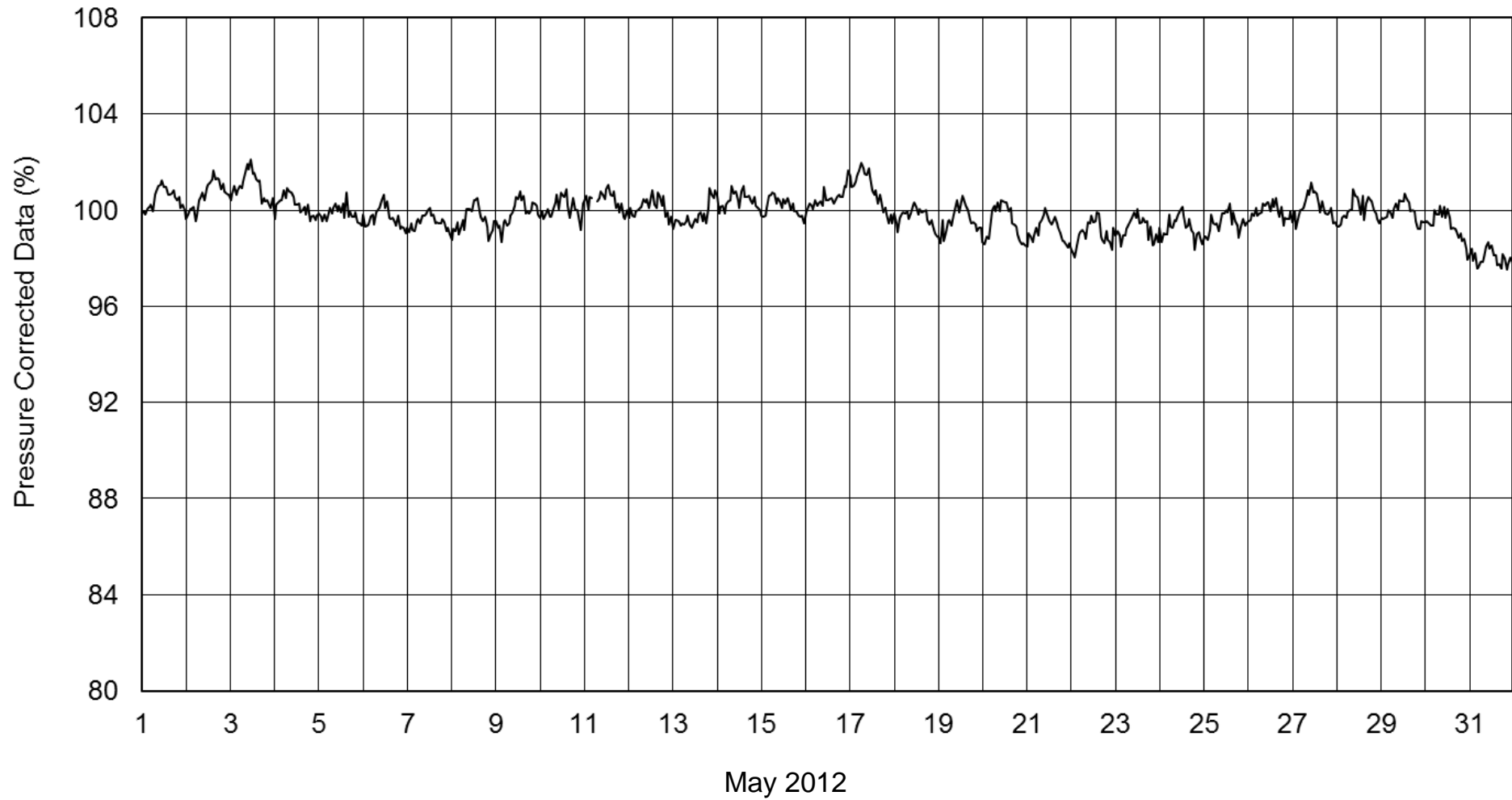
SVIRCO OBSERVATORY - Pressure corrected data



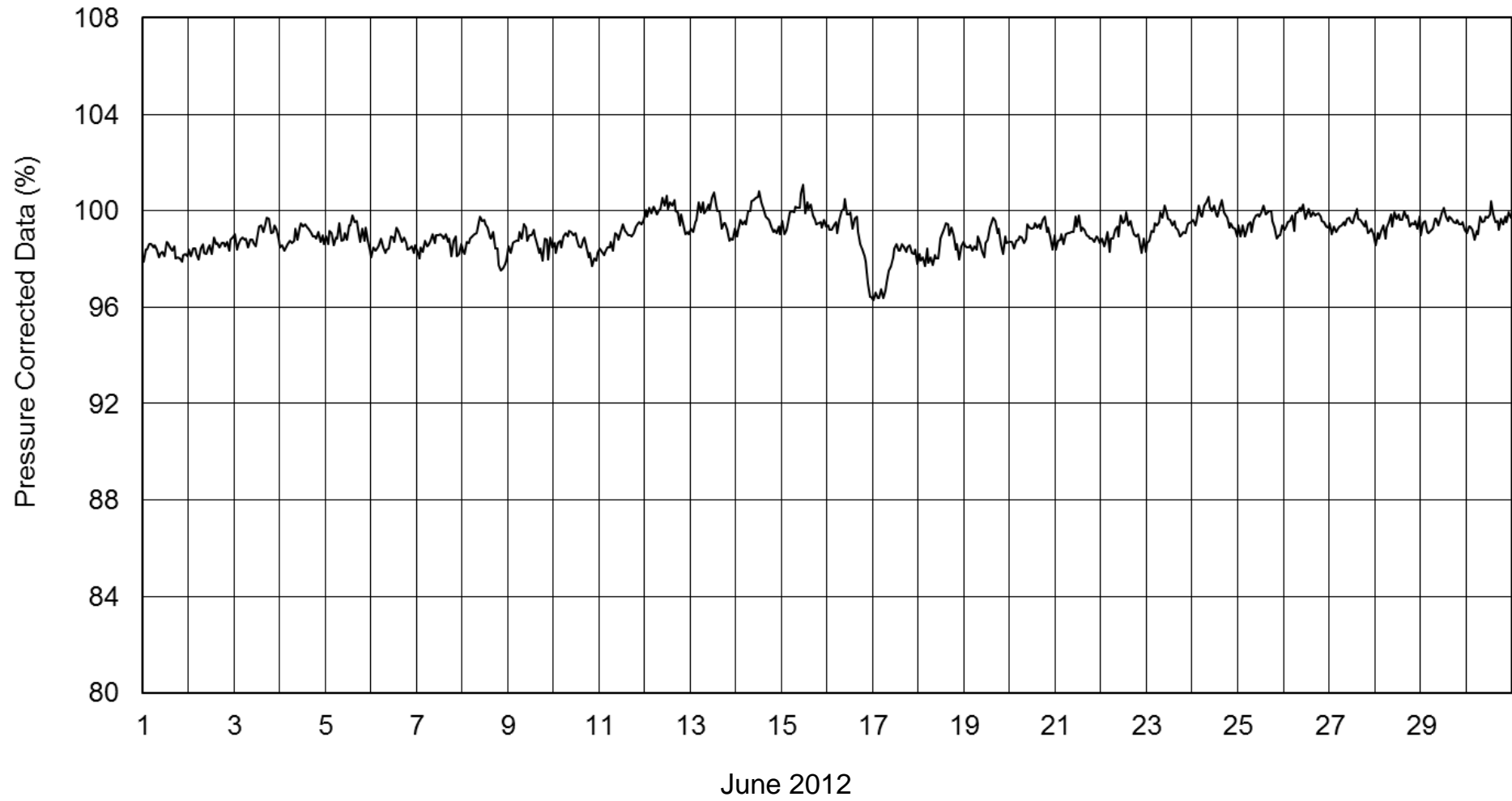
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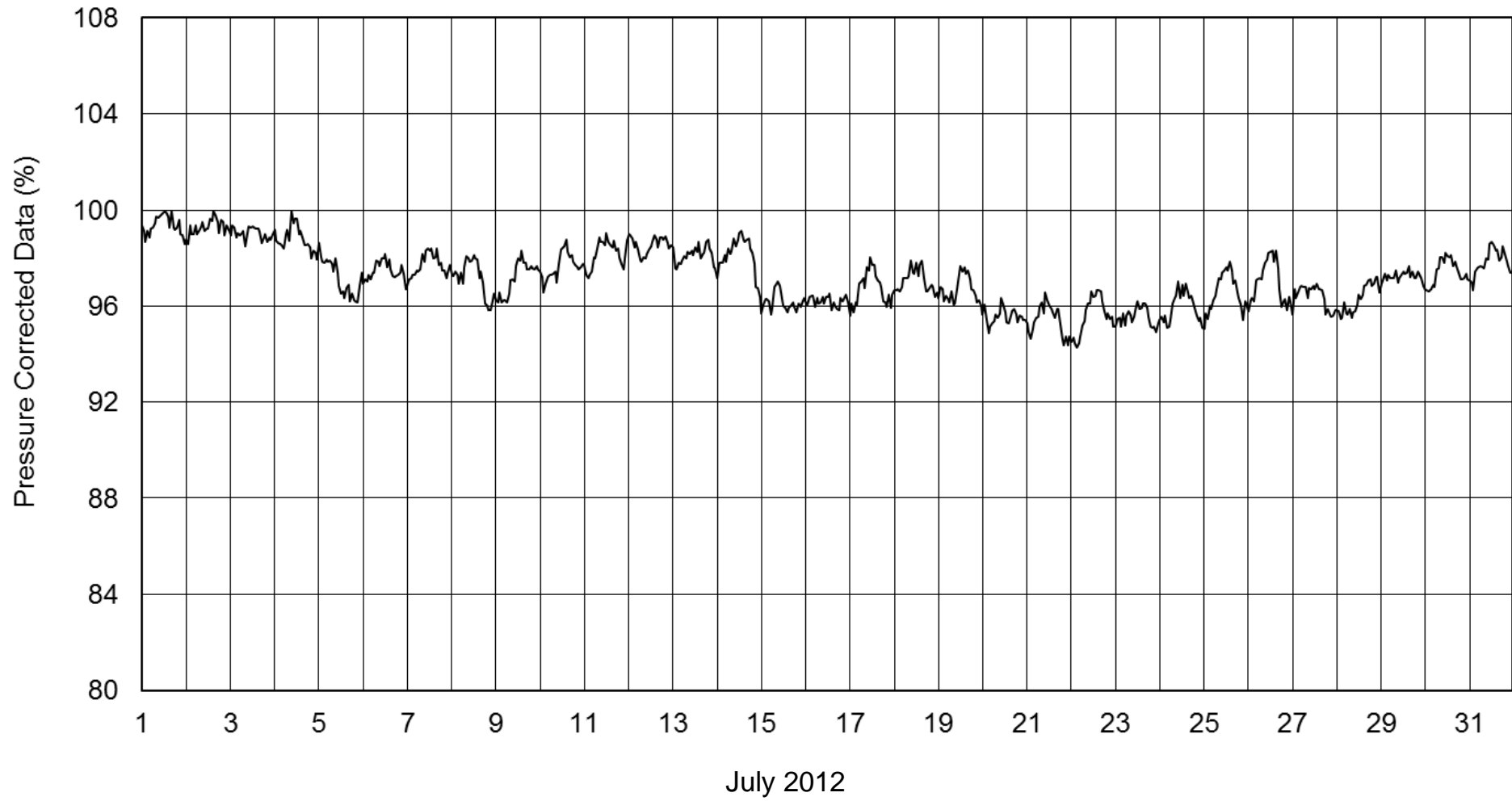
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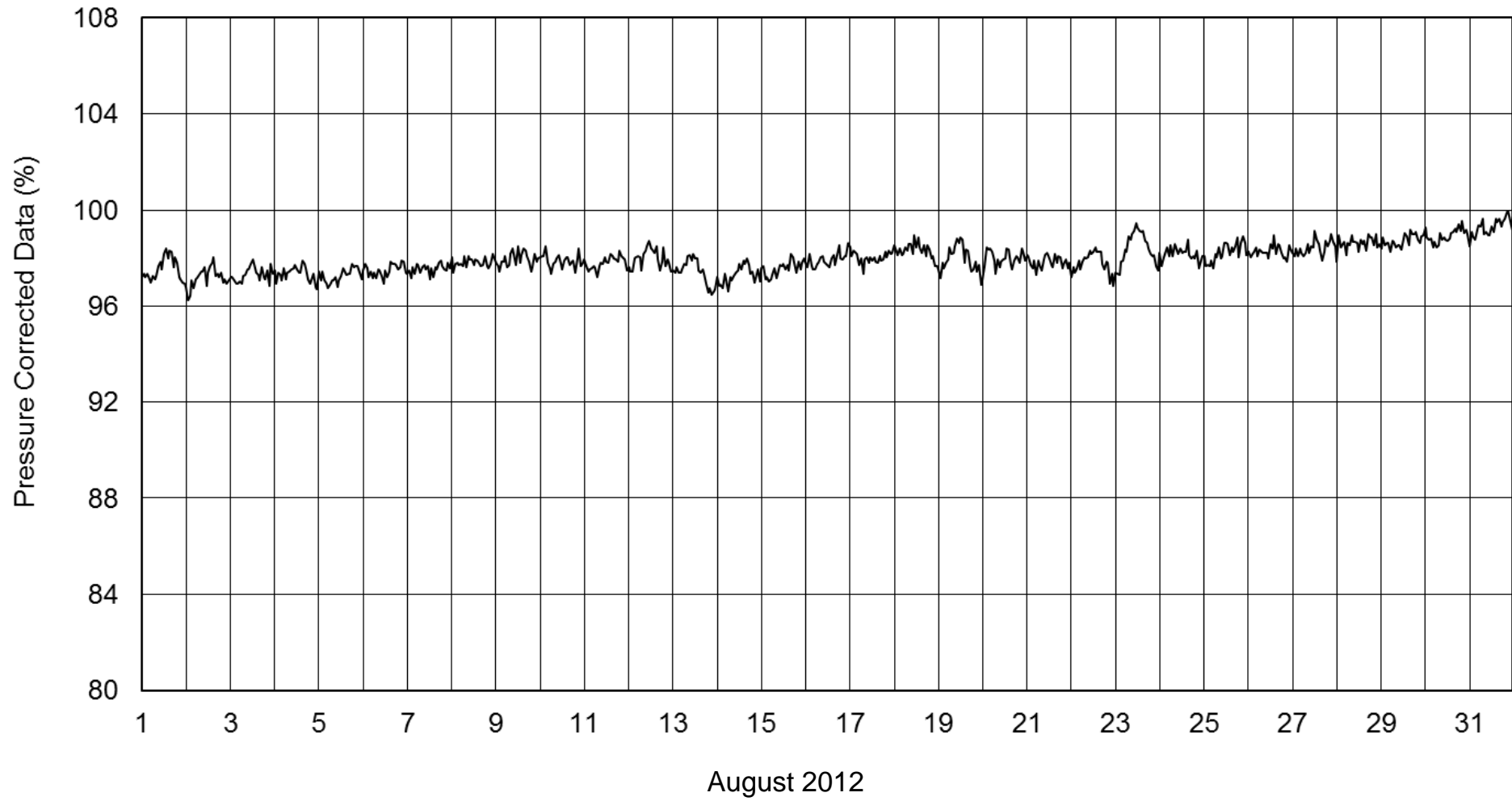
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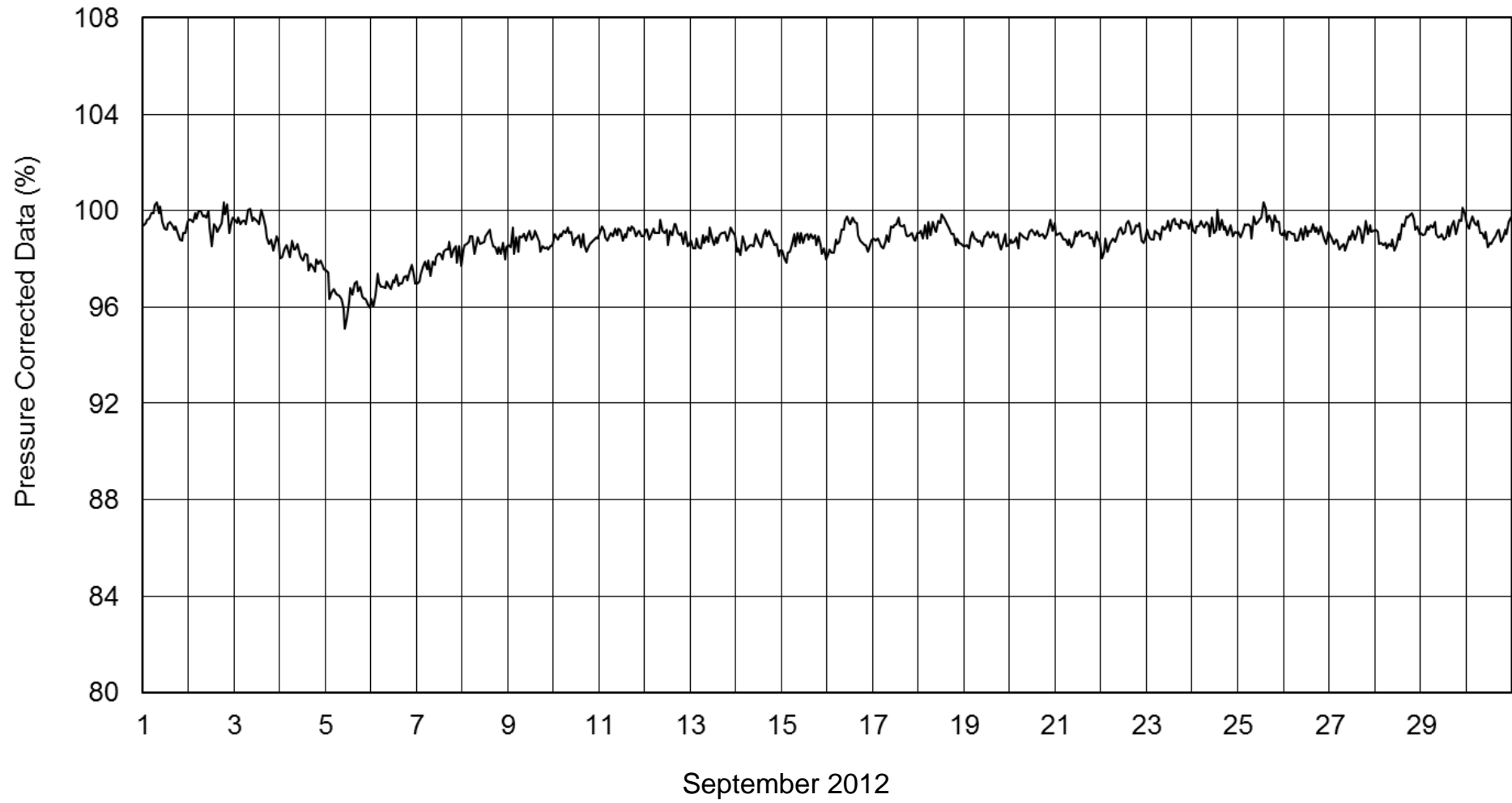
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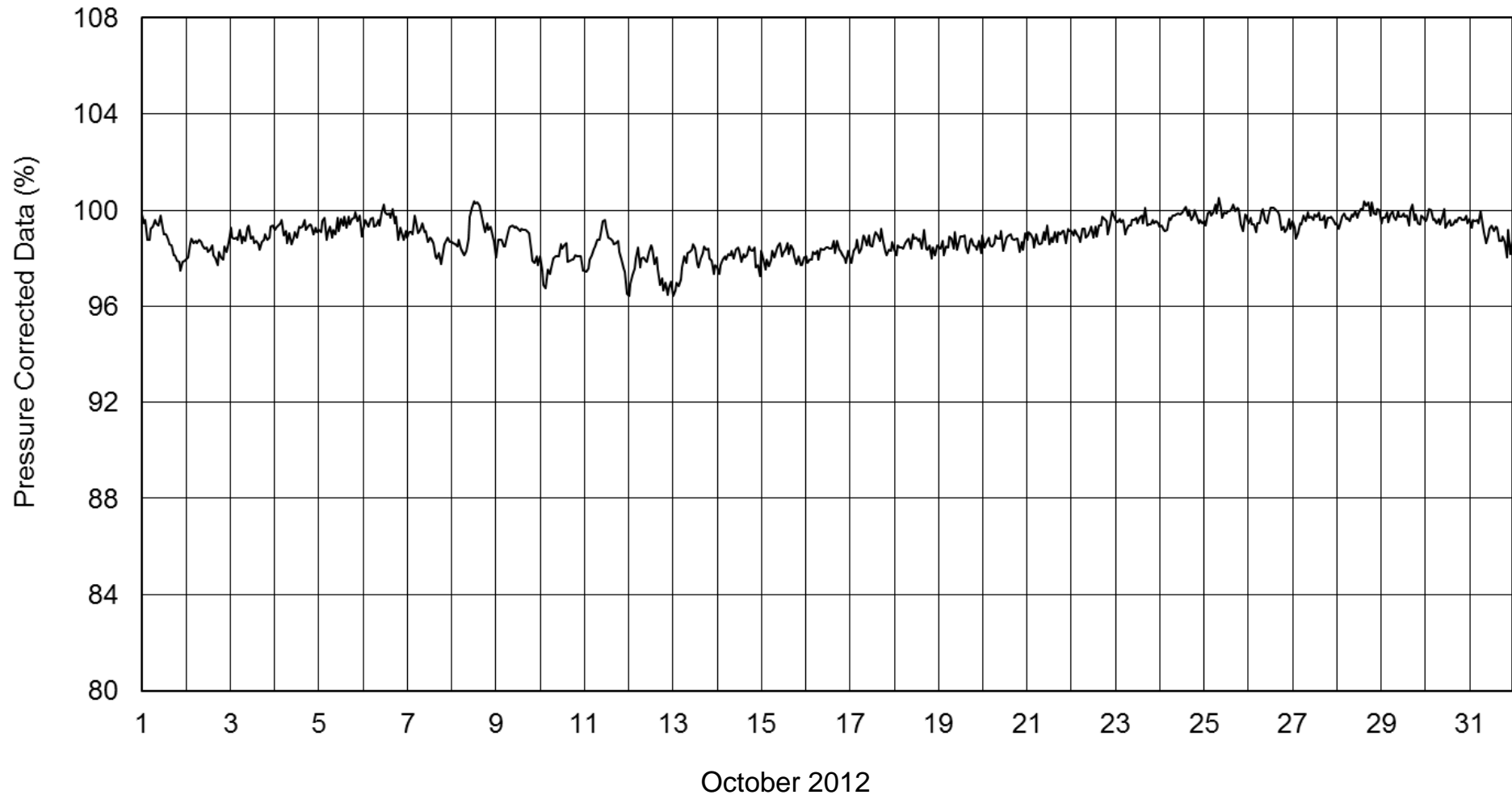
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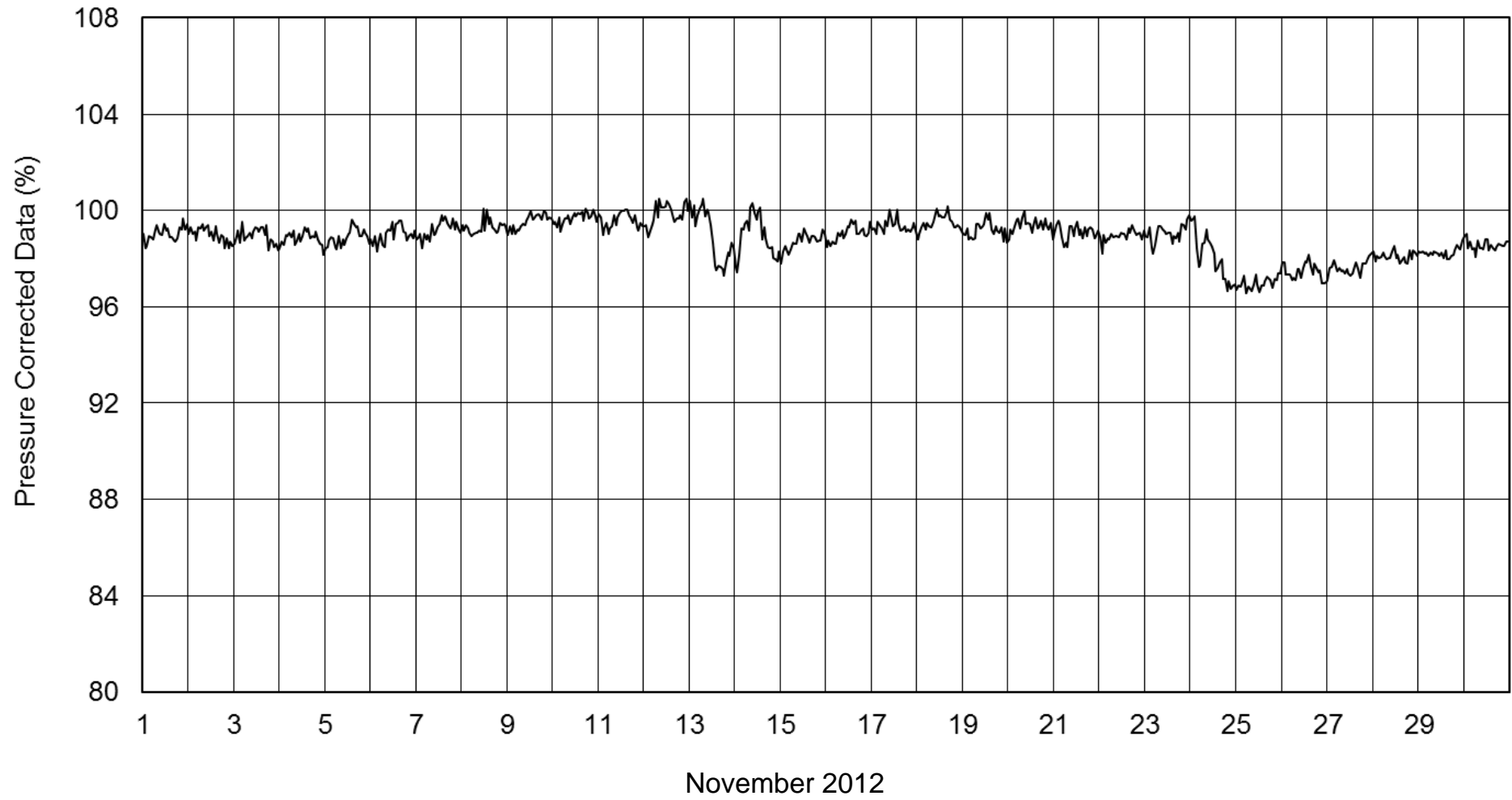
SVIRCO OBSERVATORY - Pressure corrected data



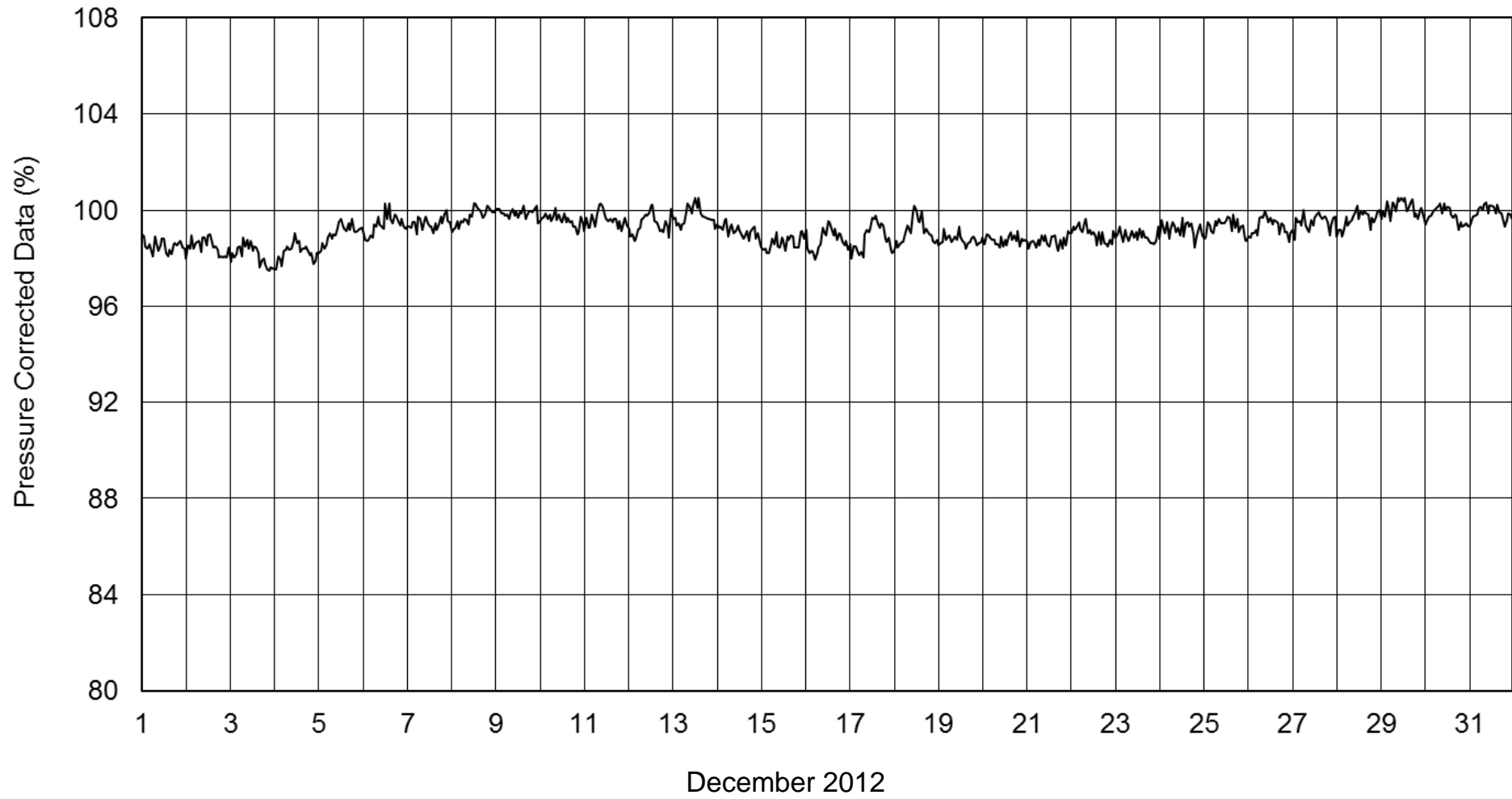
SVIRCO OBSERVATORY - Pressure corrected data



SVIRCO OBSERVATORY - Pressure corrected data



SVIRCO OBSERVATORY - Pressure corrected data



S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - January 2012

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													
2											1022.70	1021.86	
3	1021.23	1020.79	1020.38	1020.22	1020.08	1019.88	1019.74	1019.51	1018.97	1018.55	1018.02	1016.96	1019.92
4	1016.30	1016.69	1016.61	1016.51	1016.58	1016.88	1017.16	1018.10	1018.88	1019.75	1019.95	1019.83	
5	1019.80	1020.11	1020.70	1021.39	1022.01	1022.75	1023.25	1023.26	1023.30	1023.41	1023.28	1023.00	1019.98
6	1022.85	1022.70	1022.67	1022.24	1022.07	1021.86	1021.60	1021.19	1020.98	1020.54	1019.53	1018.41	
7	1017.33	1016.31	1015.58	1015.06	1014.76	1014.72	1014.55	1014.60	1014.50	1014.32	1014.70	1015.04	1018.25
8	1015.77	1015.79	1015.06	1014.64	1014.53	1014.63	1014.38	1013.95	1013.59	1013.49	1012.50	1010.76	
9	1009.26	1008.10	1006.43	1004.99	1002.87	1001.49	999.89	998.52	997.48	996.51	995.48	994.16	1007.68
10	992.92	993.25	993.87	994.30	995.03	996.28	997.09	998.24	999.05	999.49	999.89	1000.71	
11	1001.26	1002.36	1003.40	1004.52	1005.58	1006.61	1007.72	1008.70	1009.26	1009.97	1010.71	1011.08	1001.72
12	1011.66	1012.62	1013.92	1014.44	1014.95	1015.85	1016.48	1017.15	1017.71	1018.19	1018.04	1017.55	
13	1017.19	1016.94	1016.96	1017.07	1017.47	1017.48	1017.74	1017.54	1017.32	1017.14	1016.76	1016.46	1016.44
14	1016.06	1016.33	1016.15	1015.90	1015.48	1015.41	1015.65	1016.04	1016.60	1016.48	1015.57	1014.42	
15	1013.83	1013.64	1013.59	1013.76	1013.83	1013.97	1014.24	1014.50	1014.70	1015.05	1015.39	1015.48	1015.09
16	1015.75	1016.36	1016.46	1016.39	1016.95	1017.72	1018.63	1019.46	1020.39	1021.23	1021.19	1020.64	
17	1020.51	1020.85	1021.33	1021.89	1022.69	1023.64	1024.45	1024.79	1025.28	1026.08	1026.44	1026.37	1021.06
18	1026.59	1026.81	1026.94	1026.96	1027.13	1027.14	1027.06	1027.16	1027.36	1027.25	1026.23	1025.28	
19	1024.44	1023.94	1023.87	1023.97	1024.21	1024.59	1025.30	1026.07	1026.54	1027.19	1027.52	1027.59	1026.13
20	1027.98	1028.23	1028.16	1028.09	1028.33	1028.53	1028.78	1029.13	1029.76	1029.95	1029.59	1028.82	
21	1028.05	1027.65	1027.67	1027.79	1027.91	1028.12	1028.37	1028.50	1028.75	1028.96	1029.28	1029.43	1028.58
22	1029.59	1029.88	1029.77	1029.70	1029.64	1029.68	1029.59	1029.80	1030.24	1030.52	1029.94	1029.05	
23	1028.14	1027.64	1027.38	1027.13	1027.06	1027.12	1027.08	1026.94	1026.81	1026.61	1026.29	1025.84	1028.39
24	1025.42	1024.99	1024.62	1024.05	1023.28	1022.47	1021.76	1021.44	1021.75	1021.54	1020.84	1019.79	
25	1018.69	1018.07	1017.59	1017.23	1016.92	1016.71	1016.56	1016.25	1016.05	1015.96	1015.82	1015.52	1019.72
26	1015.57	1015.67	1015.36	1015.07	1015.04	1015.21	1015.47	1015.84	1016.38	1016.69	1016.43	1015.67	
27	1015.05	1014.70	1014.57	1014.86	1015.61	1015.91	1016.08	1016.47	1016.71	1016.81	1017.00	1016.81	1015.79
28	1016.91	1017.06	1016.77	1016.57	1016.61	1016.88	1017.18	1017.50	1017.81	1018.04	1017.74	1016.96	
29	1016.35	1016.06	1016.09	1016.18	1016.39	1016.81	1017.26	1017.56	1017.91	1018.21	1018.26	1018.14	1017.13
30	1017.92	1017.87	1017.68	1017.56	1017.62	1017.93	1018.36	1018.80	1019.18	1019.35	1019.32	1018.84	
31	1018.52	1018.40	1018.67	1019.05	1019.73	1020.42	1021.05	1021.73	1022.26	1022.68	1022.93	1023.32	1019.55
32	1023.48	1023.73	1023.77	1023.93	1024.20	1024.50	1024.89	1025.39	1025.96	1026.37	1026.34	1025.74	
33	1025.34	1025.03	1025.05	1025.33	1025.60	1026.05	1026.62	1027.08	1027.55	1027.95	1028.19	1028.29	1025.68
34	1028.37	1028.53	1028.44	1028.46	1028.59	1028.88	1029.32	1029.91	1030.43	1030.70	1030.83	1030.70	
35	1030.42	1030.08	1029.96	1030.15	1030.49	1030.91	1031.44	1031.72	1032.04	1032.22	1032.49	1032.48	1030.32
36	1032.61	1032.91	1032.62	1032.71	1032.68	1032.81	1032.79	1033.35	1033.61	1033.55	1033.03	1032.12	
37	1031.13	1030.65	1030.38	1030.12	1029.58	1029.37	1029.09	1028.67	1028.11	1027.40	1026.80	1025.98	1030.92
38	1025.05	1024.34	1023.20	1022.08	1021.12	1020.16	1019.39	1018.86	1018.13	1017.37	1016.54	1015.09	
39	1013.69	1013.07	1012.77	1012.57	1012.68	1013.40	1013.10	1012.70	1013.17	1013.27	1013.17	1012.86	1016.57
40	1012.77	1013.16	1012.79	1012.51	1012.94	1013.35	1013.89	1014.82	1015.55	1016.10	1016.31	1016.18	
41	1015.77	1015.53	1015.51	1015.55	1015.94	1016.29	1016.51	1016.63	1016.83	1016.83	1016.52	1016.01	1015.18
42	1015.53	1015.00	1014.59	1014.09	1013.80	1013.73	1013.13	1013.44	1013.82	1013.96	1013.69	1013.24	
43	1012.89	1012.64	1012.65	1012.66	1012.88	1012.80	1012.79	1012.92	1012.95	1013.12	1013.31	1013.32	1013.46
44	1013.23	1013.10	1012.90	1012.76	1012.57	1012.57	1012.66	1013.10	1013.47	1013.69	1013.47	1012.96	
45	1012.35	1011.86	1011.68	1011.55	1011.66	1012.10	1012.36	1012.45	1012.47	1012.57	1012.48	1012.19	1012.59
46	1011.76	1011.47	1011.17	1010.78	1010.73	1010.73	1010.54	1010.53	1010.55	1010.66	1010.44	1010.15	
47	1009.57	1009.10	1008.56	1008.67	1009.16	1010.08	1010.96	1011.50	1011.97	1012.23	1012.66	1013.14	1010.71
48	1013.63	1013.76	1013.63	1013.72	1013.89	1014.28	1015.00	1015.40	1015.77	1015.65	1015.17	1014.57	
49	1014.15	1014.10	1014.31	1014.56	1015.29	1016.04	1016.38	1016.52	1016.82	1016.77	1016.77	1016.81	1015.13
50	1016.66	1016.41	1016.40	1016.29	1016.46	1017.04	1017.45	1018.09	1018.19	1018.35	1018.03	1017.50	
51	1016.97	1016.56	1016.62	1016.89	1017.22	1017.79	1018.17	1018.42	1019.01	1019.49	1019.98	1020.11	1017.67
52	1020.35	1020.70	1020.69	1020.88	1021.12	1021.51	1021.99	1022.29	1022.60	1023.04	1023.00	1022.50	
53	1021.93	1021.56	1021.42	1021.52	1021.78	1022.21	1022.60	1022.76	1022.81	1023.00	1023.19	1023.05	1022.02
54	1023.02	1023.15	1023.01	1022.97	1023.04	1023.06	1023.19	1023.10	1022.95	1022.93	1022.54	1021.73	
55	1020.88	1020.24	1019.85	1019.67	1019.58	1019.49	1019.39	1019.36	1018.99	1018.55	1018.29	1017.84	1021.12
56	1017.30	1017.00	1016.45	1015.93	1015.58	1015.37	1015.29	1015.45	1015.53	1015.65	1015.43	1014.89	
57	1014.31	1013.87	1013.70	1013.68	1013.93	1014.19	1014.55	1014.56	1014.41	1014.37	1014.62	1014.66	1015.03
58	1014.56	1014.54	1014.26	1014.11	1014.17	1014.11	1014.30	1014.68	1014.80	1014.72	1014.47	1013.97	
59	1013.32	1012.92	1012.97	1013.05	1013.36	1014.02	1014.53	1014.94	1015.33	1015.47	1015.69	1015.67	1014.33
60	1015.70	1015.79	1015.53	1015.23	1015.09	1015.20	1015.33	1015.74	1016.16	1016.33	1016.37	1016.11	
61	1015.44	1014.96	1014.79	1014.68	1014.38	1014.42	1014.18	1013.57	1013.15	1012.44	1011.66	1010.40	1014.69
MONTHLY AVG	1018.46	1018.55	1018.40	1018.24	1018.25	1018.41	1018.56	1018.89	1019.21	1019.36	1019.17	1018.53	
AVG	1017.93	1017.59	1017.48	1017.53	1017.69	1017.98	1018.20	1018.29	1018.38	1018.44	1018.46	1018.27	1018.36

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - February 2012

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	1009.10	1007.67	1005.79	1003.68	1003.52	1002.68	1001.84	1001.47	1001.63	1001.39	1000.84	1000.24	
	1000.00	1000.72	1001.65	1002.55	1003.37	1004.42	1004.91	1005.52	1006.16	1006.43	1006.86	1007.07	1003.73
2	1007.16	1007.51	1007.52	1007.79	1007.90	1008.09	1008.47	1008.89	1009.28	1009.61	1009.61	1009.12	
	1008.85	1008.86	1008.81	1008.66	1008.53	1008.48	1008.36	1008.47	1008.61	1008.24	1008.01	1007.48	1008.43
3	1006.89	1007.19	1006.87	1006.28	1005.67	1005.21	1004.98	1005.13	1005.37	1005.14	1004.93	1004.80	
	1004.19	1004.02	1004.07	1004.26	1004.04	1003.91	1003.80	1003.83	1003.92	1003.87	1004.38	1004.60	1004.89
4	1004.47	1004.91	1005.33	1005.75	1006.39	1007.13	1008.34	1009.42	1010.29	1011.24	1011.95	1012.59	
	1013.09	1013.62	1014.43	1015.28	1015.84	1016.60	1017.31	1017.86	1018.36	1018.54	1018.60	1018.54	1012.33
5	1018.51	1018.60	1018.13	1017.80	1017.45	1017.48	1017.79	1017.65	1017.41	1017.69	1017.35	1016.64	
	1016.09	1015.42	1015.00	1014.62	1014.39	1014.38	1014.42	1014.56	1014.61	1014.23	1014.08	1013.69	1016.17
6	1013.12	1012.55	1011.84	1011.41	1010.93	1010.62	1010.25	1010.08	1010.16	1009.48	1008.28	1008.03	
	1007.19	1006.32	1005.64	1004.74	1004.38	1004.01	1003.86	1003.68	1003.18	1002.80	1002.36	1001.82	1007.36
7	1001.47	1001.29	1001.03	1000.61	1000.26	1000.12	999.96	1000.22	1000.52	1000.43	1000.91	1001.14	
	1001.28	1001.25	1001.75	1002.52	1003.24	1004.30	1005.16	1005.86	1006.67	1007.41	1007.99	1008.49	1002.66
8	1008.78	1009.10	1009.32	1009.66	1010.22	1010.90	1011.62	1012.41	1013.10	1013.64	1013.75	1013.70	
	1013.64	1013.63	1013.78	1014.15	1014.74	1015.48	1016.10	1016.55	1016.77	1017.04	1017.34	1017.55	1013.46
9	1017.58	1017.43	1017.23	1017.13	1017.17	1017.24	1017.55	1017.80	1017.80	1017.71	1017.70	1017.17	
	1016.49	1015.65	1015.37	1015.19	1014.99	1014.87	1014.62	1014.42	1014.28	1014.06	1013.87	1013.83	1016.13
10	1013.27	1012.72	1011.98	1011.41	1010.87	1010.49	1010.11	1010.12	1009.91	1009.52	1008.76	1007.82	
	1007.11	1006.27	1005.71	1005.21	1004.84	1005.00	1004.99	1004.85	1004.71	1005.33	1006.10	1007.23	1008.10
11	1008.11	1008.66	1009.10	1009.48	1009.78	1009.88	1010.48	1010.97	1011.38	1011.50	1011.44	1011.12	
	1011.33	1011.25	1010.78	1010.99	1010.85	1011.11	1011.70	1012.61	1013.53	1013.91	1013.82	1013.94	1011.15
12	1013.84	1013.82	1013.43	1013.15	1012.91	1012.95	1013.30	1013.55	1013.73	1013.79	1013.91	1013.29	
	1012.69	1012.63	1012.70	1013.09	1013.49	1013.92	1014.25	1014.36	1014.48	1015.05	1015.50	1016.01	1013.74
13	1016.08	1016.01	1015.65	1015.57	1015.59	1015.52	1015.60	1015.93	1015.85	1015.77	1015.43	1014.59	
	1013.79	1013.35	1013.06	1012.70	1012.39	1012.55	1012.80	1013.12	1013.32	1013.36	1013.05	1012.65	1014.32
14	1012.24	1011.69	1011.32	1011.13	1011.09	1010.85	1010.98	1011.30	1011.50	1011.49	1011.52	1010.92	
	1010.48	1010.22	1010.36	1010.46	1010.88	1011.71	1012.40	1012.96	1013.34	1013.72	1014.02	1014.07	1011.69
15	1014.25	1014.52	1014.38	1014.41	1014.60	1014.58	1014.66	1014.76	1014.88	1014.52	1013.76	1012.60	
	1011.59	1010.64	1009.92	1009.26	1008.63	1008.33	1007.88	1007.88	1007.87	1007.74	1007.65	1007.86	1011.55
16	1007.86	1007.86	1007.76	1007.96	1008.38	1008.78	1009.79	1010.50	1010.83	1011.26	1011.74	1011.97	
	1012.12	1012.21	1012.48	1013.07	1014.12	1015.51	1016.63	1017.28	1018.11	1018.85	1019.47	1020.07	1012.69
17	1020.38	1020.72	1020.68	1020.93	1021.07	1021.38	1021.99	1022.49	1022.55	1022.64	1022.94	1022.58	
	1021.89	1021.14	1021.03	1020.72	1020.69	1021.12	1021.27	1021.58	1021.83	1022.03	1022.15	1022.06	1021.58
18	1022.03	1022.04	1021.67	1021.66	1021.54	1021.59	1021.90	1022.10	1022.22	1022.30	1022.19	1021.67	
	1021.15	1020.58	1020.29	1019.98	1020.01	1020.23	1020.46	1020.71	1020.91	1020.83	1020.71	1020.54	1021.22
19	1020.33	1020.17	1019.82	1019.61	1019.39	1019.32	1019.78	1020.15	1020.03	1019.94	1019.92	1019.66	
	1019.29	1019.26	1018.90	1018.82	1018.91	1019.27	1019.66	1019.76	1019.93	1020.00	1019.85	1019.65	1019.64
20	1019.70	1019.30	1018.80	1018.66	1018.85	1018.64	1018.93	1019.56	1019.61	1019.63	1019.49	1018.95	
	1018.66	1018.55	1018.70	1018.86	1019.51	1019.98	1020.40	1020.87	1021.51	1022.02	1022.22	1022.48	1019.74
21	1022.72	1022.70	1022.40	1022.33	1022.37	1022.51	1023.19	1023.70	1023.89	1023.91	1023.62	1022.84	
	1021.92	1021.13	1020.67	1020.04	1019.90	1020.48	1020.93	1021.04	1021.02	1020.80	1020.48	1020.19	1021.87
22	1019.73	1019.13	1018.38	1018.27	1018.20	1018.15	1018.17	1018.19	1018.00	1017.70	1017.27	1016.40	
	1015.75	1015.68	1015.52	1015.08	1015.12	1015.61	1016.25	1016.73	1017.17	1017.38	1017.61	1017.84	1017.22
23	1017.88	1017.72	1017.60	1017.58	1017.99	1018.16	1018.71	1019.42	1019.87	1020.11	1020.03	1019.87	
	1019.35	1019.36	1019.39	1019.58	1020.06	1020.60	1021.06	1021.33	1021.66	1021.96	1022.30	1022.65	1019.76
24	1022.92	1022.82	1022.71	1022.96	1023.13	1023.43	1024.13	1024.57	1024.83	1024.93	1025.21	1024.89	
	1024.31	1024.08	1023.72	1023.48	1023.47	1023.60	1023.71	1023.83	1024.06	1023.99	1023.94	1023.76	1023.85
25	1023.41	1022.91	1022.40	1022.05	1021.84	1021.49	1021.52	1021.50	1021.27	1020.86	1020.29	1019.24	
	1018.42	1017.94	1017.30	1016.67	1016.41	1016.37	1016.04	1015.77	1015.81	1015.49	1015.13	1014.69	1018.95
26	1014.07	1013.24	1012.36	1011.88	1011.43	1011.07	1010.95	1010.69	1010.43	1010.07	1009.51	1008.65	
	1007.96	1007.28	1006.92	1006.80	1007.12	1007.88	1009.30	1009.27	1010.01	1010.81	1011.99	1012.95	1010.11
27	1013.57	1013.91	1013.88	1014.44	1015.40	1016.11	1017.02	1017.81	1018.08	1018.29	1018.23	1017.85	
	1017.46	1017.42	1017.52	1017.95	1018.26	1018.75	1019.20	1019.84	1020.81	1021.27	1021.35	1021.57	1017.75
28	1021.69	1021.37	1021.14	1021.12	1021.24	1021.82	1022.15	1022.17	1022.42	1022.53	1022.42	1021.66	
	1020.93	1020.57	1020.46	1020.12	1020.10	1020.56	1020.70	1020.81	1021.15	1021.01	1020.98	1021.07	1021.26
29	1020.94	1020.70	1020.65	1020.41	1020.23	1020.00	1019.98	1019.96	1019.66	1019.27	1018.77	1017.64	
	1016.71	1016.06	1015.65	1015.71	1015.89	1016.67	1016.93	1017.11	1017.25	1017.34	1017.55	1017.68	1018.28
MONTHLY AVG	1014.90	1014.77	1014.45	1014.31	1014.32	1014.35	1014.63	1014.91	1015.05	1015.05	1014.89	1014.40	
	1013.92	1013.63	1013.50	1013.47	1013.59	1013.99	1014.31	1014.57	1014.86	1015.02	1015.15	1015.24	1014.47

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - March 2012

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	1017.56	1017.44	1017.41	1017.67	1017.92	1018.15	1018.98	1019.61	1019.90	1020.18	1020.37	1020.16	
	1020.07	1020.05	1020.11	1020.58	1021.17	1021.92	1022.35	1022.64	1022.89	1023.16	1023.37	1023.80	1020.31
2	1024.04	1023.79	1023.70	1023.76	1023.94	1024.03	1024.58	1024.90	1025.03	1024.91	1024.78	1024.43	
	1024.01	1023.59	1023.30	1023.54	1023.74	1024.00	1024.31	1024.60	1024.76	1024.93	1024.91	1024.96	1024.27
3	1024.92	1024.78	1024.52	1024.04	1023.74	1023.69	1023.83	1024.12	1024.24	1024.53	1024.27	1023.69	
	1022.87	1022.02	1021.32	1021.08	1021.39	1021.72	1021.84	1021.91	1021.90	1021.98	1021.71	1021.47	1022.98
4	1021.39	1021.20	1020.71	1020.27	1020.01	1019.89	1019.86	1019.84	1019.74	1019.55	1019.24	1018.73	
	1017.85	1017.12	1016.63	1016.60	1016.57	1016.79	1016.77	1016.81	1016.81	1016.41	1016.07	1015.67	1018.36
5	1015.61	1015.35	1014.74	1014.25	1014.05	1013.93	1014.14	1014.17	1014.18	1014.08	1013.90	1013.28	
	1012.48	1012.02	1011.88	1011.95	1012.15	1012.49	1012.74	1013.07	1013.22	1013.39	1013.44	1013.29	1013.49
6	1013.11	1012.67	1012.37	1012.23	1012.32	1012.66	1013.00	1013.37	1013.87	1014.24	1014.72	1014.84	
	1014.77	1015.26	1015.68	1016.11	1016.52	1016.81	1017.08	1017.64	1018.29	1018.54	1018.77	1019.22	1015.17
7	1019.19	1019.18	1019.19	1019.47	1019.85	1020.19	1020.58	1020.75	1020.95	1021.08	1021.12	1020.64	
	1019.92	1019.38	1019.26	1019.11	1018.92	1018.81	1018.91	1018.92	1018.82	1018.59	1018.44	1017.96	1019.55
8	1017.33	1016.70	1016.11	1015.67	1015.13	1014.71	1014.41	1014.15	1013.95	1013.96	1013.74	1013.40	
	1012.93	1012.73	1012.67	1013.12	1013.74	1014.61	1015.48	1016.08	1016.73	1017.33	1017.89	1018.26	1015.03
9	1018.56	1018.75	1018.86	1019.24	1019.79	1020.25	1020.91	1021.58	1022.14	1022.41	1022.55	1022.53	
	1022.21	1021.92	1022.04	1022.37	1023.09	1023.88	1024.50	1025.16	1025.60	1025.57	1025.23	1025.23	1022.26
10	1025.21	1024.73	1024.41	1023.98	1023.56	1023.05	1022.82	1022.54	1021.94	1021.47	1020.74	1019.79	
	1018.71	1018.01	1017.72	1017.64	1017.87	1018.10	1018.30	1018.37	1018.36	1018.23	1017.96	1017.54	1020.46
11	1017.06	1016.30	1015.53	1014.91	1014.66	1014.55	1014.84	1014.94	1014.86	1014.56	1014.19	1013.57	
	1012.70	1012.11	1011.57	1011.49	1011.87	1012.61	1013.12	1013.66	1014.10	1014.58	1014.91	1015.02	1014.07
12	1015.40	1015.32	1015.41	1015.77	1015.93	1016.10	1016.45	1016.99	1017.45	1017.54	1017.60	1017.45	
	1017.06	1016.86	1016.80	1016.64	1016.75	1017.15	1017.61	1017.85	1018.25	1018.39	1018.56	1018.88	1017.01
13	1019.21	1019.31	1019.34	1019.23	1019.43	1019.82	1020.23	1020.50	1020.54	1020.55	1020.74	1020.75	
	1020.22	1019.80	1020.51	1020.75	1021.01	1021.46	1021.79	1022.00	1022.19	1022.28	1022.59	1022.82	1020.71
14	1023.13	1023.05	1022.87	1023.03	1023.29	1023.55	1023.80	1024.06	1024.29	1024.49	1024.57	1024.27	
	1023.75	1023.65	1023.70	1023.74	1024.00	1024.48	1024.87	1025.34	1025.71	1025.91	1025.94	1026.02	1024.23
15	1026.13	1026.04	1025.85	1025.92	1026.18	1026.41	1026.62	1026.87	1027.09	1027.02	1026.88	1026.53	
	1026.03	1025.79	1025.65	1025.73	1025.96	1026.16	1026.40	1026.70	1026.92	1027.23	1027.37	1027.63	1026.46
16	1027.83	1027.70	1027.57	1027.54	1027.72	1027.95	1028.32	1028.84	1029.18	1029.23	1029.06	1028.61	
	1028.06	1027.75	1027.63	1027.59	1027.74	1027.87	1028.22	1028.59	1028.90	1029.13	1029.24	1029.15	1028.31
17	1029.08	1028.92	1028.53	1028.52	1028.48	1028.56	1028.71	1029.16	1029.35	1029.23	1028.68	1027.93	
	1027.10	1026.67	1026.28	1025.61	1025.68	1025.92	1026.25	1026.36	1026.16	1026.05	1026.01	1026.00	1027.47
18	1025.95	1025.57	1025.09	1024.71	1024.70	1024.46	1024.99	1025.60	1025.57	1025.29	1024.93	1024.49	
	1023.51	1022.72	1022.47	1021.87	1022.01	1022.17	1022.46	1022.78	1023.13	1023.20	1023.08	1023.01	1023.91
19	1022.87	1022.46	1022.30	1022.11	1022.18	1022.77	1023.73	1024.04	1024.75	1025.13	1024.72	1024.50	
	1024.53	1024.22	1024.47	1024.61	1024.93	1025.48	1026.01	1026.56	1027.20	1027.59	1027.80	1028.07	1024.71
20	1028.34	1028.27	1028.02	1027.99	1028.09	1028.57	1029.20	1029.67	1029.92	1029.82	1029.44	1029.02	
	1028.44	1028.00	1027.73	1027.67	1027.87	1028.31	1028.83	1029.27	1029.68	1029.75	1029.76	1029.85	1028.81
21	1029.77	1029.54	1029.41	1029.42	1029.62	1029.90	1030.14	1030.43	1030.42	1030.25	1029.84	1029.28	
	1028.60	1028.25	1027.96	1027.81	1027.66	1027.80	1028.06	1028.49	1028.64	1028.81	1028.64	1028.44	1029.05
22	1028.16	1027.77	1027.56	1027.47	1027.61	1027.92	1028.10	1028.04	1028.03	1027.88	1027.49	1026.86	
	1026.13	1025.76	1025.73	1025.93	1026.08	1026.40	1026.83	1026.89	1027.01	1027.02	1026.95	1026.84	1027.10
23	1026.80	1026.35	1026.09	1026.09	1026.08	1026.06	1026.26	1026.31	1026.07	1025.81	1025.37	1025.00	
	1024.56	1024.05	1023.60	1023.27	1023.11	1023.06	1023.26	1023.42	1023.42	1023.21	1023.04	1022.64	1024.70
24	1022.37	1022.13	1021.85	1021.88	1021.85	1021.75	1021.61	1021.43	1021.10	1020.67	1020.17	1019.84	
	1019.54	1019.23	1019.25	1019.53	1019.63	1019.37	1019.83	1020.03	1020.29	1020.41	1020.62	1020.57	1020.62
25	1020.35	1019.95	1019.67	1019.72	1019.89	1020.12	1020.39	1020.43	1020.58	1020.59	1020.33	1019.86	
	1019.42	1019.37	1019.97	1020.62	1020.71	1020.91	1021.07	1021.63	1021.87	1021.87	1021.97	1022.24	1020.56
26	1022.34	1022.16	1022.10	1022.09	1022.13	1022.41	1022.77	1023.01	1023.23	1023.19	1022.93	1022.59	
	1022.19	1021.74	1021.39	1021.26	1021.30	1021.47	1021.61	1022.06	1022.50	1022.68	1022.84	1022.96	1022.29
27	1022.83	1022.85	1022.88	1023.10	1023.27	1023.50	1023.92	1024.42	1024.76	1024.67	1024.32	1023.77	
	1023.20	1022.75	1022.25	1021.90	1021.77	1022.06	1022.34	1022.49	1022.46	1022.42	1022.31	1022.18	1023.02
28	1022.09	1021.97	1021.79	1021.92	1022.29	1022.76	1023.17	1023.40	1023.45	1023.24	1022.69	1022.16	
	1021.73	1021.16	1020.72	1020.49	1020.51	1020.67	1020.91	1021.07	1020.92	1020.84	1020.64	1020.52	1021.71
29	1020.15	1019.82	1019.83	1019.71	1019.74	1019.76	1019.67	1019.47	1019.38	1019.10	1018.49	1017.82	
	1017.21	1016.55	1015.87	1015.39	1015.08	1014.85	1015.07	1014.91	1014.80	1014.93	1014.49	1014.52	1017.36
30	1013.92	1013.43	1012.94	1012.30	1011.62	1011.64	1011.71	1011.61	1011.57	1011.26	1010.77	1010.39	
	1010.12	1009.54	1009.05	1009.00	1009.09	1009.12	1009.60	1010.00	1010.05	1010.11	1010.02	1009.97	1010.78
31	1009.78	1009.44	1009.27	1009.14	1009.13	1009.49	1009.69	1009.84	1009.87	1009.72	1009.22	1008.76	
	1008.31	1007.67	1007.19	1007.08	1006.86	1006.91	1007.05	1007.37	1007.29	1007.42	1007.26	1006.90	1008.36
MONTHLY AVG	1021.63 1020.59	1021.39 1020.18	1021.16 1020.01	1021.07 1020.00	1021.10 1020.15	1021.24 1020.43	1021.53 1020.76	1021.74 1021.05	1021.85 1021.25	1021.79 1021.35	1021.54 1021.35	1021.13 1021.34	1021.07

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

Pressure in hectoPascal - April 2012

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	1006.34	1005.54	1005.47	1005.56	1005.42	1005.73	1006.15	1006.03	1006.22	1006.03	1005.65	1005.54	
	1005.68	1005.71	1005.72	1005.94	1006.43	1006.92	1007.92	1009.04	1009.42	1009.80	1010.15	1010.26	1006.78
2	1010.31	1010.32	1010.36	1010.09	1010.16	1010.66	1011.10	1011.49	1011.84	1011.61	1011.22	1010.87	
	1010.41	1010.05	1009.66	1009.52	1009.80	1010.10	1010.51	1010.95	1011.04	1010.64	1010.17	1010.01	1010.54
3	1009.85	1009.35	1008.94	1008.96	1009.04	1009.28	1009.01	1009.26	1009.40	1009.37	1009.19	1008.94	
	1008.61	1008.20	1007.69	1007.13	1006.87	1006.88	1007.29	1008.00	1008.21	1008.07	1008.17	1008.26	1008.50
4	1008.21	1007.96	1007.97	1007.81	1007.97	1008.02	1008.24	1008.03	1007.52	1007.40	1007.57	1007.45	
	1006.97	1006.27	1005.53	1005.29	1005.50	1005.56	1005.79	1006.21	1006.56	1006.72	1006.54	1006.35	1006.98
5	1006.08	1005.83	1005.71	1005.93	1006.24	1006.51	1006.64	1006.93	1007.26	1007.26	1007.13	1006.95	
	1006.48	1006.30	1006.19	1006.43	1006.61	1006.91	1007.66	1008.26	1008.24	1008.41	1008.62	1008.70	1006.97
6	1008.58	1008.49	1008.50	1008.54	1008.53	1008.75	1009.12	1009.31	1009.57	1009.55	1009.52	1009.31	
	1009.26	1009.01	1008.88	1008.63	1008.60	1008.78	1009.15	1009.61	1009.32	1009.13	1009.14	1009.00	1009.01
7	1008.25	1007.67	1007.21	1006.62	1006.14	1005.87	1005.77	1005.88	1006.14	1005.90	1005.40	1004.73	
	1004.05	1003.54	1003.45	1003.39	1003.46	1003.31	1003.55	1003.86	1003.92	1003.90	1003.77	1003.34	1004.96
8	1002.84	1002.31	1001.53	1000.84	1000.66	1000.43	999.89	999.62	999.86	999.66	999.09	998.98	
	998.67	997.87	997.45	998.79	999.96	999.70	1000.81	1001.58	1002.37	1003.16	1003.86	1004.65	1000.61
9	1005.28	1005.91	1006.39	1006.87	1007.55	1008.01	1008.46	1008.73	1009.30	1009.56	1009.63	1009.47	
	1009.32	1008.99	1008.88	1008.71	1008.82	1009.04	1009.74	1010.12	1010.25	1010.62	1010.81	1011.06	1008.81
10	1011.13	1011.06	1010.87	1010.83	1011.29	1011.73	1011.93		1011.96	1011.57	1011.16	1010.21	
	1010.47	1010.62	1010.66	1010.31	1009.70	1009.91	1010.12	1010.59	1009.73	1009.13	1008.59	1008.07	1010.51
11	1007.78	1007.25	1006.02	1005.21	1004.72	1004.75	1004.33	1003.55	1002.95	1002.24	1001.80	1001.14	
	1000.93	1001.50	1001.62	1001.66	1001.84	1002.04	1002.73	1003.60	1003.78	1004.24	1004.65	1005.00	1003.56
12	1004.91	1005.06	1005.17	1005.33	1005.61	1005.95	1005.89	1005.57	1006.28	1006.47	1006.30	1006.39	
	1006.33	1006.62	1006.50	1006.32	1005.57	1005.37	1006.13	1006.26	1005.47	1004.59	1003.94	1002.88	1005.62
13	1002.65	1001.84	1001.29	1000.13	999.15	998.81	998.15	997.59	997.05	996.59	995.78	995.12	
	994.09	992.95	992.06	991.26	990.46	989.73	989.74	989.64	989.29	988.85	988.38	988.03	994.53
14	987.92	987.94	987.98	987.94	988.15	988.64	989.14	989.66	990.44	991.07	991.69	992.20	
	992.29	992.40	992.64	993.15	993.70	994.26	995.03	995.89	996.30	996.59	996.86	996.83	992.03
15	996.65	996.62	996.81	996.86	997.04	997.50	997.80	997.89	998.10	998.06	997.99	998.01	
	998.33	998.19	998.55	998.76	998.90	999.21	999.91	1000.59	1000.94	1000.97	1001.22	1001.14	998.58
16	1001.08	1000.98	1000.62	1000.32	1000.30	1000.71	1000.84	1000.83	1000.79	1000.42	1000.00	999.87	
	999.79	999.48	999.39	999.57	999.74	1000.07	1001.03	1001.80	1002.03	1002.44	1002.68	1002.61	1000.72
17	1002.47	1002.31	1002.29	1002.23	1002.46	1003.03	1003.38	1003.67	1003.93	1003.78	1003.46	1002.95	
	1002.43	1002.35	1002.30	1002.33	1002.45	1002.68	1003.32	1003.72	1003.76	1003.75	1003.49	1003.17	1002.99
18	1002.64	1002.23	1001.74	1001.40	1001.53	1001.81	1001.72	1001.67	1001.85	1001.72	1001.58	1001.40	
	1001.18	1000.82	1000.63	1000.74	1000.62	1000.50	1000.40	1000.51	1000.22	999.48	999.07	999.03	1001.02
19	998.59	998.72	998.63	998.57	998.70	998.95	999.09	999.36	999.60	999.84	999.85	999.54	
	999.32	999.16	998.90	998.69	998.37	998.85	999.20	999.41	999.61	999.56	999.53	999.11	999.13
20	998.50	998.39	998.13	998.16	998.76	999.33	999.29	999.51	999.91	1000.63	1000.65	1000.61	
	1000.74	1000.85	1001.21	1001.85	1002.56	1003.26	1004.07	1005.25	1005.95	1006.41	1006.60	1006.80	1001.56
21	1006.71	1006.82	1006.96	1007.00	1007.72	1008.55	1009.32	1010.07	1010.81	1011.30	1011.70	1012.04	
	1012.31	1012.25	1012.34	1012.26	1012.21	1012.27	1012.48	1012.77	1012.88	1012.82	1012.84	1012.73	1010.80
22	1012.58	1012.17	1012.04	1011.90	1012.13	1012.36	1012.40	1012.38	1012.25	1012.49	1012.39	1012.43	
	1012.47	1012.08	1011.89	1011.75	1011.67	1011.77	1012.21	1012.53	1012.63	1012.54	1012.48	1012.38	1012.25
23	1011.97	1011.59	1011.43	1011.09	1011.03	1011.10	1011.03	1010.87	1010.64	1010.59	1010.73	1010.50	
	1010.37	1010.22	1009.96	1009.71	1009.81	1010.11	1010.50	1010.69	1010.78	1010.71	1010.49	1010.28	1010.68
24	1009.86	1009.27	1008.83	1008.07	1007.59	1007.20	1006.99	1006.85	1007.03	1007.14	1007.18	1007.02	
	1006.82	1006.59	1006.32	1006.50	1006.65	1006.82	1007.42	1007.79	1008.17	1008.23	1008.07	1008.27	1007.53
25	1008.39	1008.85	1009.57	1010.07	1011.07	1012.08	1013.05	1013.80	1014.41	1014.76	1014.80	1014.93	
	1015.48	1015.74	1015.84	1016.05	1016.11	1016.34	1016.90	1017.33	1017.66	1017.61	1017.55	1017.50	1014.41
26	1017.45	1017.67	1017.68	1017.84	1018.19	1018.63	1018.87	1019.10	1019.07	1019.16	1019.02	1018.76	
	1018.64	1018.50	1018.31	1018.21	1018.10	1018.33	1018.81	1019.43	1019.68	1019.52	1019.47	1019.30	1018.65
27	1019.12	1019.08	1018.99	1018.83	1018.99	1019.26	1019.24	1019.05	1019.02	1018.81	1018.55	1018.38	
	1018.13	1017.73	1017.38	1017.27	1017.18	1017.04	1017.02	1017.23	1017.38	1017.08	1016.90	1016.65	1018.10
28	1016.25	1015.96	1015.61	1015.54	1015.73	1016.08	1016.32	1016.08	1016.02	1016.05	1015.94	1015.63	
	1015.56	1015.44	1015.20	1014.93	1014.63	1014.54	1014.53	1015.10	1015.80	1016.05	1015.64	1015.73	1015.60
29	1015.87	1015.76	1015.45	1015.65	1016.29	1016.61	1017.25	1017.93	1018.53	1018.40	1018.26	1018.12	
	1017.97	1017.98	1017.37	1016.54	1015.84	1015.55	1015.74	1015.96	1016.16	1016.16	1016.13	1015.93	1016.73
30	1015.59	1015.57	1015.35	1015.20	1015.30	1015.57	1015.67	1015.79	1015.99	1016.07	1016.17	1015.69	
	1015.15	1014.69	1014.41	1014.67	1014.45	1014.40	1014.84	1015.55	1015.47	1014.91	1014.67	1014.57	1015.24
MONTHLY AVG	1007.13	1006.95	1006.78	1006.65	1006.78	1007.06	1007.20	1007.12	1007.46	1007.45	1007.31	1007.11	
	1006.94	1006.74	1006.56	1006.55	1006.55	1006.67	1007.15	1007.64	1007.77	1007.74	1007.68	1007.59	1007.11

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - May 2012

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	1014.53	1014.70	1014.37	1014.23	1013.76	1013.82	1013.82	1013.52	1013.33	1013.31	1014.04	1015.11	
	1015.38	1015.00	1014.34	1013.99	1013.97	1014.32	1014.65	1015.15	1015.45	1015.73	1015.97	1015.99	1014.52
2	1015.87	1015.80	1015.65	1015.81	1015.93	1016.15	1016.11	1015.97	1015.89	1015.48	1015.09	1015.04	
	1014.93	1014.38	1013.98	1013.77	1013.41	1013.27	1013.41	1013.77	1013.78	1013.44	1013.29	1012.86	1014.71
3	1012.63	1012.56	1012.28	1012.12	1012.39	1012.87	1013.10	1012.96	1012.83	1012.23	1011.63	1011.13	
	1010.73	1010.43	1010.26	1010.21	1010.02	1010.07	1010.38	1010.72	1011.03	1011.06	1011.15	1010.75	1011.48
4	1010.60	1010.83	1010.91	1010.94	1010.97	1011.18	1011.25	1011.36	1011.27	1011.22	1010.91	1010.91	
	1010.93	1010.76	1010.57	1010.72	1010.82	1011.13	1011.35	1011.72	1011.94	1011.98	1011.73	1011.73	1011.16
5	1011.41	1011.28	1011.17	1011.14	1011.17	1011.49	1011.86	1012.24	1012.40	1012.31	1012.32	1012.36	
	1012.65	1012.57	1012.42	1012.23	1011.89	1012.13	1012.59	1013.37	1013.62	1013.54	1013.15	1012.83	1012.26
6	1012.63	1013.03	1013.40	1012.93	1012.87	1013.54	1013.82	1014.13	1013.90	1014.00	1014.38	1014.29	
	1014.10	1013.78	1013.52	1013.49	1013.22	1013.14	1013.36	1014.09	1015.08	1015.34	1014.50	1014.00	1013.77
7	1013.47	1013.26	1012.81	1012.89	1012.78	1013.07	1013.16	1013.46	1013.90	1014.21	1014.60	1015.03	
	1015.39	1015.31	1015.44	1015.52	1015.55	1015.90	1016.56	1017.24	1017.76	1017.88	1017.94	1017.92	1015.04
8	1017.57	1017.45	1017.40	1017.81	1018.14	1018.46	1018.50	1018.57	1018.63	1018.54	1018.08	1017.85	
	1017.88	1017.56	1017.14	1017.12	1016.99	1017.24	1017.53	1018.01	1018.33	1018.18	1018.25	1018.24	1017.89
9	1018.06	1018.06	1017.86	1017.79	1018.20	1018.49	1018.64	1018.66	1018.74	1018.67	1018.61	1018.37	
	1018.25	1018.32	1018.35	1018.24	1018.24	1018.43	1018.76	1019.24	1019.60	1019.94	1020.11	1020.18	1018.66
10	1020.08	1020.18	1020.29	1020.38	1020.58	1021.02	1021.46	1021.71	1021.79	1021.73	1021.65	1021.60	
	1021.40	1021.11	1021.05	1020.82	1020.72	1020.95	1021.34	1021.76	1022.00	1022.00	1022.01	1021.80	1021.23
11	1021.68	1021.67	1021.46	1021.46	1021.85			1022.43	1022.37	1022.28	1022.15	1021.87	
	1021.66	1021.33	1021.15	1021.31	1021.19	1021.07	1021.24	1021.56	1021.68	1021.65	1021.70	1021.40	1021.64
12	1020.93	1020.61	1020.35	1020.03	1019.94	1020.02	1020.13	1020.12	1019.63	1019.10	1018.57	1018.09	
	1017.80	1017.44	1016.88	1016.37	1015.89	1015.76	1015.84	1015.61	1015.58	1015.38	1015.35	1014.89	1017.93
13	1013.99	1013.68	1013.28	1012.72	1012.52	1012.50	1012.08	1011.95	1011.62	1011.29	1010.50	1009.96	
	1009.60	1009.06	1008.97	1008.28	1008.06	1008.18	1008.01	1008.35	1008.67	1008.19	1007.84	1007.82	1010.30
14	1007.42	1006.82	1006.39	1006.14	1006.48	1006.72	1006.98	1007.21	1007.51	1007.40	1007.23	1007.21	
	1007.34	1007.28	1007.49	1007.60	1007.87	1008.47	1009.14	1009.64	1010.04	1010.20	1010.29	1010.12	1007.87
15	1009.87	1010.08	1010.16	1009.96	1010.44	1010.57	1010.49	1010.57	1010.61	1010.58	1010.30	1010.30	
	1010.10	1009.71	1009.62	1009.66	1009.92	1010.01	1010.22	1010.34	1010.31	1010.12	1009.82	1009.08	1010.12
16	1008.27	1008.01	1007.51	1007.18	1007.06	1007.06	1007.09	1007.00	1007.26	1007.47	1007.71	1008.27	
	1008.25	1008.04	1007.80	1008.50	1009.23	1010.01	1011.06	1011.89	1012.68	1013.15	1013.64	1013.80	1009.08
17	1013.84	1013.68	1013.74	1013.75	1014.04	1014.37	1014.72	1014.96	1014.93	1015.00	1015.02	1014.59	
	1014.35	1014.04	1013.56	1013.33	1013.24	1013.54	1013.89	1014.39	1014.79	1014.93	1015.35	1015.22	1014.30
18	1015.13	1015.11	1014.87	1014.74	1015.06	1015.41	1015.92	1016.23	1015.65	1014.95	1014.24	1014.48	
	1014.69	1015.04	1014.86	1014.62	1014.35	1014.06	1014.07	1014.46	1015.04	1015.15	1015.09	1015.04	1014.93
19	1014.69	1014.37	1014.12	1014.32	1014.90	1015.29	1015.39	1014.94	1014.33	1014.28	1014.14	1014.15	
	1014.24	1013.98	1013.39	1013.07	1013.46	1013.37	1013.75	1014.12	1014.45	1014.16	1013.63	1013.27	1014.16
20	1012.79	1012.45	1012.27	1011.96	1012.11	1012.34	1012.13	1012.41	1012.20	1011.43	1011.51	1011.51	
	1011.53	1011.22	1010.00	1007.63	1006.36	1006.23	1006.26	1005.61	1005.18	1003.96	1004.13	1004.54	1009.49
21	1004.19	1003.33	1001.54	1001.17	1001.41	1001.45	1001.70	1002.26	1003.29	1004.06	1004.63	1004.73	
	1004.46	1004.50	1004.75	1004.84	1004.97	1005.19	1005.41	1006.24	1006.65	1006.39	1006.47	1006.25	1004.16
22	1005.94	1005.80	1005.68	1005.39	1005.40	1005.47	1005.51	1005.33	1005.57	1005.70	1005.96	1006.12	
	1006.22	1006.61	1006.98	1007.15	1007.31	1007.74	1008.53	1009.23	1009.57	1009.96	1010.06	1009.95	1006.97
23	1009.80	1009.82	1009.91	1010.26	1010.74	1011.08	1011.34	1011.42	1011.63	1011.92	1011.76	1011.58	
	1011.62	1011.67	1011.88	1011.96	1012.09	1012.26	1012.39	1013.05	1013.28	1013.40	1013.15	1012.82	1011.70
24	1012.41	1012.23	1012.11	1012.02	1012.34	1012.36	1012.42	1012.26	1012.28	1012.35	1012.33	1012.14	
	1012.17	1012.12	1011.98	1011.73	1011.57	1011.64	1012.16	1012.81	1013.12	1013.04	1013.02	1012.85	1012.31
25	1012.70	1012.49	1012.31	1012.42	1012.57	1012.72	1012.85	1012.73	1012.65	1012.45	1012.16	1011.93	
	1011.87	1011.60	1011.52	1011.55	1011.80	1012.35	1012.70	1013.04	1013.36	1013.73	1013.67	1013.63	1012.53
26	1013.45	1013.33	1013.22	1013.42	1013.76	1013.98	1014.11	1013.95	1013.90	1013.70	1013.61	1013.67	
	1013.54	1013.25	1013.27	1014.04	1014.45	1014.60	1014.64	1014.97	1015.42	1015.80	1015.72	1015.52	1014.14
27	1015.54	1015.30	1014.97	1014.81	1014.71	1014.93	1015.27	1015.11	1015.04	1014.83	1014.55	1014.48	
	1014.17	1013.66	1013.46	1013.16	1012.90	1012.84	1013.27	1013.65	1013.92	1013.93	1013.72	1013.51	1014.24
28	1013.30	1013.28	1013.08	1013.28	1013.49	1013.69	1013.92	1014.13	1014.28	1014.93	1015.11	1014.52	
	1013.85	1013.45	1013.30	1013.06	1012.87	1012.82	1013.10	1013.56	1014.03	1014.16	1013.97	1013.74	1013.70
29	1013.47	1013.22	1012.97	1012.97	1013.17	1013.25	1013.39	1013.30	1013.20	1013.08	1012.82	1012.68	
	1012.66	1012.48	1012.33	1012.13	1012.29	1012.71	1013.31	1013.75	1013.99	1014.29	1014.62	1014.62	1013.20
30	1014.51	1014.76	1014.86	1015.37	1015.71	1016.26	1016.45	1016.49	1016.54	1016.69	1016.48	1016.32	
	1016.25	1016.29	1016.35	1016.35	1016.62	1016.98	1017.37	1017.82	1018.35	1018.69	1018.71	1018.55	1016.61
31	1018.19	1017.92	1018.07	1018.26	1018.52	1018.77	1019.09	1018.84	1018.70	1018.66	1018.57	1018.45	
	1018.00	1017.48	1017.29	1017.19	1017.43	1017.44	1017.34	1017.76	1018.03	1017.68	1017.56	1017.09	1018.01
MONTHLY AVG	1013.51	1013.39	1013.19	1013.15	1013.32	1013.56	1013.42	1013.75	1013.74	1013.67	1013.57	1013.51	
	1013.42	1013.21	1013.03	1012.89	1012.86	1013.03	1013.34	1013.77	1014.09	1014.10	1014.05	1013.87	1013.49

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

Pressure in hectoPascal - June 2012

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
1	1016.82	1016.61	1016.38	1016.38	1016.52	1016.43	1016.25	1016.12	1016.15	1015.95	1015.82	1015.69	
	1015.58	1015.23	1015.00	1015.11	1015.15	1015.21	1015.40	1015.68	1015.81	1015.80	1015.72	1015.76	1015.86
2	1015.48	1015.47	1015.46	1015.69	1015.90	1016.01	1016.17	1016.18	1016.38	1016.50	1016.63	1016.33	
	1016.16	1016.08	1015.81	1015.64	1015.68	1016.05	1016.34	1016.65	1016.88	1016.98	1017.16	1016.94	1016.19
3	1016.78	1016.43	1016.44	1016.54	1016.73	1016.99	1017.06	1016.77	1016.61	1016.55	1016.48	1016.41	
	1016.10	1015.66	1015.22	1014.58	1014.31	1014.19	1014.13	1014.23	1014.26	1014.21	1013.98	1013.33	1015.58
4	1012.57	1011.94	1011.44	1011.30	1011.17	1010.96	1010.49	1010.11	1010.05	1009.97	1009.84	1009.54	
	1009.12	1009.06	1008.94	1008.83	1008.79	1008.76	1008.78	1009.23	1009.43	1009.17	1008.84	1008.80	1009.88
5	1008.75	1008.81	1008.96	1009.36	1009.59	1009.96	1010.31	1010.40	1010.52	1010.67	1010.72	1010.69	
	1010.55	1010.39	1010.55	1010.63	1010.74	1011.12	1011.50	1012.14	1012.66	1012.77	1012.79	1012.59	1010.72
6	1012.59	1012.35	1012.53	1013.18	1013.52	1013.73	1013.82	1013.86	1013.81	1013.98	1014.16	1014.02	
	1013.95	1013.70	1013.61	1013.50	1013.62	1013.80	1014.03	1014.28	1014.50	1014.46	1014.28	1014.11	1013.73
7	1014.00	1013.86	1013.95	1013.94	1014.04	1014.26	1014.44	1014.55	1014.33	1014.13	1013.72	1013.48	
	1013.41	1013.27	1013.05	1012.84	1012.76	1012.65	1012.88	1013.04	1013.31	1013.36	1013.11	1012.64	1013.54
8	1012.52	1012.50	1012.13	1013.44	1014.67	1014.22	1013.25	1012.94	1012.75	1012.42	1012.43	1012.19	
	1012.42	1012.51	1012.36	1012.43	1012.25	1011.86	1011.60	1011.35	1011.40	1012.29	1012.81	1012.53	1012.55
9	1012.17	1011.73	1011.69	1011.86	1012.13	1012.15	1012.43	1010.92	1013.11	1013.21	1010.66	1012.01	
	1012.58	1012.59	1012.26	1012.17	1012.19	1012.09	1012.34	1012.73	1012.87	1012.91	1012.69	1012.26	1012.24
10	1012.39	1012.36	1012.44	1012.59	1012.70	1012.63	1012.66	1012.33	1012.37	1012.06	1011.84	1011.42	
	1011.18	1010.94	1010.68	1010.58	1010.63	1010.66	1010.89	1011.03	1011.10	1010.87	1010.70	1010.42	1011.56
11	1009.97	1009.58	1009.27	1009.22	1009.26	1009.12	1009.12	1008.93	1008.64	1008.59	1008.26	1008.08	
	1008.12	1007.86	1007.59	1007.34	1007.31	1007.19	1006.97	1006.89	1006.71	1006.21	1005.61	1005.46	1007.97
12	1005.27	1004.98	1004.73	1004.79	1005.31	1005.21	1005.28	1005.30	1005.29	1005.50	1005.74	1006.10	
	1006.14	1006.56	1006.95	1007.07	1007.25	1007.71	1008.30	1008.76	1009.27	1009.33	1009.55	1009.59	1006.67
13	1009.61	1009.97	1010.06	1010.31	1010.72	1011.17	1011.67	1011.95	1012.36	1013.00	1013.49	1013.75	
	1013.85	1013.84	1013.75	1014.06	1014.03	1014.24	1014.69	1015.06	1015.45	1015.81	1016.04	1016.09	1013.12
14	1016.31	1016.63	1016.70	1016.57	1016.98	1017.13	1017.09	1017.15	1017.03	1016.98	1016.98	1016.98	
	1017.05	1017.14	1017.15	1017.05	1017.16	1017.25	1017.40	1017.75	1018.02	1018.24	1018.47	1018.58	1017.24
15	1018.28	1018.13	1018.01	1018.25	1018.75	1019.12	1019.09	1019.22	1019.11	1018.85	1018.88	1018.71	
	1018.74	1018.58	1018.37	1018.26	1018.34	1018.54	1018.70	1018.82	1018.89	1018.77	1018.44	1018.39	1018.63
16	1018.22	1017.99	1017.92	1018.07	1018.39	1018.55	1018.64	1018.73	1018.53	1018.23	1017.79	1017.44	
	1017.62	1017.59	1017.56	1017.45	1017.32	1017.35	1017.38	1017.41	1017.54	1017.37	1017.14	1016.89	1017.79
17	1016.66	1016.38	1016.32	1016.38	1016.51	1016.66	1016.84	1016.68	1016.65	1016.71	1016.49	1016.22	
	1015.93	1015.83	1015.61	1015.30	1015.33	1015.42	1015.59	1015.82	1016.10	1016.05	1015.92	1015.63	1016.13
18	1015.38	1015.16	1014.84	1014.77	1015.02	1015.26	1015.63	1015.69	1015.49	1015.46	1015.18	1014.78	
	1014.66	1014.41	1013.80	1013.45	1013.60	1013.95	1014.41	1014.70	1014.93	1014.96	1015.31	1015.15	1014.83
19	1014.64	1014.31	1014.08	1013.97	1014.07	1014.31	1014.43	1014.40	1014.53	1014.46	1014.29	1014.42	
	1014.48	1014.06	1014.09	1013.88	1013.42	1013.64	1013.65	1013.99	1014.43	1014.21	1013.83	1013.67	1014.14
20	1013.71	1013.40	1013.35	1013.22	1013.39	1013.91	1014.29	1014.28	1014.01	1013.56	1012.96	1012.38	
	1011.77	1011.55	1011.63	1011.39	1010.84	1011.36	1011.79	1012.04	1012.12	1011.67	1011.16	1010.75	1012.52
21	1010.25	1010.01	1010.01	1010.28	1010.16	1010.23	1010.40	1010.24	1010.20	1010.19	1010.30	1010.44	
	1010.39	1010.37	1010.17	1009.83	1009.88	1010.07	1010.19	1010.56	1011.08	1011.61	1011.90	1011.77	1010.44
22	1011.63	1011.72	1011.73	1012.10	1012.35	1012.66	1012.99	1013.18	1013.39	1013.30	1013.16	1012.90	
	1012.94	1012.85	1012.79	1012.79	1012.79	1013.02	1013.31	1013.81	1014.24	1014.52	1014.62	1014.93	1013.07
23	1015.11	1015.27	1015.32	1015.77	1016.10	1016.38	1016.54	1016.57	1016.62	1016.46	1016.26	1016.02	
	1016.02	1016.13	1015.98	1015.77	1015.87	1016.06	1016.19	1016.56	1016.78	1016.74	1016.69	1016.66	1016.16
24	1016.58	1016.59	1016.54	1016.52	1016.41	1016.26	1016.31	1016.32	1016.17	1015.95	1015.64	1015.36	
	1014.91	1014.70	1014.41	1014.10	1013.71	1013.62	1013.66	1013.91	1014.15	1014.15	1013.92	1013.67	1015.15
25	1013.35	1012.94	1012.70	1012.53	1012.39	1012.64	1012.67	1012.52	1012.41	1012.59	1012.18	1012.00	
	1011.76	1011.47	1011.18	1010.87	1010.67	1010.76	1010.83	1011.12	1011.53	1011.60	1011.62	1011.45	1011.91
26	1011.26	1011.52	1011.66	1011.80	1012.23	1012.47	1012.80	1013.05	1013.21	1013.03	1012.87	1012.71	
	1012.71	1012.85	1012.97	1012.82	1013.03	1013.43	1013.77	1014.16	1014.58	1014.57	1014.67	1014.49	1013.03
27	1014.34	1014.50	1014.50	1014.60	1015.01	1015.17	1015.30	1015.29	1015.27	1015.51	1015.59	1015.32	
	1014.94	1014.75	1014.36	1014.21	1014.02	1014.28	1014.35	1014.51	1014.72	1014.74	1014.64	1014.31	1014.76
28	1014.15	1013.91	1013.57	1013.59	1013.68	1013.82	1013.92	1013.85	1013.77	1013.63	1013.51	1013.52	
	1013.16	1013.13	1012.98	1012.69	1012.55	1012.98	1013.14	1013.41	1013.82	1013.96	1014.07	1013.87	1013.53
29	1013.61	1013.30	1013.07	1013.13	1013.57	1013.91	1014.15	1014.25	1014.29	1014.33	1014.31	1014.03	
	1013.82	1013.75	1013.63	1013.41	1013.37	1013.56	1013.88	1014.45	1014.84	1015.04	1014.98	1014.70	1013.97
30	1014.58	1014.33	1014.37	1014.54	1014.90	1015.15	1015.40	1015.25	1015.02	1015.07	1014.94	1014.77	
	1014.70	1014.64	1014.29	1014.29	1014.18	1014.24	1014.26	1014.42	1014.59	1014.41	1014.16	1014.00	1014.60
MONTHLY	1013.57	1013.42	1013.34	1013.49	1013.74	1013.88	1013.98	1013.90	1013.94	1013.89	1013.70	1013.59	
AVG	1013.49	1013.38	1013.22	1013.08	1013.03	1013.17	1013.34	1013.62	1013.87	1013.89	1013.83	1013.65	1013.58

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - July 2012

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	1013.67	1013.46	1013.27	1013.41	1013.69	1014.09	1014.16	1013.82	1013.50	1013.34	1013.20	1013.00	
	1012.83	1012.46	1012.03	1011.69	1011.73	1011.97	1012.20	1012.77	1013.10	1013.31	1013.18	1012.85	1013.03
2	1012.55	1012.74	1012.86	1012.86	1012.93	1013.17	1013.67	1013.83	1013.86	1013.65	1013.24	1013.15	
	1013.15	1013.22	1013.07	1012.78	1012.79	1012.87	1013.39	1014.09	1014.53	1014.68	1014.57	1014.23	1013.41
3	1013.97	1013.83	1013.77	1013.86	1013.96	1014.09	1014.32	1014.17	1014.17	1013.94	1013.69	1013.54	
	1013.30	1013.18	1012.86	1012.58	1012.39	1012.38	1012.48	1012.82	1012.96	1012.90	1012.75	1012.45	1013.35
4	1012.21	1011.93	1011.72	1011.75	1011.77	1011.66	1011.47	1011.43	1011.28	1011.20	1010.98	1010.86	
	1010.62	1010.45	1010.19	1009.93	1009.77	1010.04	1010.38	1010.41	1010.67	1010.48	1010.34	1010.22	1010.91
5	1010.21	1010.09	1009.80	1009.68	1009.67	1010.02	1010.27	1010.06	1010.21	1010.05	1009.92	1009.73	
	1009.72	1009.72	1009.41	1009.29	1009.45	1009.41	1009.37	1009.55	1009.73	1009.98	1010.33	1010.26	1009.83
6	1010.11	1009.65	1009.55	1009.76	1010.25	1010.52	1010.63	1010.63	1010.73	1010.84	1010.86	1010.94	
	1010.89	1010.97	1010.93	1010.94	1010.90	1010.98	1011.13	1011.70	1012.51	1012.55	1012.47	1012.57	1010.97
7	1012.61	1012.54	1012.60	1012.62	1012.67	1012.81	1013.02	1012.94	1012.96	1012.88	1013.04	1013.09	
	1012.83	1012.79	1012.43	1012.17	1012.07	1011.94	1012.22	1012.50	1012.75	1012.81	1012.73	1012.82	1012.66
8	1012.88	1012.98	1012.58	1012.43	1012.46	1012.61	1012.60	1012.67	1012.42	1012.21	1012.19	1012.48	
	1012.24	1011.98	1012.02	1012.07	1011.83	1011.61	1011.62	1011.92	1012.37	1012.27	1012.30	1012.26	1012.29
9	1012.12	1012.05	1011.75	1011.44	1011.45	1011.28	1011.12	1011.27	1011.31	1011.59	1011.69	1011.98	
	1011.96	1011.48	1011.28	1011.19	1010.81	1010.66	1010.60	1010.84	1011.33	1011.72	1011.79	1011.79	1011.44
10	1011.75	1011.59	1011.22	1011.32	1011.35	1011.67	1011.80	1011.90	1012.13	1012.42	1012.45	1012.16	
	1012.00	1011.87	1011.93	1011.94	1011.89	1012.01	1012.29	1012.69	1013.13	1013.32	1013.57	1013.28	1012.15
11	1013.23	1013.24	1013.43	1013.86	1014.33	1014.37	1014.38	1014.48	1014.31	1013.99	1014.02	1014.33	
	1014.23	1013.81	1013.13	1012.83	1012.82	1013.12	1013.22	1013.54	1013.90	1013.90	1013.81	1013.19	1013.73
12	1012.56	1012.23	1012.53	1013.22	1013.60	1013.46	1012.96	1012.79	1012.72	1012.89	1012.84	1012.40	
	1012.41	1011.88	1011.66	1011.80	1011.87	1012.01	1012.35	1012.95	1013.18	1013.13	1013.05	1012.94	1012.64
13	1012.69	1011.88	1011.41	1011.29	1011.49	1011.65	1011.63	1011.70	1011.54	1011.58	1011.59	1011.23	
	1011.29	1010.96	1010.92	1010.80	1010.59	1010.91	1011.14	1011.34	1011.89	1012.19	1012.16	1012.23	1011.50
14	1012.12	1011.94	1011.74	1011.76	1011.98	1012.08	1012.17	1012.14	1011.73	1011.91	1011.93	1011.69	
	1011.63	1011.46	1011.38	1011.18	1011.34	1011.20	1010.21	1009.96	1010.02	1010.44	1010.91	1010.64	1011.40
15	1010.55	1010.16	1009.74	1009.36	1009.85	1010.24	1010.11	1010.49	1010.78	1011.13	1011.10	1011.22	
	1011.35	1011.49	1011.46	1011.43	1011.46	1011.53	1011.94	1012.50	1012.87	1013.27	1013.56	1013.68	1011.30
16	1013.77	1013.80	1013.81	1014.21	1014.50	1015.10	1015.62	1015.75	1015.78	1015.75	1015.57	1015.33	
	1015.33	1015.32	1015.39	1015.40	1015.36	1015.60	1016.05	1016.67	1017.10	1017.53	1017.95	1018.18	1015.62
17	1018.07	1017.88	1017.76	1017.93	1018.07	1018.33	1018.62	1018.68	1018.36	1018.07	1017.59	1017.21	
	1016.81	1016.47	1016.13	1015.58	1015.23	1015.05	1015.11	1015.47	1015.94	1016.24	1016.45	1016.43	1016.98
18	1016.28	1015.95	1015.94	1016.05	1016.43	1016.74	1016.99	1017.16	1017.13	1017.01	1016.79	1016.50	
	1016.10	1015.63	1015.51	1015.26	1015.10	1015.17	1015.30	1015.58	1015.99	1016.12	1016.10	1015.82	1016.11
19	1015.39	1014.88	1014.61	1014.70	1014.73	1014.80	1015.01	1015.11	1014.97	1014.74	1014.31	1013.90	
	1013.59	1013.25	1012.94	1012.58	1012.29	1012.29	1012.34	1012.82	1013.15	1013.25	1013.27	1013.19	1013.84
20	1012.90	1012.70	1012.79	1012.94	1013.07	1013.29	1013.58	1013.68	1013.65	1013.58	1013.28	1013.19	
	1013.23	1013.06	1012.74	1012.44	1012.10	1012.16	1012.28	1012.58	1012.82	1012.93	1012.88	1012.57	1012.94
21	1012.14	1011.83	1011.72	1011.74	1011.89	1012.01	1012.04	1011.71	1011.52	1011.38	1011.30	1011.16	
	1011.12	1011.12	1010.90	1010.60	1010.50	1010.72	1011.06	1011.29	1011.63	1011.88	1012.00	1011.80	1011.46
22	1011.27	1010.84	1010.39	1010.24	1010.26	1010.31	1010.11	1010.05	1010.05	1009.95	1009.68	1009.11	
	1008.71	1008.19	1007.91	1007.91	1007.59	1007.80	1007.88	1008.08	1008.22	1008.50	1008.41	1008.23	1009.15
23	1008.26	1007.45	1007.56	1007.54	1007.87	1008.37	1008.62	1008.81	1008.58	1008.86	1009.09	1008.32	
	1008.51	1008.55	1008.21	1008.09	1008.24	1009.32	1010.18	1010.49	1010.99	1010.86	1010.47	1009.93	1008.88
24	1009.64	1009.63	1009.39	1009.25	1009.27	1009.60	1009.63	1009.68	1009.71	1009.70	1009.72	1009.37	
	1009.10	1009.01	1008.89	1008.95	1009.62	1010.07	1010.53	1011.03	1011.04	1011.32	1011.64	1011.62	1009.89
25	1011.36	1011.26	1011.42	1011.60	1011.77	1012.25	1012.50	1012.46	1012.52	1012.42	1012.30	1012.09	
	1012.08	1012.02	1012.12	1012.35	1012.73	1013.17	1013.72	1014.31	1014.52	1014.44	1014.55	1014.60	1012.69
26	1014.50	1014.37	1014.30	1014.33	1014.82	1015.12	1015.30	1015.40	1015.38	1015.26	1015.03	1014.80	
	1014.47	1014.04	1013.69	1013.39	1013.18	1013.18	1013.53	1013.93	1013.99	1014.19	1014.26	1014.12	1014.36
27	1013.91	1013.63	1013.58	1013.51	1013.81	1014.19	1014.51	1014.42	1014.01	1013.59	1012.95	1012.45	
	1012.01	1011.94	1011.62	1011.26	1010.91	1010.99	1011.55	1012.12	1012.19	1012.02	1011.93	1011.62	1012.70
28	1011.21	1011.13	1011.23	1011.61	1012.00	1012.02	1012.07	1012.10	1012.06	1011.25	1010.59	1010.56	
	1011.09	1010.93	1010.96	1010.90	1010.80	1011.01	1010.98	1011.02	1011.03	1011.04	1010.74	1010.47	1011.20
29	1010.39	1010.66	1010.44	1010.33	1010.69	1010.40	1010.35	1010.32	1010.18	1010.51	1010.44	1010.72	
	1010.79	1010.47	1010.31	1010.49	1010.65	1011.04	1011.51	1012.07	1012.56	1012.79	1012.97	1012.98	1011.00
30	1012.82	1012.84	1012.84	1013.04	1013.18	1013.26	1013.50	1013.69	1013.56	1013.21	1012.73	1012.49	
	1012.34	1011.83	1011.44	1011.47	1011.59	1011.93	1012.31	1012.98	1013.26	1013.45	1013.37	1013.24	1012.76
31	1013.03	1013.09	1013.02	1012.97	1013.14	1013.26	1013.42	1013.32	1013.25	1012.88	1012.43	1012.14	
	1011.87	1011.53	1011.09	1010.78	1010.71	1010.68	1010.89	1011.39	1011.59	1011.78	1011.49	1011.39	1012.13
MONTHLY AVG	1012.52	1012.33	1012.22	1012.28	1012.48	1012.67	1012.78	1012.80	1012.72	1012.64	1012.47	1012.29	
	1012.18	1011.97	1011.76	1011.62	1011.56	1011.70	1011.93	1012.30	1012.61	1012.75	1012.77	1012.63	1012.33

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - August 2012

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	1011.32	1011.26	1011.39	1011.73	1011.86	1012.15	1012.33	1012.31	1012.23	1012.20	1011.88	1011.75	
	1011.52	1011.26	1011.13	1010.94	1010.71	1010.86	1011.09	1011.60	1011.85	1012.04	1012.31	1012.21	1011.66
2	1012.24	1012.15	1012.04	1012.08	1012.44	1012.62	1012.89	1012.84	1012.91	1013.09	1013.15	1012.91	
	1012.72	1012.56	1012.53	1012.55	1012.38	1012.63	1013.00	1013.51	1013.71	1013.77	1013.83	1013.98	1012.86
3	1013.88	1013.70	1013.40	1013.38	1013.53	1013.58	1013.72	1013.75	1013.71	1013.69	1013.40	1013.19	
	1012.90	1012.77	1012.61	1012.47	1012.36	1012.48	1012.74	1013.20	1013.27	1013.36	1013.29	1013.15	1013.23
4	1012.79	1012.45	1012.41	1012.61	1012.69	1012.74	1012.85	1012.74	1012.64	1012.41	1012.19	1011.97	
	1011.85	1011.58	1011.28	1011.07	1010.72	1010.76	1011.03	1011.20	1011.06	1011.06	1011.21	1011.16	1011.85
5	1011.11	1010.98	1010.80	1010.65	1010.66	1010.69	1010.80	1011.05	1011.47	1011.35	1011.36	1011.52	
	1011.27	1011.01	1011.09	1011.02	1010.91	1010.90	1011.24	1011.75	1011.95	1012.23	1012.40	1012.53	1011.28
6	1012.79	1013.15	1013.06	1012.97	1013.12	1013.34	1013.79	1014.08	1014.47	1014.56	1014.47	1014.38	
	1014.13	1014.56	1014.97	1015.11	1014.66	1014.66	1014.36	1014.36	1014.53	1015.19	1015.29	1015.88	1014.25
7	1016.14	1015.66	1015.69	1015.67	1015.92	1016.15	1016.16	1016.05	1016.08	1015.97	1015.70	1015.41	
	1015.37	1015.37	1015.38	1015.25	1015.18	1015.07	1015.22	1015.78	1015.97	1015.85	1015.79	1015.63	1015.69
8	1015.44	1015.22	1015.02	1015.23	1015.70	1016.08	1016.17	1016.28	1016.31	1015.95	1015.71	1015.37	
	1014.89	1014.40	1013.83	1013.62	1013.85	1014.29	1014.66	1014.92	1014.97	1014.97	1015.09	1014.88	1015.12
9	1014.71	1014.57	1014.35	1014.40	1014.65	1014.98	1015.12	1015.15	1015.23	1015.19	1014.70	1014.44	
	1014.01	1013.65	1013.52	1013.14	1012.82	1012.82	1013.27	1013.76	1013.82	1013.70	1013.56	1013.39	1014.12
10	1013.19	1013.26	1013.25	1013.11	1013.34	1013.60	1013.80	1013.90	1013.73	1013.42	1012.83	1012.22	
	1011.93	1011.42	1011.32	1011.15	1010.96	1011.63	1011.83	1012.26	1012.59	1012.83	1012.65	1012.42	1012.61
11	1012.22	1012.05	1011.93	1011.85	1011.97	1012.05	1012.32	1012.26	1012.20	1011.97	1011.59	1011.05	
	1010.64	1010.52	1010.27	1009.91	1009.50	1009.50	1010.18	1010.73	1011.13	1011.17	1011.36	1011.48	1011.24
12	1011.54	1011.70	1011.73	1011.87	1011.97	1012.26	1012.70	1012.77	1012.61	1012.33	1012.11	1011.98	
	1012.09	1012.11	1011.77	1011.64	1011.38	1011.45	1011.21	1011.47	1011.44	1011.54	1011.54	1011.14	1011.85
13	1010.68	1010.35	1010.04	1009.99	1009.98	1009.80	1010.13	1010.19	1010.07	1009.80	1009.68	1009.45	
	1009.06	1008.50	1008.45	1008.87	1009.11	1009.05	1009.35	1009.98	1010.22	1010.51	1010.70	1010.67	1009.78
14	1010.43	1010.47	1010.24	1010.06	1010.42	1010.79	1010.79	1010.76	1010.97	1011.15	1010.92	1010.41	
	1010.06	1010.04	1010.09	1010.21	1010.27	1010.81	1011.41	1011.98	1012.22	1012.33	1012.35	1012.22	1010.89
15	1012.19	1012.03	1011.82	1011.85	1012.21	1012.50	1012.84	1013.01	1013.15	1013.02	1012.60	1012.33	
	1012.45	1012.40	1012.37	1012.29	1012.21	1012.49	1012.94	1013.33	1013.56	1013.94	1014.24	1014.19	1012.75
16	1013.78	1013.64	1013.72	1013.77	1014.09	1014.27	1014.41	1014.58	1014.46	1014.39	1014.29	1014.18	
	1014.05	1013.86	1013.58	1013.35	1013.22	1013.29	1013.74	1014.09	1014.19	1014.31	1014.51	1014.34	1014.00
17	1014.01	1013.97	1013.95	1013.88	1013.87	1014.00	1014.16	1014.40	1014.64	1014.40	1014.00	1013.55	
	1013.50	1013.50	1013.36	1013.19	1013.12	1013.37	1013.74	1014.33	1014.67	1014.73	1014.78	1014.70	1013.99
18	1014.60	1014.56	1014.58	1014.73	1015.09	1015.48	1015.70	1015.81	1015.94	1015.74	1015.31	1015.03	
	1014.82	1014.74	1014.75	1014.91	1015.05	1015.29	1015.70	1016.21	1016.44	1016.71	1016.83	1016.82	1015.45
19	1016.82	1016.85	1016.89	1017.01	1017.36	1017.87	1018.25	1018.30	1018.40	1018.34	1018.13	1017.91	
	1017.75	1017.40	1017.13	1016.93	1017.00	1017.35	1017.75	1018.17	1018.29	1018.32	1018.28	1018.06	1017.69
20	1017.88	1017.84	1017.70	1017.65	1017.90	1018.25	1018.58	1018.68	1018.77	1018.52	1018.04	1017.69	
	1017.38	1017.10	1017.13	1016.93	1016.62	1016.59	1016.91	1017.52	1017.60	1017.50	1017.49	1017.30	1017.65
21	1016.97	1016.86	1016.49	1016.32	1016.43	1016.47	1016.61	1016.66	1016.55	1016.29	1015.79	1015.55	
	1015.23	1014.73	1014.45	1014.33	1014.13	1014.31	1014.66	1015.29	1015.59	1015.64	1015.86	1015.64	1015.70
22	1015.48	1015.24	1014.99	1014.88	1014.91	1015.27	1015.60	1015.72	1015.93	1015.69	1015.31	1015.15	
	1014.89	1014.54	1014.31	1014.20	1014.15	1014.42	1015.02	1015.47	1015.54	1015.45	1015.47	1015.22	1015.12
23	1014.93	1014.84	1014.60	1014.38	1014.53	1014.57	1014.70	1014.62	1014.52	1014.39	1014.07	1013.78	
	1013.56	1013.38	1013.20	1013.18	1013.01	1013.06	1013.33	1013.64	1013.60	1013.51	1013.31	1013.08	1013.91
24	1012.84	1012.73	1012.49	1012.40	1012.53	1012.83	1013.01	1013.26	1013.50	1013.46	1013.30	1013.04	
	1012.65	1012.43	1012.13	1012.09	1012.05	1012.06	1012.22	1012.49	1012.65	1013.01	1013.21	1013.27	1012.74
25	1013.19	1012.87	1012.49	1012.23	1012.31	1012.49	1012.93	1013.01	1013.10	1013.11	1012.88	1012.73	
	1012.43	1012.01	1011.56	1011.24	1011.10	1011.11	1011.24	1011.61	1011.73	1011.56	1011.63	1011.50	1012.17
26	1011.18	1010.73	1010.44	1010.33	1009.91	1009.98	1009.77	1010.17	1010.14	1009.74	1009.56	1009.00	
	1008.94	1008.77	1008.33	1008.34	1008.46	1008.97	1009.57	1010.31	1010.77	1011.46	1011.93	1012.02	1009.94
27	1012.12	1012.55	1012.67	1012.98	1013.48	1014.19	1014.63	1014.84	1015.12	1014.91	1014.61	1014.50	
	1014.31	1013.95	1013.70	1013.67	1013.76	1014.30	1015.20	1015.91	1016.07	1016.32	1016.53	1016.77	1014.46
28	1016.80	1016.86	1016.91	1017.04	1017.63	1018.21	1018.39	1018.66	1018.79	1018.56	1018.03	1017.97	
	1017.76	1017.30	1017.02	1016.93	1016.51	1016.64	1017.06	1017.61	1017.61	1017.46	1017.44	1017.35	1017.52
29	1016.96	1016.90	1017.03	1017.07	1017.25	1017.63	1017.66	1017.77	1017.86	1017.68	1017.22	1017.04	
	1016.80	1016.42	1016.20	1015.87	1015.99	1016.17	1016.84	1017.36	1017.25	1017.24	1017.15	1016.90	1017.01
30	1016.39	1016.19	1015.98	1016.06	1016.27	1016.49	1016.62	1016.85	1016.65	1016.09	1015.58	1015.46	
	1015.20	1014.71	1014.43	1014.38	1014.24	1014.24	1014.62	1014.74	1014.67	1014.64	1014.29	1013.87	1015.36
31	1013.21	1012.85	1012.73	1012.57	1012.42	1012.39	1012.37	1012.08	1011.75	1011.23	1010.53	1010.73	
	1010.88	1010.84	1010.58	1010.55	1010.53	1010.73	1011.13	1011.38	1011.59	1011.88	1012.30	1012.26	1011.65
MONTHLY AVG	1013.80	1013.69	1013.57	1013.57	1013.76	1013.98	1014.19	1014.28	1014.32	1014.15	1013.84	1013.60	
	1013.39	1013.16	1012.98	1012.88	1012.77	1012.94	1013.30	1013.74	1013.89	1014.01	1014.08	1014.00	1013.66

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - September 2012

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	1011.86	1011.73	1011.60	1011.78	1011.95	1012.22	1012.47	1012.78	1013.09	1013.44	1013.67	1013.93	
	1014.10	1014.07	1013.94	1013.82	1013.97	1013.89	1014.45	1014.76	1015.02	1015.39	1015.46	1015.08	1013.52
2	1014.76	1014.91	1014.78	1014.81	1015.25	1015.64	1016.05	1016.40	1016.34	1016.30	1016.53	1016.75	
	1016.11	1015.59	1015.38	1015.43	1014.57	1013.95	1013.52	1013.88	1014.06	1013.62	1013.64	1012.98	1015.05
3	1012.99	1012.88	1012.70	1012.55	1012.06	1012.06	1012.08	1011.88	1012.13	1012.46	1012.48	1012.92	
	1012.91	1012.61	1012.12	1011.83	1011.61	1011.73	1012.28	1012.53	1012.32	1012.15	1011.71	1011.28	1012.26
4	1011.37	1011.23	1010.45	1009.89	1010.27	1010.17	1009.79	1010.04	1010.57	1010.70	1010.13	1009.83	
	1009.99	1010.26	1009.91	1009.39	1009.14	1009.23	1009.95	1010.25	1010.33	1010.65	1010.69	1010.40	1010.19
5	1010.43	1010.06	1009.81	1009.98	1010.14	1010.19	1010.58	1010.93	1010.88	1011.14	1011.15	1011.29	
	1011.22	1010.97	1010.67	1010.85	1010.79	1010.87	1011.37	1011.65	1012.21	1012.48	1012.35	1012.41	1011.02
6	1012.21	1012.32	1012.09	1012.21	1012.55	1013.14	1013.33	1013.42	1013.85	1013.87	1013.82	1013.64	
	1013.66	1013.39	1013.20	1013.40	1013.73	1013.84	1014.54	1015.51	1015.98	1016.59	1017.16	1017.63	1013.96
7	1017.73	1017.79	1017.93	1018.12	1018.33	1018.70	1019.14	1019.39	1019.62	1019.44	1018.91	1018.51	
	1018.21	1017.94	1017.68	1017.50	1017.51	1017.57	1018.02	1018.51	1018.63	1018.54	1018.58	1018.48	1018.37
8	1018.22	1018.21	1017.95	1017.74	1017.72	1017.79	1017.71	1017.74	1017.84	1017.80	1017.44	1017.03	
	1016.66	1016.38	1016.13	1015.89	1015.75	1015.81	1016.17	1016.57	1016.46	1016.66	1016.55	1016.38	1017.03
9	1016.24	1016.12	1015.99	1015.92	1016.04	1016.06	1016.35	1016.55	1016.82	1016.93	1016.64	1016.41	
	1016.08	1015.74	1015.55	1015.46	1015.49	1015.51	1016.08	1016.39	1016.56	1016.77	1016.67	1016.54	1016.20
10	1016.34	1016.26	1016.17	1016.08	1016.19	1016.49	1016.71	1017.08	1017.29	1017.17	1016.92	1016.79	
	1016.70	1016.35	1016.30	1016.37	1016.46	1016.61	1016.92	1017.23	1017.18	1017.41	1017.33	1017.09	1016.73
11	1016.78	1016.78	1016.86	1016.84	1017.07	1017.34	1017.42	1017.57	1017.49	1017.11	1016.52	1016.11	
	1015.73	1015.28	1015.10	1014.92	1014.72	1014.89	1015.29	1015.65	1015.55	1015.49	1015.29	1014.98	1016.12
12	1014.66	1014.33	1014.00	1013.89	1013.82	1013.76	1013.48	1013.45	1013.05	1012.33	1011.78	1011.71	
	1011.04	1010.50	1009.89	1009.20	1008.79	1008.24	1008.20	1007.81	1007.05	1006.13	1005.26	1004.42	1010.70
13	1003.74	1003.18	1002.88	1002.43	1001.99	1001.74	1000.99	1000.33	999.87	999.59	999.42	999.17	
	999.21	999.00	999.09	999.39	999.60	999.22	999.83	1000.13	1000.65	1000.73	1000.78	1000.75	1000.57
14	1000.32	999.70	999.50	999.36	999.63	1000.29	999.87	999.89	999.78	999.71	999.62	999.64	
	1000.01	1000.28	1000.22	1000.69	1001.43	1001.84	1002.12	1002.90	1003.39	1004.10	1004.64	1004.82	1000.99
15	1004.91	1004.88	1005.03	1005.21	1005.76	1006.19	1006.72	1007.42	1007.89	1007.97	1007.76	1007.70	
	1007.49	1007.48	1007.52	1007.68	1008.16	1008.63	1009.50	1010.13	1010.75	1011.20	1011.40	1011.49	1007.87
16	1011.48	1011.49	1011.48	1011.64	1011.91	1012.19	1012.36	1012.66	1012.87	1012.65	1012.27	1011.92	
	1011.70	1011.53	1011.45	1011.37	1011.45	1011.72	1012.18	1012.51	1012.72	1012.84	1012.94	1013.01	1012.10
17	1013.00	1012.81	1012.66	1012.76	1012.94	1013.24	1013.32	1013.65	1013.88	1013.82	1013.52	1013.22	
	1012.90	1012.73	1012.89	1013.17	1013.38	1013.63	1014.15	1014.47	1014.70	1014.71	1014.60	1014.45	1013.53
18	1014.26	1014.12	1013.97	1014.09	1014.13	1014.27	1014.53	1014.84	1014.89	1014.59	1014.25	1013.97	
	1013.57	1013.30	1013.12	1013.04	1013.05	1013.27	1013.68	1013.83	1013.86	1013.76	1013.43	1013.35	1013.88
19	1013.17	1012.80	1012.25	1011.95	1012.02	1012.19	1012.22	1012.44	1012.69	1012.67	1012.67	1012.25	
	1011.68	1010.96	1010.67	1010.43	1010.96	1011.03	1011.28	1011.59	1011.81	1011.66	1011.42	1011.62	1011.85
20	1011.86	1011.60	1011.42	1011.79	1012.43	1013.05	1013.72	1014.64	1015.31	1015.67	1015.82	1015.70	
	1015.77	1015.97	1016.05	1016.27	1016.64	1017.15	1017.76	1018.31	1018.77	1019.21	1019.68	1019.98	1015.61
21	1020.24	1020.04	1019.95	1019.82	1020.01	1020.29	1020.52	1020.85	1021.13	1021.20	1020.89	1020.61	
	1020.06	1019.40	1018.98	1018.77	1018.93	1019.32	1019.51	1019.40	1019.33	1019.16	1018.80	1018.60	1019.82
22	1018.59	1018.12	1017.59	1017.21	1017.25	1017.60	1017.72	1017.83	1017.65	1017.35	1017.18	1017.05	
	1016.57	1016.15	1016.17	1016.17	1016.27	1016.29	1016.21	1016.27	1016.43	1016.75	1016.94	1016.78	1017.01
23	1016.44	1016.11	1015.78	1015.68	1015.90	1016.18	1016.55	1016.64	1016.61	1016.43	1016.14	1015.62	
	1015.27	1014.83	1014.55	1014.16	1013.81	1013.34	1013.69	1013.88	1013.41	1013.38	1013.11	1012.63	1015.01
24	1012.11	1011.61	1011.12	1010.78	1010.61	1010.74	1010.73	1010.52	1010.32	1009.50	1009.27	1008.97	
	1007.64	1007.36	1008.23	1008.67	1008.41	1008.35	1008.79	1009.79	1010.14	1010.27	1010.51	1010.58	1009.79
25	1010.29	1010.33	1010.20	1010.18	1010.40	1010.88	1011.52	1012.08	1012.35	1012.34	1012.38	1012.01	
	1011.75	1011.70	1011.52	1011.37	1011.33	1011.45	1011.77	1011.99	1012.16	1012.21	1012.16	1012.38	1011.53
26	1012.48	1012.18	1011.90	1011.71	1011.82	1012.23	1012.67	1013.31	1013.48	1013.45	1013.68	1013.33	
	1013.10	1012.12	1012.00	1011.52	1011.29	1011.20	1011.31	1011.22	1011.52	1011.68	1011.80	1012.00	1012.21
27	1012.15	1011.75	1012.02	1011.93	1012.45	1012.88	1013.32	1014.08	1014.60	1014.72	1014.43	1013.94	
	1013.43	1013.20	1013.55	1013.71	1014.05	1014.57	1014.90	1015.34	1015.39	1015.24	1015.06	1014.93	1013.82
28	1014.76	1014.55	1014.42	1014.30	1014.40	1014.62	1014.99	1015.57	1015.65	1015.62	1015.89	1015.81	
	1015.43	1014.95	1014.66	1014.32	1014.41	1014.63	1014.87	1015.05	1014.93	1014.87	1014.64	1014.35	1014.90
29	1013.97	1013.48	1013.07	1012.91	1012.85	1013.01	1013.41	1013.59	1013.51	1013.09	1012.68	1012.25	
	1011.80	1011.90	1011.71	1011.83	1012.10	1012.24	1012.72	1013.46	1013.40	1013.32	1013.34	1013.85	1012.89
30	1015.13	1014.97	1014.29	1013.70	1013.68	1014.45	1014.72	1014.72	1015.42	1015.44	1016.30	1015.84	
	1015.76	1014.97	1015.14	1015.04	1015.62	1016.02	1015.67	1016.10	1016.10	1015.91	1015.40	1015.35	1015.24
MONTHLY AVG	1013.08	1012.88	1012.66	1012.58	1012.72	1012.99	1013.17	1013.41	1013.56	1013.48	1013.34	1013.13	
	1012.85	1012.56	1012.45	1012.39	1012.45	1012.53	1012.89	1013.24	1013.36	1013.43	1013.38	1013.29	1012.99

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - October 2012

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	1014.99	1014.75	1014.72	1014.66	1014.87	1015.26	1015.62	1015.87	1015.79	1015.41	1015.21	1015.07	
	1014.82	1014.79	1014.75	1014.64	1014.95	1015.08	1015.47	1015.75	1016.12	1016.08	1015.97	1015.91	1015.27
2	1015.73	1015.44	1014.99	1014.98	1015.11	1015.38	1015.82	1016.22	1016.57	1016.64	1016.65	1016.45	
	1016.33	1016.28	1016.46	1016.78	1017.04	1017.37	1017.80	1018.36	1018.54	1018.60	1018.38	1018.26	1016.67
3	1018.17	1017.94	1017.84	1017.92	1017.95	1018.04	1018.36	1018.79	1018.99	1019.02	1018.92	1018.48	
	1018.00	1017.73	1017.61	1017.72	1017.83	1018.25	1018.61	1018.94	1019.07	1019.04	1018.94	1018.81	1018.37
4	1018.57	1018.41	1018.29	1018.24	1018.36	1018.35	1018.58	1018.90	1018.84	1018.75	1018.49	1017.98	
	1017.40	1017.08	1017.00	1016.99	1017.09	1017.30	1017.54	1017.78	1018.13	1018.22	1018.29	1018.53	1018.05
5	1018.40	1018.25	1018.23	1018.34	1018.58	1018.89	1019.22	1019.58	1019.92	1020.00	1019.99	1019.60	
	1019.16	1018.88	1018.64	1018.71	1018.89	1019.01	1019.23	1019.62	1019.84	1020.03	1020.10	1020.09	1019.22
6	1020.03	1019.79	1019.62	1019.68	1019.73	1019.82	1020.30	1020.60	1020.81	1020.80	1020.46	1019.86	
	1019.23	1018.88	1018.74	1018.80	1019.11	1019.32	1019.59	1019.79	1019.82	1019.59	1019.16	1018.89	1019.68
7	1018.67	1018.43	1018.35	1017.96	1017.81	1017.67	1017.82	1017.52	1017.25	1016.94	1016.97	1016.36	
	1015.50	1014.68	1014.16	1014.04	1014.13	1014.13	1014.33	1014.38	1014.44	1014.19	1014.09	1013.92	1015.99
8	1013.74	1013.42	1013.04	1013.23	1013.21	1013.45	1013.86	1014.08	1014.29	1014.36	1014.17	1013.65	
	1013.17	1012.79	1012.59	1012.57	1012.80	1013.28	1013.46	1013.61	1013.67	1013.51	1013.30	1013.05	1013.43
9	1012.84	1012.42	1012.00	1011.82	1011.62	1011.81	1011.57	1011.60	1011.43	1011.33	1010.92	1010.30	
	1009.82	1009.28	1009.03	1008.79	1008.74	1008.78	1008.98	1009.10	1009.19	1008.98	1008.95	1008.91	1010.34
10	1008.83	1008.72	1008.63	1008.67	1008.68	1008.72	1009.20	1009.49	1009.57	1009.44	1009.11	1008.46	
	1007.83	1007.59	1007.37	1007.39	1007.46	1007.88	1008.25	1008.43	1008.62	1008.95	1009.08	1008.92	1008.55
11	1008.72	1008.42	1008.53	1008.65	1008.91	1009.10	1009.68	1010.03	1010.28	1010.20	1009.87	1009.36	
	1009.26	1009.28	1009.03	1009.25	1009.39	1009.56	1009.98	1010.58	1010.74	1010.65	1010.31	1009.99	1009.57
12	1009.43	1008.82	1008.33	1008.45	1008.81	1008.59	1008.35	1009.02	1009.21	1009.13	1009.42	1009.27	
	1008.88	1008.83	1009.07	1009.38	1009.80	1010.10	1010.37	1010.94	1011.55	1011.84	1011.73	1011.32	1009.61
13	1011.26	1011.00	1011.34	1011.25	1010.80	1010.77	1010.98	1011.34	1011.48	1011.24	1011.15	1010.95	
	1010.65	1010.26	1009.66	1009.09	1008.62	1008.75	1009.11	1009.53	1009.80	1009.74	1009.32	1009.23	1010.30
14	1009.19	1008.90	1008.75	1008.72	1008.84	1009.07	1009.22	1009.48	1009.50	1009.36	1008.97	1008.45	
	1007.94	1007.78	1007.46	1007.49	1007.62	1007.55	1007.47	1007.59	1007.65	1007.53	1007.23	1006.95	1008.28
15	1006.22	1005.66	1005.23	1005.00	1004.80	1004.75	1004.83	1004.90	1005.27	1005.14	1005.34	1005.09	
	1004.23	1004.02	1004.13	1003.69	1003.52	1003.59	1005.40	1005.89	1005.58	1005.60	1006.19	1006.51	1005.02
16	1006.66	1006.78	1006.92	1007.39	1007.63	1007.79	1008.41	1009.67	1011.14	1012.33	1013.03	1013.07	
	1013.15	1013.52	1013.86	1014.40	1015.26	1016.20	1016.84	1017.58	1018.42	1018.68	1018.90	1019.26	1012.79
17	1019.38	1019.30	1019.54	1019.85	1019.99	1020.31	1020.76	1021.26	1021.77	1021.93	1021.79	1021.35	
	1021.05	1020.72	1020.42	1020.27	1020.30	1020.62	1020.92	1021.16	1021.35	1021.21	1021.20	1021.24	1020.74
18	1021.06	1020.66	1020.33	1020.36	1020.50	1020.75	1021.25	1021.42	1021.44	1021.39	1021.02	1020.41	
	1019.76	1019.29	1019.05	1018.99	1019.18	1019.49	1019.57	1019.80	1020.21	1020.23	1020.06	1020.06	1020.26
19	1020.13	1020.14	1020.17	1020.17	1020.11	1020.06	1020.27	1020.50	1020.69	1020.67	1020.32	1019.70	
	1019.18	1019.07	1018.85	1018.88	1019.21	1019.62	1019.57	1019.77	1019.72	1019.44	1019.19	1019.33	1019.78
20	1019.55	1019.49	1019.22	1019.15	1019.00	1019.10	1019.55	1019.68	1019.68	1019.53	1019.20	1018.56	
	1018.12	1017.62	1017.41	1017.49	1017.69	1017.88	1017.89	1017.91	1017.91	1017.79	1017.59	1017.46	1018.52
21	1017.36	1017.10	1016.95	1016.68	1016.54	1016.61	1016.89	1017.35	1017.37	1017.06	1016.44	1015.79	
	1015.18	1014.68	1014.73	1015.25	1015.81	1016.17	1016.36	1016.49	1016.33	1016.05	1015.83	1015.77	1016.28
22	1015.98	1015.81	1015.54	1015.88	1016.50	1016.28	1016.35	1016.18	1016.02	1015.89	1015.54	1014.90	
	1014.41	1014.17	1014.32	1014.62	1014.61	1014.84	1015.04	1015.54	1015.92	1015.97	1015.73	1015.59	1015.49
23	1015.58	1015.38	1015.24	1015.38	1015.29	1015.37	1015.84	1016.07	1016.22	1016.16	1016.00	1015.74	
	1015.39	1015.29	1015.03	1015.14	1015.44	1015.69	1015.58	1015.73	1015.77	1015.61	1015.30	1014.80	1015.54
24	1014.54	1014.32	1014.00	1013.97	1014.14	1014.27	1014.58	1014.63	1014.45	1014.35	1014.01	1013.44	
	1013.15	1013.05	1012.79	1012.82	1013.02	1013.44	1013.59	1013.79	1013.85	1013.90	1013.82	1013.70	1013.82
25	1013.49	1013.25	1012.93	1012.86	1012.79	1012.79	1013.09	1013.30	1013.27	1013.20	1012.84	1012.11	
	1011.51	1011.12	1011.03	1010.87	1011.05	1011.35	1011.57	1011.82	1012.04	1011.87	1011.61	1011.37	1012.21
26	1011.10	1010.70	1010.21	1009.87	1009.71	1009.26	1009.39	1009.41	1008.97	1008.54	1007.76	1006.97	
	1006.01	1005.26	1004.74	1003.78	1002.77	1001.65	1000.48	999.67	998.28	997.55	997.76	998.09	1005.33
27	997.62	996.34	995.21	994.52	994.36	994.36	993.67	993.11	993.02	992.91	992.92	992.55	
	992.13	991.95	991.50	991.28	991.28	991.59	991.40	990.84	990.69	991.36	992.05	993.05	992.90
28	993.99	994.29	994.68	995.41	996.06	997.17	998.30	999.49	999.90	1000.44	1000.78	1000.71	
	1000.72	1000.62	1000.89	1001.20	1001.35	1001.63	1001.77	1001.81	1001.86	1001.93	1001.64	1001.37	999.50
29	1001.17	1000.96	1001.05	1001.15	1001.29	1001.89	1002.56	1003.53	1004.10	1004.63	1004.98	1004.86	
	1004.92	1005.78	1006.39	1006.97	1007.94	1008.74	1009.28	1010.12	1010.75	1011.12	1011.21	1011.21	1005.69
30	1011.37	1011.48	1011.12	1010.99	1010.97	1011.16	1011.65	1012.03	1012.15	1012.12	1011.67	1010.95	
	1010.48	1010.29	1010.06	1009.55	1009.46	1009.63	1009.78	1009.74	1009.37	1008.70	1007.99	1007.66	1010.43
31	1007.11	1006.67	1006.04	1005.71	1005.35	1004.77	1004.34	1003.67	1002.68	1001.90	1000.76	999.40	
	997.90	996.77	995.88	994.63	993.69	993.08	992.79	992.19	991.98	991.92	991.75	991.08	998.83
MONTHLY AVG	1012.61	1012.36	1012.16	1012.16	1012.20	1012.31	1012.59	1012.86	1012.97	1012.93	1012.73	1012.25	
	1011.78	1011.53	1011.38	1011.34	1011.45	1011.66	1011.87	1012.07	1012.17	1012.13	1012.02	1011.95	1012.15

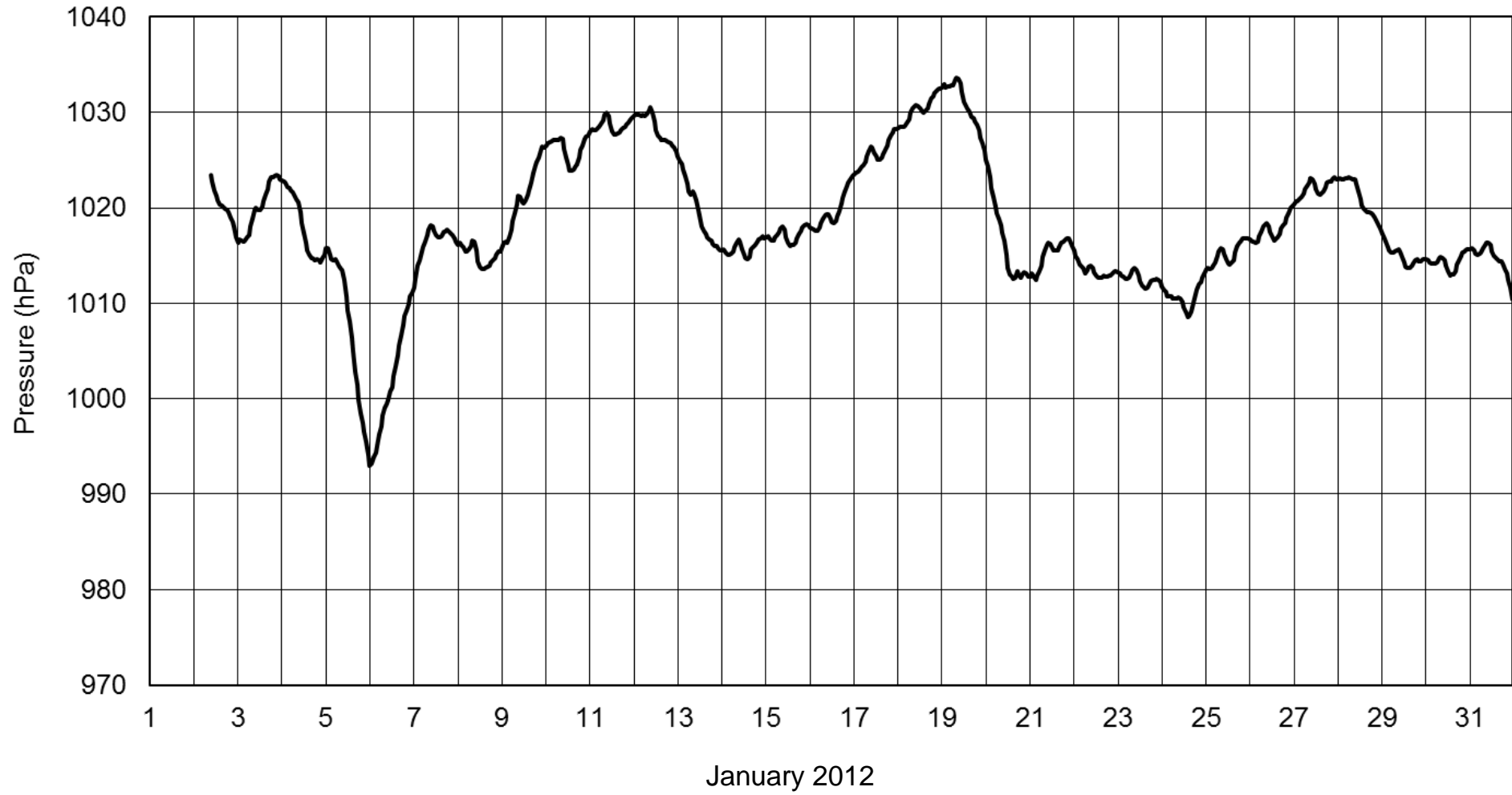
S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - November 2012

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	990.32	990.25	990.74	991.52	992.70	993.94	995.93	997.45	998.20	999.00	999.66	999.86	
	1000.18	1000.69	1001.06	1001.40	1001.66	1002.30	1002.89	1003.26	1003.92	1004.32	1004.76	1004.98	998.79
2	1005.46	1005.89	1005.88	1006.03	1006.42	1006.92	1007.93	1008.67	1009.04	1009.56	1009.73	1009.92	
	1010.10	1010.63	1010.93	1011.39	1011.93	1012.50	1013.06	1013.57	1014.22	1014.40	1014.53	1014.63	1010.14
3	1014.94	1015.17	1015.04	1015.08	1014.95	1015.06	1015.71	1016.27	1016.45	1016.76	1016.67	1016.40	
	1015.92	1015.37	1015.15	1015.01	1015.26	1015.49	1015.28	1015.19	1015.05	1015.02	1014.96	1014.50	1015.45
4	1014.20	1013.70	1012.88	1012.11	1011.91	1011.76	1012.21	1012.58	1012.53	1012.36	1011.72	1011.02	
	1010.42	1009.70	1009.36	1009.44	1009.36	1009.12	1008.86	1008.41	1007.83	1007.29	1006.79	1006.43	1010.50
5	1005.92	1005.43	1004.74	1004.38	1004.04	1004.11	1004.49	1005.08	1005.04	1005.12	1005.25	1005.65	
	1005.79	1006.06	1007.22	1007.55	1008.10	1008.91	1009.48	1010.19	1010.76	1011.24	1011.74	1012.04	1007.01
6	1012.20	1012.14	1012.20	1012.48	1012.90	1013.21	1013.94	1014.54	1014.58	1014.71	1014.51	1014.09	
	1014.24	1014.37	1014.71	1014.66	1014.95	1015.83	1016.29	1016.55	1016.94	1017.00	1017.10	1017.36	1014.65
7	1017.52	1017.73	1017.65	1018.11	1018.33	1018.73	1019.60	1020.55	1021.27	1021.51	1021.35	1021.07	
	1021.03	1021.29	1021.79	1022.15	1022.75	1023.41	1024.05	1024.78	1025.21	1025.52	1025.65	1025.72	1021.53
8	1025.84	1025.68	1025.44	1025.36	1025.25	1025.16	1025.42	1025.59	1025.66	1025.61	1025.13	1024.29	
	1023.43	1022.81	1022.22	1021.64	1021.88	1022.31	1021.98	1021.80	1021.80	1021.72	1021.38	1021.18	1023.69
9	1020.64	1020.20	1019.86	1019.61	1019.56	1019.65	1020.12	1020.36	1020.49	1020.24	1019.65	1018.95	
	1018.44	1018.00	1017.92	1017.87	1018.32	1018.62	1018.39	1018.56	1018.50	1018.58	1018.34	1018.12	1019.13
10	1017.58	1017.30	1017.03	1016.94	1016.92	1016.98	1017.17	1017.04	1017.11	1017.16	1016.23	1015.64	
	1014.99	1014.77	1014.60	1014.25	1014.27	1014.12	1013.89	1014.19	1014.04	1013.61	1013.14	1012.72	1015.49
11	1012.20	1011.75	1011.32	1010.73	1010.09	1010.30	1011.56	1011.98	1011.58	1011.32	1011.89	1012.04	
	1011.42	1011.16	1011.87	1012.52	1011.59	1012.30	1012.95	1013.60	1013.98	1014.38	1014.81	1015.05	1012.18
12	1015.34	1015.73	1015.64	1015.61	1015.52	1016.11	1016.50	1017.48	1017.79	1017.99	1017.81	1018.08	
	1017.80	1017.63	1018.11	1018.40	1018.30	1018.67	1018.85	1019.24	1020.14	1020.03	1020.84	1021.09	1017.86
13	1021.00	1020.73	1020.53	1020.46	1020.73	1021.15	1021.72	1021.94	1022.29	1022.32	1021.99	1021.27	
	1020.93	1020.28	1020.22	1020.15	1020.48	1020.66	1020.67	1020.89	1021.13	1021.27	1021.26	1021.22	1021.05
14	1021.26	1021.33	1021.06	1020.88	1020.53	1020.29	1020.58	1020.78	1020.66	1020.46	1020.05	1019.47	
	1018.91	1018.59	1018.52	1018.65	1018.96	1018.88	1018.79	1018.80	1018.78	1018.68	1018.69	1018.45	1019.67
15	1018.34	1018.18	1017.68	1017.31	1017.32	1017.34	1017.33	1017.77	1017.86	1017.64	1016.94	1016.22	
	1015.75	1015.42	1015.41	1015.61	1015.78	1015.94	1016.00	1016.16	1016.36	1016.22	1016.32	1016.12	1016.71
16	1015.99	1016.01	1015.71	1015.72	1015.80	1016.04	1016.24	1016.48	1016.80	1016.90	1016.72	1016.18	
	1015.69	1015.39	1015.45	1015.63	1015.86	1016.11	1016.38	1016.51	1016.62	1016.65	1016.65	1016.39	1016.16
17	1016.34	1016.09	1015.73	1015.39	1015.28	1015.35	1015.50	1015.65	1015.66	1015.62	1015.25	1014.64	
	1014.17	1013.56	1013.19	1012.78	1012.64	1012.72	1012.71	1012.97	1013.16	1012.99	1012.77	1012.59	1014.28
18	1012.23	1011.81	1011.19	1011.05	1010.94	1010.89	1011.05	1011.24	1011.27	1011.22	1010.72	1010.03	
	1009.61	1009.32	1009.28	1009.18	1009.23	1009.17	1009.51	1009.79	1010.34	1010.19	1009.69	1009.46	1010.35
19	1009.13	1008.97	1008.66	1008.45	1008.48	1008.81	1009.21	1009.57	1009.72	1009.83	1009.39	1008.89	
	1008.68	1008.55	1008.72	1008.94	1009.02	1009.40	1009.55	1009.56	1009.62	1009.56	1009.76	1009.59	1009.17
20	1009.46	1009.40	1009.13	1009.10	1009.29	1009.53	1009.86	1010.48	1010.82	1011.02	1010.95	1010.73	
	1010.63	1010.88	1011.30	1011.55	1011.97	1012.30	1012.52	1012.79	1013.13	1013.33	1013.41	1013.41	1011.12
21	1013.59	1013.92	1013.91	1013.86	1014.00	1014.27	1014.60	1014.93	1015.25	1015.59	1015.55	1015.37	
	1015.32	1015.42	1015.46	1015.74	1016.38	1016.70	1016.91	1017.19	1017.67	1017.86	1018.20	1018.49	1015.67
22	1018.80	1019.07	1019.08	1019.17	1019.63	1019.92	1020.28	1020.67	1021.21	1021.40	1021.20	1020.59	
	1020.04	1019.78	1019.99	1020.16	1020.21	1020.44	1020.65	1020.77	1020.74	1020.76	1020.74	1020.77	1020.25
23	1020.65	1020.84	1020.61	1020.42	1020.49	1020.83	1021.13	1021.58	1021.86	1021.99	1021.58	1021.02	
	1020.75	1020.67	1020.77	1020.97	1021.35	1021.64	1022.01	1022.34	1022.66	1022.84	1022.98	1023.03	1021.46
24	1022.91	1022.73	1022.47	1022.46	1022.49	1022.56	1022.78	1023.15	1023.46	1023.54	1023.05	1022.58	
	1022.08	1021.98	1022.04	1022.04	1022.15	1022.33	1022.47	1022.54	1022.73	1022.84	1022.77	1022.70	1022.62
25	1022.48	1022.60	1022.36	1022.16	1022.25	1022.56	1022.75	1022.94	1022.95	1022.90	1022.44	1021.78	
	1021.04	1020.61	1020.50	1020.48	1020.68	1021.04	1021.16	1021.20	1021.23	1021.29	1021.19	1020.95	1021.73
26	1020.74	1020.66	1020.28	1020.00	1019.91	1020.32	1020.61	1020.67	1020.37	1020.14	1019.15	1018.32	
	1017.63	1017.07	1016.93	1016.86	1016.65	1016.45	1016.23	1016.09	1016.05	1015.89	1015.60	1014.92	1018.23
27	1014.06	1013.63	1013.09	1012.53	1012.05	1011.52	1011.29	1010.94	1010.73	1010.61	1009.76	1008.71	
	1007.94	1007.18	1006.75	1006.20	1005.64	1005.04	1005.31	1005.11	1004.93	1004.42	1003.76	1002.92	1008.51
28	1001.84	1001.21	1000.26	998.84	997.45	996.07	994.36	993.11	992.41	991.67	991.34	990.97	
	990.88	990.94	991.39	991.55	991.60	991.85	991.74	991.92	992.48	992.68	992.55	992.50	993.82
29	992.02	991.95	991.65	991.23	991.18	991.09	990.75	990.73	990.59	991.17	990.87	989.97	
	989.53	989.13	989.12	989.30	989.66	990.01	990.55	991.47	992.02	992.39	992.76	993.26	990.93
30	993.63	994.27	994.29	994.49	995.24	995.92	996.77	997.77	998.79	999.44	999.87	1000.09	
	1000.12	1000.18	1000.66	1001.09	1001.36	1001.85	1002.12	1002.78	1003.36	1003.72	1003.96	1004.18	999.41
MONTHLY AVG	1013.22	1013.15	1012.87	1012.72	1012.72	1012.88	1013.25	1013.60	1013.75	1013.83	1013.55	1013.13	
	1012.78	1012.58	1012.69	1012.77	1012.93	1013.20	1013.37	1013.61	1013.85	1013.89	1013.90	1013.83	1013.25

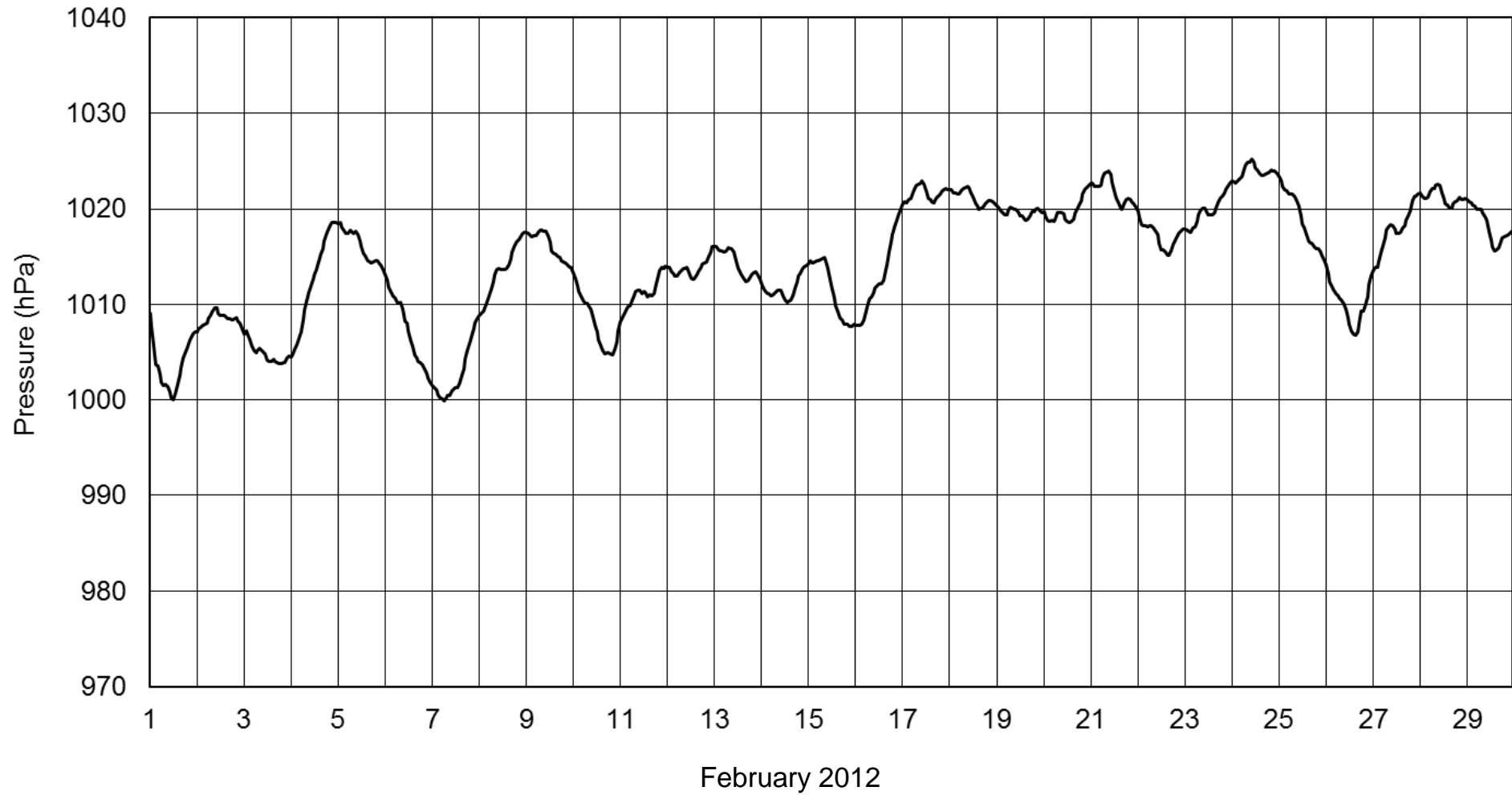
S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - December 2012

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	1004.72	1005.29	1005.82	1005.73	1005.44	1005.37	1005.53	1005.98	1006.69	1007.58	1007.17	1007.08	
	1007.03	1007.04	1007.05	1007.25	1007.51	1007.77	1007.90	1007.89	1007.91	1008.19	1008.41	1008.52	1006.87
2	1008.26	1008.23	1007.53	1007.31	1006.87	1006.71	1006.77	1007.09	1007.22	1006.99	1006.62	1006.19	
	1005.61	1005.30	1005.10	1005.15	1005.36	1005.22	1005.02	1005.08	1004.71	1005.01	1005.02	1005.19	1006.15
3	1005.40	1006.21	1006.94	1007.69	1008.27	1009.02	1010.24	1011.83	1012.88	1013.83	1014.56	1014.74	
	1014.74	1014.93	1014.97	1015.38	1015.84	1016.23	1016.23	1016.78	1016.89	1017.12	1016.33	1015.49	1013.02
4	1014.68	1014.38	1013.58	1012.78	1012.39	1012.06	1011.08	1010.05	1009.70	1009.14	1007.85	1006.53	
	1005.36	1004.36	1003.44	1002.74	1001.62	1001.32	1000.83	1000.37	1000.38	1000.53	1001.26	1000.95	1006.56
5	1000.84	1001.12	1001.23	1001.44	1001.95	1002.42	1002.56	1003.08	1003.26	1003.28	1002.66	1002.24	
	1001.53	1000.91	1000.24	1001.09	1002.70	1002.42	1003.18	1003.61	1004.11	1004.46	1004.74	1005.10	1002.51
6	1005.31	1005.43	1005.33	1005.49	1005.58	1006.19	1006.32	1006.72	1007.11	1007.39	1007.47	1007.25	
	1007.39	1007.77	1008.15	1008.99	1009.70	1010.44	1011.22	1011.64	1012.19	1012.38	1012.55	1012.64	1008.36
7	1012.89	1013.13	1013.11	1013.07	1013.11	1013.18	1013.21	1013.21	1013.07	1012.89	1012.21	1010.98	
	1010.16	1009.30	1008.73	1008.22	1007.58	1007.25	1006.45	1005.35	1004.26	1003.13	1002.24	1000.91	1009.49
8	999.25	999.88	1000.01	1000.02	999.99	1000.07	999.82	1000.33	1000.75	1000.80	1000.61	1001.05	
	1001.13	1001.32	1001.64	1002.16	1002.77	1003.25	1003.74	1004.03	1004.58	1005.78	1006.86	1007.36	1001.97
9	1007.67	1008.09	1008.49	1008.98	1009.68	1010.55	1011.58	1012.71	1013.41	1014.21	1014.33	1014.63	
	1014.64	1014.75	1015.13	1015.79	1016.08	1016.66	1016.85	1017.12	1017.28	1017.17	1016.93	1016.79	1013.73
10	1016.61	1016.38	1015.66	1014.75	1013.75	1013.32	1012.22	1011.36	1010.75	1010.30	1009.28	1008.05	
	1006.80	1005.68	1005.10	1004.29	1003.40	1002.79	1002.39	1003.07	1003.61	1004.17	1003.93	1004.69	1008.43
11	1005.41	1006.18	1006.63	1007.11	1007.68	1008.63	1009.55	1010.24	1010.83	1011.08	1011.07	1010.81	
	1010.51	1010.42	1010.67	1011.07	1011.63	1012.05	1012.46	1012.96	1013.01	1013.39	1013.96	1014.18	1010.48
12	1014.37	1014.77	1015.01	1015.29	1015.65	1016.10	1016.73	1017.52	1017.97	1018.40	1018.39	1018.23	
	1018.02	1018.06	1018.32	1018.51	1018.84	1019.18	1019.73	1020.17	1020.54	1020.81	1021.16	1021.11	1018.04
13	1021.25	1021.33	1021.26	1021.04	1020.96	1020.85	1020.96	1021.24	1021.51	1021.73	1021.26	1020.95	
	1020.56	1020.11	1020.05	1019.80	1019.58	1019.63	1019.64	1019.73	1019.74	1019.61	1019.48	1019.00	1020.47
14	1018.26	1017.90	1017.39	1016.80	1016.48	1016.44	1016.17	1016.44	1016.71	1017.21	1017.01	1016.54	
	1016.11	1016.36	1016.94	1017.11	1017.32	1017.45	1017.67	1017.89	1018.05	1018.14	1018.02	1017.75	1017.17
15	1017.89	1018.09	1017.66	1017.10	1017.30	1017.61	1017.97	1017.82	1017.48	1017.22	1017.10	1016.49	
	1015.68	1015.64	1015.68	1015.59	1015.23	1015.03	1015.48	1015.51	1015.51	1015.64	1015.80	1015.72	1016.51
16	1015.62	1015.68	1015.25	1014.79	1014.95	1014.97	1015.12	1015.47	1015.66	1015.86	1015.52	1014.90	
	1014.07	1013.53	1013.27	1013.28	1013.16	1013.02	1013.19	1013.14	1012.81	1012.91	1012.81	1012.61	1014.23
17	1012.19	1012.04	1011.65	1011.43	1010.74	1010.58	1010.64	1010.48	1010.55	1010.17	1009.58	1008.76	
	1007.92	1007.01	1006.31	1006.14	1006.98	1007.37	1007.51	1007.76	1007.82	1007.97	1008.49	1008.47	1009.11
18	1008.51	1008.63	1008.53	1008.30	1008.34	1008.47	1008.81	1009.17	1009.68	1009.70	1009.44	1009.26	
	1008.70	1008.42	1008.54	1008.75	1009.24	1009.84	1010.46	1011.01	1011.38	1011.59	1011.73	1011.83	1009.51
19	1012.20	1012.72	1012.81	1013.02	1013.23	1013.74	1014.41	1015.08	1015.65	1016.03	1015.73	1015.44	
	1015.35	1015.54	1016.00	1016.67	1017.10	1017.67	1018.27	1018.62	1018.82	1018.93	1018.94	1018.97	1015.87
20	1019.32	1019.23	1019.09	1019.00	1018.81	1019.01	1019.04	1019.03	1019.28	1019.74	1019.25	1018.49	
	1017.63	1017.31	1016.90	1016.93	1016.73	1016.37	1016.23	1016.01	1015.59	1014.98	1014.47	1014.27	1017.61
21	1013.59	1012.77	1012.39	1011.80	1010.65	1009.61	1009.12	1009.03	1009.28	1009.81	1009.78	1009.37	
	1009.03	1009.15	1009.27	1009.60	1009.57	1009.57	1010.03	1010.26	1010.56	1011.02	1011.57	1011.53	1010.35
22	1011.60	1011.82	1012.25	1012.48	1012.79	1013.44	1014.05	1014.91	1015.67	1016.37	1016.33	1015.97	
	1015.79	1015.82	1016.30	1016.65	1017.21	1017.84	1018.42	1018.79	1019.34	1019.51	1019.51	1019.65	1015.94
23	1019.57	1019.76	1019.48	1019.22	1019.46	1019.44	1020.05	1020.43	1020.64	1020.57	1020.31	1019.88	
	1019.59	1019.15	1019.07	1019.15	1019.49	1019.80	1020.44	1021.02	1021.44	1021.49	1021.46	1021.83	1020.11
24	1021.73	1021.94	1021.72	1021.63	1021.64	1021.84	1022.39	1022.94	1023.49	1023.87	1023.67	1023.19	
	1022.37	1021.97	1022.01	1022.07	1022.03	1022.25	1022.65	1022.86	1023.15	1023.16	1023.11	1022.95	1022.53
25	1022.65	1022.26	1021.90	1021.43	1021.13	1021.19	1021.19	1021.40	1021.66	1021.77	1021.12	1020.10	
	1019.01	1018.28	1018.07	1017.99	1017.91	1017.82	1017.80	1017.76	1017.43	1017.45	1017.32	1017.11	1019.66
26	1016.75	1016.45	1015.69	1015.10	1014.97	1014.92	1014.86	1015.07	1015.19	1015.30	1015.22	1014.71	
	1014.45	1014.10	1013.79	1013.78	1014.07	1014.73	1015.11	1015.13	1015.44	1015.92	1016.98	1017.07	1015.20
27	1017.29	1017.52	1017.79	1017.77	1018.15	1018.65	1019.18	1019.83	1020.50	1021.12	1021.18	1020.62	
	1019.98	1019.47	1019.64	1019.52	1019.11	1018.72	1018.39	1018.44	1018.52	1018.59	1018.15	1017.76	1019.00
28	1016.93	1016.66	1016.29	1015.80	1015.50	1016.04	1016.73	1017.36	1017.96	1018.58	1018.55	1018.45	
	1018.21	1017.95	1018.19	1018.78	1019.49	1020.12	1021.05	1021.66	1022.28	1022.95	1023.23	1023.27	1018.83
29	1022.96	1022.87	1022.59	1022.61	1022.72	1023.01	1023.18	1023.11	1023.14	1023.05	1022.50	1021.57	
	1021.16	1020.87	1020.78	1020.48	1020.14	1020.31	1020.47	1020.72	1020.87	1021.30	1021.75	1021.70	1021.83
30	1021.81	1021.92	1021.74	1021.45	1021.63	1022.02	1022.07	1022.39	1023.04	1023.49	1023.21	1022.45	
	1021.68	1021.13	1020.94	1021.16	1021.37	1021.87	1022.18	1022.36	1022.70	1022.93	1023.15	1023.04	1022.16
31	1022.93	1023.12	1023.02	1022.90	1022.93	1023.27	1023.52	1023.86	1024.19	1024.38	1023.79	1022.80	
	1021.98	1021.52	1021.39	1021.15	1021.18	1021.50	1021.63	1021.40	1021.07	1020.86	1020.83	1020.64	1022.33
MONTHLY AVG	1013.82	1013.93	1013.80	1013.66	1013.64	1013.83	1014.03	1014.36	1014.68	1014.90	1014.60	1014.12	
	1013.62	1013.33	1013.28	1013.39	1013.55	1013.73	1013.96	1014.13	1014.26	1014.42	1014.52	1014.45	1014.00

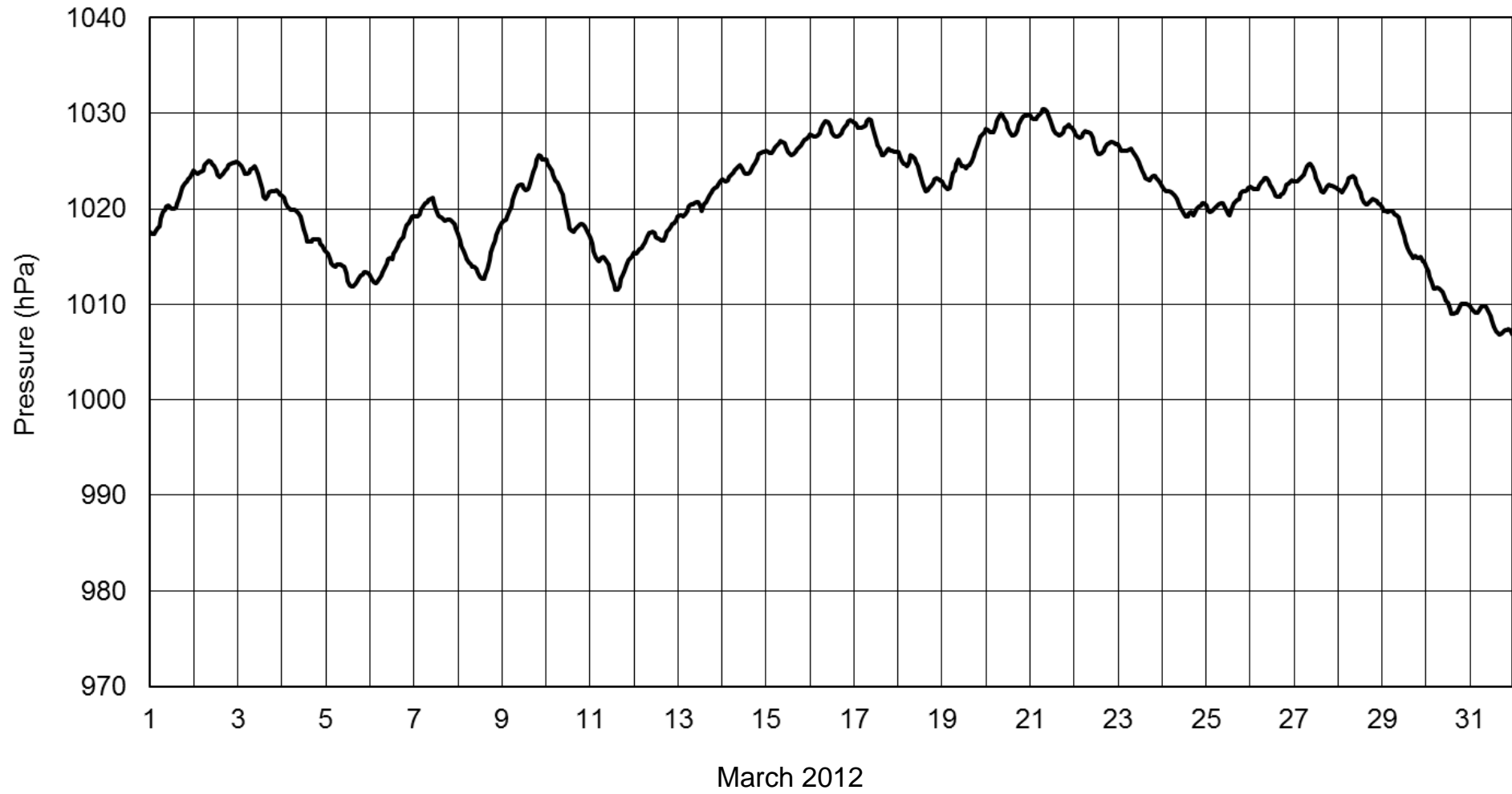
SVIRCO OBSERVATORY - Pressure in hectoPascal



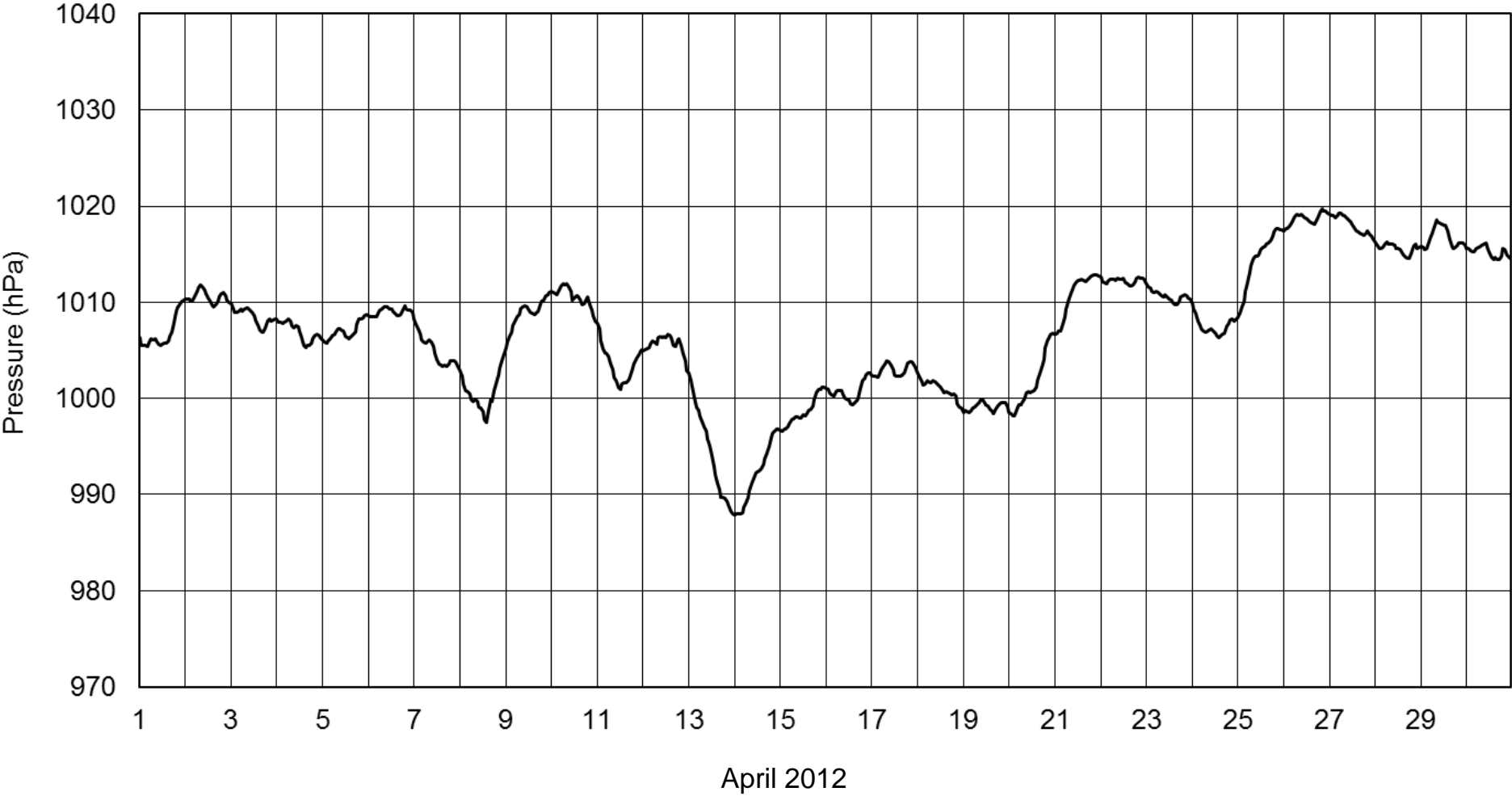
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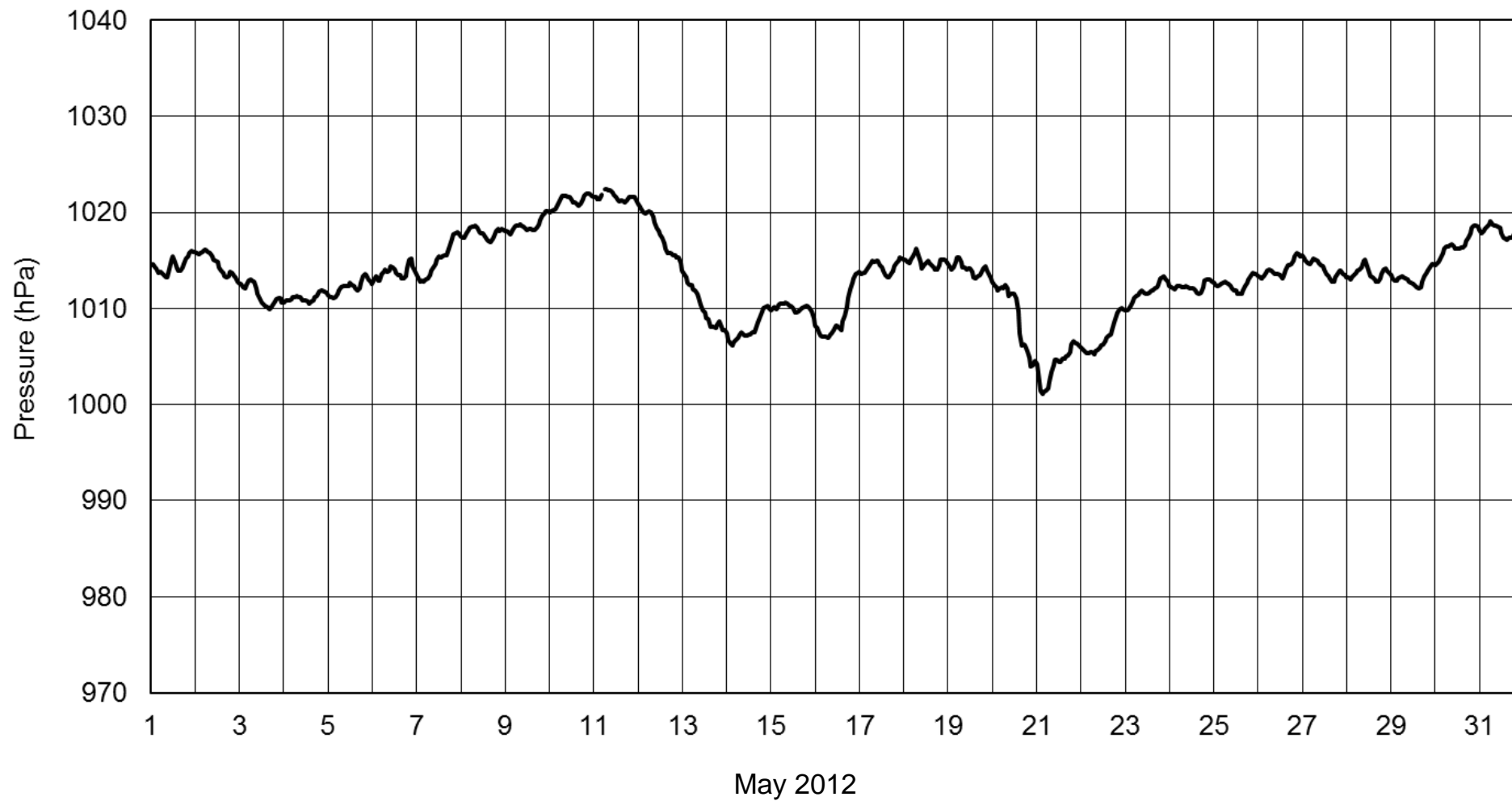
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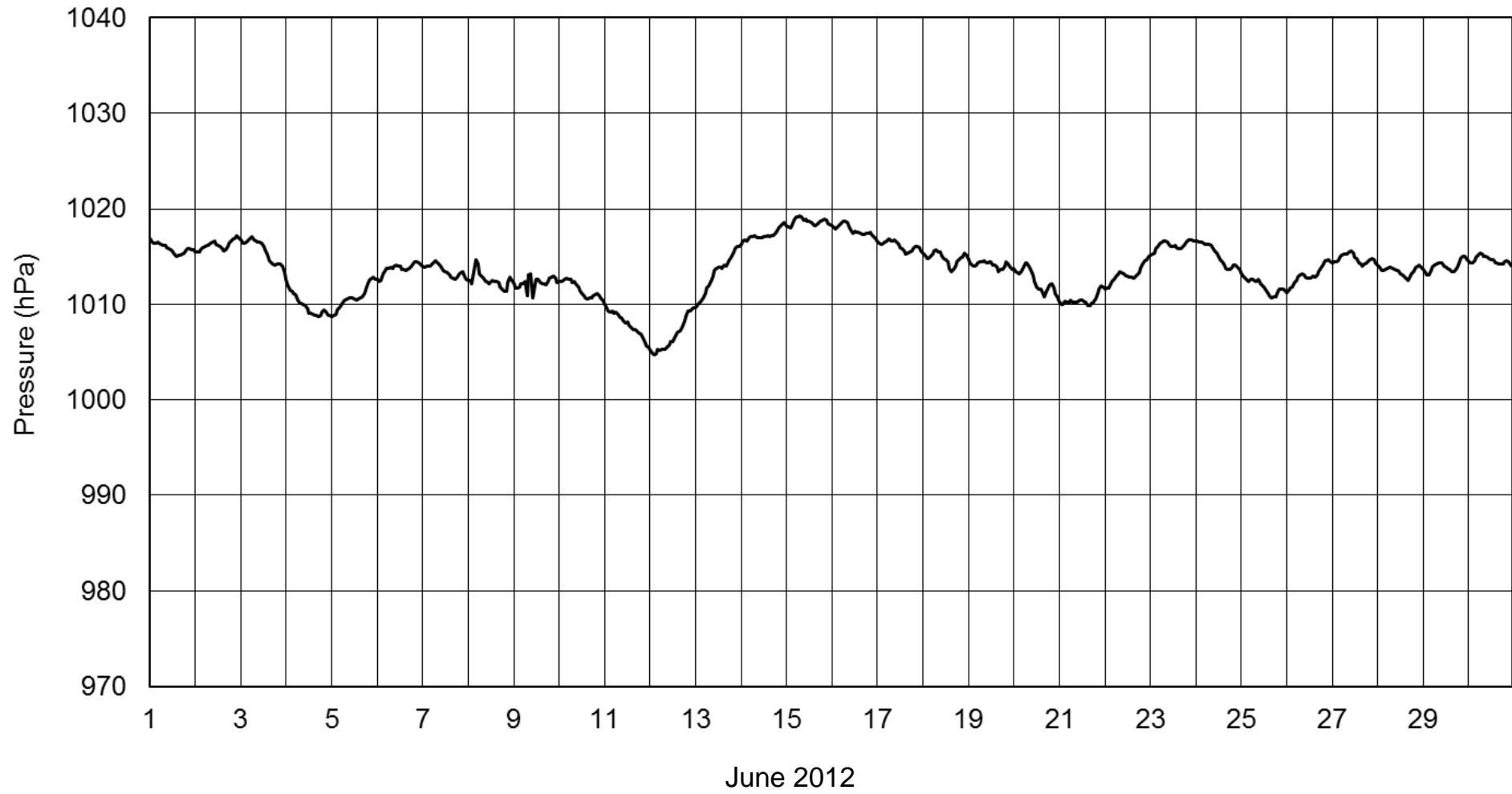
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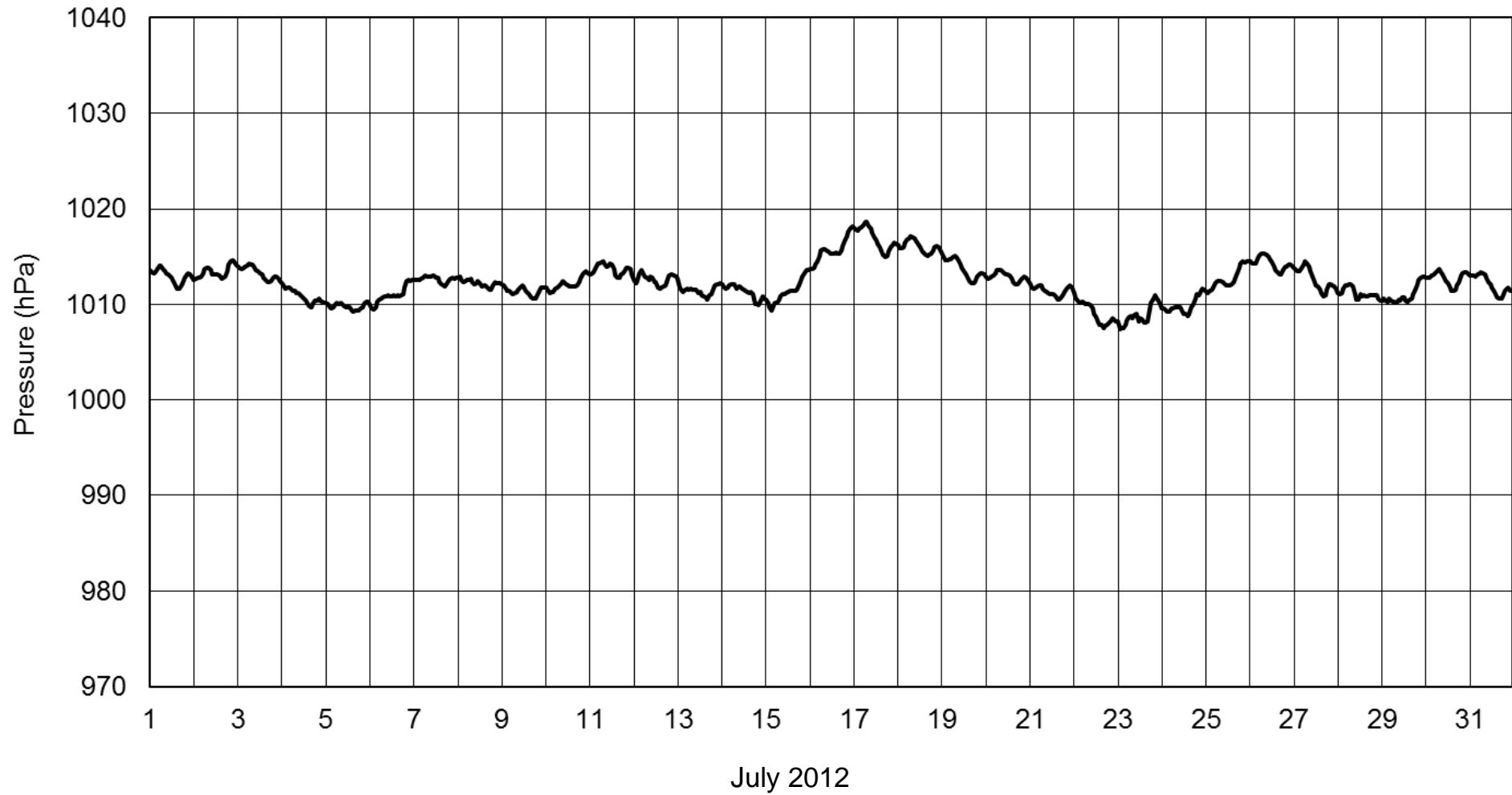
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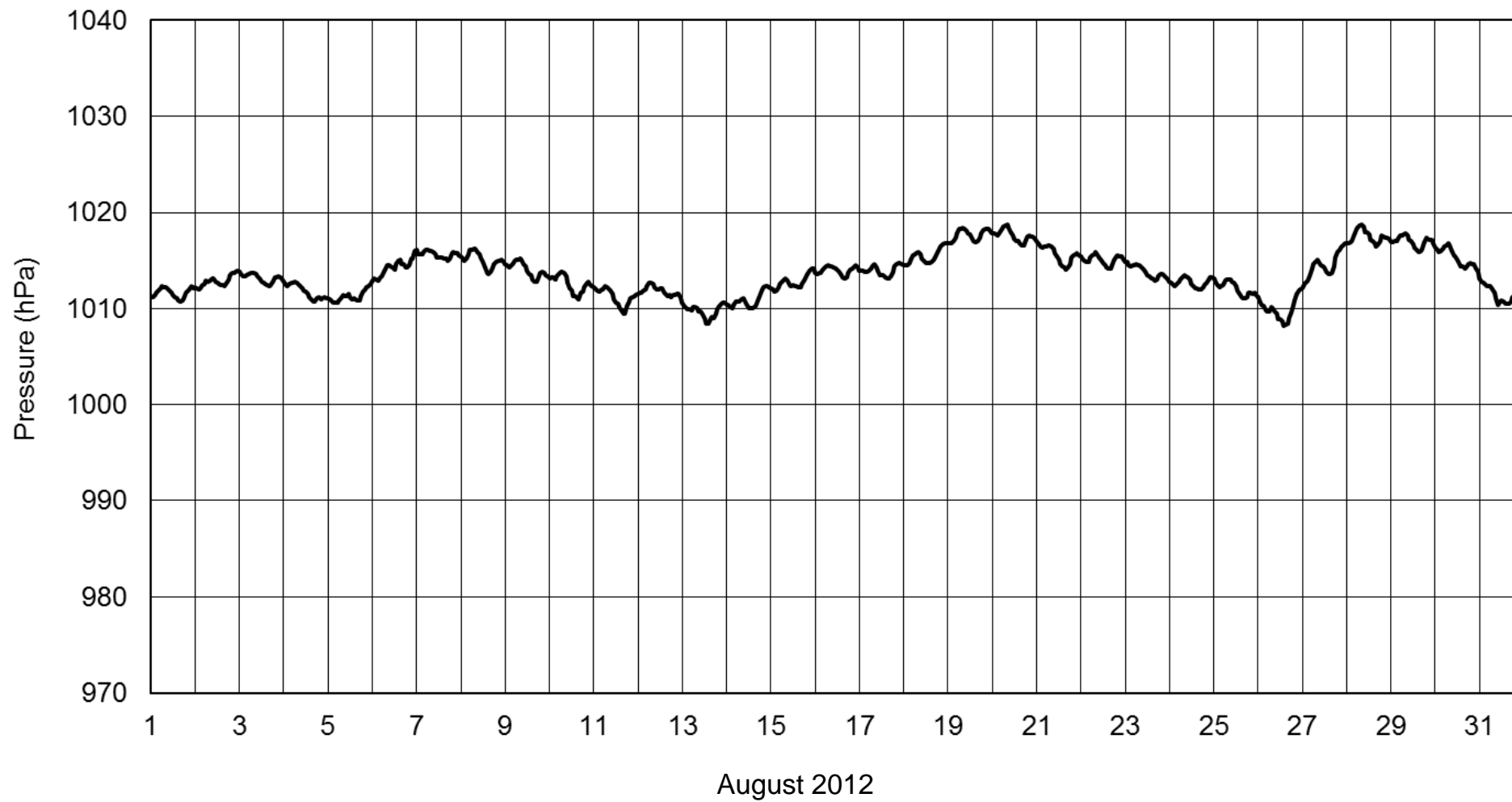
SVIRCO OBSERVATORY - Pressure in hectoPascal



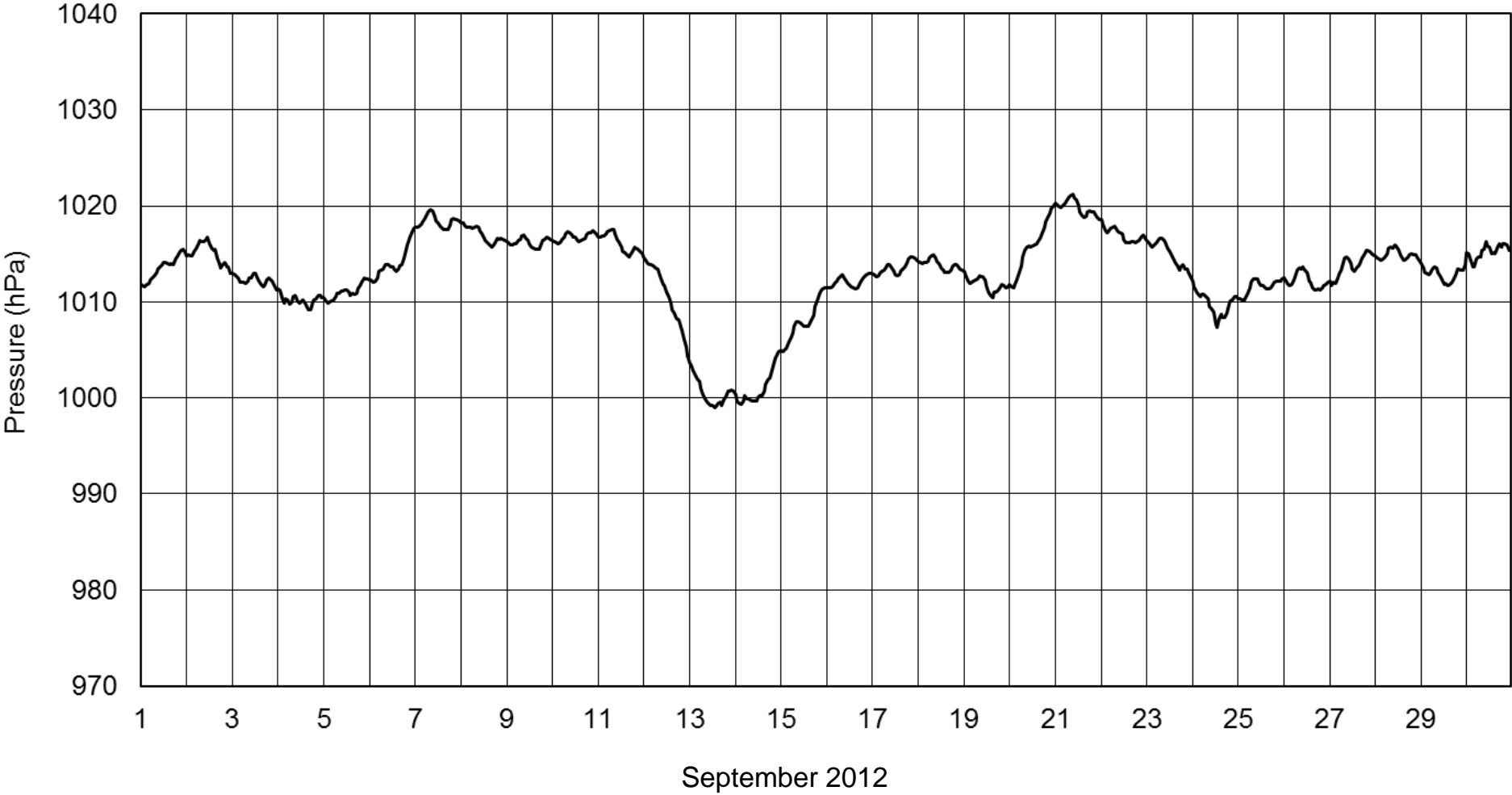
SVIRCO OBSERVATORY - Pressure in hectoPascal



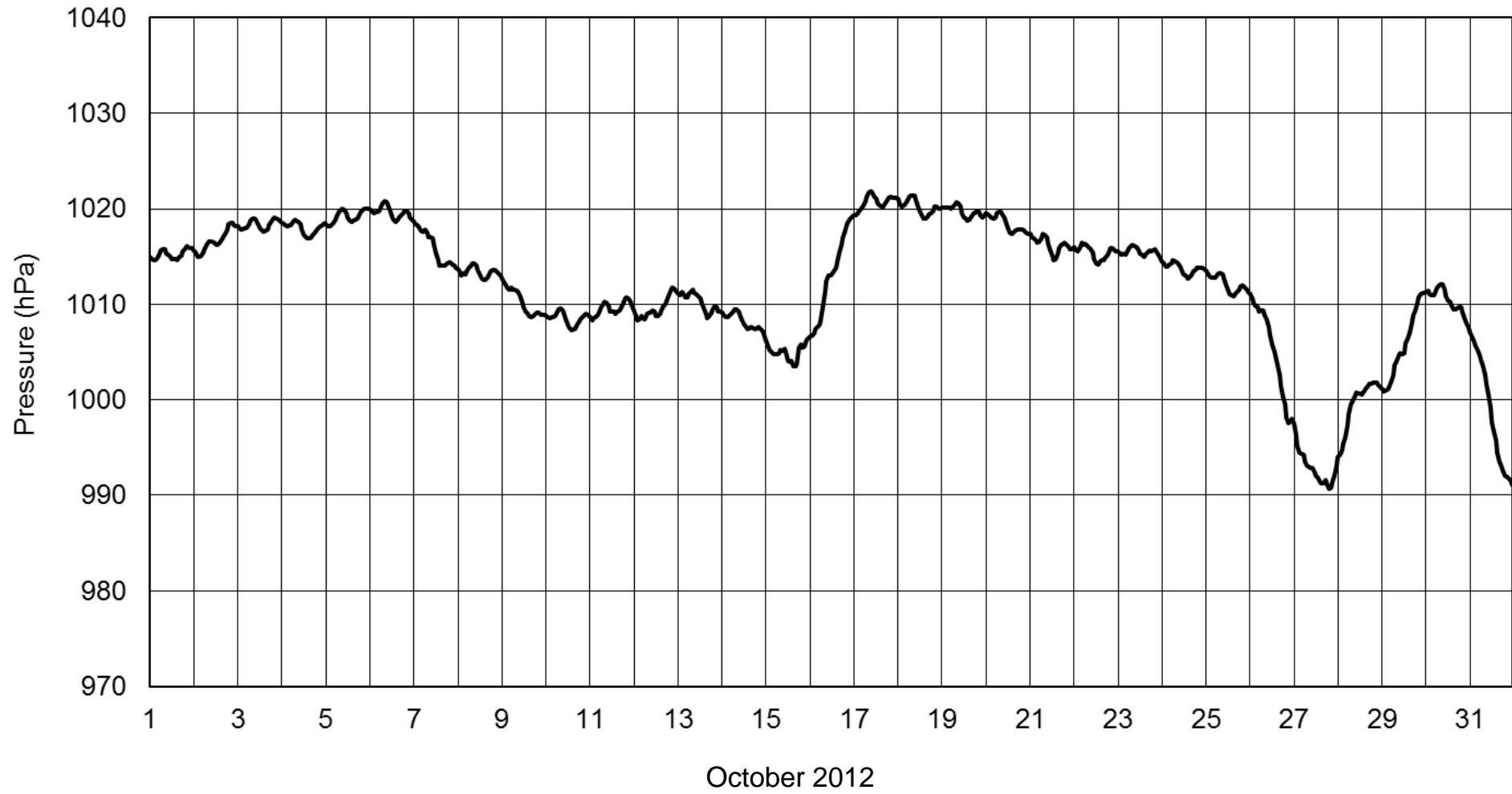
SVIRCO OBSERVATORY - Pressure in hectoPascal



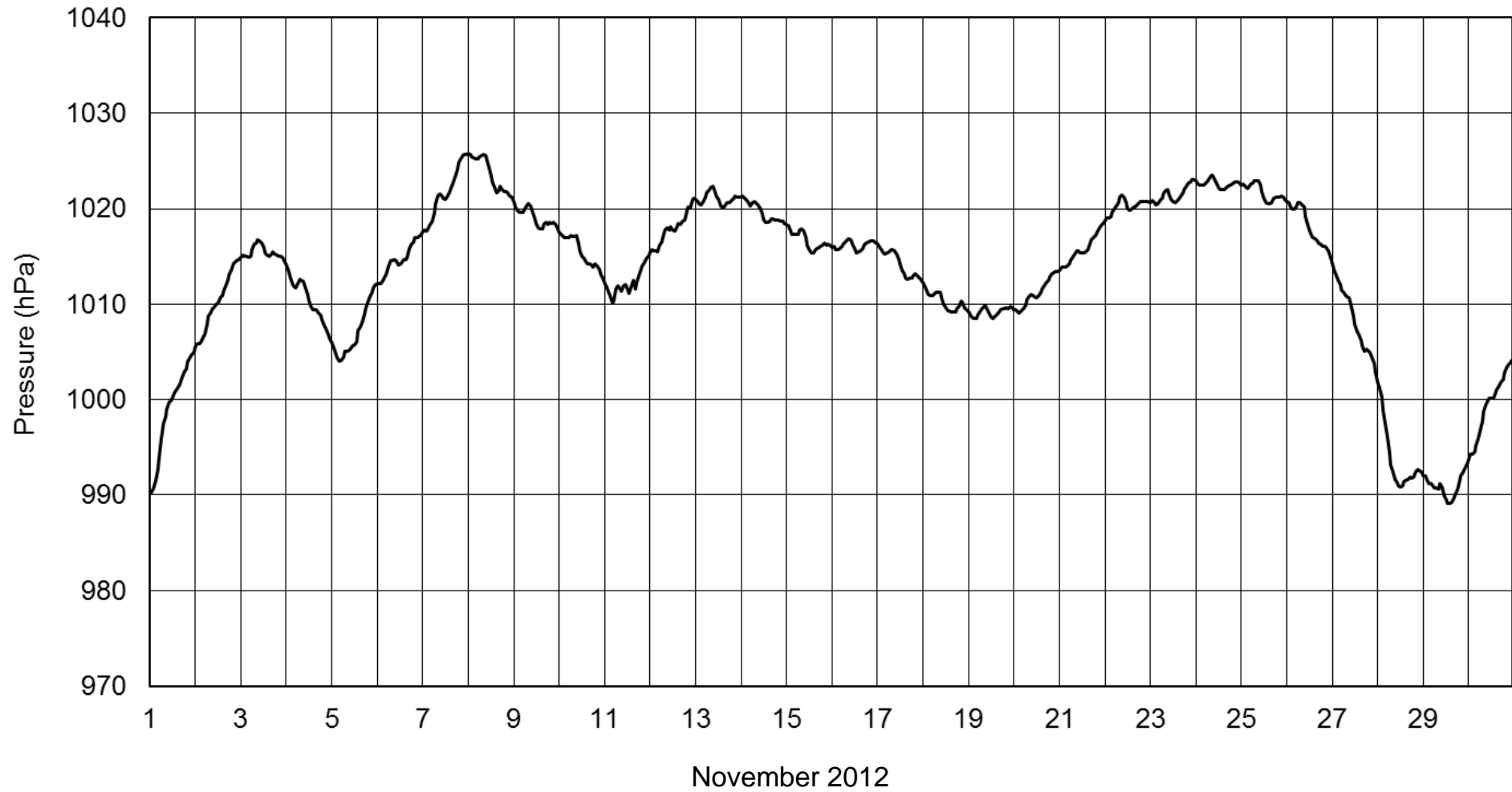
SVIRCO OBSERVATORY - Pressure in hectoPascal



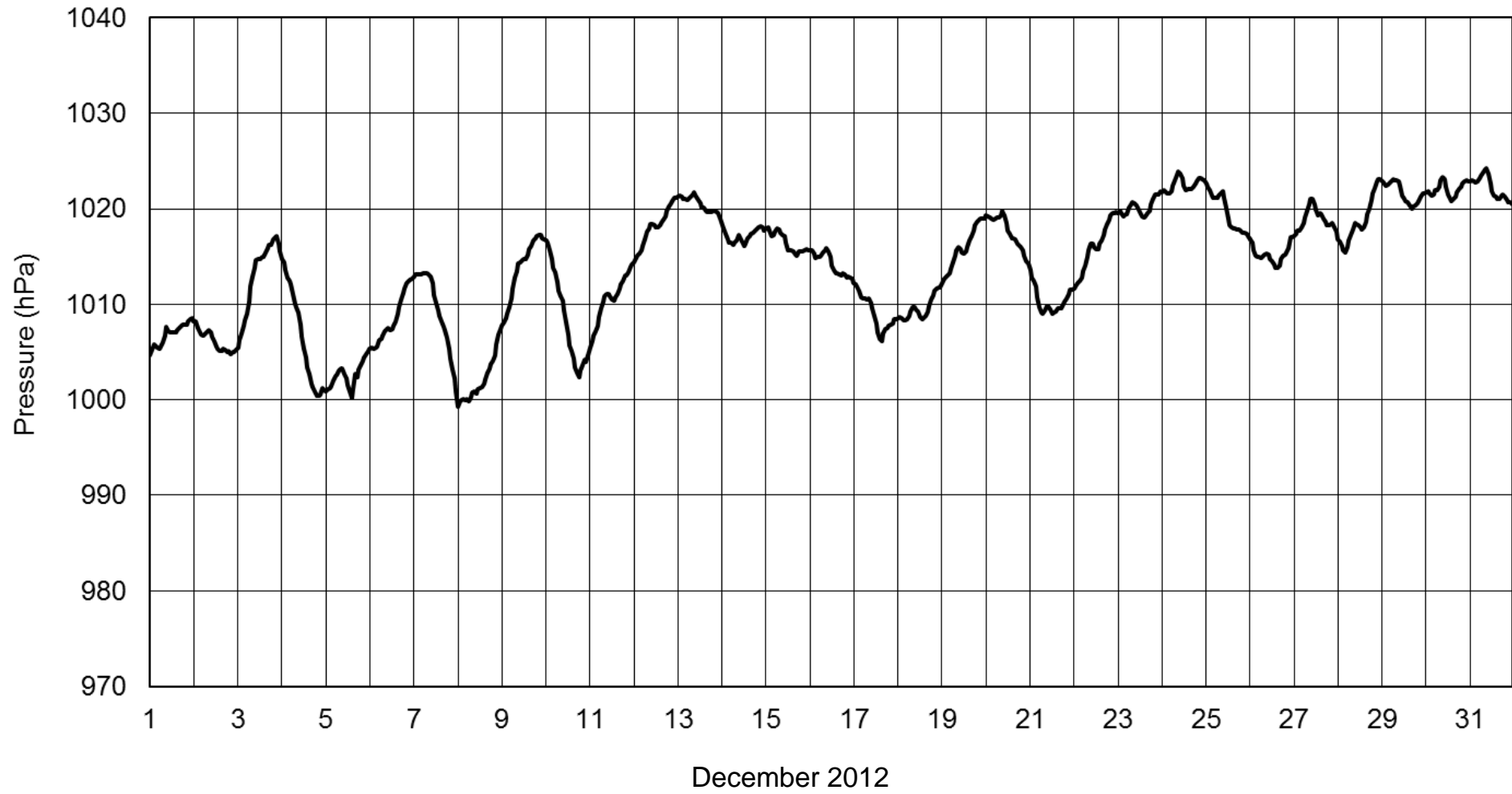
SVIRCO OBSERVATORY - Pressure in hectoPascal



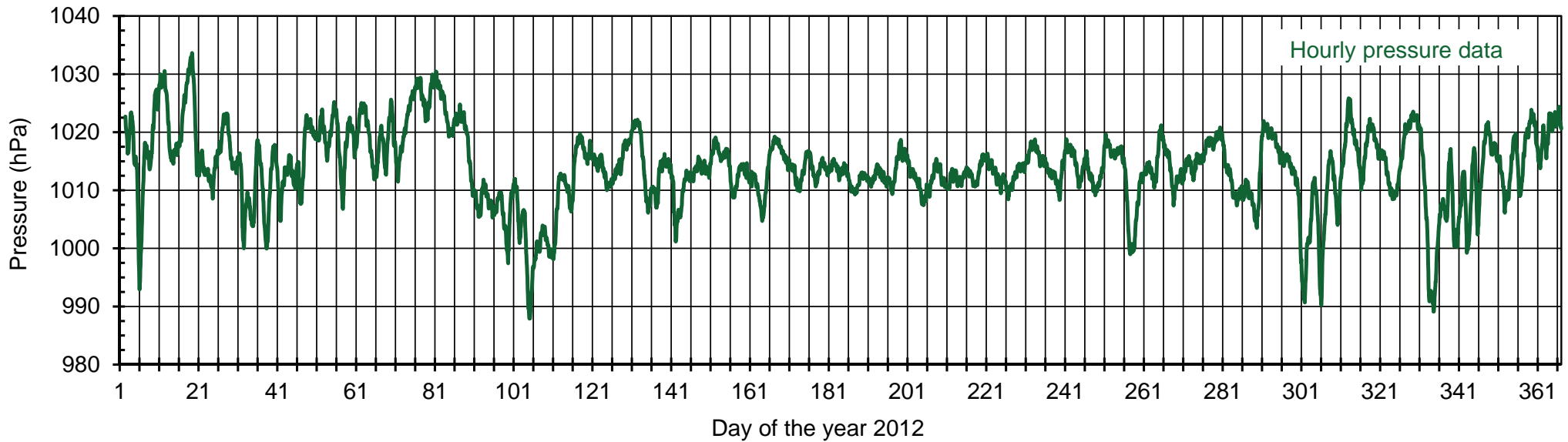
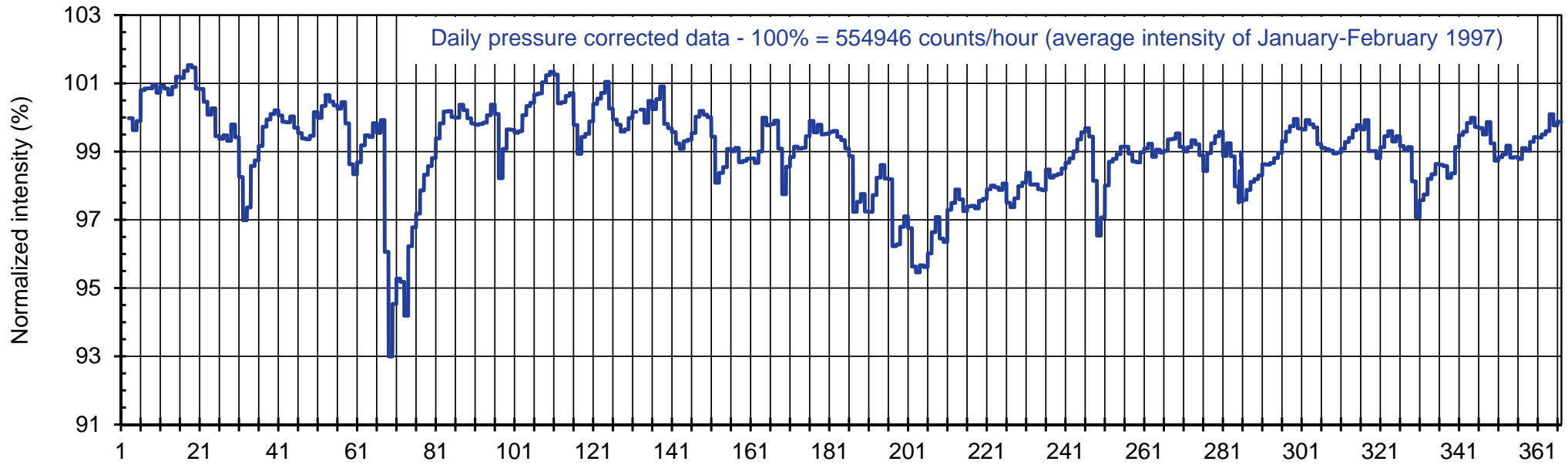
SVIRCO OBSERVATORY - Pressure in hectoPascal



SVIRCO OBSERVATORY - Pressure in hectoPascal

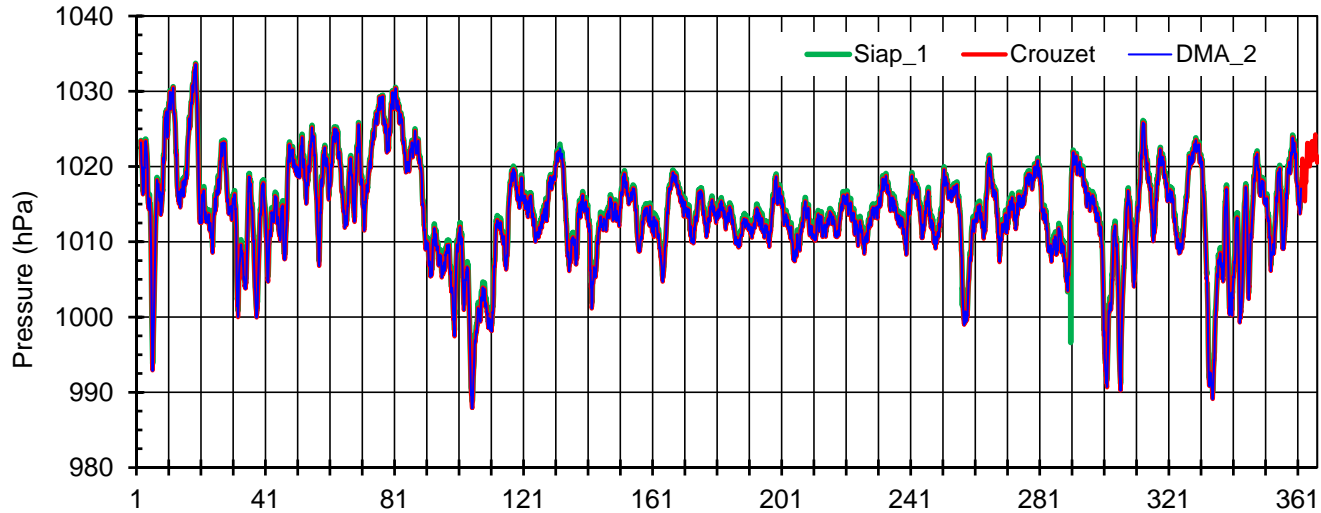


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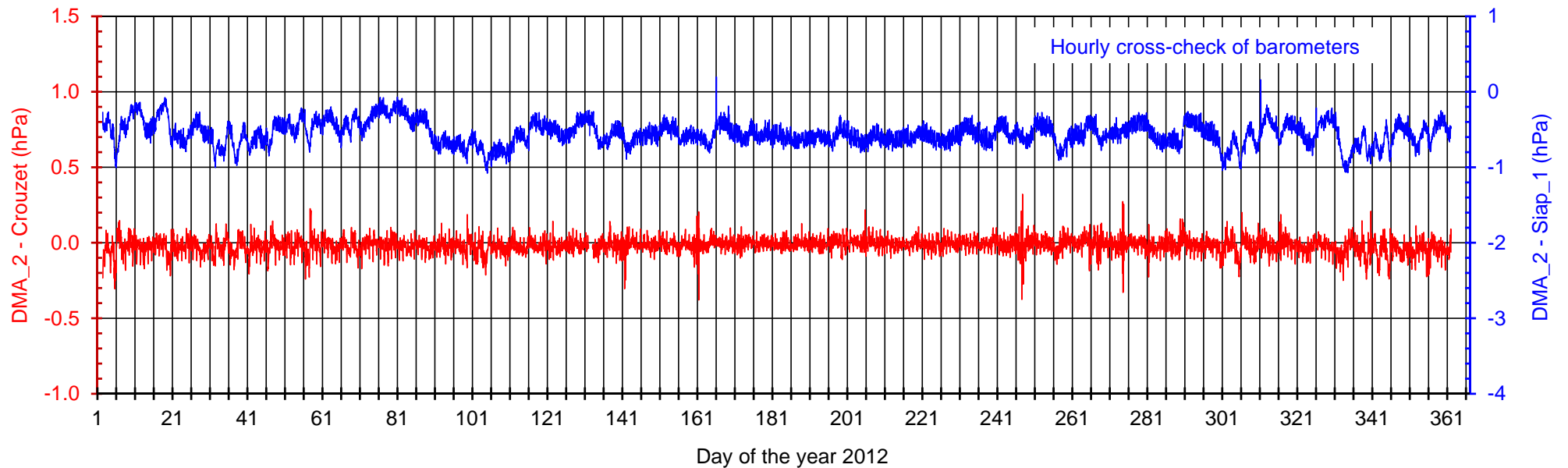
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Atmospheric pressure measurements and check of barometers (hourly data)



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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