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SVIRCO DATA: January to December 1999

Fabrizio Signoretti, Francesco Re,
Marisa Storini and Mario Parisi

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AREA DI RICERCA ROMA - TOR VERGATA

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded by Rome Neutron Monitor, is reported for the period from January to December 1999, together with the barometric pressure data, in tabular and graphic form.

THE SVIRCO OBSERVATORY

During the 1st International Geophysics Year (1957) a worldwide network of “ground-based detectors” for continuous cosmic ray measurements was established. The Rome cosmic ray station was admitted into this network, aiming to study the time variation of primary cosmic rays (Studio Variazioni Intensità Raggi Cosmici: SVIRCO) and their modulation in the heliosphere.

From July 1957 to April 1997, the SVIRCO 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 Rome detector was moved to the Physics Department “E. Amaldi” of “Roma Tre” University. Since then it has been continuously running at the new location (41.86° N, 12.47° E, altitude about s.l.). The observatory has been housed in a reserved building fitted with a double air conditioning system. The inner temperature has been restrained in a range of 23°-28° C, meanwhile the relative humidity has been kept down 57%. Either the environmental parameters have been continuously checked by digital sensors. The detector was a standard 17-NM-64 Neutron Monitor consisting of four 3-counter and one 5-counter units (sections).

All the BF₃ proportional counters (BP-28 type) were equipped with smart amplifier/discriminator circuits, complete with spectrum stabilizers. These new electronic units, developed in our laboratory, increased widely the immunity against variations of high voltage. As a result, the pulses spectrum at the amplifier output of each counter was firmly fixed across a range of more than 150 volt, around the operating voltage.

However, systematic and exhaustive tests of the counters were performed. The output pulses of the amplifiers, discriminated by the threshold gates, were collected and stored into a multi-channel analyzer. Through the analysis of the height distribution (spectrum) of the amplifier pulses coinciding with the discriminator ones, it was possible to verify the efficiency of each counter together with the amplifier gain and the discriminator threshold level.

In addition to the amplifier/discriminator circuits, a large part of the electronic instrumentation working in the observatory was designed and realized in our laboratory, as well as the software for data acquisition and pre-elaboration.

The data acquisition system was remotely controlled by a dedicated computer and timed by a high stability quartz clock. The equipment ran according to a timing of 5' minute and recorded the counting rates of the different 5 sections as well as the rates of the overall multiplicity, sorted into separated counting channels (from 1 to greater than 8).

More details on the acquisition system for 1999 can be found on the included block diagram.

The atmospheric pressure was simultaneously measured by means of not less than three barometers. These instruments were constantly checked out each other for the best measurement accuracy and reliability. Furthermore the barometers, which achieve a resolution up to 0.01 hPa, had been equipped with different kinds of transducers such as vibrating cylinder, force balance and quartz. This ploy allowed us, throughout their different behaviours, to point out potential long-term drifts and eventually to re-calibrate them

The overall stability of the monitor was controlled by means of the section ratios. The hourly counting rate of each section, divided by the total rate, was plotted on a daily diagram. Moreover the daily averages were plotted in a monthly histogram. The annual series of histograms shows the long-term stability of each section.

Finally, in order to verify the coherence between the time variations of the nucleonic intensity recorded by Rome and by another such a similar observatory, a comparative data analysis was performed with neutron monitor data of Hermanus (South Africa - 34.43° S, 19.23° E, altitude 26 m a.s.l.). This observatory was chosen because of its data availability and threshold rigidity, which is equal to 4.45 GV (1995). Both data sets were 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 for Space Physics of North-West University (Potchefstroom-South Africa) for Hermanus Neutron Monitor data.

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 have been reported in tabular form for each month together with the daily section ratios R_i ($i = 1, \dots, 4$). The R_i ratios (%) were computed as rate of each section (channel i) divided by total rate. Only $n - 1$ section ratios have been provided, being n the number of sections.

The hourly and daily averages of the atmospheric pressure, measured in hPa at the Observatory, have been presented in monthly tables too.

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

b) Graphs

The hourly-corrected data were 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, during which the Monitor had been operating 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 has been provided for long-term analysis.

The monthly graphs of the atmospheric pressure have been 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. Marisa STORINI

Head of SVIRCO Observatory & TPL

Istituto di Fisica dello Spazio Interplanetario - Area di Ricerca Tor Vergata

Via del Fosso del Cavaliere, 100 00133 Roma - Italy,

storini@fis.uniroma3.it or storini@ifs.rm.cnr.it

HOURLY RECOVERED DATA - YEAR 1999

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)
02	26	12 - 13 (*)
02	27	11 - 12 (*)
05	04	08 - 09 (°)
06	23	01 - 02 (*)
08	20	02 - 03 (*)
09	03	17 - 18 (*)
09	04	00 - 01 (*)
12	03	23 - 24 (*)
12	20	09 - 10, 10 - 11 (*)

RELEVANT MONITOR AND DATA CHARACTERISTICS FOR 1999

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 17 NM - 64 (*four 3-counter and one 5-counter units*)
Scaling factor 1
Pressure coefficient 0.70 % / hPa
Pressure reference level 1009.25 hPa (*level used to maintain data continuity from 1957*)

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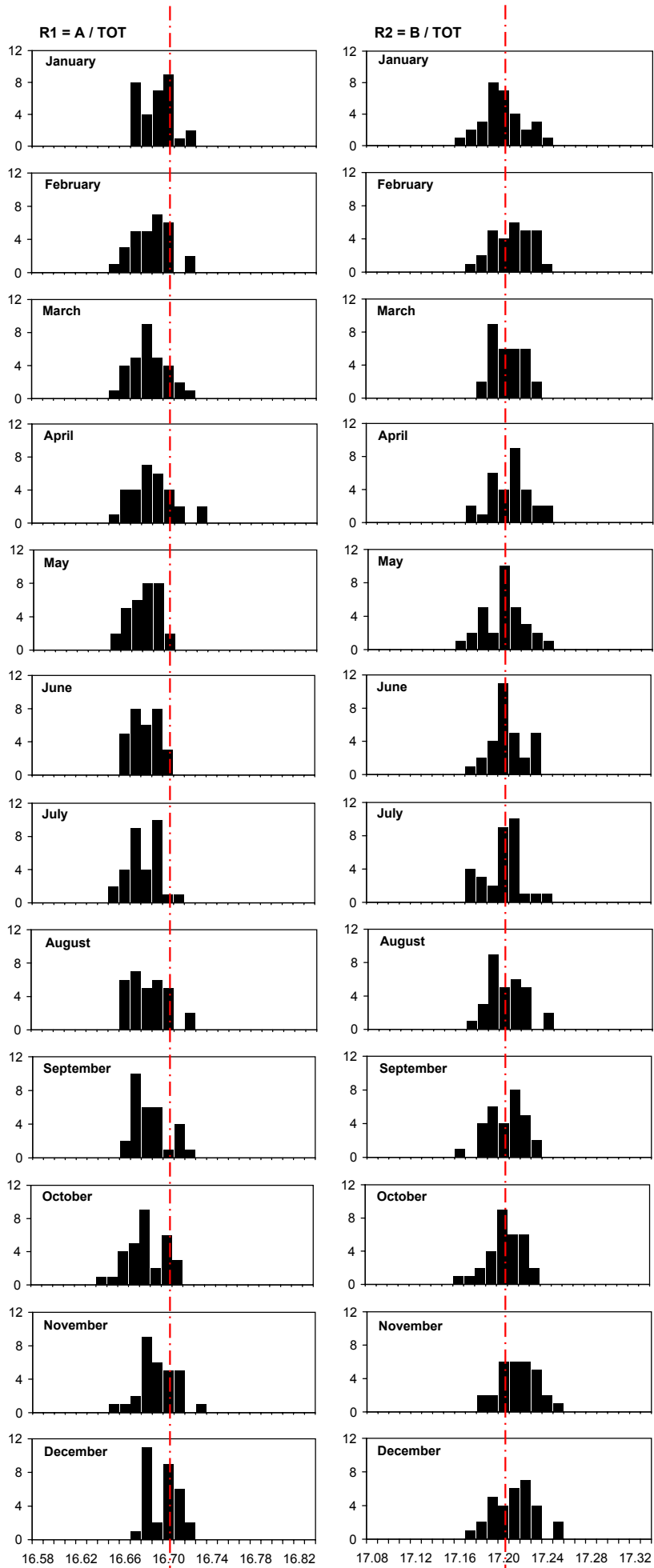
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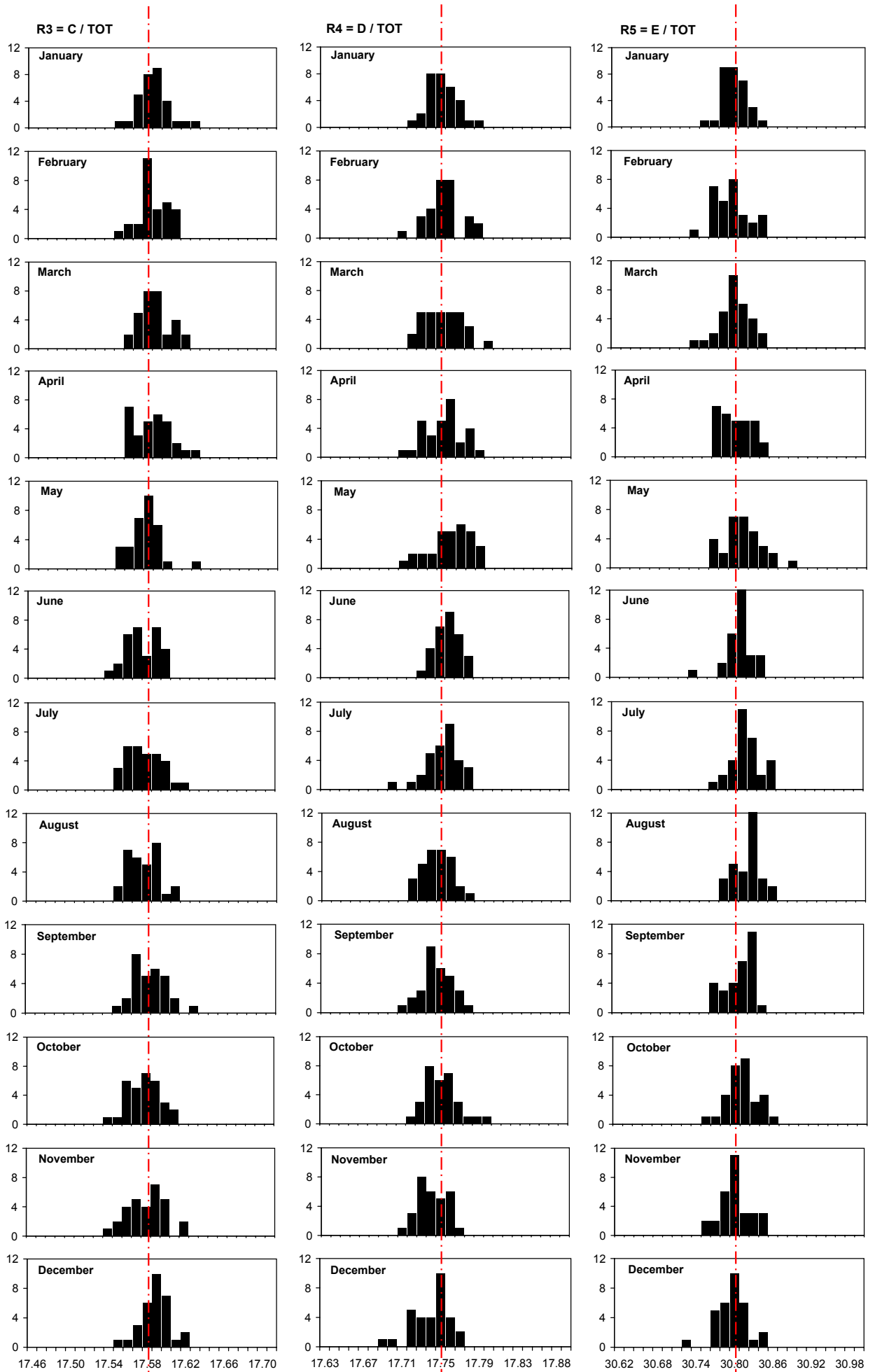
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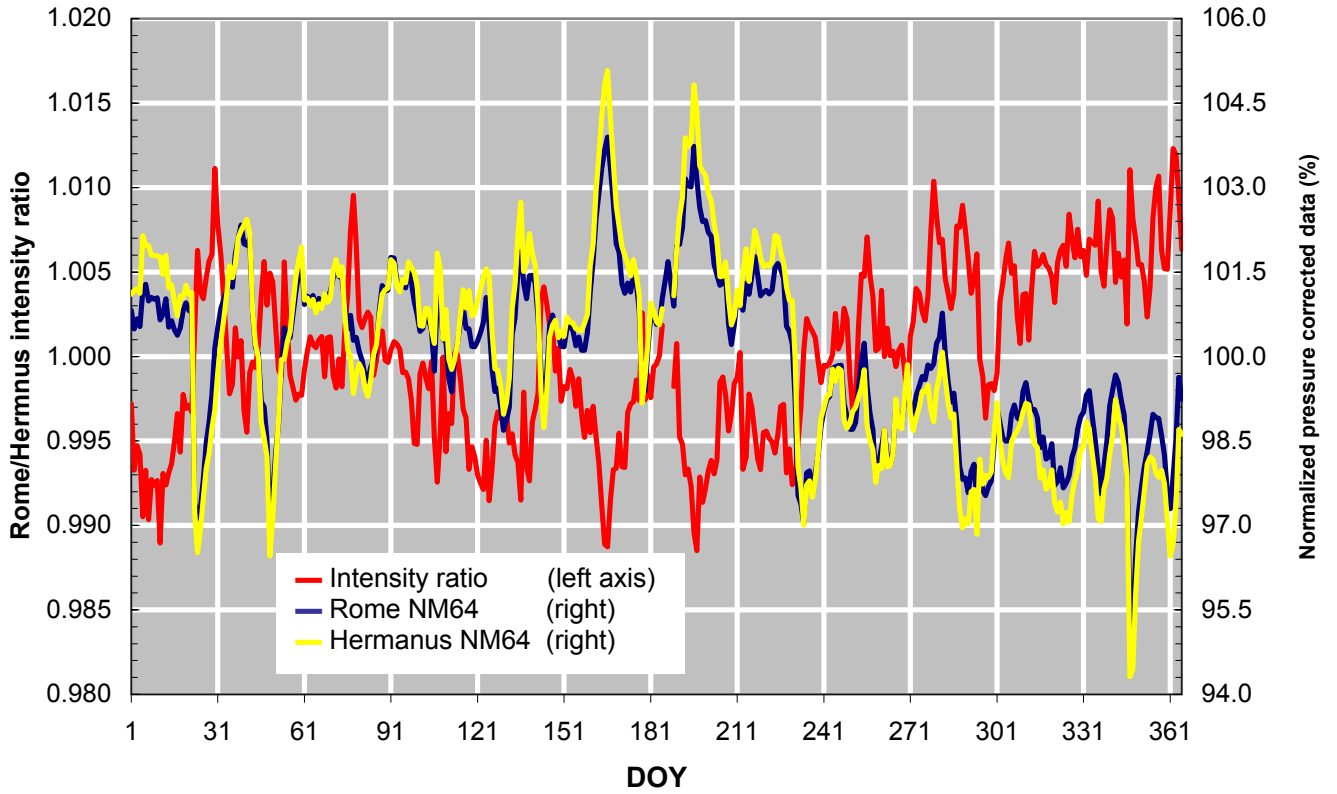


S.V.I.R.CO. Observatory - Year 1999
Ratios of Neutron Monitor Units

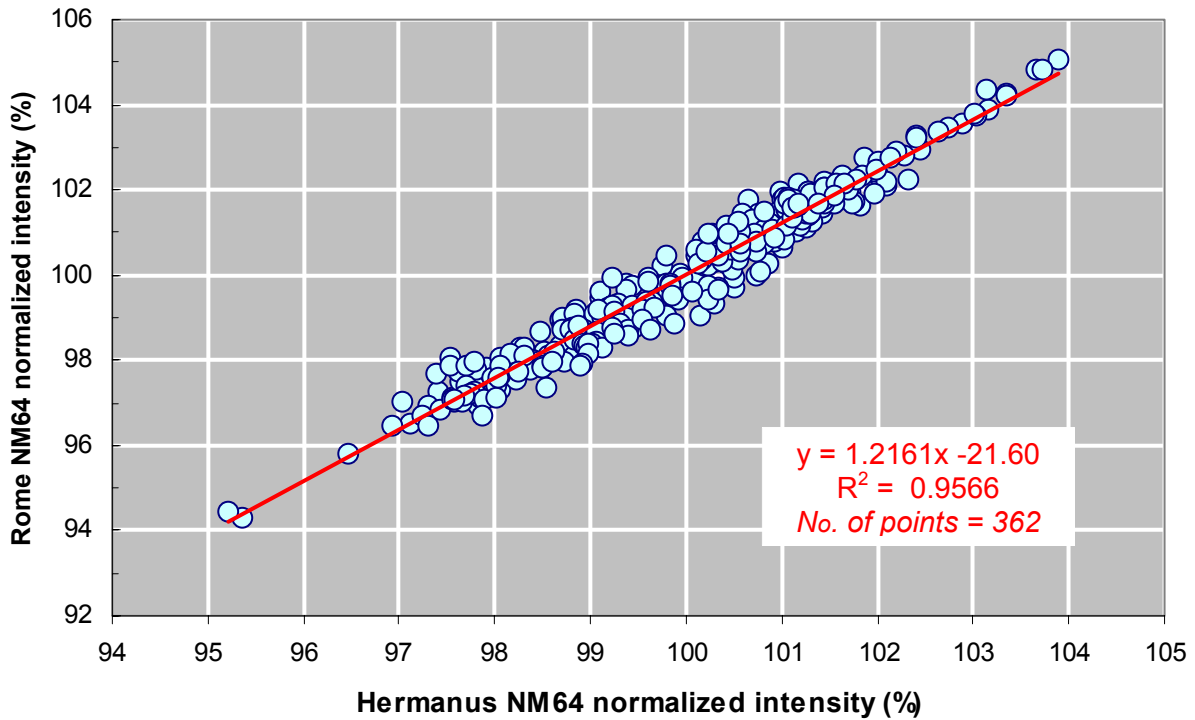


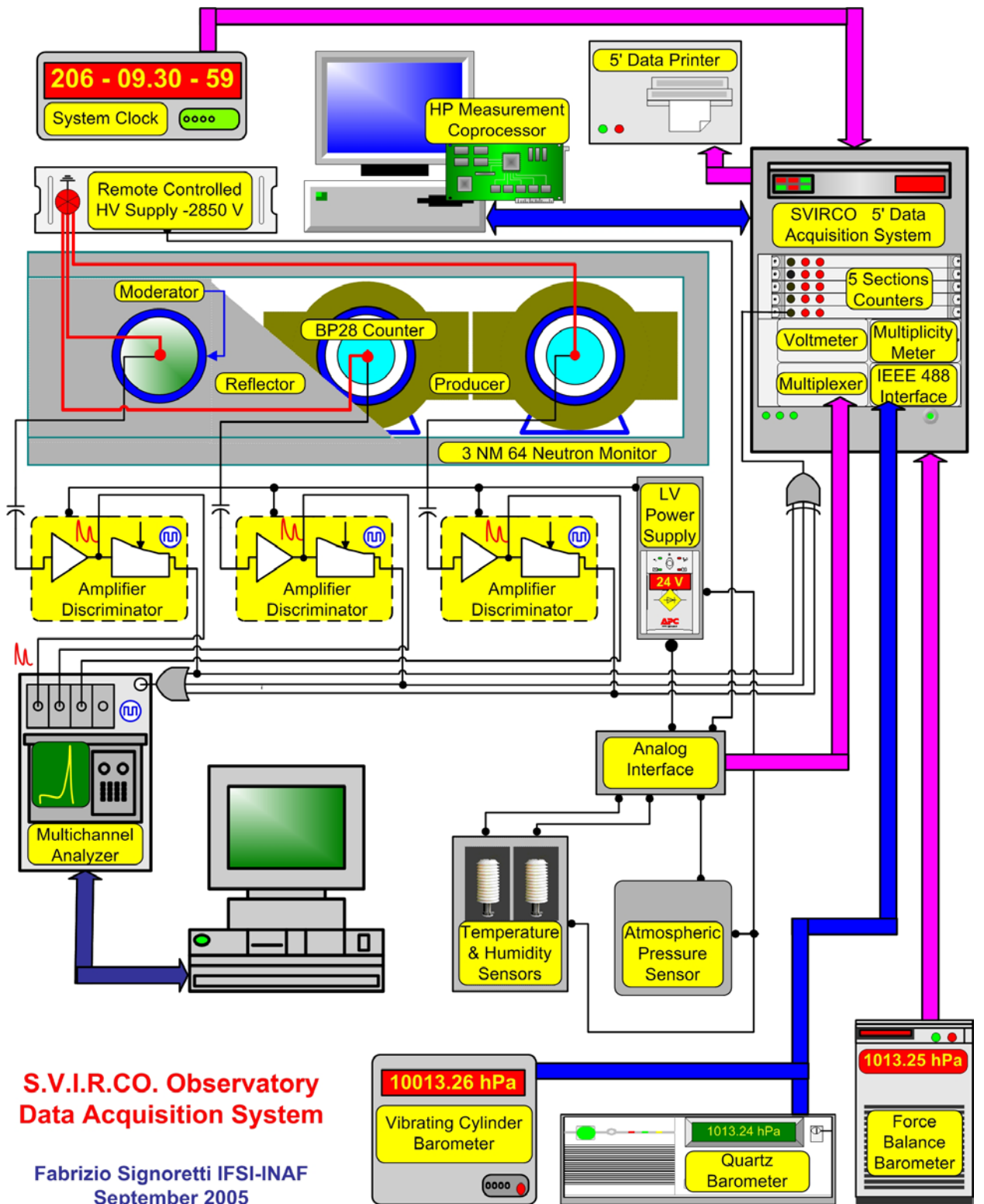
S.V.I.R.CO. Observatory - Year 1999
 Ratios of Neutron Monitor Units

Rome and Hermanus NM64 data - Year 1999
 (Rome: 100% = 463053 cts/h - Hermanus: 100% = 420025 cts/h)



Regression plot of daily values - Year 1999





**S.V.I.R.CO. Observatory
Data Acquisition System**

Fabrizio Signoretti IFSI-INAF
September 2005

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

Pressure corrected data - January 1999

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	465246	465497	466018	466817	466805	467380	466763	469823	466511	469266	468064	469837					
	467983	468715	468235	468383	465545	464891	466571	467233	464834	464240	464117	464591	466807	16.700	17.178	17.570	17.717
2	461827	463301	462937	464704	464569	464411	465472	463776	465190	463348	464750	466564					
	468488	468018	467870	467147	467012	466517	467713	465714	467022	462838	464019	463810	465290	16.702	17.182	17.570	17.735
3	463205	465576	463565	464979	465350	466022	466871	467355	466674	466441	469508	465918					
	469976	469340	465934	468939	467140	466308	466096	465692	466452	463963	462486	462674	466103	16.683	17.195	17.563	17.774
4	461131	461319	463245	463857	465211	465807	466177	467857	468315	466580	467355	467769					
	467857	465902	465009	464934	465939	466568	464465	466145	464942	464737	464613	465629	465474	16.664	17.209	17.572	17.754
5	466963	466727	468291	468074	467822	470132	469394	469258	470560	470269	472138	469681					
	470296	467948	467723	469062	468156	468362	467755	466455	465641	468068	466923	467227	468455	16.692	17.186	17.585	17.737
6	468059	466461	466425	467433	468903	467734	469104	470047	470696	468028	469197	472343					
	471352	471363	473689	472510	471508	466662	464698	468332	469034	465541	467203	468396	468947	16.682	17.180	17.588	17.745
7	466698	466248	465116	466034	467850	467627	467346	467424	469499	469732	469033	467000					
	471605	467221	466911	465911	467713	468771	467245	466604	468158	466897	467709	467298	467569	16.673	17.203	17.593	17.759
8	466516	466653	466340	467620	466856	468193	469621	465774	467514	468757	467683	469279					
	468663	468765	470778	472574	468244	469158	467822	467423	468603	467274	463988	464599	467862	16.692	17.186	17.583	17.753
9	464420	467231	467738	467607	468677	468792	469072	470339	470438	469802	468506	468014					
	469633	469555	470517	465738	465508	464459	466499	467784	465289	466575	466016	466670	467703	16.673	17.204	17.593	17.746
10	467094	465544	466222	465281	466498	467474	468346	468895	468841	469332	469191	469541					
	470030	470753	470190	468891	472368	469732	465026	466658	465230	466632	464924	465022	467821	16.686	17.166	17.610	17.761
11	465404	466720	467015	466849	466801	466543	463375	461896	458425	463487	468512	469753					
	467928	469292	468570	468472	468888	466964	467026	467535	465099	464002	462449	462998	466000	16.670	17.199	17.572	17.735
12	465716	465639	464742	465418	465018	464645	467914	466262	464340	467004	466383	468008					
	468597	468446	469635	465490	465940	468329	466583	467642	465115	467012	467385	464746	466500	16.710	17.154	17.589	17.734
13	465983	464969	463115	465707	465297	465980	467586	466836	464804	465728	465699	465938					
	470390	471402	468169	467064	467397	471738	471914	471514	471674	469468	467080	470468	467747	16.677	17.232	17.571	17.756
14	468441	465331	464076	467017	465104	463737	466551	465496	466414	467178	467369	463440					
	467955	466333	468724	469227	465454	463057	463393	465202	462490	464199	462810	461340	465431	16.669	17.213	17.582	17.746
15	462729	464268	463914	462451	465571	463117	466576	468180	469206	467658	470799	470125					
	468294	468791	466870	467906	467191	464697	467068	465076	463121	461716	462984	464426	465947	16.681	17.184	17.578	17.745
16	465308	463642	463914	464167	462597	466646	465934	466140	466727	463473	468178	467435					
	467703	466949	465657	465070	465478	464816	464600	463073	466483	463237	462155	464962	465181	16.692	17.175	17.611	17.745
17	463507	462665	462136	460954	465959	466061	465318	464550	466775	465962	466621	467471					
	464705	467337	465400	463970	465268	464257	465534	464406	462833	463481	463647	465144	464748	16.662	17.225	17.553	17.731
18	463781	463253	463583	462524	465963	462478	465397	465837	466249	466272	464700	465518					
	465746	466876	463988	467293	467502	465492	466534	464845	466238	466657	466483	465329	465356	16.673	17.203	17.582	17.767
19	464278	465415	465681	465500	467032	467241	468123	467101	465934	467878	467273	468566					
	466564	468186	466642	467277	467154	465038	467371	467164	467925	467083	465109	467125	466778	16.693	17.162	17.575	17.784
20	467313	469225	466308	468134	466902	466768	469137	467642	467051	468973	468048	470198					
	467712	467289	468034	467353	468975	468445	467513	466904	464679	464211	465698	465499	467417	16.696	17.185	17.587	17.755
21	466549	464764	467356	467810	466925	466621	466750	466400	465645	466560	466894	468335					
	465050	467372	468527	467555	467263	468071	467016	466035	465084	466467	465223	468244	466772	16.662	17.226	17.565	17.738
22	467108	467314	467689	466432	469007	469915	468239	467404	466091	468564	465802	468059					
	466949	466091	468630	469132	469639	469172	468275	465576	467505	462302	458349	458076	466722	16.663	17.194	17.620	17.749
23	454620	454001	453979	454758	457108	458826	462700	463465	461250	456989	449517	448149					
	447822	444300	442868	442790	444587	446606	444891	444000	446605	446428	447759	449679	450987	16.719	17.197	17.562	17.728
24	449557	450913	449087	449626	449815	450849	451739	449465	450234	449935	447882	447792					
	448745	449114	450246	449514	449987	449613	448867	450263	448768	451003	451648	447986	449694	16.667	17.216	17.591	17.726
25	448144	448070	448601	450505	449115	451490	450570	451051	450202	453123	452137	452311					
	453466	453341	449452	449402	451860	448608	449775	448416	450994	449527	451210	450958	450514	16.698	17.197	17.575	17.735
26	452983	452116	449274	450902	451860	452620	454089	452134	453313	454014	452180	454934					
	454628	456836	454406	454430	454472	453330	452122	451335	450901	452626	452032	451835	452891	16.690	17.197	17.548	17.766
27	452844	451809	451868	450794	451361	453961	453601	455562	456944	455240	456094	458399					
	459982	459660	458199	459187	459068	459322	457567	458684	456759	454645	455826	453907	455887	16.668	17.184	17.584	17.748
28	453489	454766	453581	454270	454653	455388	456456	458772	459728	459464	460827	461128					
	462483	459649	462126	461257	460988	458744	456607	455976	454221	455594	457602	454711	457603	16.682	17.178	17.578	17.757
29	455479	456868	457005	458233	458471	458507	461049	459755	463070	461617	464439	461002					
	463272	463674	462233	462278	460230	460577	456668	456098	458628	460240	459865	457831	459879	16.688	17.225	17.566	17.733
30	460958	459144	461212	461546	463193	463371	463406	466268	466787	464407	467627	466773					
	466117	466186	465357	463496	463788	462647	462862	462306	461822	460519	464681	464182	463694	16.697	17.190	17.586	17.74

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UT	1	2	3	4	5	6	7	8	9	10	11	12	DAILY				
DAY	13	14	15	16	17	18	19	20	21	22	23	24	AVG	R1	R2	R3	R4
1	468208	465700	467338	465466	466617	466563	467303	467659	468514	467019	469449	469353					
	468062	470337	468312	466229	465713	466354	465262	464634	463905	466968	465167	466841	466957	16.681	17.190	17.574	17.753
2	467064	469305	468172	468888	467883	467938	467954	469793	470835	468602	466625	468065					
	467227	467243	465593	464328	467637	464276	466184	466673	468717	468594	469565	466815	467666	16.713	17.183	17.561	17.755
3	469054	467441	469947	469437	468378	468784	469141	468776	470640	467619	467669	467964					
	466892	467804	466407	469130	467633	467234	466600	470009	467519	466563	470227	470700	468399	16.694	17.206	17.565	17.773
4	466268	467149	468245	468863	469192	471079	468499	469982	468614	471438	471080	469211					
	469590	470219	468823	469747	469130	469566	469833	471956	468911	469979	470485	468556	469434	16.697	17.179	17.591	17.754
5	467828	466275	467749	466476	468528	467897	467221	468590	468933	467977	469936	470459					
	468495	467345	469038	469360	469365	473035	470708	469313	469280	467927	467877	469393	468708	16.688	17.217	17.581	17.736
6	465912	470177	467966	469012	469139	470769	470119	468768	469722	472365	473054	471640					
	472800	473146	473821	475396	474367	474129	472430	472080	473327	471314	471392	470824	471403	16.676	17.200	17.572	17.757
7	469372	471192	472388	473113	470901	473164	474411	473246	471494	473474	469336	471758					
	473827	472483	475356	474919	472869	474431	473136	473374	472852	473057	472565	472254	472707	16.657	17.218	17.576	17.760
8	471097	471909	472997	471574	474496	473976	474290	473997	473365	475348	474778	471915					
	474369	474312	477159	473185	475282	475784	473076	474186	475993	472427	471831	474059	473809	16.682	17.195	17.577	17.750
9	473945	471973	472546	470486	471914	468855	471834	470624	469540	470090	471710	474466					
	474372	474020	471074	475495	471614	474164	473663	474071	474501	470723	471054	472335	472295	16.668	17.200	17.574	17.745
10	472060	470245	470235	470872	471027	468555	473714	472569	473589	474743	471396	472283					
	472697	472957	471581	471954	472155	473072	473636	473248	472095	471861	473107	472031	472153	16.676	17.233	17.576	17.755
11	470569	471934	470989	471876	472496	473488	473727	473287	473866	473994	473322	473645					
	475872	475705	474810	475724	474972	475654	472363	471404	472561	470909	467872	464472	472730	16.672	17.185	17.574	17.751
12	460918	459950	459586	460299	464258	466062	465403	465848	468125	466653	466249	469828					
	472277	473216	474948	472109	473282	473064	468576	466909	465017	463796	462684	460311	466640	16.691	17.196	17.599	17.749
13	459885	462646	460518	461770	463505	464564	463672	466152	465490	467527	466185	467621					
	467052	465386	465920	464831	465373	461957	463238	461547	461865	461446	461045	460002	463717	16.659	17.216	17.581	17.731
14	459549	461075	460785	461880	463742	461370	463445	462271	462960	462560	466638	466478					
	468900	468755	466161	466759	464393	463546	463525	462203	461067	461550	460490	458101	463258	16.667	17.209	17.577	17.748
15	457166	459222	458298	458360	458553	458729	460193	459404	460636	462091	460484	462670					
	461466	461297	460527	458488	461455	457599	460698	457307	456428	457666	456982	457451	459299	16.696	17.222	17.601	17.721
16	457809	456936	458122	458637	459178	459639	458401	459127	458645	459678	460487	461248					
	460666	459339	458689	460579	460051	459802	458651	459456	456673	458052	455636	457361	458869	16.682	17.164	17.575	17.748
17	457583	458150	456917	457412	459128	459375	461285	459480	457045	458803	456943	456432					
	456242	457464	456653	453583	455803	453352	452507	454164	451222	453880	450657	453138	456134	16.673	17.213	17.591	17.784
18	454345	451640	449738	447173	453962	454996	454998	456363	456610	455029	458159	452855					
	450143	445297	446397	443963	443156	441386	443290	441481	442574	441474	444354	442204	448816	16.674	17.174	17.559	17.750
19	445097	446973	447012	445493	445976	447109	450554	448292	452350	451160	454797	455681					
	457147	457601	458649	455120	455359	455037	453900	451693	451393	451916	451218	451731	451719	16.696	17.221	17.571	17.742
20	455016	454929	454895	454217	452895	453511	455490	455850	455821	455292	453910	453889					
	456592	457782	456248	456984	457122	455675	455154	454048	452976	454450	453044	454231	455001	16.667	17.205	17.609	17.723
21	455864	454312	455065	454519	458242	458833	459701	461256	461702	459163	459462	459702					
	457818	457709	455523	453845	457160	454628	457089	457911	457384	457051	457115	457992	457460	16.648	17.229	17.603	17.734
22	459738	462145	459826	459437	460472	462911	463585	461457	462492	460433	459579	461617					
	461890	463544	461779	460999	459654	462095	461361	465048	463756	466563	466093	466622	462212	16.663	17.225	17.593	17.757
23	464516	463836	464135	465829	465980	465540	463982	464712	465476	464019	465158	467335					
	466473	467386	466569	466949	466522	466627	466195	465996	465328	464139	462798	463434	465372	16.689	17.224	17.543	17.709
24	465269	463591	465028	463544	465203	464069	465194	465612	465199	465549	466227	467356					
	467462	467091	467673	466083	464893	465507	464520	465596	463831	461442	461021	462224	464966	16.680	17.186	17.587	17.775
25	463491	462992	463427	463196	463624	462117	464157	467643	465749	466944	465714	466571					
	465964	466300	463969	464664	465127	462898	464584	463053	464586	464537	464069	463556	464539	16.663	17.205	17.555	17.787
26	466773	463593	465831	465918	466646	468262	466567	469069	468211	468859	469415	468671					
	466234	465142	466846	465157	466997	465764	462680	465743	465954	464941	465780	464956	466417	16.698	17.198	17.603	17.723
27	464661	465868	462847	466032	465449	465611	465961	467962	469403			472894					
	470928	471624	472065	469611	470013	467961	468633	470274	468584	468297	468985	468416	468276	16.682	17.189	17.596	17.776
28	462945	465594	464469	465489	467150	468510	466200	471312	469769	470500	470682	470955					
	469616	471103	470961	470269	471364	465908	469976	472256	474970	475330	476319	475708	469890	16.711	17.205	17.575	17.747
MONTHLY	463286	463455	463395	463403	464448	464724	465250	465682	465886	465812	465868	466520					
AVG	466467	466486	466127	465552	465659	465018	464695	464844	464403	464173	463908	463776	464959	16.680	17.203	17.580	17.750

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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	475936	473258	475145	472875	472291	475130	475404	471440	470921	469561	468448	468903					
	469566	470360	468221	470634	470763	470251	470975	471904	467854	466267	468126	468112	470931	16.653	17.210	17.585	17.734
2	466188	467765	468208	467724	467758	467878	467933	469125	469882	469216	465703	468055					
	467922	469735	466041	468098	467200	468092	466400	465705	465881	465101	464237	464834	467278	16.699	17.194	17.571	17.727
3	464041	465112	465935	464097	464551	466222	466631	468171	468583	466831	469188	469094					
	468594	468056	468297	468900	471022	471921	469304	470851	468039	469651	470081	467982	467965	16.658	17.215	17.584	17.755
4	467510	467088	465434	465500	466149	468372	466027	465604	465063	466194	468652	466182					
	469996	467789	469757	469800	470723	467528	468632	469659	467548	468327	469321	469258	467755	16.656	17.204	17.561	17.792
5	468712	470496	469771	469792	468940	466974	467292	466364	466935	467498	468309	467690					
	467673	468249	468160	467978	469379	468010	468064	468304	466940	467346	466708	467127	468030	16.669	17.223	17.570	17.747
6	464988	466455	467647	466161	466613	465329	466348	466415	466062	466271	467225	466492					
	467267	466452	468530	467017	466156	468667	466868	466770	468537	466970	468492	466325	466836	16.695	17.194	17.601	17.729
7	465153	467819	468033	468836	467539	468764	469675	468793	468374	467119	467920	465623					
	467233	469359	465527	467000	468453	469106	468045	469181	468134	467426	467936	465935	467791	16.680	17.220	17.609	17.759
8	467819	467152	466899	466504	465165	466739	468168	468626	469141	468642	469246	468911					
	466225	468870	468918	467088	468615	468669	465795	467516	467218	465594	467121	465823	467519	16.704	17.186	17.590	17.771
9	466361	466360	466455	466458	466558	467898	466764	467083	467149	467881	466699	468606					
	467793	470030	470007	468662	468710	468157	466921	466970	464688	465787	471458	468448	467579	16.720	17.178	17.591	17.745
10	467943	468140	468929	467591	468767	468787	470748	470999	469772	470871	467797	467445					
	467590	468328	466048	467430	465869	467093	466921	468053	466705	466577	465121	467846	467974	16.706	17.189	17.569	17.757
11	469481	469019	471894	467696	468650	469585	468154	468453	468934	469520	469485	466382					
	468573	466508	469107	466590	466966	467878	467316	468994	468657	466774	468333	467382	468347	16.695	17.180	17.563	17.763
12	467345	469347	469008	471927	469642	470566	469815	469418	470968	471542	472918	471632					
	472853	470695	471551	467815	468380	467826	468966	465424	467804	468363	466864	467694	469515	16.673	17.204	17.568	17.755
13	469597	470889	470723	471575	471134	470353	468913	469523	471312	471608	469487	472683					
	473636	472082	472172	470906	469248	467691	466319	467833	469240	470316	467441	468099	470116	16.671	17.212	17.557	17.716
14	467434	466199	468406	468296	469127	470760	471254	474608	473511	473313	473651	475325					
	471682	470709	471923	469258	470489	466610	466654	465375	468192	467590	464505	464938	469575	16.670	17.184	17.590	17.763
15	464564	461840	462959	467672	468127	469283	472495	472537	474233	475354	473588	474541					
	474108	471986	473041	472077	470346	467876	470359	468623	465805	466566	467437	463900	469555	16.663	17.187	17.614	17.734
16	466021	466122	465084	467223	468415	470405	468835	468157	473005	470347	473711	470548					
	471827	469519	468288	467418	467117	463044	464802	463964	463522	461743	463484	462419	467293	16.675	17.200	17.567	17.722
17	461359	463243	463581	465172	464599	464826	463691	465570	465315	464817	467598	467703					
	466483	464251	466029	465998	466282	466438	467484	465172	467055	464391	463961	464941	465248	16.652	17.217	17.587	17.764
18	464425	464681	465917	464786	465033	465141	466253	467279	466214	468060	468899	469871					
	468349	468642	468890	466847	466757	465635	467459	465224	464817	463695	465223	462069	466382	16.661	17.175	17.598	17.770
19	464289	463778	462068	464530	464461	465901	465740	465342	464796	465651	463490	464377					
	464701	465069	464155	466156	463163	464094	461719	460890	463805	465173	464794	466095	464343	16.670	17.196	17.581	17.748
20	467248	464195	463635	464704	466500	467004	467485	468018	466006	466462	465287	465973					
	463360	465001	464992	464615	462650	463818	463093	462744	461967	462305	462888	459806	464573	16.699	17.206	17.575	17.746
21	461870	462966	459530	464705	461695	465128	464767	464033	464418	464459	464428	466475					
	464111	463870	464091	464973	465193	462728	462876	462191	463020	461371	460846	462399	463423	16.679	17.204	17.601	17.751
22	461412	461755	461427	462027	462965	463128	461921	463040	463926	463622	462675	463148					
	463172	465239	463847	463114	464589	463022	461808	462146	462324	462121	461313	461226	462707	16.683	17.204	17.576	17.726
23	459240	461130	460991	459510	459974	462015	461255	463031	462279	463455	463034	464160					
	464452	464315	462648	463044	461449	461571	459921	458696	460452	459008	460069	459480	461466	16.647	17.187	17.578	17.761
24	459897	459882	461233	458813	461835	461211	461813	458693	460948	463155	461761	460061					
	462972	463029	461306	461092	461801	461297	460050	459726	460048	461727	461439	458948	460947	16.682	17.208	17.601	17.724
25	461545	461178	463416	461673	462956	462213	460010	460939	462887	462809	462490	462134					
	462015	461769	461604	462151	460853	462735	463515	465953	462853	461736	461567	460079	462128	16.668	17.218	17.570	17.739
26	460691	458734	461621	459680	459619	460047	461609	463898	463653	466951	468928	465824					
	467600	464600	464903	464626	462502	462407	462403	460119	461281	460442	462862	459203	462675	16.667	17.182	17.613	17.739
27	460764	461099	459597	461763	461084	464138	464139	465516	462935	465523	465452	467520					
	464222	466142	465670	466891	465545	461403	462747	463077	464319	462141	465694	465856	463885	16.682	17.190	17.560	17.748
28	466820	467706	467512	466196	468248	465564	468583	467300	467588	467801	468451	467461					
	469475	467636	467061	467379	464765	463158	464830	462862	463806	466262	468209	469368	466835	16.677	17.194	17.572	17.772
29	470525	468140	468117	467001	467702	469091	466599	466335	468119	467584	467435	469818					
	469685	470365	473780	471176	470302	467570	467617	469329	470357	468702	469376	467123	468827	16.671	17.216	17.587	17.714
30	466762	465236	468737	468342	467237	465547	467569	469331	469283	469130	469055	471945					
	468759	468980	468933	470514	467867	468778	468832	468938	466713	468465	468614	467897	468394	16.679	17.192	17.587	17.768
31	469578	469785	466653	468834	467097	468657	467234	468293	470890	469892	468702	468021					
	470008	470607	469506	467593	466550	468094	467833	467800	466561	466889	468804	469095	468457	16.690	17.180	17.578	17.734
MONTHLY	465662	465696	465954	466054	466143	466860	466875	467159	467616	467779	467733	467826					
AVG	467803	467685	467516	467188	466765	466167	465952	465806	465618	465317	465881	465152	466592	16.677	17.198	17.582	17.748

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UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG	R1	R2	R3	R4
1	470167	469108	470599	469725	469449	471891	471848	472712	470728	472313	471457	471768					
	471278	472071	470978	472464	471743	471275	469938	472246	471287	470346	472233	470086	471155	16.678	17.201	17.586	17.724
2	469532	468771	472242	469120	469763	469636	470159	470502	470225	472576	470413	471526					
	471384	471061	471830	472100	473385	472721	471492	472941	472862	471063	469787	471177	471095	16.666	17.191	17.599	17.762
3	468952	471099	469700	469665	470301	470378	468010	468519	468991	470396	469623	468258					
	470039	469651	468516	467967	468422	469050	469298	468582	468782	468951	468927	467235	469138	16.703	17.184	17.580	17.751
4	466411	468923	467437	468055	469663	468907	467342	467602	469342	468245	471603	471475					
	469414	470071	467835	467372	469746	468947	468574	467911	468834	468178	466117	466372	468516	16.725	17.175	17.558	17.775
5	466543	468054	467850	467159	467335	469706	468195	468630	468265	468660	468690	471283					
	471038	471424	471673	470052	470626	470146	469638	470732	467375	467893	466991	466121	468920	16.664	17.208	17.602	17.725
6	466328	466507	465904	467250	467536	467484	470124	469354	471632	469838	469638	470482					
	469928	469802	471788	469220	468401	468999	470130	468824	466679	468051	466196	467585	468653	16.697	17.187	17.553	17.746
7	465983	467894	466871	467101	466954	468345	470670	469124	467771	473057	470756	471181					
	471850	472188	471150	471933	473205	473021	471617	470581	470693	472293	470646	469270	470173	16.656	17.189	17.619	17.714
8	468927	469950	468072	468105	470207	468668	467449	469102	466436	467900	469727	469525					
	470068	469332	470329	469148	471876	470246	468755	468276	467772	468772	470134	470007	469116	16.682	17.202	17.581	17.759
9	467466	470467	466844	468709	467149	467387	469041	470918	471194	470905	468527	470687					
	471212	470681	470340	468961	466953	466459	465446	461223	460747	462385	463879	462712	467512	16.673	17.232	17.558	17.777
10	463056	465221	464696	464260	467147	468225	468673	469485	468309	468336	472484	469345					
	468502	467809	464765	464484	465127	465666	466101	464824	464759	464597	462464	466678	466459	16.655	17.189	17.621	17.746
11	463904	462520	465390	466590	467190	468435	467547	467386	468044	467879	467789	466287					
	465068	465315	464663	463287	462925	464450	462066	463082	464371	463224	461012	463182	465067	16.679	17.211	17.563	17.751
12	463695	464373	465525	461701	465037	465034	464277	467303	468838	466290	465746	465890					
	467199	465268	465286	465115	465350	465148	463983	464677	464471	464977	464775	467159	465296	16.685	17.166	17.598	17.728
13	466993	465945	464297	464689	465786	464743	465566	466462	467038	466135	467352	470473					
	466908	467194	466598	467439	465073	467080	466574	467434	465376	466342	464743	467045	466387	16.706	17.207	17.584	17.745
14	465400	463301	464683	464579	463665	465887	465854	467014	466882	467626	466435	468869					
	469287	467473	468144	466900	466221	466532	464327	466404	465716	464818	465354	464005	466057	16.645	17.214	17.591	17.760
15	464196	465606	464717	466237	463925	465878	468489	467171	467373	467409	468379	467228					
	468650	466185	465738	464354	464739	463910	463117	462952	462364	462311	459970	461888	465116	16.677	17.203	17.601	17.752
16	460645	462898	462911	461843	461735	463047	463044	463083	463740	465076	463837	462509					
	461294	461058	459227	458492	459858	461679	460248	459505	460906	460119	462853	464085	461821	16.693	17.168	17.581	17.753
17	466382	466748	466728	470910	473052	469959	470282	470677	468791	470769	470050	468333					
	468144	467496	463544	465781	463949	465879	466853	470309	467424	465658	467141	467128	468000	16.677	17.201	17.586	17.730
18	467154	468330	468488	465022	469169	470613	471303	473413	473653	475972	474156	472655					
	469116	468613	467251	466998	468554	467651	464671	463562	462535	463215	459834	461336	468053	16.684	17.208	17.559	17.764
19	462019	463111	462994	462671	464530	462555	465129	463828	463625	466118	464886	467901					
	465824	466453	467340	468524	466496	464815	461700	462150	462432	464457	465115	461447	464422	16.697	17.233	17.552	17.733
20	462490	463642	463330	462241	461933	464895	464282	464174	465047	467476	465817	466199					
	467674	468642	467159	468221	464604	465883	463455	460029	461842	461846	459973	460868	464238	16.726	17.198	17.567	17.750
21	458347	459835	460150	460631	456957	461080	460995	460735	460999	463520	464819	464766					
	465263	463487	463227	460489	460725	459777	460069	461354	461946	461826	459151	459167	461221	16.686	17.196	17.553	17.734
22	458002	459348	458733	460114	459728	463964	463593	460817	461326	461179	462501	462588					
	454845	457513	457921	457329	458062	460381	459829	460585	460048	458770	463375	461994	460106	16.673	17.185	17.575	17.774
23	461730	460341	460199	461373	461569	461286	463212	465372	462797	464824	464608	465634					
	464999	465718	462918	461072	463178	463690	462086	460921	464783	462317	462021	461593	462843	16.669	17.224	17.581	17.741
24	460149	463229	463449	464163	464493	463649	464141	465423	466759	465622	464760	465243					
	464547	465747	465054	466050	465581	462825	462865	463598	463555	462031	462110	463864	464121	16.683	17.222	17.566	17.740
25	465091	462492	463446	463222	464271	466552	466819	467308	468315	465628	465981	467685					
	467508	468279	467226	465279	465549	467159	464195	465139	466248	466160	463906	464867	465764	16.690	17.201	17.596	17.744
26	464626	468285	468192	467160	466759	466509	469774	466786	467365	467781	467021	467371					
	466997	466844	467672	466898	466344	466786	467014	464525	466874	466735	466881	467730	467039	16.672	17.184	17.551	17.774
27	464899	467991	467343	468119	466659	466438	465152	464217	466641	468875	467345	469241					
	467710	465422	465121	463848	462487	463910	462203	462433	463062	462125	463555	462303	465296	16.668	17.213	17.573	17.728
28	462415	463898	462313	463928	461920	463939	465883	467352	468042	466832	465704	466102					
	467171	467584	465051	465586	464941	466324	465788	463338	465135	466433	464554	466328	465273	16.682	17.206	17.577	17.704
29	468076	467141	464789	463904	464363	463917	461029	461888	462333	461264	462853	465689					
	463851	465467	464889	466572	463744	462240	464390	462922	461960	461322	462887	464501	463833	16.656	17.212	17.573	17.756
30	463113	462450	465042	464241	462573	462890	462371	463740	465328	462796	465019	466190					
	466167	465963	464786	462989	464190	462395	464286	463680	462841	463285	462004	463195	463814	16.652	17.199	17.597	17.784
MONTHLY	464756	465583	465431	465416	465694	466397	466675	467003	467194	467710	467599	468079					
AVG	467431	467327	466601	466164	466069	466168	465357	465158	465123	465017	464620	465031	466150	16.680	17.200	17.579	17.747

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UT	1	2	3	4	5	6	7	8	9	10	11	12	DAILY				
DAY	13	14	15	16	17	18	19	20	21	22	23	24	AVG	R1	R2	R3	R4
1	461721	462816	462978	463775	462904	463937	465140	464382	463852	464513	466122	464301					
	466229	465321	464726	463909	463841	463318	464882	464008	464547	466742	464495	464354	464284	16.681	17.157	17.620	17.738
2	461548	464103	464303	464139	464784	465768	464166	463341	464863	466867	465993	465331					
	465986	465901	465862	465188	463948	465734	466110	465718	464671	464514	464722	465684	464968	16.668	17.228	17.578	17.768
3	466040	464250	465480	464588	464779	467390	466778	468132	465690	466106	467086	465401					
	465783	468453	465275	466462	464507	464831	467378	464842	463887	464848	465211	466495	465820	16.644	17.187	17.571	17.768
4	466796	466701	465821	467900	467247	466830	466827	469374	470935	470336	470428	468560					
	469608	471107	468897	468403	468219	467081	466453	466456	464733	468430	465758	465977	467870	16.653	17.192	17.557	17.774
5	465908	466492	465730	464658	467021	465109	466934	463421	467075	465563	465322	465228					
	467853	469027	469188	468709	467124	465384	464486	462598	461188	465310	462749	464189	465678	16.689	17.172	17.570	17.761
6	463490	462562	461429	460933	462635	462735	464090	463699	464934	464913	465458	465381					
	462260	462633	461601	463676	463568	461492	460553	458544	458885	458005	457778	456997	462011	16.687	17.197	17.566	17.742
7	456423	454909	457058	456968	458503	457988	458378	461208	458390	459610	464602	464219					
	464343	466510	463708	462220	462620	464913	460154	457718	457817	459753	457386	457284	460112	16.668	17.198	17.545	17.734
8	456666	457141	456771	460106	458373	458913	460555	461544	463370	463480	466054	466048					
	464024	464782	463329	462141	461751	462044	460252	457815	454552	457158	454674	457494	460377	16.686	17.206	17.553	17.749
9	456277	452816	456264	456969	458653	459525	459275	457763	460121	463687	464018	464384					
	463692	462381	460882	460157	459438	458204	458594	458124	455766	455354	454797	456384	458897	16.649	17.174	17.541	17.779
10	455924	455559	454279	455227	454295	455967	456672	456168	459582	456039	458940	456675					
	459140	458496	458487	458556	460759	456977	456513	456117	456211	457994	455449	456187	456925	16.671	17.191	17.588	17.781
11	456242	456459	454967	454272	455870	458126	456315	455637	458023	459057	460820	458416					
	460525	460542	460450	458825	457774	457246	456739	458143	456750	457571	457814	458595	457716	16.659	17.170	17.576	17.777
12	456990	455136	457769	456018	457426	459420	460479	459213	460629	458602	460329	460184					
	461486	459912	460482	460093	457812	459977	457630	458285	457260	458705	459849	459233	458872	16.695	17.202	17.584	17.715
13	460010	458375	460839	461302	463983	462638	465547	466390	465623	467581	467466	467377					
	465763	466364	467673	469536	469377	467650	467304	464520	462769	463014	462199	462946	464844	16.673	17.174	17.580	17.768
14	461904	465814	465318	467213	465350	465426	466887	466452	468829	466904	464468	466620					
	466146	468766	467043	466435	465654	465024	468826	466447	465371	466292	465516	465973	466195	16.673	17.193	17.586	17.778
15	466326	467114	466588	466876	472053	473597	472390	471099	472957	473110	472765	472626					
	471361	471722	469751	469071	468514	466707	469764	470247	468948	467920	469514	469468	470020	16.697	17.195	17.575	17.764
16	469402	471173	472434	473924	473963	474431	474539	475617	478730	472623	480350	477472					
	476272	474887	474908	471877	468710	467434	465390	463277	464168	466703	464856	466005	471631	16.685	17.187	17.561	17.755
17	464211	465894	466738	466772	469013	472970	469181	473302	473691	474456	475359	473911					
	475733	471760	474650	470035	464947	465502	465667	464796	464165	463980	464184	465151	469003	16.664	17.197	17.575	17.724
18	466137	464520	464563	463198	465287	466311	469956	466440	468256	468497	468444	467727					
	467599	467548	467945	469359	468346	466955	468715	471085	467393	471277	470838	469447	467744	16.670	17.210	17.583	17.743
19	467498	469152	467611	467529	469106	472365	469759	470765	471064	474027	473958	471767					
	471484	471072	469810	466388	467563	468087	468111	468612	469879	469944	468002	467984	469647	16.684	17.202	17.568	17.746
20	469110	468702	467085	466751	467914	468491	468874	468829	468835	472112	472850	473259					
	470250	473184	471907	471792	470137	467837	467972	469587	469895	468029	468932	469848	469674	16.678	17.234	17.577	17.715
21	467234	468013	468054	467316	468168	467533	468640	470053	469234	470747	471298	470140					
	471195	470713	470644	468823	469259	467965	470059	469523	469563	468277	467865	466095	469017	16.681	17.225	17.577	17.722
22	465917	467185	467907	466089	466904	465899	464712	467774	468034	468090	468135	469358					
	469237	469208	468478	467982	467356	469331	465386	464237	462895	458845	458870	459518	466139	16.665	17.215	17.546	17.756
23	459876	460357	461426	462058	461168	460684	464051	466681	463144	460725	463226	463676					
	463982	465342	464398	462409	460789	458948	460043	460915	459627	458152	459180	458477	461639	16.684	17.200	17.584	17.708
24	456285	458340	457261	458148	458456	458809	457451	458502	458481	458973	459753	459736					
	461469	463505	464207	460162	461091	459708	457083	456074	456239	457669	458213	461077	459029	16.656	17.218	17.564	17.784
25	458924	459307	458901	460872	460533	461471	461129	463213	461415	461762	460989	464046					
	464226	462369	463264	462798	463194	458660	462283	461624	460552	461594	463168	460253	461523	16.675	17.173	17.577	17.778
26	462935	464901	462667	463601	462743	464617	465983	467208	464064	467981	466526	467635					
	465913	468032	465596	466058	464061	465591	465707	467501	465826	465016	465920	465604	465487	16.663	17.191	17.567	17.788
27	467292	466227	470911	468204	465129	467598	466024	466441	465189	466820	464432	463318					
	466711	466998	467952	464646	465501	466307	467974	464723	466073	466143	466424	466888	466413	16.676	17.169	17.567	17.750
28	465285	465852	464669	464066	464184	464741	465108	465123	464584	465258	467189	464826					
	465204	466585	467410	467278	465056	465119	464243	467497	468341	467251	464707	464517	465587	16.676	17.192	17.590	17.754
29	465102	465199	465433	466349	465471	466080	466455	462965	463923	463927	462469	465207					
	463320	462678	464494	462696	463384	464983	464771	463336	466252	466690	466568	466991	464781	16.651	17.205	17.573	17.750
30	465226	467206	466284	465933	463939	462364	463974	460326	462373	463593	462266	463683					
	460806	464260	464223	463803	462807	464838	462666	464389	465425	464192	464344	463249	463840	16.659	17.162	17.552	17.750
31	463390	464178	460665	463395	461783	461649	460143	462078	464389	461958	463815	465761					
	466002	464971	465861	466295	464524	465366	464670	464724	466195	463075	463475	462969	463806	16.680	17.199	17.578	17.765
MONTHLY	462777	463111	463168	463392	463795	464496	464723	464940	465493	465739	466482	466202					
AVG	466245	466614	466229	465348	464569	464168	464077	463596	463092	463498	463015	463269	464502	16.672	17.194	17.572	17.754

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Pressure corrected data - June 1999

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	465472	465498	463147	462781	463190	464833	464176	466988	466814	465375	468317	467776					
	466282	466121	467471	465160	465876	465100	466710	464406	462969	462838	463865	466735	465329	16.693	17.222	17.590	17.764
2	464619	466171	465571	468258	468510	467626	467692	467543	467371	469024	465031	466969					
	464511	463388	462790	463895	463212	464732	463474	463658	463463	463734	464678	465507	465476	16.696	17.214	17.568	17.747
3	467712	466497	465631	469021	468605	467976	467297	466310	465822	465467	465823	464991					
	465704	463640	464395	463624	463208	463891	463619	463740	462083	464088	461785	462106	465126	16.661	17.185	17.593	17.750
4	462193	462436	459839	460732	463420	462643	464589	464098	464992	465860	464318	466260					
	466911	466908	464652	465749	465812	462711	464341	464347	462218	461378	464874	462309	463900	16.653	17.203	17.578	17.771
5	461137	462464	462237	462312	463236	464568	463333	466148	465889	465725	467544	467383					
	467980	467785	465189	465280	465077	466358	464496	462486	464040	464202	462863	462392	464588	16.655	17.195	17.590	17.757
6	461120	461990	462046	462755	462727	463466	463054	463466	465985	467595	465149	465748					
	465466	466772	466136	465787	466224	463471	461788	460459	459241	462222	460985	460704	463515	16.690	17.194	17.555	17.770
7	462264	462702	462782	462572	463701	462254	464871	463170	464744	464176	464028	464886					
	464789	464319	463228	463540	463119	465473	464352	462544	461498	463355	463820	462198	463516	16.687	17.195	17.557	17.760
8	462400	462856	465117	461731	463618	467804	465988	466119	467102	465637	465890	464466					
	466885	464989	464754	463927	466163	463995	465330	464654	464188	465393	464137	466216	464973	16.691	17.198	17.595	17.745
9	464737	468279	468661	468863	469559	468284	468875	468067	468394	467919	467714	468101					
	469351	469120	470680	471292	468166	467590	467210	467132	468967	466926	468925	467892	468363	16.669	17.178	17.583	17.762
10	469517	468438	469206	469667	468997	469391	468765	467788	469383	470242	472007	469856					
	471336	471701	469401	469819	469667	471428	472785	475030	474436	473651	475773	473030	470888	16.690	17.199	17.572	17.748
11	472610	473461	472853	472332	471884	470554	474685	472664	474717	476224	473637	472758					
	473690	474157	475345	474441	474710	475982	474670	474362	474510	478155	478968	477331	474362	16.668	17.191	17.591	17.732
12	476930	476255	477715	477152	475917	475054	475155	475931	474925	476541	474880	476406					
	477364	475745	477541	478369	475472	475177	477078	477119	476973	476834	476715	476737	476416	16.683	17.192	17.561	17.727
13	477462	476108	476829	475813	475702	476081	477481	477386	479099	479057	480066	478790					
	478513	479163	480477	479086	478757	478536	479054	479888	480944	480319	479604	480236	478519	16.651	17.226	17.585	17.735
14	480166	477293	479286	479664	480714	479075	479940	481636	479705	480112	481262	480940					
	479489	479588	479967	478643	479905	479303	480513	480345	481838	480564	482127	477853	479997	16.686	17.194	17.555	17.753
15	480062	479005	480833	479327	479813	482722	482960	481602	483117	482312	482152	481910					
	482331	482019	481195	483764	484283	482219	481298	478863	480202	478728	478053	476080	481035	16.689	17.209	17.555	17.742
16	475849	476411	477263	478423	476176	477902	479998	481574	482667	483851	483315	481127					
	482604	480842	481093	479763	478423	476260	476029	475745	476261	472269	473895	475864	478484	16.669	17.222	17.582	17.738
17	475703	478425	478756	478907	476420	477937	478758	479139	479879	479097	479570	476059					
	474188	475575	475816	475576	472889	474342	473095	472019	470421	471535	471905	471741	475740	16.669	17.200	17.567	17.762
18	471528	471707	469702	474284	474032	473479	475036	473755	474069	473646	474433	475548					
	475945	473219	473502	471697	472528	470714	468120	470050	470591	467994	469120	469818	472272	16.677	17.169	17.588	17.759
19	471800	469483	471707	472246	471281	474183	471809	472852	472992	473589	471260	472251					
	473234	474042	476899	470700	474132	470507	471746	469334	469140	467689	467785	466890	471565	16.673	17.207	17.545	17.765
20	468631	467015	468323	469850	470145	471689	472404	471641	473052	474344	470813	469973					
	470453	467289	467126	468543	468301	467257	465282	466340	466602	465301	467784	466807	468957	16.660	17.229	17.565	17.741
21	467002	465542	466997	467839	470252	469395	468869	471614	468622	467443	470160	468513					
	468375	468853	467618	468080	466500	467600	469105	467091	468362	467104	468171	468042	468206	16.676	17.191	17.570	17.753
22	467493	469031	467229	467621	468555	468404	471169	468556	470704	469368	468439	470085					
	470455	472281	469405	470857	469650	469503	469374	467304	467279	466450	469068	468627	469038	16.673	17.177	17.569	17.757
23	469075	467340	469955	467548	469651	468900	468169	467933	466617	467522	467022	465969					
	467656	466984	468139	467029	469681	469575	468798	469722	469562	469338	468353	468732	468303	16.682	17.187	17.537	17.773
24	468823	470881	470368	468236	469749	469528	472202	470538	469446	468821	468508	468293					
	471641	468737	470224	468133	468769	468919	468262	467109	472147	471149	471465	470813	469698	16.656	17.203	17.561	17.772
25	469795	469696	470520	471755	469340	470043	470006	466707	469314	470051	467993	469026					
	469954	466842	469540	468410	467755	467214	467894	469041	470124	468287	469855	467295	469019	16.654	17.200	17.593	17.758
26	467579	465618	468126	469103	467769	469116	467531	468699	469351	468521	468596	470042					
	470589	467363	467393	467127	467465	465702	467947	464270	462776	462217	461193	458987	466795	16.674	17.195	17.554	17.743
27	456965	455975	459412	460291	461654	461224	461046	461477	461565	462728	461517	462406					
	465487	464741	462485	461603	459250	457579	459382	458737	457696	457023	458791	459671	460363	16.686	17.189	17.584	17.754
28	458031	457993	455732	455333	456129	456368	458573	460445	461062	461827	462318	463310					
	461864	463683	462671	461188	461044	461124	459894	461361	460360	459345	461506	462131	460137	16.669	17.182	17.574	17.735
29	462463	461165	459501	460818	463359	461997	462825	463676	464952	465290	465478	465834					
	465202	465698	462405	461805	464764	464462	463777	464003	462517	464339	465364	465466	463632	16.671	17.216	17.551	17.756
30	464650	464308	465746	461886	464610	464096	464806	465687	467894	467613	464994	467637					
	470890	468575	467441	466908	466519	469201	466896	465526	464175	467099	466370	467221	466281	16.663	17.230	17.545	17.752
MONTHLY	468126	468002	468370	468571	468957	469220	469729	469774	470341	470499	470074	470110					
AVG	470638	470005	469833	469327	469244	468864	468744	468223	468186	467984	468593	468181	469150	16.674	17.200	17.570	17.753

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UT	1	2	3	4	5	6	7	8	9	10	11	12	DAILY				
DAY	13	14	15	16	17	18	19	20	21	22	23	24	AVG	R1	R2	R3	R4
1	468048	466835	466802	464952	465463	464653	466025	463540	464829	468378	468264	468871					
	467295	464543	468011	467959	465812	465679	465690	465726	467235	466115	466037	467403	466423	16.662	17.192	17.590	17.765
2	465483	465158	464306	464848	463787	466305	466940	469658	469347	469187	468685	466872					
	466477	465519	465091	462763	466070	465151	463596	461997	463493	463702	466580	464480	465646	16.664	17.190	17.565	17.756
3	464517	463773	464770	463418	463573	463765	465027	463898	464065	464694	467322	464578					
	466648	466148	464839	467479	466101	468002	465830	467191	464941	465792	469540	469009	465622	16.682	17.195	17.573	17.764
4	469076	466929	468135	467495	465986	467760	466559	464255	467715	467891	468584	467009					
	466940	469067	467571	468671	466653	468006	467679	468328	470609	467706	470058	468407	467795	16.669	17.209	17.548	17.772
5	466941	469436	469677	468148	467225	469568	470226	470200	468446	469348	470274	468007					
	467771	471157	469568	471208	470630	469214	468933	469189	466351	467931	470019	472027	469229	16.681	17.205	17.557	17.756
6	471446	471496	471241	471432	475192	471017	472825	474214	471734	473384	471277	470469					
	469856	471912	471447	467773	469095	469860	472088	468898	466246	469194	468851	468560	470813	16.700	17.164	17.587	17.730
7	467438	468991	467871	468753	468430	469607	469188	472577	471807	472130	474548	471035					
	470317	471988	468450	469110	467618	469686	469101	467214	467374	463487	463853	465246	468993	16.668	17.205	17.605	17.745
8	464584	463927	465325	468731	467277	469386	466922	465727	467661	466019	468106	467645					
	467509	467891	468239	467133	467706	469063	466146	466619	467240	467011	467560	468451	467162	16.649	17.197	17.575	17.773
9	466938	467687	470286	471668	472745	472658	472347	472627	473420	472654	473846	475760					
	475846	472929	471914	472431	473443	470712	470786	470161	473521	472903	471331	472653	472136	16.668	17.176	17.569	17.747
10	470629	472772	470986	469897	472441	472479	473214	473979	471368	471066	473613	473779					
	473496	475985	473901	471399	472865	472716	472487	470558	470813	472084	469351	471533	472225	16.648	17.233	17.565	17.751
11	471093	470892	472562	471234	471681	474795	472159	471656	474649	472058	472474	472133					
	471422	472622	473954	472888	475382	476208	476733	476494	475781	476987	474939	475391	473591	16.686	17.203	17.542	17.761
12	475807	477295	475849	476192	475410	472299	475448	475457	477941	482959	482120	480248					
	478592	480084	480651	477759	477440	478143	478376	478309	479272	476084	475534	475907	477632	16.670	17.206	17.581	17.735
13	475963	476363	476135	478134	479205	479773	481211	479861	478830	478362	479870	482182					
	478606	476021	478000	475500	473447	474091	474931	474195	473479	473042	474726	477231	477048	16.657	17.196	17.575	17.717
14	476725	476447	477476	478471	481380	482335	480532	482507	480402	480929	477592	478126					
	475863	475587	474920	476545	473188	472873	474644	473156	474971	474106	474378	473751	476954	16.685	17.176	17.558	17.773
15	472968	476271	475108	475399	477001	479517	480833	484353	481911	484450	483022	482813					
	484302	481629	482922	482748	482012	482531	481215	480274	480461	478692	478737	477595	480282	16.680	17.195	17.551	17.753
16	478865	476046	478005	477542	475935	476235	479622	476706	479368	480139	478479	476479					
	478446	478982	479920	478018	478362	477047	476259	476008	476451	475472	476853	475633	477536	16.657	17.205	17.582	17.760
17	473436	475037	476314	473107	476267	475173	475199	476073	474271	475830	475506	478198					
	476832	473849	478420	476278	477153	475558	474711	474136	474762	473234	473987	472952	475262	16.659	17.165	17.574	17.757
18	472842	472851	472094	473163	473660	472929	471253	471143	475311	473249	473159	474570					
	476178	474587	474204	475355	475595	477964	477450	474612	475204	471953	474662	474582	474107	16.676	17.174	17.554	17.757
19	474979	473677	471507	470918	471332	471218	473202	473156	473030	475287	474441	476128					
	476179	474983	477472	477602	475502	474599	476640	473471	474540	474118	473411	473011	474183	16.665	17.162	17.586	17.730
20	472867	472178	473095	471029	470720	471694	470604	472277	472035	473308	476328	473609					
	474714	473960	475292	474669	475752	473426	473905	474021	473860	471757	473260	472485	473202	16.681	17.213	17.566	17.752
21	469853	470419	472182	471898	471466	473284	474876	475491	474119	473022	474146	473439					
	476107	473967	474452	471836	471442	472789	473964	475679	474679	469892	469924	470328	472886	16.689	17.164	17.600	17.732
22	469262	465941	467222	466637	469383	471602	473514	474652	473472	471803	472068	473783					
	473936	470915	469907	471204	473945	471679	471043	468859	467353	468317	467799	469595	470579	16.664	17.183	17.591	17.741
23	467411	467708	468839	469750	468500	467629	469432	470885	470627	470957	473130	471775					
	471588	474561	472695	472571	470197	470253	467326	467118	469001	468117	466410	466112	469691	16.690	17.228	17.618	17.699
24	466752	466515	468145	468399	468360	468887	468443	469583	470024	468119	469760	470584					
	472220	470679	470373	468351	468291	467297	470377	469473	468157	467461	468611	467957	468867	16.652	17.202	17.596	17.746
25	465588	467792	470522	466694	468761	467154	469582	469637	469301	469206	470171	469917					
	471484	471571	468602	469307	470719	468624	469831	469793	468097	468430	466876	469641	469054	16.683	17.191	17.549	17.731
26	470143	469695	468368	469865	468874	469369	468885	470089	468198	468311	469406	468472					
	469303	472933	470495	472093	471391	469587	469031	470298	470691	468097	468776	470391	469698	16.695	17.202	17.559	17.725
27	465135	465164	466503	464016	465121	467068	467478	468805	470410	469503	469619	468692					
	467308	467794	468367	467093	465447	463219	463651	461587	460343	459284	461684	462713	465667	16.687	17.209	17.593	17.739
28	461780	462425	462797	462351	462557	462511	463215	462507	463961	465230	467389	465084					
	466252	465222	466049	464163	463617	463575	463974	463087	463453	465972	463334	465485	464000	16.672	17.199	17.559	17.761
29	464216	465692	467939	466193	463873	464602	465445	465726	465061	465990	466602	464478					
	467002	468833	466448	465106	464451	466212	465621	464064	464826	464341	465114	466597	465601	16.662	17.209	17.569	17.753
30	465069	468467	465418	466428	465497	468135	470303	469634	467377	470268	469922	470165					
	472244	469618	472264	470280	469898	466829	463527	464156	465095	465512	465862	467016	467874	16.678	17.195	17.573	17.749
31	470373	470764	466284	469105	465870	465382	466019	467427	468637	467018	466440	468341					
	468286	468155	467322	466356	466869	469243	469224	466101	466025	464178	467314	464694	467309	16.679	17.188	17.568	17.748
MONTHLY	469556	469827	470057	469867	470096	470606	471178	471558	471591	471960	472457	472040					
AVG	472226	472054	471992	471343	471164	470962	470799	470025	470139	469386	469851	470221	470873	16.673	17.195	17.573	17.748

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

Pressure corrected data - August 1999

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	465379	465505	464802	465507	467346	466901	464918	464996	466309	464753	463353	465171					
	465963	465854	469461	468144	470201	467398	467297	467023	469873	466882	469161	470482	466778	16.681	17.190	17.562	17.749
2	470291	473131	471287	470671	471625	470064	469097	468122	467087	468488	467006	468365					
	468412	467754	469146	470972	470696	470770	468562	467258	467901	465942	466497	468297	469060	16.656	17.188	17.588	17.735
3	467993	470621	467922	468858	468803	468306	466891	466812	466678	467965	469088	468342					
	471883	466394	467384	467594	466533	466058	468539	469169	467397	468311	469681	467962	468132	16.673	17.165	17.560	17.743
4	469075	470636	467613	468094	468761	467341	467714	468309	469545	470831	470622	470687					
	470264	470727	470340	470654	470913	470492	470765	470555	470637	470996	467519	469351	469685	16.684	17.182	17.593	17.725
5	471277	471450	472553	469921	471917	470509	473506	472698	471924	471920	471421	470954					
	473042	472352	471069	470723	469425	471721	469576	470162	470206	470892	471188	469214	471234	16.686	17.184	17.559	17.736
6	469266	472028	470885	472495	469111	471384	470044	471077	469502	472627	469183	469043					
	470979	467510	468925	472614	472547	469571	469053	469314	466362	466238	466435	466822	469709	16.670	17.195	17.564	17.746
7	465610	464315	465407	467201	467074	468722	468840	468817	469973	469645	469247	469228					
	470526	471379	470192	468534	468548	468303	466865	467652	468299	467252	465413	464537	467982	16.694	17.190	17.551	17.742
8	464866	466188	465831	466584	467882	466594	465290	466518	466916	466929	469939	468794					
	471318	470121	470540	470956	469359	469732	468705	469484	466986	467443	470204	471635	468284	16.682	17.185	17.573	17.753
9	470217	470457	468608	467928	470037	468777	468413	471603	468358	468861	469121	469400					
	469232	471487	466734	468180	468263	466652	465987	466575	469114	465701	465902	467276	468453	16.658	17.201	17.585	17.767
10	469715	470642	471828	472783	471670	469849	470672	467823	470054	469169	469656	467197					
	467623	466846	466123	468348	467236	464583	464690	465815	464448	467701	465946	465511	468164	16.668	17.196	17.583	17.763
11	466097	466645	466736	467598	468545	468409	469098	465168	468140	468559	470492	470515					
	468707	470275	470339	469500	471506	467495	468919	468010	466698	470194	466299	468510	468436	16.670	17.219	17.543	17.751
12	469231	467994	469298	472100	471914	468907	471805	472197	469111	472547	471031	470668					
	470156	471461	468692	470635	469927	468462	470107	469698	469933	469311	471455	470007	470277	16.685	17.213	17.587	17.737
13	471932	472330	470526	470111	469780	469627	470008	470150	470147	471165	470027	469907					
	468969	469025	471497	469966	469571	473207	471449	472385	471832	471286	470141	470649	470654	16.672	17.202	17.560	17.743
14	471502	471325	472621	468625	469698	469802	470324	469801	469012	471638	470680	470205					
	468215	472670	472105	470769	468969	468902	469987	469689	468896	470126	469653	469286	470187	16.715	17.194	17.569	17.714
15	469920	469681	469368	469746	472026	470591	470244	469771	470170	471375	472049	469551					
	470497	469219	469073	468057	468687	468049	467968	470471	468812	466112	466425	467878	469406	16.667	17.216	17.572	17.770
16	465939	467172	465685	467602	467252	466286	465478	462650	467037	464146	465912	463319					
	465809	465932	466596	468333	464840	465304	465643	464196	464710	462373	464182	465379	465491	16.717	17.177	17.547	17.734
17	465504	465800	464217	460659	463679	464534	464622	466229	467277	465303	465260	465210					
	466846	466303	468009	466601	465533	465009	466978	465313	462911	462716	464129	462896	465064	16.666	17.234	17.565	17.728
18	465500	463601	466176	463825	464424	465442	465531	467533	465905	466464	465474	464191					
	464059	464279	466190	464987	464159	463503	461255	462219	460553	460702	460974	459844	464033	16.693	17.200	17.558	17.726
19	458837	457509	462335	462293	461101	463004	460470	463946	462151	462509	462362	464145					
	464178	462497	463231	462891	460755	457760	454658	453547	455755	451684	450229	449230	459462	16.658	17.181	17.583	17.758
20	447947	448642	447314	450490	452871	451019	451925	451207	451450	451173	452569	452426					
	454692	451915	451497	453020	452805	452981	453547	453667	451239	452974	451438	449671	451603	16.656	17.179	17.571	17.757
21	451528	451968	451126	449803	452870	450323	450638	448549	450333	451034	450573	452939					
	450603	454134	454949	451294	452240	450868	450033	448320	449187	450354	449335	448170	450882	16.673	17.208	17.587	17.713
22	449485	449377	449072	449208	449214	448636	450606	450243	451850	451303	450599	451102					
	450801	449816	450024	450284	447853	448303	449582	447075	447910	445962	446171	448662	449297	16.695	17.213	17.558	17.734
23	453085	453002	451687	453666	451037	451858	450783	453797	452386	453364	454990	455970					
	458829	457009	456680	457314	457224	455673	453400	450648	450344	449334	452649	447909	453443	16.676	17.199	17.555	17.754
24	449680	449677	452739	453474	453543	452314	452854	454690	452207	454857	456164	456318					
	458040	459442	456624	455562	455913	451336	453326	450480	451469	450796	451014	454037	453606	16.656	17.212	17.583	17.726
25	452078	450441	451812	452681	454335	451103	450655	450980	452676	452414	451446	454217					
	453235	455498	451695	453389	452194	451013	451305	450438	451226	452625	452254	450631	452098	16.695	17.205	17.567	17.735
26	450411	450600	450672	453966	453502	452225	454092	450289	450028	452755	454140	452440					
	453630	454754	454349	455938	454383	453597	452631	455465	456212	453053	456053	455169	453348	16.664	17.204	17.602	17.743
27	453713	453495	451701	452227	455040	452934	456731	454954	455160	455098	457603	456496					
	457658	455660	455328	455203	454727	455396	454146	456237	454457	454948	455365	454296	454940	16.663	17.174	17.582	17.759
28	457074	455156	452955	454264	454447	456131	455526	456135	458978	458788	459450	460904					
	458239	460528	461598	460116	456181	459673	456846	456205	457273	455360	457641	454667	457256	16.693	17.185	17.580	17.736
29	456954	456996	455179	456504	458501	455901	457443	458273	459311	460022	459643	461651					
	462338	459241	458906	459589	460101	458770	458815	458707	459916	457465	455618	459912	458573	16.675	17.186	17.602	17.717
30	457698	456449	461476	459020	461100	462822	458380	458293	460751	463337	459555	459576					
	461621	462569	459310	459712	457763	458194	458703	460818	456256	457645	458654	457609	459471	16.680	17.231	17.578	17.728
31	455997	454865	456743	458792	456972	458131	459397	458672	459125	457824	460354	460892					
	461239	460802	460308	461173	460247	461019	462488	462138	459858	460952	461817	463512	459721	16.653	17.190	17.563	17.742
MONTHLY	462058	462184	462135	462474	463099	462530	462645	462590	462889	463447	463516	463543					
AVG	464116	463982	463771	463905	463203	462574	462317	462217	461828	461398	461595	461581	462733	16.677	17.197	17.572	17.741

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UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG	R1	R2	R3	R4
1	461116	462236	462168	461386	460365	462148	461903	461404	462110	460455	463325	463426					
	464778	464561	461994	463593	461463	461918	461195	461758	461321	460813	461314	462091	462035	16.666	17.218	17.588	17.712
2	463624	462349	461556	460039	459132	459364	459002	460508	460810	462710	463487	464027					
	464356	463599	465038	463733	463750	462881	462108	463702	461485	461394	461349	461340	462139	16.702	17.212	17.599	17.705
3	461594	459947	460326	461001	460067	461676	460550	462703	464381	464779	463107	465025					
	465232	464256	465366	464246	463953		464109	461467	460860	461305	457102	458672	462249	16.660	17.195	17.579	17.750
4	462163	461618	461542	462921	461361	460086	463141	461619	464667	464340	464768	463710					
	464360	466941	463225	462812	462392	460756	464059	461531	459712	458524	459987	458310	462273	16.667	17.209	17.582	17.738
5	459377	456425	456552	456893	457819	457428	459204	459300	458861	459677	461304	465059					
	460615	461429	458807	458853	460941	457617	458297	460100	457789	461650	458204	456573	459116	16.671	17.184	17.566	17.778
6	456932	456798	455817	454555	457315	457829	457769	458318	458032	457988	459569	459490					
	460197	458813	459728	460198	459161	458972	457219	458020	458120	458069	458352	457659	458122	16.667	17.228	17.578	17.732
7	457507	458990	457856	455399	455241	454438	455020	455654	457331	456707	457502	458131					
	461497	458119	457074	457590	458918	456561	455989	458884	456217	455099	456230	456174	457005	16.718	17.205	17.560	17.751
8	456107	456474	455591	455198	455529	455632	455326	458226	454000	456784	457905	457594					
	459557	457288	460650	461056	459168	459911	456658	455987	455377	455357	455207	457832	457017	16.684	17.186	17.567	17.738
9	456400	454602	455145	456323	454262	456441	455229	457372	457021	458719	458238	460545					
	461918	457479	457077	457771	458901	459570	460931	457510	458496	458466	457507	455640	457565	16.659	17.204	17.590	17.729
10	457909	457238	458908	459677	461330	460348	461162	460243	462400	458506	461959	461665					
	460605	462060	460558	460126	460328	457720	461632	461639	459940	461603	461113	461958	460443	16.704	17.207	17.571	17.746
11	460964	461616	463159	462909	463186	461832	462245	462029	460835	460681	460993	462963					
	462683	461891	462251	462207	463201	463375	462599	465155	464541	464339	463345	464170	462632	16.684	17.199	17.595	17.716
12	463994	464401	466065	466377	464914	463834	463037	462224	462253	463418	462273	462357					
	462878	462437	466122	462552	462899	464389	464162	467083	465823	467075	464836	462970	464099	16.704	17.171	17.579	17.721
13	466305	463747	461235	459668	463331	462675	462482	462048	462486	461297	459994	460683					
	461327	458170	462381	460250	459524	460380	459056	457330	457023	455870	456572	459083	460538	16.660	17.198	17.564	17.747
14	455685	456574	458893	456624	456119	458388	462767	459326	458968	458708	462371	461198					
	459179	459610	456831	459123	460172	457903	456842	454384	459036	457822	456747	456580	458327	16.680	17.215	17.544	17.759
15	459165	459343	460318	459431	459166	457961	457698	462030	462343	466175	466315	461743					
	461423	460557	456545	458622	455449	453876	452416	446285	446769	447710	446756	448769	456953	16.667	17.187	17.570	17.769
16	449934	451015	450324	450377	452605	452484	452221	453818	450891	451134	452243	454834					
	454706	454733	455759	455033	453412	452598	452051	454115	453448	453414	452018	454023	452800	16.667	17.217	17.569	17.739
17	451088	451540	452608	454683	452822	454326	452855	454852	453522	454353	454245	454662					
	455197	456948	456020	456067	457549	456933	455403	455179	452977	454946	451930	451784	454270	16.657	17.192	17.593	17.769
18	455259	453311	452636	453053	456485	455470	454576	454836	458049	458122	456846	455845					
	457035	456510	458460	458380	458504	455110	455232	454192	454943	455319	452237	452790	455550	16.679	17.205	17.557	17.761
19	451689	453064	455214	454470	453817	454983	457697	457146	457990	458537	460079	459593					
	458389	460549	459935	455857	457318	455320	458696	457887	460260	457070	456858	454827	456969	16.670	17.183	17.593	17.734
20	455871	454401	455895	455446	457200	455890	459007	456111	453461	454418	456981	454473					
	454385	453003	454292	456335	454562	453753	455255	454843	450426	450799	451911	454330	454710	16.685	17.160	17.582	17.756
21	451428	452072	451537	453696	453258	453280	452364	452305	453667	452258	454159	453964					
	453738	455443	457076	453882	454118	454986	454393	455365	454845	456541	457673	455087	454047	16.690	17.172	17.620	17.750
22	455276	456728	455053	456818	455152	455452	455673	454391	455072	456340	456523	455279					
	455461	453731	455856	455028	456153	453138	452249	448107	451032	453776	458804	463374	455186	16.671	17.205	17.567	17.749
23	459473	458326	456828	456772	456772	459423	459066	458980	459671	461198	462726	462976					
	461744	460930	460516	460058	458805	458967	457132	458243	457515	457743	460041	457128	459210	16.706	17.179	17.558	17.734
24	456601	454494	454450	456326	456354	457421	458607	458289	459074	461772	460278	459976					
	458624	458521	457082	458848	458945	458045	456822	457706	456194	455696	453390	455800	457471	16.666	17.223	17.602	17.744
25	455870	455508	455829	454970	453965	456803	455845	460071	459419	457221	457837	458899					
	460190	457001	460767	458645	459007	457077	456378	456360	457608	457475	457109	457094	457373	16.665	17.217	17.590	17.733
26	456537	455368	455739	458517	457014	457637	459649	456547	457360	459449	458519	459083					
	459971	457824	458198	459535	461420	464291	460430	460880	462744	464806	462580	461243	459389	16.689	17.179	17.587	17.721
27	460796	460576	459819	461147	459373	459197	459183	461574	462264	462010	461595	463371					
	462574	462832	463788	461299	461834	461601	462162	461304	460473	460240	460152	458238	461142	16.670	17.207	17.562	17.745
28	457604	456929	457855	456906	458645	456985	459362	458800	462314	460642	461092	462198					
	461315	461068	460708	458538	459665	459215	457986	457197	458294	456578	456573	457926	458933	16.682	17.185	17.575	17.739
29	455228	456112	458009	457342	457950	459198	458619	457498	459460	457596	457864	458925					
	458849	460556	458816	458810	458591	457729	455729	456845	457584	455110	456932	458674	457834	16.678	17.205	17.595	17.739
30	455130	457098	458914	458729	458167	460425	460168	461441	463845	461790	462662	465530					
	461213	461382	462883	459893	457269	458331	459723	457740	457332	457455	457113	460359	459775	16.690	17.183	17.602	17.756
MONTHLY	457554	457297	457528	457588	457624	457968	458381	458655	459085	459259	459892	460241					
AVG	460133	459608	459793	459298	459246	458377	458230	457893	457606	457735	457331	457683	458506	16.679	17.198	17.579	17.742

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UT	1	2	3	4	5	6	7	8	9	10	11	12	DAILY					
DAY	13	14	15	16	17	18	19	20	21	22	23	24	AVG	R1	R2	R3	R4	
1	459355	459413	459783	458699	459464	458847	460487	460300	460502	462517	461434	463436						
	462349	463122	461487	461130	462771	460642	459894	459697	459924	458631	459865	460492	460593	16.673	17.188	17.586	17.754	
2	460445	460272	459721	459638	461808	460126	462018	461108	460653	462996	462412	461772						
	462007	461110	462186	462635	463196	462375	460847	461100	460592	460691	461936	460684	461347	16.658	17.160	17.567	17.757	
3	461088	461977	458466	460826	459390	460674	459092	458809	458660	461194	462870	462552						
	462827	463286	463465	464237	463147	461597	462542	461040	459320	460213	460131	459215	461109	16.676	17.195	17.604	17.738	
4	460131	460569	458099	459647	460063	461216	461205	460210	461203	463371	461695	465940						
	464468	464226	464073	464874	465660	464939	464083	461971	462749	461350	461530	461893	462299	16.670	17.229	17.595	17.724	
5	460501	461725	459780	459844	460445	461931	459780	460071	462671	462879	462275	463452						
	463973	464780	462699	464669	462151	463977	463948	464176	461368	460333	460019	460919	462015	16.699	17.187	17.590	17.743	
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7	462300	460769	460615	462580	463326	463566	464512	465970	463521	465735	466725	466128						
	465367	466445	466069	463287	466252	463818	462175	464680	463737	463804	463788	463032	464092	16.696	17.210	17.551	17.777	
8	462906	461526	463308	464665	464002	464753	465721	463262	464541	465498	466456	465661						
	467331	467578	466463	463830	465266	465051	464197	464297	462299	462718	463562	464550	464560	16.674	17.173	17.573	17.738	
9	463895	465154	465766	467111	467111	466494	466294	467839	470160	467195	465999	465865						
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10	465802	463976	467545	465699	463442	464344	464826	464203	460392	460670	459405	459968						
	464038	462599	466624	467957	468167	466422	463795	460424	460545	459960	459058	459711	463315	16.680	17.199	17.556	17.755	
11	460275	461206	461410	459534	460235	459500	461154	461539	460618	460218	461069	464599						
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12	458554	458837	457846	459958	458842	458414	458544	459547	461175	459051	457536	460009						
	459397	459514	458432	458991	462198	458917	461851	460685	458512	458932	457530	458969	459260	16.705	17.202	17.560	17.739	
13	458220	459141	459856	460726	459648	459136	458751	460246	460652	460128	461681	457915						
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14	460282	459542	459129	459490	460260	457956	456868	459960	457756	457404	455754	456902						
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16	450572	450945	451575	454831	452368	452603	452517	451862	452533	450540	453453	451823						
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17	453941	453568	450995	451868	451169	452480	453970	453922	452711	456574	455594	455694						
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18	449111	451828	450921	451481	451538	450599	452437	450961	453932	454051	452566	453103						
	453056	451948	452998	453172	450891	451158	451778	449259	451429	450854	452092	452361	451814	16.705	17.224	17.551	17.731	
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20	454263	453580	453663	455449	454517	453355	454862	454553	455214	455290	454469	455117						
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21	455032	454129	452901	453308	450577	452677	451706	453693	453481	454788	453810	453386						
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22	447875	450064	452979	453172	453132	457378	460459	458477	457959	459056	458188	461229						
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23	450202	447764	452071	451801	454135	451373	453758	449840	452942	452906	453476	451063						
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24	450559	450261	452133	451972	449923	450073	451276	454060	454641	453299	453802	454123						
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25	449848	448183	449496	451609	449075	450296	449136	451865	452747	452375	454012	454752						
	456213	453722	453826	454779	456368	453763	452447	453094	452126	452680	451343	451884	452318	16.657	17.219	17.578	17.738	
26	450890	451917	451783	449576	450129	452599	452153	453184	450680	453577	453949	453372						
	455286	455670	454432	456100	456226	454254	452955	452547	451281	451577	451711	451121	452790	16.680	17.175	17.583	17.725	
27	452208	450182	453031	451678	452902	450524	453137	455093	457731	460442	456149	458216						
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28	457076	457648	458286	457182	455947	456734	458573	457673	457346	458256	458057	458598						
	459272	458279	461337	462083	462014	460864	460871	459553	460054	460721	457196	456602	458759	16.699	17.190	17.585	17.718	
29	455906	456678	457395	456050	457169	457116	457552	458214	459604	456620	458558	460153						
	462987	459132	459691	458850	456259	457452	457582	456311	453991	456117	456937	454964	457554	16.670	17.205	17.572	17.746	
30	453783	459029	455605	456683	455316	455473	455338	457702	457140	456824	455799	455783						
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31	455756	457079	456969	458582	458138	458116	458217	457463	457546	459234	457666	458112						
	456079	455244	455496	455006	455146	454516	453887	454440	454241	451975	453366	452618	456037	16.663	17.220	17.566	17.740	
MONTHLY	456446	456445	456667	456997	456800	456919	457634	457826	458026	458472	458406	458830						
AVG	459314	458871	458634	458905	458606	457756	457420	456876	456635	456573	456234	456159	457561	16.677	17.198	17.573	17.748	

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

Pressure corrected data - November 1999

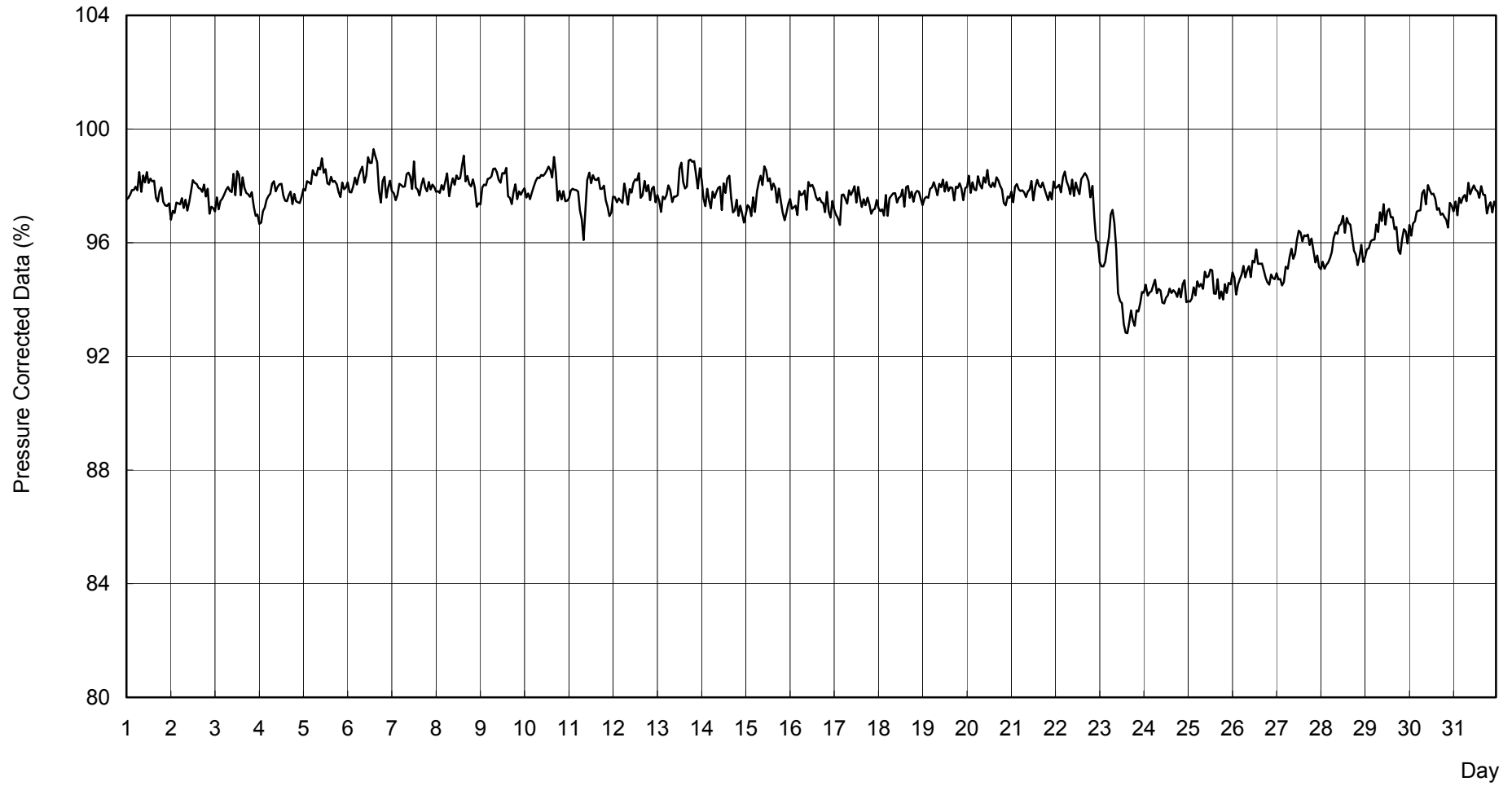
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	459618	458444	456683	457263	457070	459192	456361	454947	456590	456781	457144	455394	456074	16.668	17.192	17.573	17.736
2	455116	458397	455908	456527	458567	457923	457178	459650	460900	461071	458454	460304					
	460732	457952	457888	458161	459730	460130	457302	456553	456222	457768	456662	458750	458244	16.650	17.241	17.548	17.722
3	457685	457432	459777	457604	456801	459553	459296	461072	460221	461063	459120	461275					
	462106	461789	458612	458943	458116	459297	456525	457090	460019	458674	456695	457415	459007	16.676	17.221	17.551	17.752
4	456244	454729	456983	456552	457081	457790	458757	458711	460808	457789	460299	459721					
	460045	459570	459940	457764	459362	459179	458073	456899	456204	456544	455673	457290	458000	16.723	17.177	17.550	17.727
5	456467	456714	457177	458196	455501	457247	458770	455720	456061	457445	457037	459624					
	457630	457812	459600	459155	460271	458514	459811	459060	456517	456954	455113	459793	457758	16.677	17.220	17.569	17.740
6	457473	459899	458338	458269	462084	461801	458659	460407	456967	458316	460301	460186					
	460778	459964	460628	461711	460182	459974	462717	461559	461289	460481	460177	460932	460129	16.672	17.177	17.580	17.740
7	464505	461264	460371	460004	459715	461383	464459	460167	461696	460287	459158	462515					
	462680	461631	464201	462813	461513	462086	461004	459315	457574	456637	457846	457700	460855	16.696	17.202	17.569	17.741
8	459499	459422	459263	457885	459072	457629	457420	458037	458058	458375	458215	459750					
	462752	463964	460124	461042	459305	461498	460294	459355	457696	460332	460233	458601	459493	16.673	17.225	17.567	17.757
9	458362	459511	456364	456905	458465	456402	459031	456623	458439	458816	461406	460255					
	460712	458158	459370	461443	460021	459002	457903	457382	459303	457217	458591	457555	458635	16.653	17.197	17.596	17.750
10	457422	456146	458424	458183	459190	458079	460077	459990	460015	458133	457190	459540					
	458841	458744	459792	458949	456214	459369	460002	458591	458389	457139	458894	459973	458637	16.686	17.190	17.583	17.746
11	459094	457468	458267	457310	457272	459318	458912	461628	459744	460412	456898	457094					
	457788	459985	456341	457556	455136	457799	458348	458114	457433	457100	455724	456148	457954	16.685	17.199	17.558	17.752
12	455968	457704	457314	453819	454421	454468	456247	456347	456780	457093	456678	457690					
	454940	456475	455968	456210	457994	453207	452492	453766	455219	453469	454119	453871	455511	16.702	17.210	17.543	17.716
13	454118	454233	454637	453877	455846	454178	456889	456311	453879	457651	455187	453722					
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14	453918	455966	457012	456866	455043	456823	456422	453819	453653	453033	454517	455967					
	453889	453450	455815	455129	455310	450420	452591	453253	454278	455101	452461	454717	454561	16.679	17.203	17.598	17.730
15	453270	453000	453958	453310	455005	456035	454388	456349	456238	455230	455730	457089					
	455535	455311	457806	453650	455458	455216	454037	454576	453104	454345	452314	452875	454743	16.679	17.225	17.589	17.701
16	456052	453689	454857	454860	454199	456358	455930	456738	455306	455704	453483	458649					
	458365	459154	460562	460169	460189	455532	454761	455629	453599	453432	451045	451443	455821	16.700	17.215	17.585	17.753
17	450706	450937	451123	451528	452456	448417	451241	453289	451629	453458	453335	455772					
	455725	452708	453258	453849	455159	453258	451179	452570	452185	449843	452766	451320	452405	16.679	17.209	17.617	17.728
18	450460	449950	449636	449633	450591	452698	454384	454559	457263	455290	454755	456548					
	445703	457866	453126	455503	452572	448429	449573	450977	452171	449437	450773	452507	452739	16.690	17.231	17.563	17.722
19	453378	454812	454288	452309	454524	456465	456343	458625	457055	456019	455791	453607					
	453540	454909	454924	452257	450194	453302	451471	451102	452750	452400	450256	452313	453860	16.671	17.234	17.573	17.741
20	453046	453663	452412	453675	452310	452882	452754	455250	454144	453175	452328	452897					
	450939	451915	452313	453289	452390	451208	451039	450789	450630	449603	449437	450527	452192	16.705	17.220	17.589	17.728
21	448807	450697	450931	451651	450887	451322	451751	453072	454842	454597	453676	456407					
	455195	454234	454406	454250	451312	450953	452634	452315	450282	452637	451101	454202	452590	16.691	17.189	17.599	17.728
22	451329	453215	452047	453064	452971	453764	453369	452703	453044	454283	454503	453156					
	454645	456303	453535	454198	454946	453279	452387	453481	452394	449217	451475	453535	453202	16.689	17.190	17.593	17.733
23	454136	453854	452372	453226	453854	452075	453574	454208	457056	458431	456850	456489					
	456134	455360	454977	455453	455223	454484	455945	455735	452650	453573	453302	454714	454737	16.692	17.192	17.597	17.744
24	453638	451563	454326	456189	454200	455066	456454	454171	456994	459659	456236	457706					
	456224	458126	455082	454968	455500	456755	452825	453024	453915	456331	456291	455737	455457	16.697	17.205	17.587	17.729
25	457742	458926	456026	455771	456959	457585	457413	457853	458176	459723	458957	459193					
	457929	457993	456745	454779	454851	455537	458529	456530	456039	455329	455291	456054	457080	16.688	17.226	17.538	17.759
26	457095	457484	456672	459116	459507	457599	460375	459498	463252	460126	460168	460580					
	461341	458412	459468	456987	454083	456439	456136	455160	454720	456422	454554	457954	458048	16.678	17.210	17.579	17.738
27	458239	457575	458493	457095	459367	459635	459879	461239	458698	460471	461690	461724					
	458197	458591	457445	458184	457348	455670	455807	458592	454747	455861	458547	459188	458428	16.708	17.220	17.578	17.715
28	457542	457141	457412	456210	457307	458835	458538	460469	461003	459995	462547	462893					
	463433	461356	461544	460147	461768	458466	459631	458151	458501	459226	461909	461905	459830	16.706	17.187	17.555	17.734
29	461442	462023	461462	459664	461701	459885	459989	461408	463117	460448	462067	461251					
	461590	462454	462223	457548	458122	458410	459215	457185	459687	458698	457653	457806	460210	16.692	17.218	17.565	17.747
30	456684	459243	461009	459269	458394	460804	461254	460053	458894	462258	458207	458424					
	462777	461599	456675	457593	456829	455205	453802	456276	457402	453869	454165	455526	458175	16.687	17.209	17.588	17.765
MONTHLY	455805	455939	455992	455729	456283	456461	457150	457473	457679	457917	457378	458258					
AVG	458216	458071	457577	457287	456766	456328	455955	455863	455707	455457	455281	456046	456692	16.685	17.208	17.577	17.736

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

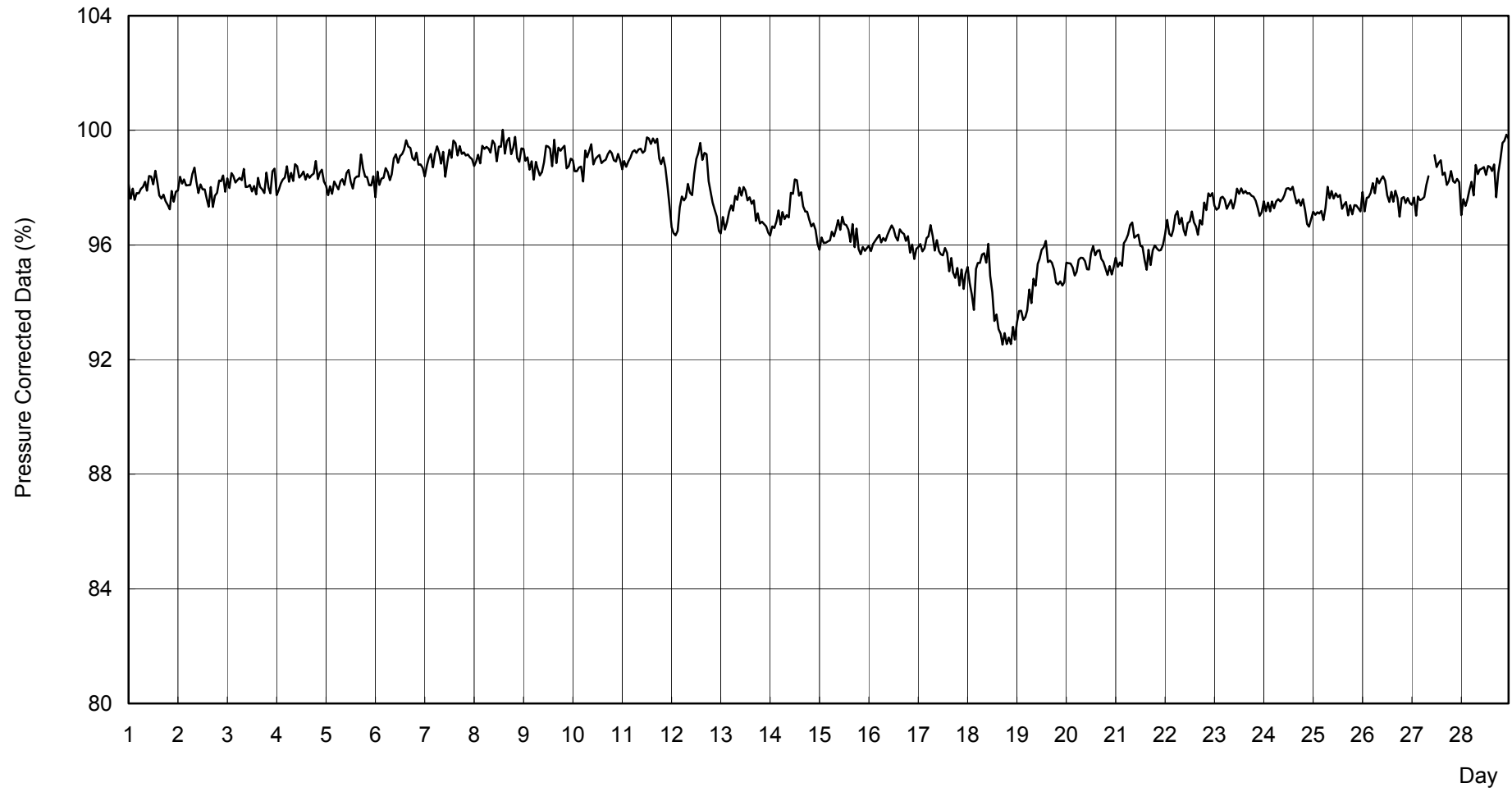
Pressure corrected data - December 1999

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	456041	455656	456361	455436	457351	458764	457084	455535	455505	456459	458167	454436					
	455478	457454	456565	454882	455492	456490	455950	452868	455935	455191	455579	456585	456053	16.676	17.214	17.581	17.694
2	455274	454054	454872	458251	456428	455194	456362	456900	455613	457021	456484	458346					
	455235	456665	453784	452634	451249	452730	451772	449730	450508	446480	448831	447260	453820	16.703	17.230	17.572	17.712
3	446161	448288	449730	450310	447575	447548	448195	448185	447432	448131	451314	451808					
	454724	454311	456990	456581	458148	457189	455757	455015	452279	452683	451829	451298	451728	16.678	17.172	17.567	17.749
4	452161	450404	451645	450460	455150	453902	453514	454274	455326	452829	454750	456938					
	456457	457551	456614	456878	456777	455617	453816	452270	453287	451699	451909	451834	454003	16.700	17.230	17.597	17.761
5	451225	451157	453465	455267	453160	453426	456201	456140	456687	456764	456112	456895					
	458451	456453	458636	458944	457311	457947	455933	455714	455881	457869	457566	457266	456019	16.711	17.216	17.570	17.741
6	457357	456803	455845	455809	459600	459980	457352	458486	458602	460771	459739	460649					
	461322	461677	461044	459780	458880	459447	461674	458581	458900	457133	457657	457896	458958	16.694	17.200	17.619	17.722
7	459403	458785	459577	461114	459850	460153	460044	462150	459409	459529	460971	460456					
	461778	460190	461817	460246	460670	459678	460333	462235	459436	459516	459881	458857	460253	16.681	17.196	17.577	17.744
8	459477	458132	461079	459931	462382	459609	461168	462825	463373	464731	464660	463144					
	462165	463615	460444	461083	461716	461169	460521	459521	460549	461301	461009	462041	461485	16.696	17.195	17.581	17.736
9	461019	460224	461537	460293	458406	461521	460651	461588	462001	461920	463397	462573					
	461550	462255	462074	462023	459541	461832	460299	461000	459179	459461	458430	457632	460850	16.685	17.203	17.587	17.745
10	460733	458231	458855	459653	459445	458435	458817	459823	459066	457635	459706	460109					
	459343	457749	459346	460163	458445	458828	457431	460377	461206	460144	460345	461654	459398	16.692	17.211	17.582	17.717
11	460572	460043	456377	457780	454812	457968	458145	458402	458063	461216	457927	461351					
	460965	458853	459858	459285	458681	458761	457858	458359	456568	454355	454597	456764	458232	16.675	17.197	17.594	17.723
12	456400	454962	454547	454479	452873	453561	453569	455729	455297	457576	458208	459042					
	459530	460083	460040	459240	456654	456008	454140	456259	451065	443632	437528	435665	454004	16.691	17.182	17.598	17.734
13	434662	437301	437626	436977	438078	437612	440902	442284	443731	447148	449429	449746					
	447934	444945	445384	444121	443518	441674	440408	440811	438462	437979	437044	437949	441488	16.677	17.224	17.571	17.751
14	439389	441474	443167	445226	445805	444709	440711	442535	442776	442152	440430	439220					
	442651	439951	440441	439254	439692	440160	437993	437691	438626	437663	438643	440191	440856	16.707	17.219	17.603	17.686
15	440332	439545	440970	441686	442096	442768	442905	443281	447151	446748	450643	452677					
	453448	450755	451467	450725	449589	448897	447113	446181	445639	448168	447035	448644	446603	16.677	17.221	17.588	17.734
16	448154	449113	449019	449975	449815	451320	451494	450211	447902	450613	452408	452371					
	451046	451322	451969	453128	449930	449378	449078	448402	449060	450700	450091	449017	450230	16.667	17.202	17.598	17.742
17	449283	449436	450119	449578	452164	450572	451779	452413	451594	451584	453308	451991					
	454091	452093	454941	454800	450986	454344	450923	452589	454013	453690	453618	454183	452254	16.697	17.216	17.560	17.753
18	453324	450722	452431	450575	450377	453271	451551	455514	453962	454951	454607	455387					
	455664	455061	455620	454970	454705	456177	454799	454827	455216	451240	454673	454749	453932	16.676	17.219	17.594	17.721
19	454317	454166	452821	455533	454685	452568	454217	454130	453534	453809	456337	458323					
	456127	456589	456228	456002	457133	454424	456031	455515	456328	454293	455172	456791	455211	16.701	17.183	17.545	17.769
20	456661	455079	455685	455700	454671	454016	456335	457361	458006	456668	456546	459845					
		459815	457104	456432	455124	456477	458071	455654	455228	455728	459603	455943	456598	16.705	17.206	17.590	17.739
21	458317	457368	454978	459728	459041	457348	459019	457897	459331	458908	458221	459407					
	458275	458634	457221	457788	457621	458478	457442	458796	458120	460144	458228	458114	458268	16.679	17.203	17.591	17.749
22	457434	457893	455712	454937	457957	457598	455385	458562	456779	458801	457397	457822					
	458515	459297	458582	458349	458442	459933	460197	457985	460649	457665	457316	458321	457980	16.671	17.189	17.588	17.741
23	457346	457605	457453	457563	458677	460063	459295	459668	457267	457944	458920	459004					
	457340	457221	457123	456835	459147	457851	455391	457289	457936	456348	457355	459090	457905	16.698	17.175	17.583	17.742
24	457564	456466	456101	457019	457351	457666	456699	457535	457037	458464	457345	456371					
	457815	457626	456167	454970	456032	456995	457618	455044	455358	455292	453512	453753	456492	16.677	17.241	17.573	17.724
25	456236	456478	455150	454823	455410	456317	456824	456663	456084	457586	455762	454632					
	454475	456369	456267	455289	456294	452032	454087	455078	452555	453372	450903	448648	454889	16.691	17.184	17.584	17.754
26	447583	448066	449811	452229	449704	453231	455557	455155	457871	456797	455585	454487					
	455206	454055	453242	451965	452333	448802	448919	448361	449523	449016	447703	448068	451803	16.676	17.204	17.583	17.749
27	448820	448394	451602	449761	447900	451051	451321	451354	451046	449920	451775	451877					
	450885	450586	451671	449474	448822	448342	450364	452471	450924	451766	450669	450864	450486	16.694	17.212	17.614	17.714
28	451966	450834	451171	449868	451252	451083	452365	450945	451377	453071	452360	456141					
	454916	455626	456445	454496	455101	455522	454297	454436	454070	453473	453057	451596	453145	16.678	17.194	17.581	17.717
29	454130	452238	453453	456395	454601	455223	456646	455050	454409	454581	454118	455887					
	455897	456133	457644	454607	455998	457123	457292	457144	460006	460352	460350	460265	456231	16.714	17.167	17.574	17.743
30	460312	459185	460783	457993	460149	459238	462219	460731	462499	462705	463026	462751					
	461721	460515	461306	463259	462363	461500	462261	463131	460773	460564	461879	459920	461283	16.705	17.242	17.566	17.719
31	457925	457485	457286	455044	457343	458713	457323	460466	461880	461003	461390	463372					
	461916	459937	459314	459974	459891	458228	459552	461902	459713	459765	459188	459425	459502	16.703	17.188	17.556	17.759
MONTHLY	453535	453083	453523	453851	454004	454336	454634	455219	455181	455743	456163	456679					
AVG	456497	456238	456302	455748	455364	455227	454752	454685	454419	453764	453587	453557	454837	16.689	17.204	17.583	17.735

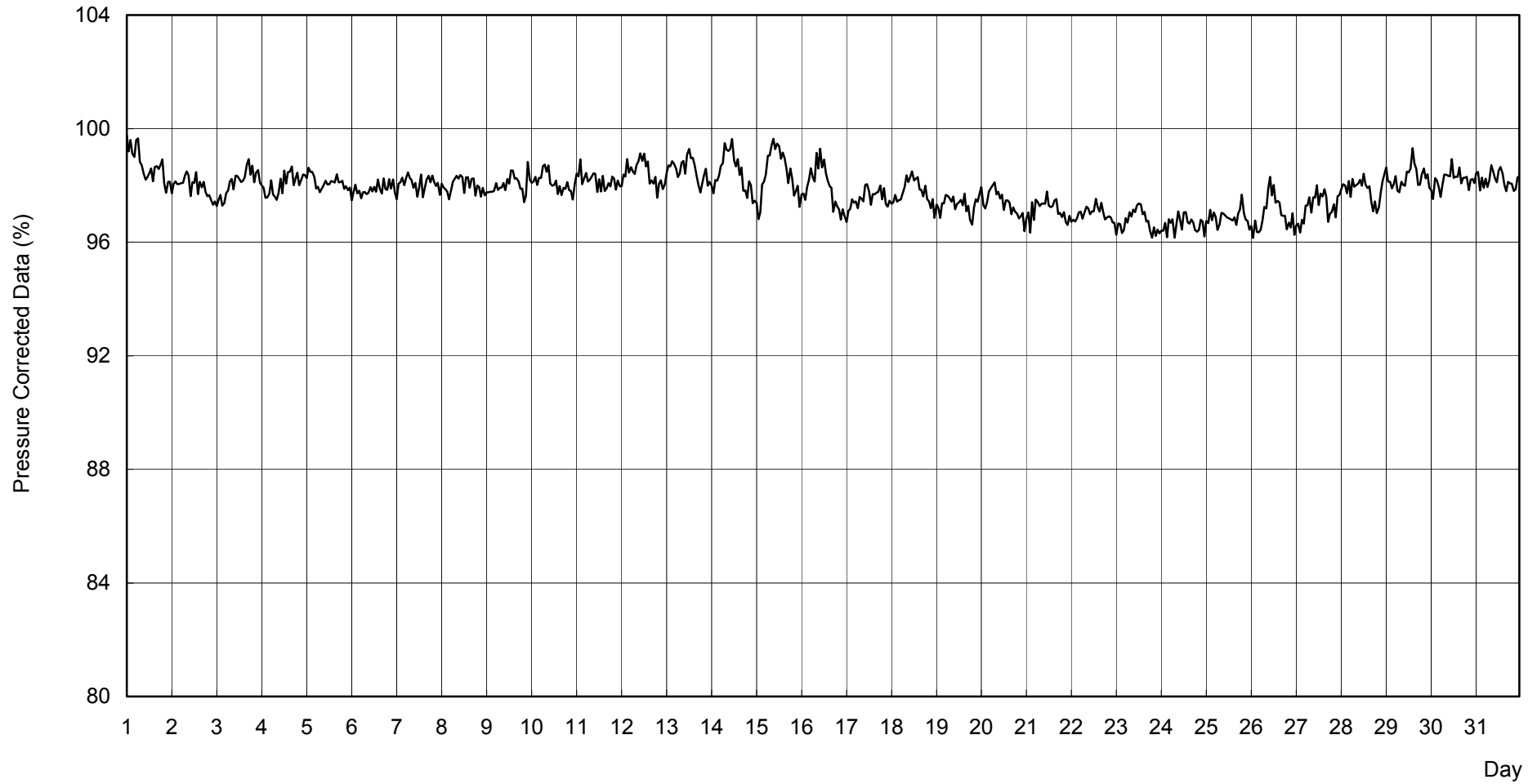
S.V.I.R.CO. Observatory - Pressure Corrected Data - January 1999



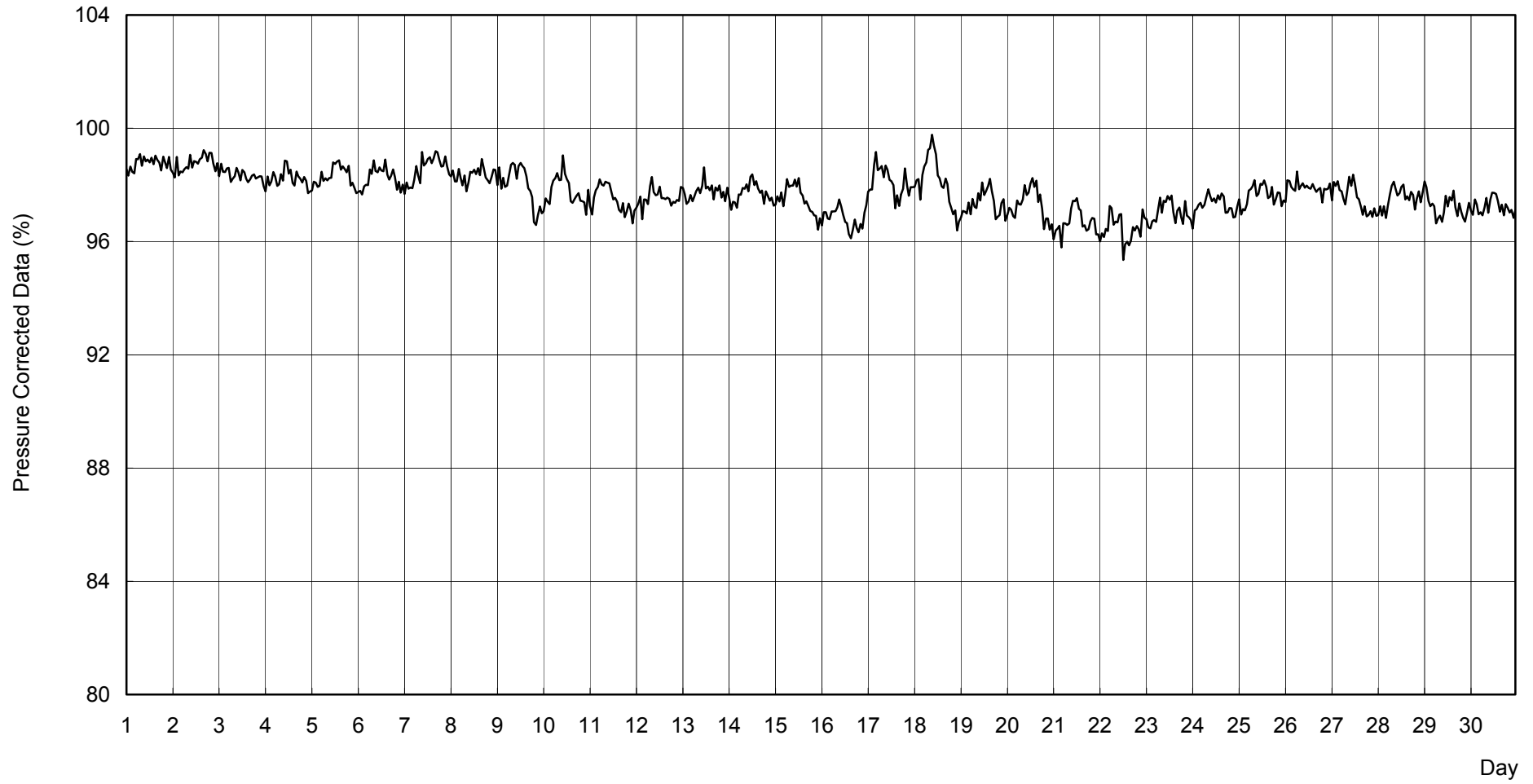
S.V.I.R.CO. Observatory - Pressure Corrected Data - February 1999



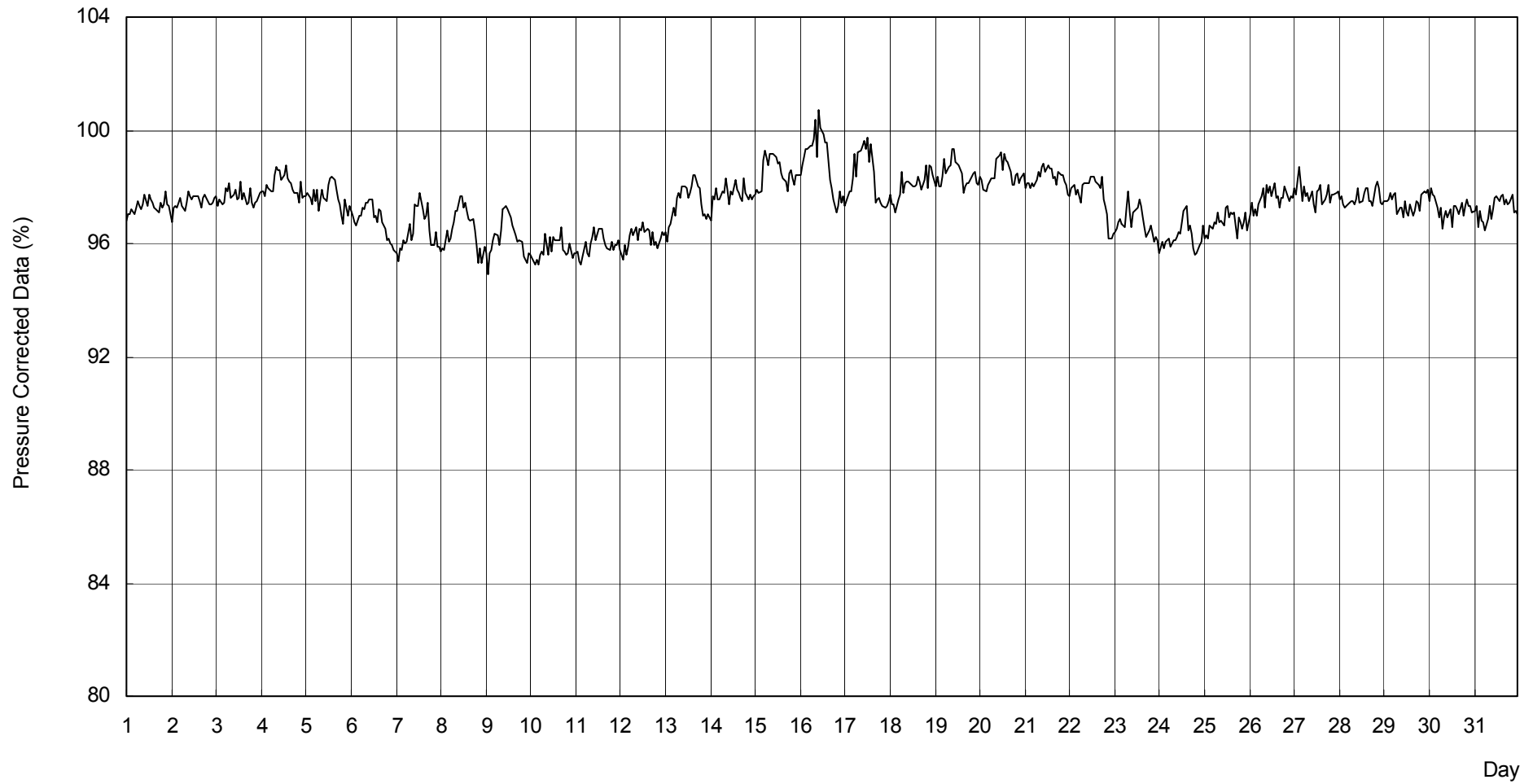
S.V.I.R.CO. Observatory - Pressure Corrected Data - March 1999



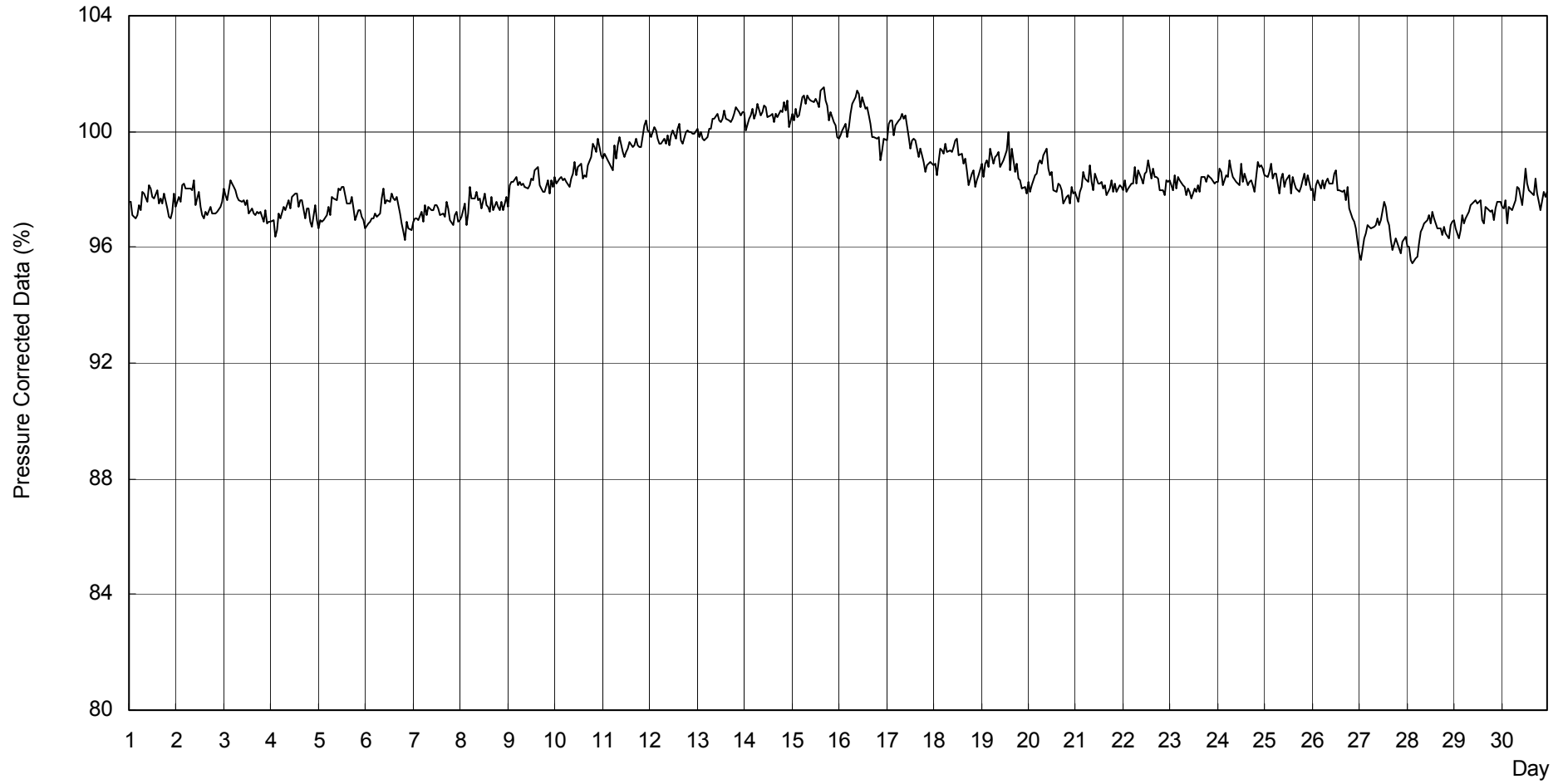
S.V.I.R.CO. Observatory - Pressure Corrected Data - April 1999



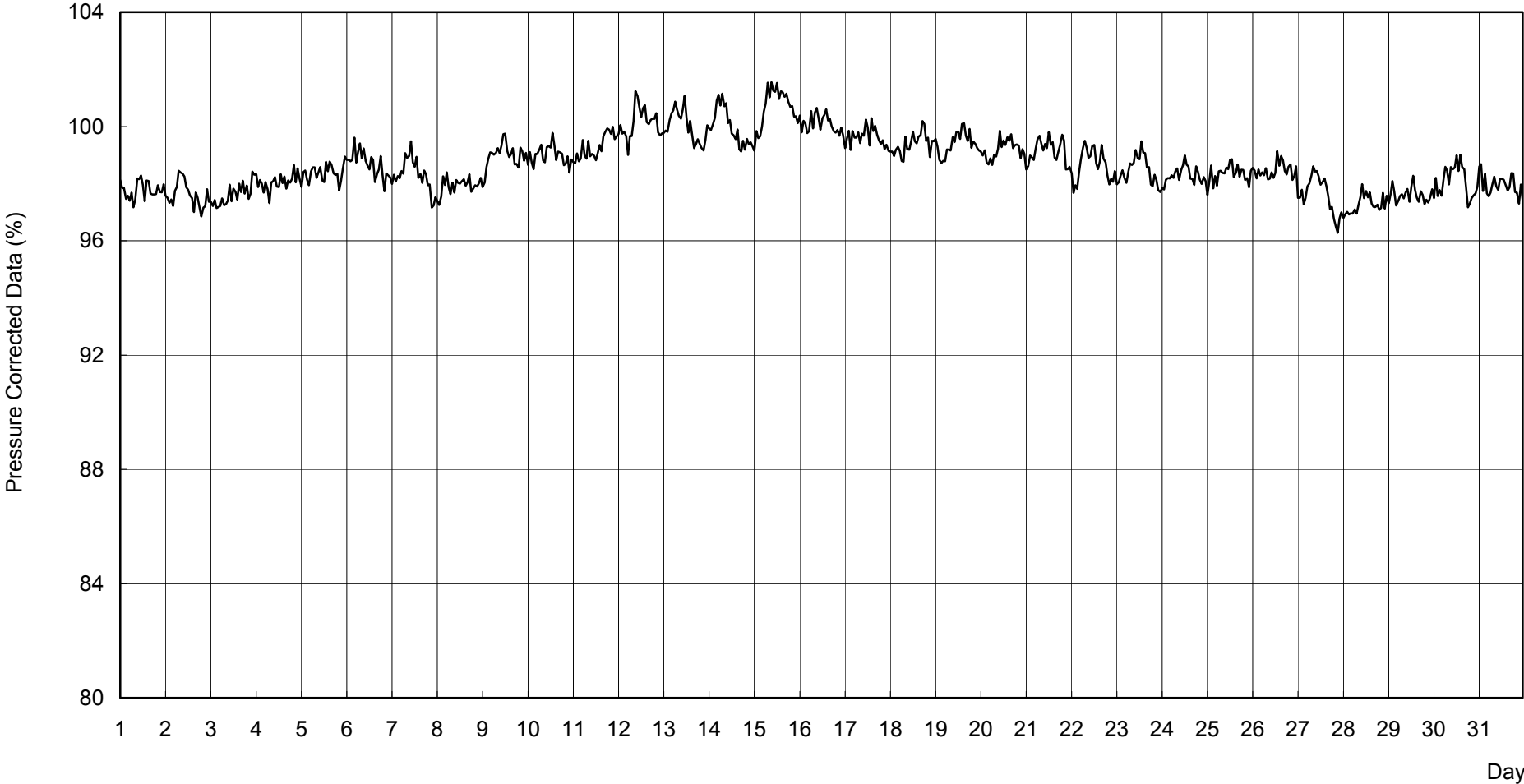
S.V.I.R.CO. Observatory - Pressure Corrected Data - May 1999



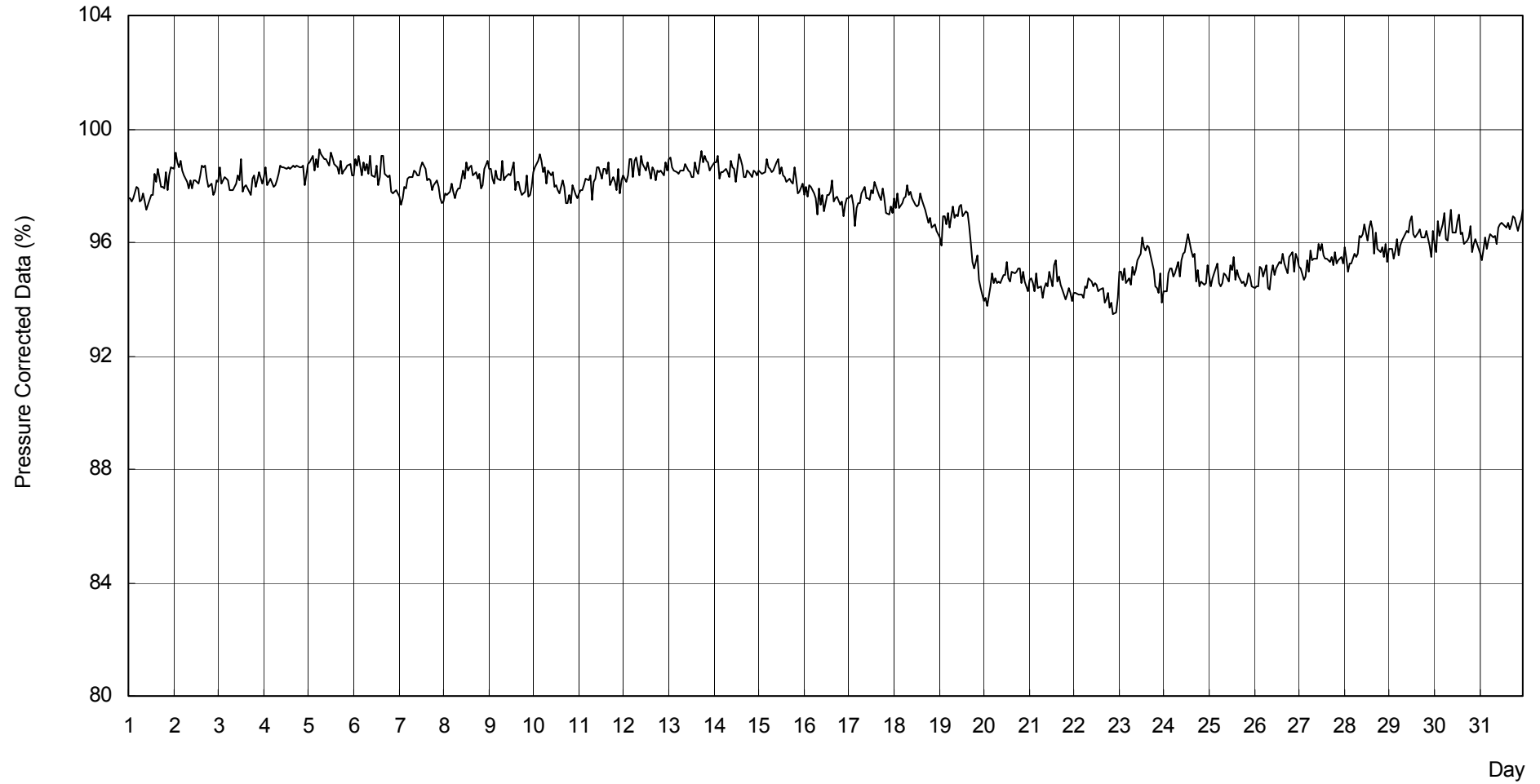
S.V.I.R.CO. Observatory - Pressure Corrected Data - June 1999



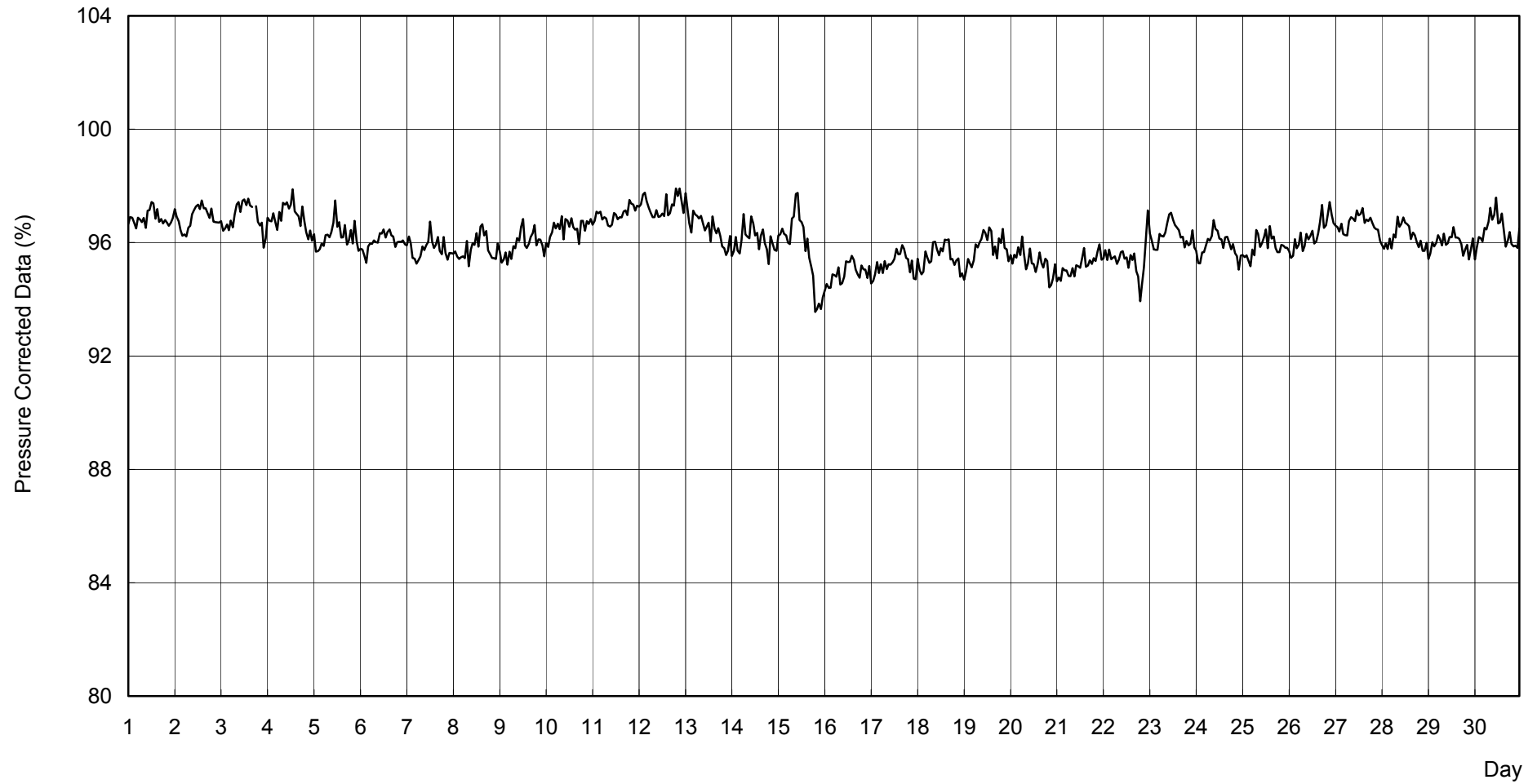
S.V.I.R.CO. Observatory - Pressure Corrected Data - July 1999



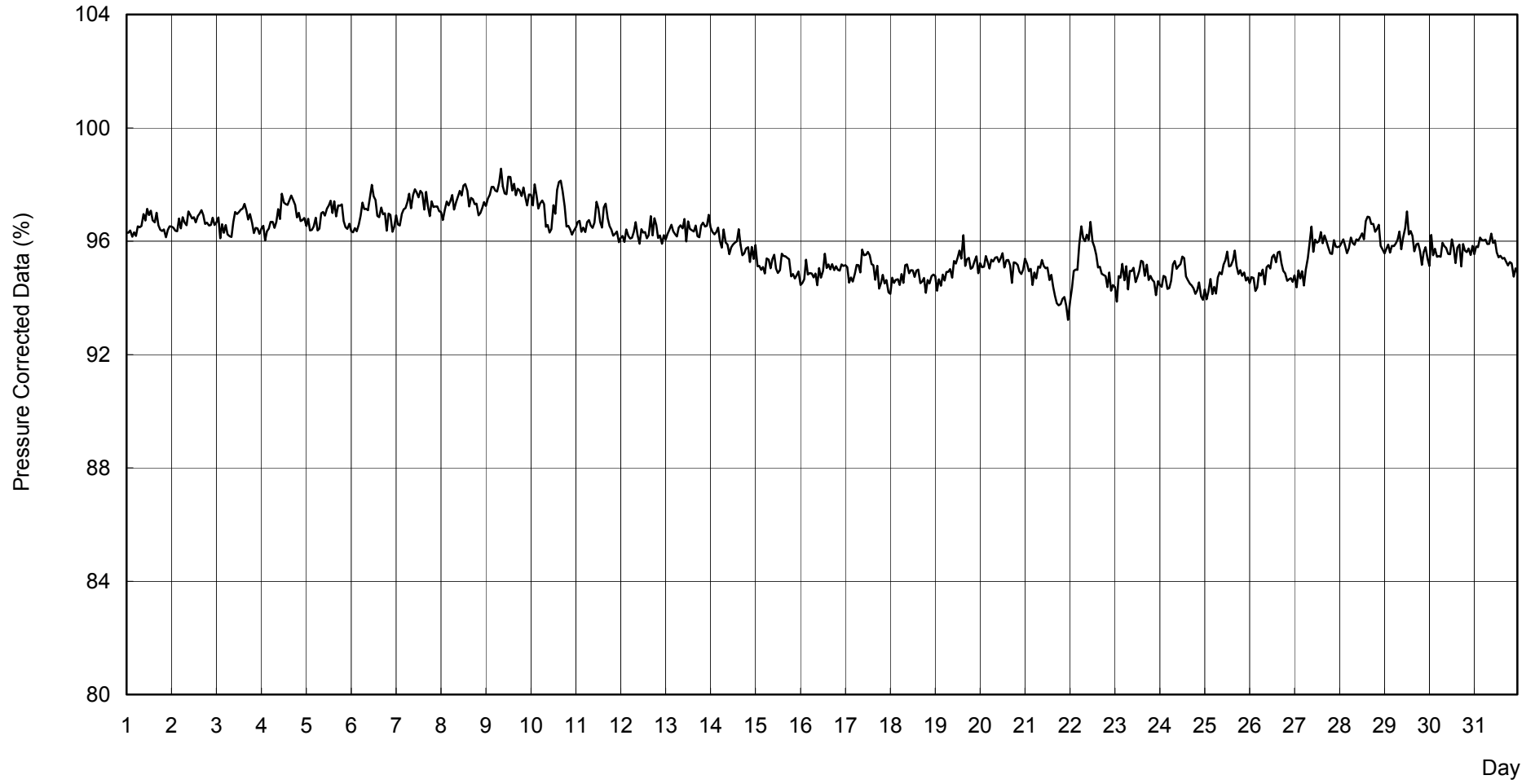
S.V.I.R.CO. Observatory - Pressure Corrected Data - August 1999



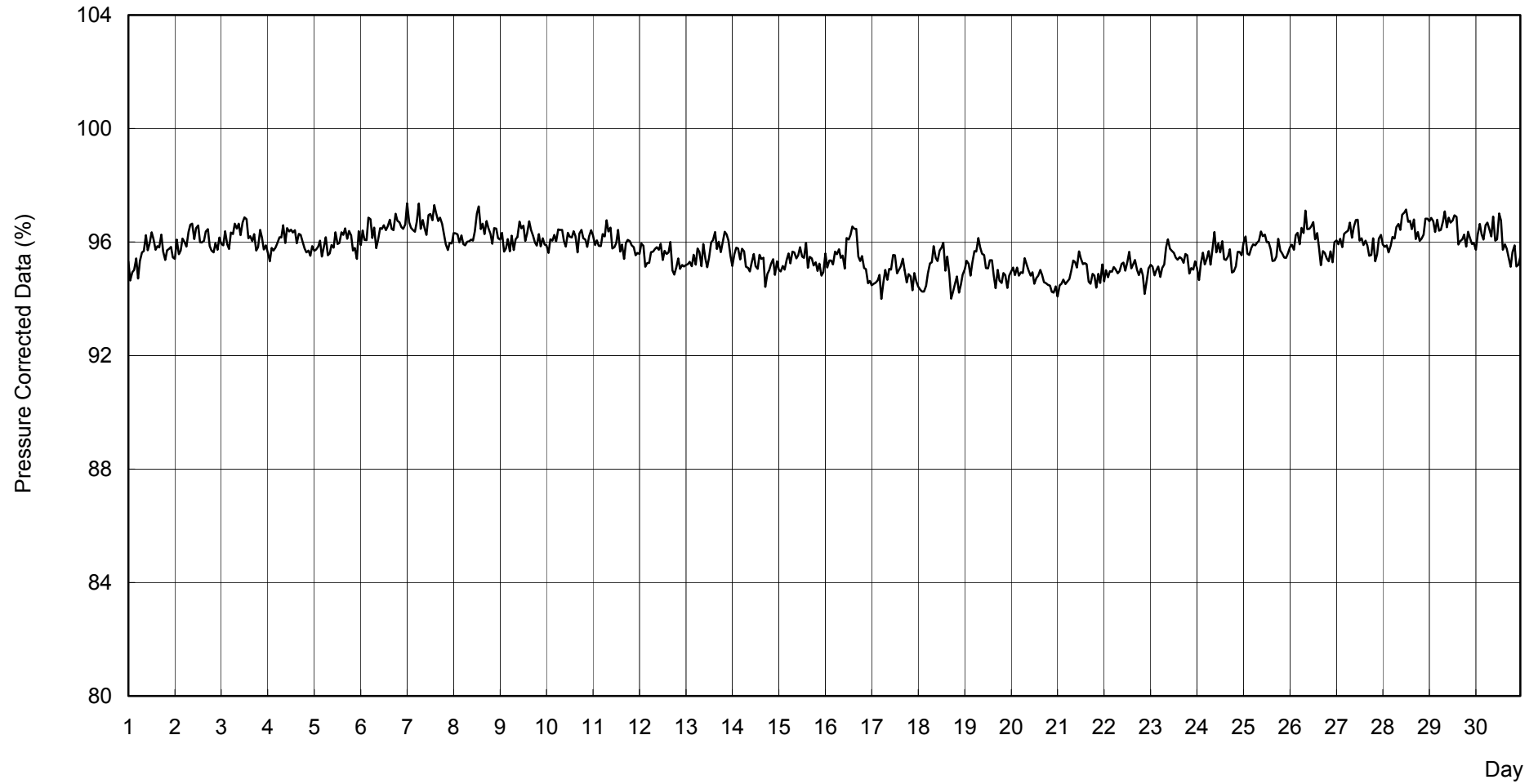
S.V.I.R.CO. Observatory - Pressure Corrected Data - September 1999



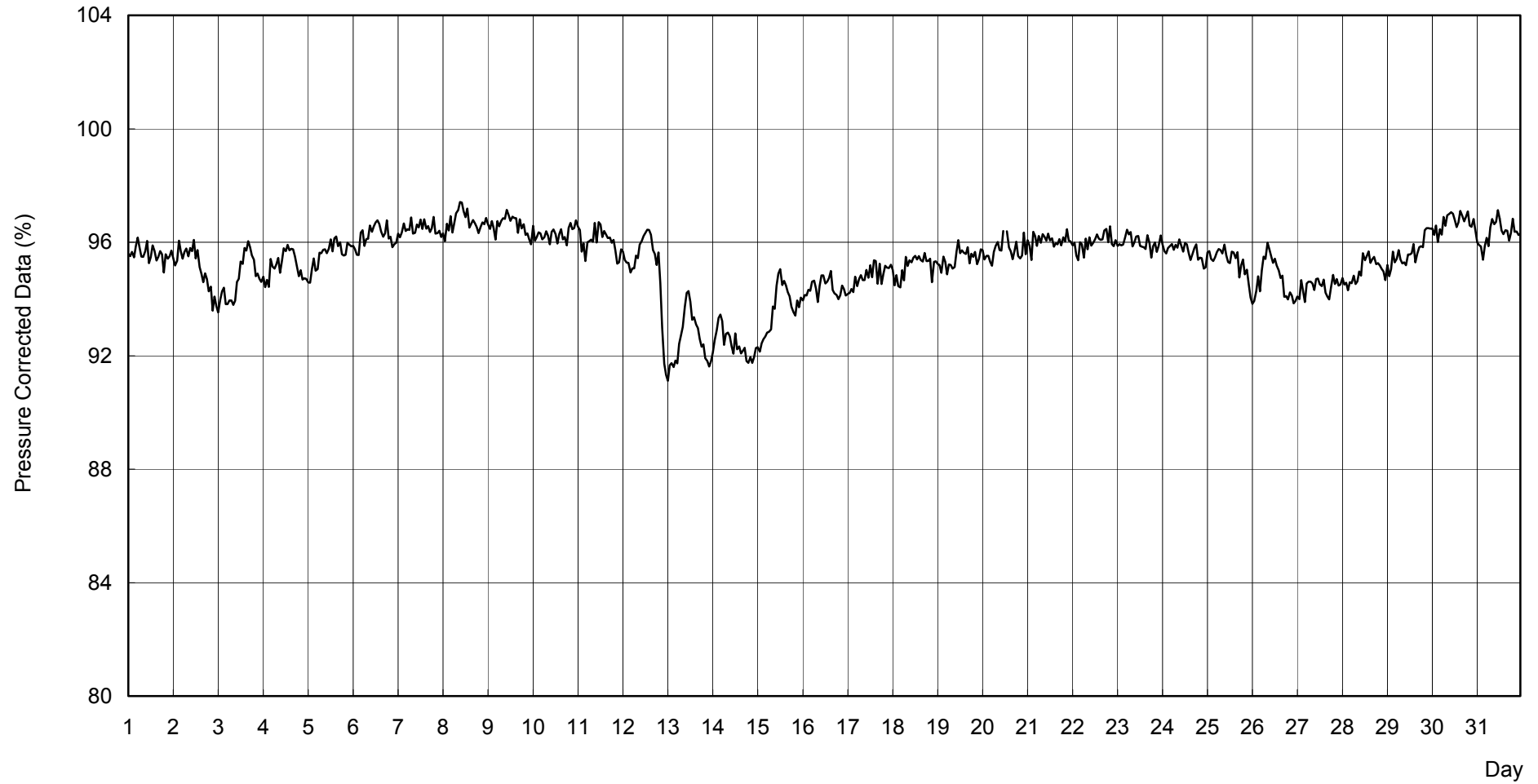
S.V.I.R.CO. Observatory - Pressure Corrected Data - October 1999



S.V.I.R.CO. Observatory - Pressure Corrected Data - November 1999



S.V.I.R.CO. Observatory - Pressure Corrected Data - December 1999



S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal- January 1999

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	1019.16	1018.67	1017.97	1017.62	1017.48	1017.34	1017.17	1017.10	1017.07	1017.08	1016.28	1015.51	
	1014.99	1014.58	1014.25	1014.01	1013.89	1013.85	1013.89	1013.49	1013.41	1013.41	1013.44	1013.43	1015.63
2	1013.38	1013.30	1013.15	1012.93	1012.61	1012.51	1013.27	1013.96	1014.52	1014.43	1013.95	1013.36	
	1012.84	1012.36	1012.12	1011.98	1011.71	1011.64	1011.66	1011.75	1011.70	1011.53	1011.45	1011.11	1012.63
3	1010.87	1010.05	1009.56	1009.11	1008.74	1008.58	1008.81	1008.82	1008.99	1009.27	1008.97	1008.59	
	1008.34	1008.29	1008.63	1009.28	1009.90	1010.77	1011.56	1011.92	1012.31	1012.71	1013.09	1013.45	1010.03
4	1013.56	1013.67	1013.53	1013.27	1013.84	1014.35	1014.40	1014.89	1015.21	1015.34	1015.34	1015.19	
	1014.66	1014.56	1014.90	1015.38	1016.33	1017.18	1017.80	1017.98	1018.40	1018.69	1019.17	1019.41	1015.71
5	1019.43	1019.68	1019.80	1019.93	1020.16	1020.53	1020.78	1021.01	1021.41	1021.71	1021.58	1021.40	
	1020.99	1020.85	1020.93	1021.04	1021.26	1021.60	1021.90	1022.05	1022.47	1022.77	1023.01	1023.27	1021.23
6	1023.46	1023.43	1023.13	1022.97	1023.16	1023.45	1023.80	1024.12	1024.51	1024.60	1024.60	1024.60	
	1024.60	1024.60	1024.60	1024.60	1024.60	1023.89	1023.50	1023.60	1023.80	1023.80	1023.71	1023.42	1023.94
7	1023.28	1023.22	1022.86	1022.17	1021.88	1021.92	1022.11	1022.03	1021.95	1022.00	1021.24	1021.07	
	1021.07	1019.07	1018.47	1018.04	1017.84	1017.44	1017.52	1017.09	1016.43	1016.39	1016.21	1015.53	1019.87
8	1014.57	1014.14	1013.73	1012.90	1012.40	1012.02	1011.58	1011.50	1011.55	1011.30	1010.68	1009.72	
	1008.91	1008.26	1008.10	1008.10	1007.59	1006.38	1005.92	1005.58	1005.44	1005.02	1004.80	1004.60	1009.37
9	1004.02	1004.09	1003.79	1003.76	1003.63	1003.76	1004.14	1004.09	1004.17	1004.35	1004.14	1003.90	
	1003.58	1003.35	1003.21	1003.21	1003.21	1003.57	1005.23	1005.26	1005.61	1006.37	1006.82	1006.56	1004.33
10	1006.30	1006.95	1007.04	1007.12	1007.06	1007.08	1007.49	1007.76	1007.84	1008.35	1008.39	1007.71	
	1007.16	1006.57	1006.30	1006.27	1006.27	1004.73	1004.15	1004.21	1003.97	1003.38	1003.19	1002.81	1006.17
11	1002.05	1001.76	1001.28	1000.69	1001.34	1002.42	1002.46	1002.46	1002.46	1004.74	1006.50	1006.83	
	1007.38	1007.97	1009.12	1010.12	1011.04	1011.99	1013.07	1013.96	1014.23	1014.23	1014.23	1014.23	1007.36
12	1015.72	1016.30	1016.90	1017.23	1017.66	1018.09	1018.45	1018.85	1019.41	1020.00	1019.94	1019.41	
	1019.19	1019.11	1019.11	1019.11	1019.11	1019.11	1019.11	1018.88	1018.34	1018.38	1018.18	1017.61	1018.47
13	1016.71	1015.94	1015.03	1013.90	1012.86	1012.25	1011.58	1011.01	1010.47	1009.80	1008.44	1007.03	
	1005.64	1004.67	1003.71	1004.79	1005.13	1005.59	1006.29	1007.41	1008.73	1010.13	1010.99	1011.64	1009.57
14	1011.74	1011.90	1012.11	1012.11	1012.56	1013.27	1014.38	1014.92	1014.86	1015.31	1014.56	1013.92	
	1013.57	1013.33	1013.59	1013.76	1013.09	1012.87	1012.78	1013.00	1013.23	1013.41	1014.16	1014.56	1013.46
15	1014.93	1015.44	1015.55	1015.87	1016.60	1017.40	1018.30	1019.09	1019.86	1020.48	1020.65	1020.31	
	1019.86	1019.74	1019.83	1020.13	1020.68	1021.27	1021.83	1022.30	1022.89	1023.28	1023.91	1024.15	1019.76
16	1024.03	1024.17	1024.03	1024.09	1024.32	1024.62	1024.90	1025.34	1025.97	1026.29	1025.93	1025.21	
	1024.58	1024.13	1024.12	1024.19	1024.28	1024.48	1024.60	1024.90	1025.24	1025.48	1025.57	1025.41	1024.83
17	1025.17	1025.01	1024.71	1024.42	1024.26	1024.24	1024.26	1024.38	1024.43	1024.34	1023.89	1023.14	
	1022.44	1021.91	1021.40	1021.13	1021.11	1021.15	1021.29	1021.41	1021.46	1021.47	1021.46	1021.18	1022.90
18	1021.19	1021.30	1021.11	1020.83	1020.65	1020.76	1020.80	1021.09	1021.30	1021.39	1021.01	1020.70	
	1020.18	1019.67	1019.40	1019.09	1019.33	1019.61	1019.65	1019.65	1019.65	1019.59	1019.90	1019.90	1020.32
19	1020.21	1020.40	1020.30	1020.25	1020.24	1020.61	1020.97	1021.44	1021.59	1021.80	1021.81	1021.55	
	1021.25	1021.10	1021.07	1021.17	1021.51	1022.04	1022.50	1022.72	1023.01	1023.38	1023.86	1023.90	1021.61
20	1024.00	1023.98	1023.84	1023.73	1023.83	1023.93	1024.25	1024.59	1024.76	1024.97	1024.62	1023.92	
	1023.30	1022.95	1022.68	1022.55	1022.72	1022.81	1022.89	1023.08	1023.31	1023.47	1023.49	1023.50	1023.63
21	1023.48	1023.34	1023.06	1022.72	1022.52	1022.49	1022.65	1022.99	1023.12	1023.36	1023.23	1022.57	
	1021.89	1021.50	1021.36	1021.39	1021.60	1021.85	1022.09	1022.22	1022.32	1022.56	1022.72	1022.67	1022.49
22	1022.55	1022.78	1022.61	1022.40	1022.31	1022.60	1022.90	1023.15	1023.14	1023.13	1022.87	1022.30	
	1021.72	1021.52	1021.50	1021.56	1021.67	1022.02	1022.31	1022.67	1022.75	1022.69	1022.82	1022.94	1022.46
23	1023.02	1023.22	1023.15	1023.06	1022.90	1022.90	1023.32	1023.86	1024.21	1024.34	1024.33	1023.96	
	1023.35	1022.99	1022.78	1022.70	1022.91	1023.26	1023.59	1023.86	1024.08	1024.11	1024.18	1024.30	1023.52
24	1024.19	1024.13	1024.10	1023.92	1024.06	1024.30	1024.53	1024.96	1025.44	1025.67	1025.65	1025.34	
	1024.83	1024.36	1024.17	1024.29	1024.58	1024.87	1025.31	1025.70	1025.99	1026.02	1026.41	1026.57	1024.97
25	1026.57	1026.79	1026.64	1026.41	1026.27	1026.39	1026.75	1026.96	1026.86	1027.07	1027.05	1026.32	
	1025.40	1024.72	1024.54	1024.59	1024.64	1024.77	1025.13	1025.36	1025.27	1025.27	1025.06	1024.77	1025.82
26	1024.33	1024.03	1023.68	1023.29	1022.93	1022.79	1022.75	1022.85	1022.64	1022.55	1021.70	1020.74	
	1019.51	1018.63	1017.91	1017.42	1016.95	1016.56	1016.19	1015.39	1014.63	1013.76	1013.27	1012.41	1019.45
27	1011.42	1010.58	1009.54	1008.27	1007.00	1006.01	1005.41	1005.15	1004.44	1003.75	1003.03	1002.42	
	1001.76	1001.16	1001.11	1001.07	1000.80	1000.39	1000.67	1000.65	1000.63	1000.63	1001.01	1001.52	1003.68
28	1001.39	1002.03	1002.56	1003.41	1004.03	1005.08	1005.99	1006.25	1006.75	1007.11	1006.89	1006.33	
	1005.77	1005.12	1004.90	1004.38	1003.95	1003.92	1003.46	1002.27	1001.46	1000.49	1000.03	999.36	1003.87
29	998.76	998.56	998.62	998.53	998.84	999.25	1000.07	1000.60	1000.84	1001.34	1001.53	1001.57	
	1001.81	1002.40	1003.34	1004.22	1005.30	1006.20	1006.99	1007.49	1008.11	1008.42	1008.95	1009.25	1002.96
30	1009.82	1010.17	1010.31	1010.30	1010.77	1010.67	1011.15	1011.74	1012.31	1012.62	1012.59	1011.93	
	1011.55	1011.48	1011.77	1012.48	1013.17	1013.65	1014.11	1014.17	1014.32	1014.49	1014.41	1014.54	1012.27
31	1014.53	1014.54	1014.08	1013.61	1013.56	1013.50	1013.65	1014.02	1014.53	1015.03	1015.28	1015.23	
	1014.92	1014.70	1014.87	1014.89	1015.26	1015.73	1016.30	1016.62	1016.79	1016.95	1017.34	1017.51	1015.14
MONTHLY AVG	1016.25	1016.24	1016.06	1015.83	1015.82	1015.97	1016.23	1016.48	1016.66	1016.89	1016.67	1016.19	
	1015.71	1015.34	1015.28	1015.39	1015.53	1015.65	1015.91	1016.02	1016.13	1016.20	1016.35	1016.31	1016.05

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - February 1999

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	1017.42	1017.44	1017.19	1017.02	1016.96	1017.08	1017.28	1017.67	1018.14	1018.62	1018.70	1018.27	
	1017.90	1017.90	1018.19	1018.35	1018.64	1019.24	1020.01	1020.81	1021.43	1021.88	1022.24	1022.57	1018.79
2	1022.49	1022.35	1022.01	1021.57	1021.29	1021.48	1021.85	1022.37	1022.75	1022.90	1022.98	1022.60	
	1022.12	1021.90	1021.95	1022.32	1022.73	1023.40	1024.10	1024.65	1025.25	1025.83	1026.67	1027.01	1023.11
3	1027.08	1026.78	1026.63	1026.87	1027.13	1027.56	1028.03	1028.03	1028.19	1028.51	1028.56	1027.90	
	1027.16	1026.70	1026.44	1026.22	1026.05	1026.50	1026.65	1026.57	1026.98	1026.85	1026.82	1026.64	1027.12
4	1026.60	1026.53	1026.15	1025.89	1025.67	1025.88	1025.66	1025.95	1026.29	1025.89	1025.60	1024.74	
	1023.56	1022.81	1022.26	1021.88	1021.91	1021.81	1021.75	1021.64	1021.58	1021.34	1020.92	1020.85	1023.88
5	1020.13	1019.55	1018.59	1017.89	1017.14	1016.41	1015.81	1015.25	1014.87	1014.14	1013.16	1012.03	
	1010.72	1009.18	1008.31	1007.51	1006.45	1005.94	1005.56	1005.11	1004.99	1005.05	1004.76	1004.21	1011.37
6	1003.74	1003.44	1003.02	1002.62	1002.16	1002.21	1002.44	1002.63	1002.78	1003.16	1003.07	1002.44	
	1001.93	1001.45	1001.40	1001.71	1002.39	1003.23	1003.71	1004.27	1005.02	1005.52	1005.59	1005.50	1003.14
7	1005.58	1005.48	1005.17	1005.02	1004.96	1004.79	1005.10	1005.40	1005.57	1005.55	1004.78	1003.63	
	1003.00	1002.22	1001.48	1000.59	999.96	1000.05	999.88	999.66	999.33	998.87	998.18	997.76	1002.58
8	997.25	996.35	995.11	994.98	995.81	996.30	996.93	997.84	998.65	999.71	1000.63	1000.71	
	1001.00	1001.67	1002.66	1004.39	1006.18	1007.65	1008.60	1009.16	1009.62	1009.99	1010.13	1010.50	1002.16
9	1010.48	1010.13	1009.55	1008.81	1008.08	1008.05	1007.86	1007.86	1007.80	1007.68	1007.34	1006.71	
	1005.75	1005.00	1004.35	1003.59	1002.76	1002.68	1002.44	1002.01	1001.41	1000.82	1000.34	999.79	1005.47
10	998.84	997.92	996.79	995.73	995.17	994.50	994.40	994.22	993.42	992.69	992.24	991.53	
	991.38	991.47	991.74	991.89	992.15	992.50	993.27	993.56	994.02	994.44	994.57	994.62	993.88
11	994.82	994.43	994.05	993.82	994.11	994.45	995.27	996.09	996.62	997.05	997.53	997.46	
	997.25	997.43	997.68	998.01	998.52	999.01	999.68	1000.11	1000.62	1001.14	1001.38	1001.74	997.43
12	1002.03	1002.24	1002.45	1002.73	1002.90	1003.11	1003.76	1004.45	1004.75	1005.14	1005.54	1005.52	
	1005.35	1005.30	1005.63	1006.06	1006.73	1007.63	1008.38	1008.92	1009.58	1009.79	1010.13	1010.47	1005.78
13	1010.89	1011.07	1011.13	1011.21	1011.44	1011.69	1012.34	1012.88	1013.39	1013.86	1014.26	1014.10	
	1014.01	1014.08	1014.41	1014.71	1015.18	1016.09	1016.80	1017.68	1018.27	1018.40	1018.64	1018.99	1014.40
14	1019.07	1019.15	1019.04	1019.01	1019.11	1019.24	1019.69	1019.96	1020.47	1020.59	1020.57	1019.97	
	1019.35	1019.27	1019.34	1019.39	1019.67	1020.06	1020.35	1020.72	1021.13	1021.08	1021.07	1020.98	1019.93
15	1020.94	1021.18	1020.89	1020.76	1020.78	1020.80	1021.22	1021.55	1021.71	1021.78	1021.63	1021.16	
	1020.55	1020.24	1020.22	1020.27	1020.53	1021.04	1021.56	1022.02	1022.21	1022.36	1022.36	1022.28	1021.25
16	1022.21	1021.98	1021.60	1021.22	1021.06	1020.78	1020.96	1021.33	1021.29	1020.83	1020.30	1019.19	
	1017.98	1017.36	1016.82	1016.24	1015.70	1015.63	1015.64	1015.84	1016.35	1016.12	1015.14	1014.70	1018.59
17	1014.45	1013.41	1012.03	1011.90	1011.52	1010.69	1010.49	1010.44	1009.93	1009.19	1008.48	1007.49	
	1006.46	1005.36	1005.17	1005.07	1005.20	1005.31	1006.08	1006.87	1007.11	1007.60	1007.74	1008.26	1008.59
18	1008.60	1008.65	1008.93	1009.52	1010.03	1010.53	1011.35	1012.29	1012.95	1013.42	1013.69	1013.49	
	1013.16	1012.85	1013.07	1013.57	1014.14	1014.85	1015.53	1015.91	1016.39	1016.77	1017.14	1017.48	1013.10
19	1017.87	1018.02	1018.10	1018.28	1018.42	1018.96	1019.80	1020.67	1021.26	1021.74	1021.95	1021.82	
	1021.55	1021.40	1021.46	1021.81	1022.31	1022.85	1023.15	1023.46	1023.48	1023.54	1023.26	1023.25	1021.18
20	1022.97	1022.49	1022.15	1022.07	1021.75	1021.68	1021.80	1021.38	1020.97	1020.67	1020.47	1019.77	
	1018.75	1018.00	1017.59	1017.37	1016.99	1016.89	1016.54	1016.24	1015.82	1015.24	1014.73	1014.38	1019.03
21	1013.81	1013.19	1012.99	1012.89	1012.38	1012.06	1012.38	1012.89	1012.93	1012.87	1012.73	1012.12	
	1011.78	1011.04	1010.60	1010.31	1010.12	1010.36	1010.02	1010.11	1009.21	1008.56	1008.06	1007.59	1011.29
22	1007.13	1006.18	1005.29	1004.47	1003.74	1002.80	1002.52	1002.05	1001.55	1001.10	1000.28	998.82	
	997.42	996.44	995.92	995.71	996.22	997.04	997.59	999.15	999.93	1000.34	1000.49	1001.41	1000.57
23	1002.09	1002.65	1002.82	1003.11	1003.50	1003.83	1004.18	1004.96	1005.63	1005.83	1005.91	1006.03	
	1005.95	1005.84	1006.11	1006.13	1006.64	1007.82	1008.24	1008.79	1009.57	1010.11	1010.32	1010.76	1006.12
24	1011.44	1011.63	1011.72	1012.31	1012.83	1013.43	1013.91	1014.29	1014.42	1014.45	1014.26	1013.93	
	1013.22	1012.91	1012.98	1013.03	1012.77	1012.72	1012.67	1012.53	1012.65	1012.53	1012.15	1011.85	1012.94
25	1011.41	1011.02	1010.53	1010.31	1010.39	1010.45	1010.78	1010.87	1011.23	1011.55	1011.78	1011.65	
	1011.47	1012.11	1012.67	1013.02	1013.39	1014.05	1014.66	1015.20	1015.48	1015.88	1016.38	1016.90	1012.63
26	1017.07	1017.14	1017.32	1017.51	1017.76	1018.00	1018.58	1019.06	1019.37	1019.64	1019.58	1019.21	
	1018.76	1018.35	1018.25	1018.30	1018.64	1019.23	1019.40	1019.47	1019.52	1019.46	1019.53	1019.55	1018.70
27	1019.58	1019.52	1019.36	1019.33	1019.64	1019.95	1020.46	1020.74	1020.65			1019.81	
	1019.56	1019.22	1019.11	1019.11	1019.39	1019.78	1019.97	1020.43	1020.96	1021.00	1021.06	1021.18	1020.04
28	1021.53	1021.35	1021.11	1020.97	1021.05	1021.24	1021.60	1021.76	1021.82	1021.81	1021.64	1021.10	
	1020.64	1020.48	1020.45	1020.43	1020.53	1020.95	1021.31	1021.59	1021.96	1022.04	1022.42	1022.34	1021.34
MONTHLY AVG	1013.13 1012.06	1012.90 1011.71	1012.56 1011.65	1012.42 1011.68	1012.39 1011.85	1012.43 1012.30	1012.73 1012.63	1013.03 1012.95	1013.19 1013.21	1013.25 1013.31	1013.14 1013.29	1012.61 1013.34	1012.66

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

Pressure in hectoPascal - March 1999

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	1022.44	1022.26	1021.96	1021.83	1021.63	1021.56	1022.37	1022.98	1023.38	1023.38	1023.03	1022.27	
	1021.50	1020.85	1020.09	1020.15	1020.71	1021.21	1021.41	1021.52	1021.52	1021.58	1020.94	1020.71	1021.72
2	1020.46	1020.25	1019.64	1019.46	1019.66	1019.86	1019.85	1019.50	1019.54	1019.36	1019.29	1018.73	
	1017.94	1017.37	1017.05	1017.03	1017.10	1017.28	1017.23	1017.28	1017.59	1017.67	1017.51	1017.22	1018.49
3	1016.77	1016.29	1016.07	1016.14	1016.23	1016.07	1016.00	1015.88	1015.86	1015.57	1015.37	1014.96	
	1014.31	1013.55	1013.06	1012.53	1011.93	1012.14	1011.82	1011.69	1011.37	1010.82	1010.36	1009.61	1013.93
4	1008.89	1007.77	1006.81	1006.39	1006.05	1005.52	1005.02	1005.04	1004.55	1004.27	1003.71	1002.88	
	1002.12	1001.20	1000.42	999.87	999.72	999.42	998.80	997.95	999.10	998.95	998.89	998.73	1002.59
5	998.65	998.17	997.80	997.62	997.30	997.95	998.66	999.45	999.81	1000.49	1000.91	1000.82	
	1000.65	1000.42	1000.32	1000.12	1000.15	1000.18	1000.14	1000.34	1000.90	1001.33	1001.38	1001.81	999.81
6	1002.52	1003.07	1003.12	1003.29	1003.96	1004.62	1004.97	1005.29	1005.26	1005.40	1005.72	1005.69	
	1005.50	1005.38	1005.54	1005.75	1006.10	1005.83	1005.71	1005.74	1005.99	1006.13	1006.18	1006.13	1005.12
7	1006.30	1006.29	1006.36	1006.54	1006.75	1006.87	1007.01	1007.05	1007.85	1008.30	1008.12	1008.04	
	1007.95	1008.04	1008.32	1008.54	1009.07	1009.52	1009.88	1010.24	1010.50	1011.23	1011.95	1011.93	1008.44
8	1012.00	1011.96	1012.30	1012.74	1013.02	1013.67	1014.41	1015.08	1015.46	1015.91	1016.29	1016.30	
	1015.98	1015.92	1015.86	1015.88	1016.05	1016.47	1016.94	1017.42	1017.65	1017.78	1017.91	1017.97	1015.46
9	1018.00	1017.65	1017.32	1017.15	1017.22	1017.41	1017.57	1017.57	1017.79	1017.94	1018.08	1017.99	
	1017.80	1017.69	1017.39	1017.22	1017.26	1017.70	1017.97	1018.17	1018.37	1018.51	1018.43	1018.30	1017.77
10	1018.46	1018.45	1018.39	1018.40	1018.33	1018.19	1018.38	1018.60	1018.69	1018.64	1018.45	1018.22	
	1017.89	1017.77	1017.59	1017.44	1017.49	1017.63	1017.78	1017.82	1017.92	1018.01	1018.13	1017.96	1018.11
11	1017.73	1017.33	1017.18	1017.11	1017.04	1017.26	1017.49	1017.68	1017.65	1017.48	1017.16	1016.69	
	1016.20	1015.97	1015.82	1015.70	1015.66	1015.72	1015.94	1016.06	1016.01	1015.98	1015.87	1015.85	1016.61
12	1015.97	1016.00	1016.06	1016.14	1015.90	1015.95	1016.16	1016.38	1016.62	1016.69	1016.58	1016.39	
	1015.95	1015.72	1015.74	1015.86	1015.99	1016.31	1016.53	1016.58	1016.62	1016.72	1016.71	1016.86	1016.27
13	1017.07	1016.93	1016.79	1016.87	1016.88	1016.93	1017.47	1017.99	1018.05	1017.97	1017.80	1017.49	
	1017.13	1016.87	1016.76	1016.95	1017.26	1017.57	1017.97	1018.28	1018.66	1018.86	1018.82	1018.61	1017.58
14	1018.63	1018.38	1018.29	1018.31	1018.55	1018.89	1019.44	1019.81	1020.22	1020.14	1020.05	1019.83	
	1019.20	1018.90	1018.86	1018.96	1019.28	1019.45	1019.65	1019.80	1019.95	1020.07	1020.09	1020.22	1019.37
15	1020.48	1020.22	1020.06	1020.11	1020.16	1020.36	1020.58	1020.86	1021.03	1021.08	1020.79	1020.49	
	1019.82	1019.44	1019.23	1018.89	1018.77	1018.63	1018.59	1018.59	1018.69	1018.57	1018.67	1018.42	1019.69
16	1018.61	1018.18	1017.85	1017.35	1017.00	1016.78	1016.66	1016.61	1016.41	1015.95	1015.59	1014.95	
	1014.29	1013.55	1013.01	1012.85	1013.20	1013.20	1013.71	1013.82	1013.65	1014.05	1013.99	1013.68	1015.20
17	1013.51	1013.19	1012.71	1012.53	1012.40	1012.40	1012.50	1012.07	1011.93	1011.77	1011.42	1010.78	
	1010.10	1010.20	1010.08	1010.27	1010.06	1010.43	1010.72	1011.06	1011.27	1011.41	1011.16	1010.69	1011.44
18	1009.94	1009.11	1008.41	1007.92	1007.64	1007.38	1007.06	1006.91	1006.61	1006.33	1006.06	1005.77	
	1005.12	1004.71	1004.52	1004.61	1004.91	1005.15	1005.34	1005.62	1005.67	1005.65	1005.53	1005.29	1006.30
19	1004.98	1004.51	1004.05	1003.91	1003.96	1004.37	1004.72	1005.05	1005.15	1005.26	1005.18	1005.26	
	1005.06	1005.05	1005.21	1005.69	1006.18	1006.56	1006.97	1007.37	1007.67	1008.01	1008.01	1008.08	1005.68
20	1008.30	1008.47	1008.57	1008.77	1008.87	1009.20	1009.73	1010.13	1010.39	1010.68	1010.71	1010.69	
	1010.42	1010.46	1010.78	1011.10	1011.70	1012.46	1013.29	1013.98	1014.53	1015.05	1015.60	1016.01	1011.24
21	1016.10	1016.03	1016.05	1016.33	1016.54	1016.94	1017.19	1017.50	1017.51	1017.33	1017.03	1016.48	
	1015.73	1015.39	1015.15	1014.97	1014.85	1014.82	1014.71	1014.85	1014.92	1014.83	1014.63	1014.16	1015.83
22	1013.69	1012.91	1011.97	1011.27	1010.91	1010.58	1010.38	1010.00	1010.01	1009.61	1008.86	1008.63	
	1007.81	1007.64	1007.32	1006.62	1006.43	1006.10	1005.75	1005.68	1005.81	1005.85	1006.22	1005.73	1008.57
23	1005.73	1005.56	1005.46	1005.42	1005.64	1005.98	1006.40	1006.80	1007.38	1007.45	1007.62	1007.70	
	1007.80	1007.77	1007.92	1008.25	1009.03	1010.07	1010.66	1011.47	1012.25	1012.60	1013.02	1013.51	1008.39
24	1014.12	1014.19	1014.25	1014.58	1014.99	1015.73	1016.43	1016.82	1017.24	1017.33	1017.40	1017.10	
	1016.52	1016.04	1015.90	1015.88	1016.07	1016.48	1016.93	1017.36	1017.85	1017.89	1017.74	1017.38	1016.34
25	1016.87	1016.35	1015.68	1015.47	1015.38	1015.65	1015.86	1015.73	1015.79	1015.63	1015.63	1015.71	
	1015.42	1014.49	1014.08	1013.55	1013.53	1013.70	1013.76	1013.78	1013.70	1013.31	1012.93	1012.59	1014.77
26	1012.17	1011.21	1010.66	1010.76	1010.82	1010.99	1011.21	1011.07	1010.92	1010.78	1010.41	1010.13	
	1009.86	1009.56	1009.00	1008.62	1008.64	1008.37	1008.29	1008.45	1007.28	1006.63	1006.12	1005.26	1009.47
27	1004.99	1004.47	1003.48	1003.23	1003.56	1003.72	1004.14	1004.31	1004.53	1004.62	1004.55	1004.49	
	1004.15	1003.64	1003.37	1003.12	1003.17	1003.73	1003.94	1004.30	1004.41	1004.36	1004.06	1003.68	1004.00
28	1003.02	1002.24	1001.40	1000.63	1001.15	1001.68	1001.48	1001.44	1001.54	1001.89	1002.36	1002.54	
	1002.35	1002.54	1002.62	1002.86	1003.29	1003.77	1004.66	1005.45	1005.86	1006.25	1006.50	1006.53	1003.09
29	1006.45	1006.24	1006.20	1006.49	1006.95	1007.60	1008.14	1008.63	1008.89	1009.25	1009.43	1009.31	
	1009.23	1009.28	1009.61	1009.69	1009.95	1010.43	1010.98	1011.53	1011.89	1012.19	1012.43	1012.43	1009.30
30	1012.41	1012.38	1012.29	1012.12	1012.17	1012.48	1012.63	1012.70	1012.71	1012.51	1012.14	1011.80	
	1011.26	1010.94	1010.54	1010.50	1010.84	1011.21	1011.82	1012.36	1012.96	1013.11	1013.22	1013.41	1012.10
31	1013.51	1013.38	1013.34	1013.21	1013.40	1013.70	1014.09	1014.23	1014.28	1014.42	1013.96	1013.36	
	1012.73	1012.48	1012.32	1012.49	1012.79	1012.84	1013.35	1013.68	1013.92	1014.11	1014.33	1014.16	1013.50
MONTHLY	1012.54	1012.24	1011.95	1011.87	1011.94	1012.14	1012.39	1012.55	1012.68	1012.69	1012.57	1012.31	
AVG	1011.86	1011.57	1011.40	1011.35	1011.52	1011.75	1011.98	1012.20	1012.40	1012.50	1012.49	1012.35	1012.14

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Pressure in hectoPascal - April 1999

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	1014.13	1014.09	1013.92	1013.86	1013.92	1014.16	1014.29	1014.34	1014.36	1014.26	1013.83	1013.36	
	1012.86	1012.94	1012.88	1012.77	1012.70	1012.81	1013.13	1013.66	1013.96	1013.97	1014.04	1014.18	1013.68
2	1014.10	1013.99	1013.91	1013.84	1013.99	1014.27	1014.48	1014.75	1015.04	1014.98	1014.71	1014.19	
	1013.74	1013.28	1012.77	1012.54	1012.52	1012.86	1013.34	1013.76	1013.94	1013.94	1014.06	1014.04	1013.88
3	1013.98	1013.79	1013.62	1013.53	1013.45	1013.70	1013.97	1014.07	1014.19	1013.98	1013.47	1013.05	
	1012.48	1012.41	1012.73	1013.38	1014.07	1014.55	1015.13	1015.92	1016.38	1017.03	1017.35	1017.74	1014.33
4	1017.99	1017.98	1018.18	1018.44	1018.56	1018.98	1019.58	1020.23	1020.23	1020.01	1019.62	1019.20	
	1018.74	1018.35	1018.17	1017.98	1018.05	1018.39	1019.04	1019.93	1020.56	1020.87	1021.38	1021.78	1019.26
5	1021.62	1021.78	1021.72	1021.81	1022.35	1023.04	1023.56	1023.62	1023.96	1024.03	1023.64	1023.40	
	1023.35	1022.96	1022.74	1022.70	1022.94	1023.60	1024.27	1025.09	1025.57	1024.87	1025.01	1024.93	1023.44
6	1024.59	1024.47	1024.60	1024.70	1025.11	1025.76	1026.26	1026.28	1026.61	1026.70	1026.17	1025.74	
	1025.54	1024.98	1024.71	1024.41	1024.44	1024.32	1024.49	1024.71	1024.48	1024.36	1024.17	1023.95	1025.06
7	1023.43	1023.07	1022.76	1022.31	1021.82	1021.79	1021.57	1021.14	1021.05	1020.41	1019.30	1018.47	
	1017.67	1016.61	1015.71	1014.89	1014.51	1014.14	1013.88	1013.67	1013.05	1011.89	1011.17	1009.95	1017.68
8	1009.04	1008.64	1008.24	1007.11	1006.88	1006.84	1006.79	1006.71	1007.10	1007.25	1007.19	1007.24	
	1007.35	1007.44	1007.57	1007.58	1008.03	1008.37	1008.94	1009.47	1009.65	1009.91	1010.17	1010.40	1008.08
9	1010.33	1010.33	1010.44	1010.68	1010.98	1011.29	1011.70	1012.04	1012.21	1012.60	1012.39	1012.06	
	1011.96	1011.81	1011.90	1011.94	1012.03	1012.50	1012.71	1012.92	1012.93	1012.81	1012.76	1012.61	1011.91
10	1012.24	1011.97	1011.79	1011.61	1011.60	1011.90	1012.30	1012.57	1013.02	1013.20	1013.28	1013.04	
	1012.81	1012.29	1012.12	1012.26	1012.71	1012.99	1013.62	1013.99	1014.33	1014.50	1014.54	1014.51	1012.88
11	1014.25	1014.17	1013.97	1013.86	1013.87	1014.14	1014.38	1014.44	1014.68	1014.74	1014.43	1013.89	
	1013.61	1013.04	1012.72	1012.71	1012.79	1012.85	1013.31	1013.76	1013.63	1013.40	1013.04	1012.63	1013.68
12	1011.96	1011.55	1011.06	1010.84	1010.88	1011.21	1011.30	1011.08	1011.06	1010.90	1010.40	1009.59	
	1008.89	1008.36	1007.59	1007.41	1007.24	1007.05	1007.28	1007.77	1007.72	1007.10	1006.45	1005.86	1009.19
13	1004.76	1004.04	1003.27	1002.21	1001.86	1001.84	1001.43	1000.81	1000.47	1000.10	999.92	999.31	
	998.73	998.59	998.98	999.63	1000.16	1001.12	1002.34	1003.08	1003.95	1004.29	1005.11	1005.38	1001.72
14	1005.40	1005.41	1005.46	1005.38	1005.45	1005.88	1006.35	1006.76	1007.32	1007.76	1008.04	1008.07	
	1008.31	1008.48	1008.40	1008.50	1008.63	1008.79	1009.29	1009.87	1010.16	1010.16	1010.14	1010.10	1007.84
15	1009.63	1009.21	1009.18	1009.16	1008.68	1008.35	1008.68	1008.57	1008.71	1008.78	1008.44	1007.72	
	1007.30	1007.00	1006.81	1007.38	1006.60	1006.14	1006.07	1005.95	1006.07	1006.53	1006.62	1005.72	1007.64
16	1006.55	1007.50	1006.25	1005.46	1005.34	1004.75	1004.38	1004.13	1004.35	1004.35	1003.69	1003.58	
	1003.63	1003.41	1003.11	1003.26	1003.54	1003.84	1004.24	1004.60	1004.40	1003.77	1003.73	1003.29	1004.38
17	1003.43	1003.83	1004.40	1005.27	1005.60	1006.29	1006.84	1007.20	1007.44	1007.49	1007.67	1007.80	
	1007.17	1005.83	1005.08	1004.88	1004.70	1004.50	1004.48	1004.83	1005.76	1006.29	1006.25	1006.10	1005.80
18	1005.91	1005.83	1005.79	1006.27	1006.85	1007.14	1007.92	1008.76	1009.67	1010.01	1010.08	1010.00	
	1010.48	1011.25	1011.57	1011.77	1012.90	1013.77	1014.66	1015.58	1016.07	1016.40	1016.71	1016.89	1010.93
19	1016.97	1016.87	1016.79	1016.82	1016.99	1017.49	1017.67	1017.60	1017.41	1017.37	1017.00	1016.79	
	1016.66	1016.36	1016.16	1016.02	1015.96	1015.99	1016.29	1016.43	1016.42	1016.53	1016.73	1016.73	1016.75
20	1016.45	1016.30	1016.40	1016.58	1016.85	1017.26	1017.69	1018.03	1018.13	1018.25	1018.30	1018.20	
	1018.37	1018.16	1018.05	1018.05	1018.16	1017.98	1017.82	1018.06	1018.12	1018.17	1018.20	1017.78	1017.72
21	1017.02	1016.73	1016.87	1016.65	1016.51	1016.46	1016.86	1017.11	1017.16	1017.13	1017.09	1016.86	
	1016.70	1016.09	1015.65	1015.63	1015.64	1015.73	1015.36	1016.07	1015.73	1015.75	1015.67	1014.49	1016.29
22	1014.67	1014.04	1013.52	1013.85	1014.07	1014.44	1014.44	1014.45	1014.79	1014.94	1014.76	1014.77	
	1014.75	1014.50	1014.41	1014.52	1014.48	1014.75	1015.47	1016.21	1015.78	1015.46	1015.11	1014.66	1014.70
23	1013.99	1014.02	1013.97	1013.98	1013.99	1014.26	1014.48	1014.41	1014.54	1014.38	1014.06	1013.84	
	1013.93	1013.73	1013.18	1012.97	1013.06	1013.23	1013.24	1013.20	1012.92	1012.91	1012.93	1012.52	1013.66
24	1012.06	1011.80	1011.12	1010.61	1010.58	1010.55	1010.58	1010.42	1010.28	1009.86	1009.44	1009.08	
	1009.14	1008.91	1008.78	1008.80	1008.85	1009.02	1008.96	1009.18	1009.42	1009.48	1009.53	1009.54	1009.83
25	1009.49	1009.57	1009.49	1009.43	1009.76	1010.27	1010.58	1010.74	1010.80	1010.85	1010.73	1010.46	
	1010.31	1010.04	1009.98	1010.29	1010.39	1010.72	1011.21	1011.70	1012.11	1012.37	1012.44	1012.37	1010.67
26	1012.14	1012.18	1012.34	1012.36	1012.72	1013.04	1013.30	1013.60	1013.95	1013.94	1013.78	1013.67	
	1013.95	1013.88	1013.58	1013.66	1013.69	1013.98	1014.55	1014.88	1015.18	1015.28	1015.11	1014.49	1013.72
27	1014.02	1013.92	1014.18	1012.92	1014.56	1015.49	1015.39	1015.18	1015.68	1015.33	1014.94	1014.02	
	1014.77	1015.38	1015.23	1014.80	1014.66	1014.40	1014.49	1015.41	1015.85	1016.06	1016.21	1016.08	1014.96
28	1015.69	1015.64	1015.40	1015.09	1015.06	1015.82	1016.09	1016.00	1016.37	1016.64	1016.16	1015.68	
	1015.38	1014.97	1014.24	1013.57	1012.74	1012.17	1012.49	1012.88	1013.32	1013.03	1012.41	1011.98	1014.53
29	1011.75	1011.78	1011.83	1011.86	1011.92	1012.09	1012.17	1012.68	1012.94	1013.20	1013.13	1013.16	
	1012.83	1012.33	1012.08	1011.97	1011.88	1012.02	1012.37	1012.75	1012.78	1013.03	1013.22	1013.46	1012.47
30	1013.42	1013.53	1013.45	1013.61	1013.56	1013.99	1014.51	1015.00	1015.43	1015.64	1015.63	1015.41	
	1015.02	1014.47	1014.30	1014.29	1014.10	1014.29	1014.66	1015.31	1015.73	1015.77	1015.82	1015.99	1014.71
MONTHLY AVG	1013.03	1012.93	1012.80	1012.67	1012.79	1013.08	1013.32	1013.42	1013.63	1013.64	1013.38	1013.05	
	1012.88	1012.60	1012.37	1012.35	1012.40	1012.56	1012.91	1013.35	1013.53	1013.53	1013.54	1013.34	1013.05

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Pressure in hectoPascal - May 1999

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	1015.84	1015.55	1015.35	1015.29	1015.45	1015.59	1015.65	1015.96	1016.49	1016.52	1016.17	1015.64	
	1015.06	1014.48	1014.06	1013.87	1013.48	1013.95	1014.36	1014.84	1015.29	1015.14	1015.01	1014.82	1015.16
2	1014.65	1014.15	1014.22	1014.56	1014.89	1015.22	1015.39	1015.81	1016.24	1016.20	1015.85	1015.67	
	1015.40	1015.06	1014.60	1013.77	1013.64	1014.09	1014.73	1015.72	1015.42	1014.99	1015.12	1014.27	1014.99
3	1014.06	1014.09	1013.92	1014.23	1014.55	1014.86	1014.89	1014.98	1014.30	1013.78	1013.47	1013.06	
	1013.14	1012.57	1011.64	1010.98	1010.50	1010.40	1009.93	1010.64	1009.90	1009.03	1008.34	1007.40	1012.28
4	1005.92	1004.25	1002.94	1004.05	1004.43	1004.95	1005.84	1006.37	1006.61	1006.45	1006.60	1006.71	
	1007.10	1006.92	1006.76	1006.96	1006.99	1007.34	1007.73	1007.77	1007.42	1007.48	1007.50	1007.21	1006.35
5	1006.98	1006.86	1006.36	1006.23	1006.11	1006.47	1007.05	1007.42	1007.68	1007.62	1007.79	1008.10	
	1008.19	1008.09	1008.50	1008.95	1009.31	1010.16	1010.60	1011.38	1011.93	1012.36	1012.87	1013.14	1008.76
6	1013.25	1013.46	1013.45	1013.68	1014.16	1014.48	1014.93	1015.09	1015.17	1015.18	1015.26	1015.26	
	1015.38	1015.15	1014.88	1014.99	1014.99	1014.97	1015.26	1015.70	1016.01	1016.15	1016.19	1016.11	1014.96
7	1016.06	1016.10	1015.99	1016.02	1016.22	1016.45	1016.63	1016.80	1016.78	1016.56	1016.32	1016.18	
	1016.11	1015.74	1015.38	1015.29	1015.32	1015.34	1015.53	1015.87	1016.27	1016.23	1016.53	1016.39	1016.09
8	1016.40	1016.19	1015.91	1015.75	1015.93	1016.21	1016.53	1016.91	1017.08	1017.01	1016.81	1016.55	
	1016.54	1016.65	1016.38	1016.40	1016.21	1016.84	1017.12	1017.20	1016.88	1016.75	1016.38	1016.25	1016.54
9	1016.91	1017.03	1016.87	1016.64	1017.11	1017.53	1017.20	1017.29	1016.84	1017.15	1017.95	1017.55	
	1017.12	1016.91	1016.92	1016.69	1016.80	1017.08	1017.44	1018.10	1018.41	1018.68	1018.81	1018.50	1017.40
10	1018.27	1018.24	1018.26	1018.49	1019.00	1019.31	1019.32	1019.51	1019.61	1019.39	1018.95	1018.66	
	1018.64	1018.64	1018.54	1018.42	1018.15	1018.33	1018.80	1019.14	1019.30	1019.27	1019.35	1019.15	1018.86
11	1018.53	1018.15	1018.00	1017.91	1017.99	1018.24	1018.58	1018.70	1018.55	1018.39	1017.98	1017.69	
	1017.52	1017.41	1016.63	1016.44	1016.36	1016.56	1016.56	1016.56	1016.69	1016.57	1016.28	1016.00	1017.43
12	1015.52	1014.95	1014.77	1014.79	1014.67	1014.95	1014.94	1014.95	1015.00	1014.92	1014.68	1014.32	
	1014.16	1013.89	1013.82	1013.87	1013.66	1013.56	1013.76	1014.35	1014.60	1014.54	1014.38	1014.09	1014.46
13	1013.72	1013.59	1013.55	1013.59	1013.87	1014.03	1014.29	1014.49	1014.67	1015.03	1014.67	1014.16	
	1013.69	1013.47	1013.49	1013.59	1013.19	1013.05	1013.19	1013.84	1013.92	1013.51	1013.31	1013.12	1013.79
14	1013.03	1012.94	1012.54	1011.77	1011.27	1011.11	1010.81	1010.05	1009.11	1008.52	1008.30	1007.94	
	1007.72	1007.34	1006.58	1006.32	1006.16	1006.89	1007.53	1007.83	1008.25	1008.29	1008.12	1008.24	1009.03
15	1007.87	1007.53	1007.67	1007.86	1008.23	1008.73	1008.79	1008.61	1008.61	1008.65	1008.00	1007.85	
	1008.03	1008.42	1008.25	1008.07	1007.88	1007.80	1008.00	1008.63	1008.96	1008.80	1008.51	1008.15	1008.24
16	1007.99	1007.60	1007.37	1007.78	1008.14	1008.36	1008.82	1009.07	1008.90	1008.94	1009.00	1009.43	
	1009.93	1009.58	1009.52	1009.95	1010.13	1010.55	1010.82	1011.71	1012.37	1012.46	1012.22	1012.07	1009.70
17	1011.99	1012.97	1012.42	1012.15	1012.50	1013.38	1013.52	1013.81	1014.50	1014.05	1013.04	1012.33	
	1012.07	1011.06	1011.09	1011.17	1010.82	1011.06	1011.69	1011.89	1011.51	1011.85	1010.80	1010.75	1012.18
18	1011.26	1011.23	1011.05	1011.16	1010.67	1010.58	1010.38	1010.44	1010.62	1010.50	1010.36	1010.22	
	1010.29	1010.17	1009.80	1009.54	1009.51	1009.79	1010.11	1010.74	1011.21	1011.58	1011.69	1012.01	1010.62
19	1012.44	1012.11	1012.04	1012.52	1013.24	1013.53	1013.55	1013.93	1013.91	1013.61	1013.46	1013.39	
	1013.21	1013.25	1013.25	1012.98	1012.65	1012.91	1013.32	1013.91	1013.83	1013.66	1013.68	1012.76	1013.21
20	1012.20	1011.82	1011.68	1011.20	1010.87	1010.69	1010.82	1010.94	1011.05	1010.99	1010.96	1010.57	
	1010.20	1009.93	1009.96	1009.95	1009.87	1010.25	1010.56	1011.11	1011.60	1011.66	1011.54	1011.04	1010.89
21	1010.59	1010.20	1009.54	1009.21	1009.33	1009.46	1009.57	1009.75	1009.81	1009.85	1009.78	1009.46	
	1009.32	1009.26	1009.07	1008.88	1008.71	1008.57	1008.52	1008.84	1009.08	1009.11	1009.15	1008.72	1009.32
22	1008.52	1008.35	1008.38	1008.69	1008.99	1009.54	1009.90	1010.37	1010.62	1010.74	1010.58	1010.06	
	1010.30	1010.36	1010.08	1010.16	1010.53	1010.99	1011.32	1012.03	1012.52	1012.72	1013.07	1013.33	1010.51
23	1013.36	1013.65	1013.82	1014.02	1014.58	1015.12	1015.60	1015.78	1015.92	1015.98	1015.93	1015.97	
	1016.00	1016.05	1016.04	1016.27	1016.39	1016.81	1017.36	1017.94	1018.51	1018.68	1018.74	1018.60	1016.13
24	1018.40	1018.43	1018.39	1018.35	1018.56	1018.89	1019.22	1019.16	1019.05	1018.95	1018.64	1018.48	
	1018.03	1017.60	1017.30	1017.08	1016.73	1016.93	1017.63	1018.16	1018.30	1018.26	1018.08	1017.71	1018.18
25	1017.50	1017.10	1016.81	1016.81	1016.97	1017.25	1017.39	1017.28	1017.05	1016.92	1016.80	1016.40	
	1015.95	1015.75	1015.57	1015.47	1015.47	1015.72	1015.93	1016.25	1016.61	1016.76	1016.70	1016.49	1016.54
26	1016.38	1016.30	1016.09	1016.10	1016.36	1016.63	1016.96	1017.19	1017.12	1017.05	1016.79	1016.51	
	1016.39	1016.23	1016.58	1016.78	1016.88	1017.19	1017.20	1017.53	1018.05	1018.30	1018.47	1018.51	1016.98
27	1018.41	1018.30	1018.30	1018.48	1018.91	1019.35	1019.69	1019.83	1019.80	1019.82	1019.73	1019.68	
	1019.57	1019.38	1019.19	1019.09	1019.31	1019.66	1019.79	1020.43	1020.74	1020.63	1020.57	1020.55	1019.55
28	1020.59	1020.58	1020.76	1021.10	1021.57	1021.77	1022.13	1022.37	1022.31	1022.18	1021.90	1021.45	
	1021.08	1021.06	1020.85	1020.85	1020.91	1021.13	1021.44	1021.72	1021.75	1021.84	1022.06	1021.93	1021.47
29	1021.72	1021.58	1021.41	1021.40	1021.76	1022.00	1022.35	1022.57	1022.37	1022.06	1021.70	1021.19	
	1020.77	1020.52	1020.22	1020.34	1020.38	1020.54	1020.64	1020.77	1020.76	1020.49	1020.41	1020.27	1021.18
30	1019.77	1019.39	1019.22	1019.04	1019.04	1019.16	1019.53	1019.93	1020.15	1020.16	1019.87	1019.51	
	1019.19	1019.12	1018.90	1018.55	1018.33	1018.34	1018.33	1018.69	1019.01	1019.39	1019.07	1019.15	1019.20
31	1019.32	1019.20	1019.15	1019.23	1019.42	1019.63	1019.76	1019.76	1019.94	1019.65	1019.49	1019.56	
	1019.29	1019.08	1018.71	1018.36	1018.46	1018.48	1018.61	1018.99	1019.40	1019.15	1018.92	1018.54	1019.17
MONTHLY	1014.43	1014.25	1014.07	1014.13	1014.35	1014.63	1014.84	1015.00	1015.03	1014.93	1014.74	1014.50	
AVG	1014.37	1014.17	1013.95	1013.87	1013.80	1014.04	1014.32	1014.78	1014.98	1014.98	1014.90	1014.69	1014.49

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Pressure in hectoPascal - June 1999

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	1018.23	1018.25	1018.33	1018.64	1018.66	1018.85	1018.82	1018.70	1018.90	1018.81	1018.36	1018.03	
	1018.18	1018.42	1018.43	1018.18	1017.78	1017.55	1017.71	1017.86	1017.90	1018.04	1018.31	1018.10	1018.29
2	1017.56	1017.35	1017.30	1017.34	1017.55	1017.79	1017.66	1017.76	1017.68	1017.50	1017.21	1016.88	
	1016.60	1016.50	1016.39	1016.47	1016.67	1016.59	1016.35	1015.94	1016.17	1016.07	1016.16	1016.23	1016.90
3	1016.40	1016.60	1016.81	1016.53	1016.07	1015.72	1015.62	1015.55	1015.78	1016.22	1016.37	1016.16	
	1015.86	1015.64	1015.32	1014.72	1014.39	1014.30	1013.80	1013.46	1013.98	1013.76	1013.24	1012.62	1015.20
4	1012.45	1013.19	1013.04	1012.27	1012.09	1011.97	1011.61	1012.04	1011.76	1011.87	1011.71	1011.19	
	1010.75	1010.77	1010.83	1010.63	1010.52	1010.55	1010.42	1010.74	1011.18	1011.59	1011.91	1012.32	1011.56
5	1012.38	1011.89	1011.50	1011.56	1011.48	1011.45	1011.72	1011.81	1011.60	1011.76	1011.78	1011.63	
	1011.41	1011.35	1011.15	1010.83	1010.85	1011.10	1011.18	1011.74	1012.18	1012.30	1012.44	1012.28	1011.64
6	1012.51	1012.28	1011.64	1011.60	1011.94	1012.55	1012.47	1012.03	1011.80	1011.69	1011.81	1012.52	
	1012.65	1011.92	1011.84	1011.55	1011.94	1012.46	1012.84	1013.13	1013.05	1012.72	1013.11	1012.78	1012.28
7	1013.20	1012.94	1013.12	1013.70	1014.19	1014.55	1014.65	1014.49	1014.29	1014.46	1014.47	1014.02	
	1013.80	1013.84	1014.01	1013.83	1013.60	1014.29	1015.01	1014.72	1014.09	1013.72	1014.10	1013.55	1014.03
8	1013.17	1012.77	1012.84	1012.31	1012.60	1013.23	1013.86	1014.54	1014.66	1014.49	1014.25	1014.13	
	1014.10	1014.08	1014.18	1014.34	1014.36	1014.67	1015.29	1015.92	1016.35	1016.36	1016.57	1016.47	1014.40
9	1016.53	1016.51	1016.56	1016.62	1017.08	1017.25	1017.44	1017.58	1017.75	1017.80	1017.59	1017.81	
	1017.95	1018.07	1017.79	1016.98	1016.26	1016.12	1016.25	1017.00	1017.47	1018.13	1018.33	1018.38	1017.30
10	1018.44	1017.97	1017.51	1016.87	1017.89	1019.38	1019.68	1018.57	1017.67	1016.77	1015.91	1015.62	
	1015.90	1015.71	1015.24	1014.53	1014.40	1015.55	1015.81	1015.70	1015.41	1014.81	1014.12	1013.70	1016.38
11	1013.57	1013.30	1012.91	1012.96	1013.08	1012.89	1012.92	1013.03	1013.13	1013.13	1013.09	1013.21	
	1013.49	1013.56	1013.49	1013.43	1013.51	1013.80	1014.19	1014.84	1015.36	1015.27	1015.36	1015.43	1013.71
12	1015.18	1014.91	1015.09	1015.34	1015.54	1015.66	1015.86	1016.00	1015.85	1015.67	1015.57	1015.27	
	1015.12	1015.14	1015.09	1014.93	1014.81	1014.91	1015.08	1015.50	1015.97	1016.09	1016.18	1015.94	1015.45
13	1015.64	1014.98	1014.67	1014.77	1014.90	1014.73	1014.96	1015.16	1015.05	1014.86	1014.55	1014.24	
	1013.93	1013.70	1013.51	1013.42	1013.23	1013.25	1013.39	1013.88	1014.07	1014.05	1013.89	1013.54	1014.27
14	1013.27	1012.96	1013.33	1013.38	1013.55	1013.72	1013.96	1014.00	1013.71	1013.42	1013.48	1013.45	
	1013.43	1013.60	1013.43	1013.23	1013.00	1013.28	1013.70	1014.35	1015.00	1015.14	1014.99	1015.01	1013.77
15	1014.89	1014.67	1014.65	1014.56	1014.87	1015.35	1015.59	1015.85	1015.83	1016.03	1016.17	1016.20	
	1015.97	1015.74	1015.78	1015.50	1015.50	1015.78	1015.86	1016.22	1016.35	1016.32	1016.05	1015.84	1015.65
16	1015.79	1015.50	1015.61	1015.79	1015.36	1015.30	1015.04	1015.11	1014.95	1014.96	1015.16	1015.43	
	1015.56	1014.94	1014.53	1014.55	1013.96	1013.93	1014.03	1014.27	1014.91	1015.12	1015.03	1015.00	1014.99
17	1014.96	1014.74	1014.48	1014.33	1014.39	1014.43	1014.55	1014.56	1014.34	1014.38	1014.00	1013.73	
	1013.28	1013.09	1012.74	1012.39	1012.01	1012.22	1012.79	1013.04	1013.01	1012.97	1012.99	1013.05	1013.60
18	1012.81	1012.72	1012.44	1012.46	1012.64	1012.62	1012.68	1012.66	1012.31	1012.13	1011.83	1011.51	
	1011.22	1011.05	1010.79	1010.49	1010.83	1011.16	1011.70	1012.05	1012.60	1012.68	1012.91	1012.85	1012.05
19	1012.70	1012.42	1012.11	1012.13	1012.27	1012.21	1012.30	1012.17	1012.14	1012.27	1012.28	1011.87	
	1011.41	1011.17	1010.91	1010.69	1010.80	1010.93	1011.13	1011.76	1012.06	1011.94	1011.92	1011.97	1011.82
20	1011.86	1011.57	1011.36	1011.26	1010.97	1010.91	1010.40	1010.21	1009.93	1009.58	1009.75	1009.22	
	1009.32	1009.03	1008.69	1008.59	1008.58	1009.27	1009.05	1008.82	1009.26	1008.85	1008.75	1008.72	1009.75
21	1008.05	1008.00	1007.98	1007.85	1008.15	1008.21	1008.00	1007.72	1007.73	1007.53	1006.95	1006.91	
	1006.65	1005.85	1005.66	1005.47	1004.96	1004.43	1003.75	1003.20	1002.74	1002.27	1001.91	1003.27	1005.97
22	1003.34	1002.83	1003.27	1004.04	1004.92	1005.51	1006.20	1006.72	1007.28	1007.85	1008.13	1008.35	
	1008.79	1009.17	1009.25	1009.42	1009.75	1010.34	1011.15	1012.08	1013.03	1013.71	1014.12	1014.18	1008.48
23	1014.38	1014.70	1014.96	1015.38	1015.78	1016.34	1016.68	1016.83	1016.81	1016.93	1016.95	1016.84	
	1016.65	1016.61	1016.51	1016.35	1016.47	1016.75	1016.96	1017.27	1017.66	1017.69	1017.58	1017.52	1016.53
24	1017.69	1017.53	1017.59	1017.77	1017.69	1017.47	1017.44	1017.10	1016.67	1016.38	1015.98	1015.66	
	1015.83	1015.71	1015.71	1015.55	1015.51	1015.45	1015.45	1015.79	1016.34	1016.51	1016.55	1016.50	1016.49
25	1016.56	1016.61	1016.62	1016.80	1016.89	1017.08	1017.30	1017.22	1017.32	1016.97	1016.42	1015.94	
	1015.66	1015.49	1015.27	1014.88	1014.57	1014.66	1014.67	1014.92	1015.44	1015.54	1015.28	1014.83	1015.96
26	1014.63	1014.29	1014.20	1014.03	1014.04	1014.28	1014.41	1014.31	1014.23	1014.31	1014.10	1013.91	
	1013.56	1013.26	1013.00	1012.70	1012.66	1012.82	1013.11	1013.85	1014.16	1014.14	1013.88	1013.48	1013.81
27	1013.05	1012.81	1012.60	1012.71	1012.93	1013.34	1013.59	1013.36	1013.09	1012.75	1012.41	1012.16	
	1012.11	1012.30	1012.14	1011.71	1011.38	1011.39	1011.48	1011.54	1011.90	1012.23	1012.38	1012.14	1012.40
28	1011.63	1011.07	1010.54	1010.72	1011.22	1011.54	1012.07	1012.52	1012.47	1012.74	1013.49	1013.58	
	1013.55	1013.41	1013.41	1013.52	1013.75	1014.36	1014.99	1015.48	1016.06	1016.27	1016.53	1016.87	1013.41
29	1016.77	1016.62	1016.86	1017.08	1017.50	1017.69	1017.86	1018.22	1018.35	1017.92	1018.00	1017.58	
	1017.07	1017.03	1016.93	1016.18	1014.88	1014.63	1015.27	1015.97	1016.52	1016.35	1016.36	1016.12	1016.82
30	1015.85	1015.44	1015.09	1015.07	1015.20	1015.30	1015.36	1015.26	1015.06	1014.71	1014.38	1014.07	
	1013.94	1013.72	1013.41	1012.96	1012.74	1012.92	1013.25	1013.45	1013.80	1013.59	1013.48	1013.43	1014.23
MONTHLY AVG	1014.12	1013.91	1013.83	1013.86	1014.05	1014.24	1014.36	1014.37	1014.27	1014.20	1014.07	1013.90	
	1013.79	1013.66	1013.51	1013.27	1013.12	1013.31	1013.52	1013.82	1014.13	1014.14	1014.15	1014.07	1013.90

S.V.I.R.CO. Observatory - Rome (41.86° N - 12.47° E, s.l.)
 Pressure in hectoPascal - July 1999

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	1013.21	1013.03	1013.09	1013.25	1013.45	1013.57	1013.74	1013.88	1013.80	1013.72	1013.45	1013.40	
	1013.26	1013.12	1013.11	1012.80	1012.52	1012.80	1013.08	1013.27	1013.57	1013.71	1013.69	1013.82	1013.35
2	1013.61	1013.67	1013.70	1013.80	1013.95	1014.00	1014.23	1014.29	1014.05	1013.88	1013.55	1013.30	
	1013.15	1013.03	1012.89	1012.59	1012.38	1012.40	1012.53	1013.09	1013.60	1013.77	1014.06	1014.26	1013.49
3	1013.97	1013.43	1013.39	1013.47	1013.77	1013.93	1013.96	1013.80	1013.63	1013.35	1013.11	1012.89	
	1012.73	1012.52	1012.47	1012.68	1012.65	1012.53	1012.64	1013.00	1013.39	1013.46	1013.54	1013.48	1013.24
4	1013.18	1012.80	1012.58	1012.63	1012.70	1012.83	1013.03	1013.04	1012.86	1012.72	1012.38	1011.97	
	1011.59	1011.39	1011.49	1011.54	1011.51	1011.80	1012.09	1012.41	1012.82	1012.82	1012.65	1012.55	1012.39
5	1012.31	1012.19	1012.08	1012.17	1012.48	1012.85	1013.00	1013.09	1013.08	1013.06	1012.85	1012.58	
	1012.43	1012.38	1012.30	1012.35	1012.44	1012.56	1012.57	1012.65	1012.85	1012.78	1012.90	1012.59	1012.61
6	1012.30	1012.34	1012.31	1012.42	1012.48	1012.56	1012.63	1012.71	1012.76	1012.85	1012.75	1012.40	
	1011.91	1011.83	1011.92	1011.86	1011.52	1011.46	1011.79	1012.34	1012.84	1013.17	1013.15	1013.13	1012.39
7	1013.14	1012.87	1012.69	1012.79	1013.02	1013.10	1012.95	1012.98	1012.86	1012.86	1012.79	1012.51	
	1012.30	1012.43	1012.44	1012.38	1012.47	1012.56	1012.73	1013.08	1013.41	1013.37	1013.13	1012.91	1012.82
8	1012.89	1012.74	1012.45	1012.33	1012.27	1012.45	1012.78	1012.54	1012.46	1012.35	1012.08	1011.63	
	1011.73	1012.44	1012.48	1011.52	1011.60	1011.00	1010.63	1011.02	1010.97	1010.59	1010.36	1010.02	1011.80
9	1009.48	1009.03	1008.90	1008.96	1008.83	1008.92	1008.86	1008.70	1008.92	1009.12	1008.95	1008.46	
	1008.43	1008.27	1007.98	1008.03	1008.09	1008.27	1008.71	1009.07	1009.11	1009.03	1008.83	1008.75	1008.74
10	1008.63	1008.51	1008.74	1009.00	1009.22	1009.28	1009.43	1009.53	1009.67	1009.54	1009.43	1009.52	
	1009.56	1009.49	1009.64	1009.85	1010.33	1010.92	1011.26	1011.52	1011.93	1012.25	1012.50	1012.60	1010.10
11	1012.71	1012.59	1012.64	1012.82	1012.99	1013.07	1013.22	1013.47	1013.53	1013.71	1013.78	1013.55	
	1013.38	1013.33	1013.18	1013.25	1013.50	1013.74	1014.12	1014.48	1014.85	1014.83	1014.71	1014.44	1013.58
12	1014.33	1014.16	1014.03	1014.12	1014.31	1014.54	1014.79	1014.57	1013.89	1013.74	1013.58	1013.16	
	1012.69	1012.64	1012.79	1012.52	1012.23	1012.17	1011.96	1011.79	1011.86	1012.19	1012.44	1012.48	1013.21
13	1012.17	1011.66	1011.08	1010.77	1010.72	1010.27	1009.92	1010.10	1010.39	1009.85	1009.61	1008.79	
	1009.12	1009.00	1008.68	1008.21	1008.00	1007.79	1007.36	1007.26	1008.32	1008.89	1008.71	1008.25	1009.37
14	1007.72	1007.39	1007.18	1007.18	1007.26	1006.96	1006.90	1007.18	1007.21	1007.13	1007.43	1007.25	
	1007.22	1007.17	1007.00	1006.90	1006.96	1007.10	1007.45	1007.87	1008.11	1008.39	1008.57	1008.47	1007.42
15	1008.29	1008.15	1008.08	1008.30	1008.56	1008.60	1008.70	1008.65	1008.55	1008.56	1008.56	1008.30	
	1008.34	1008.28	1008.18	1007.95	1007.99	1008.28	1008.59	1009.03	1009.10	1009.43	1009.71	1009.71	1008.58
16	1009.66	1009.48	1009.61	1009.70	1010.00	1010.27	1010.49	1010.58	1010.74	1010.94	1010.96	1011.04	
	1011.01	1010.98	1011.50	1011.29	1012.75	1012.80	1012.68	1012.90	1013.23	1013.37	1013.56	1013.73	1011.39
17	1013.82	1013.86	1013.67	1013.76	1013.95	1014.29	1014.60	1014.65	1014.64	1014.48	1014.36	1014.12	
	1013.86	1013.76	1013.87	1014.03	1013.89	1014.40	1014.79	1014.93	1015.39	1015.53	1015.47	1015.35	1014.39
18	1015.01	1014.74	1014.47	1014.40	1014.67	1015.01	1015.50	1015.49	1015.35	1015.15	1014.89	1014.65	
	1014.50	1014.46	1014.38	1014.23	1014.11	1014.17	1014.46	1014.88	1015.25	1015.20	1015.14	1015.11	1014.80
19	1015.00	1015.07	1015.06	1015.00	1015.22	1015.51	1015.77	1015.84	1015.73	1015.60	1015.54	1015.35	
	1015.14	1014.93	1014.93	1014.75	1014.70	1014.83	1014.97	1015.62	1016.07	1016.38	1016.40	1015.90	1015.39
20	1015.55	1015.44	1015.56	1015.83	1016.12	1016.55	1016.72	1017.04	1017.13	1017.08	1016.78	1016.65	
	1016.53	1016.31	1016.06	1015.89	1015.65	1015.88	1016.29	1016.69	1016.81	1016.80	1016.82	1016.82	1016.38
21	1016.49	1016.16	1016.01	1015.97	1016.13	1016.38	1016.67	1016.76	1016.69	1016.43	1016.06	1015.85	
	1015.52	1015.43	1015.18	1014.89	1014.53	1014.57	1014.62	1014.81	1015.07	1015.08	1014.83	1014.48	1015.61
22	1014.12	1013.80	1013.56	1013.51	1013.49	1013.47	1013.55	1013.35	1012.83	1012.64	1012.36	1012.00	
	1011.58	1010.98	1010.51	1010.12	1009.55	1009.06	1008.75	1008.58	1008.43	1008.45	1008.46	1008.12	1011.30
23	1007.64	1007.14	1006.79	1006.47	1006.49	1006.72	1006.52	1006.60	1006.58	1007.09	1006.64	1006.05	
	1006.42	1006.67	1006.06	1006.40	1006.60	1006.67	1006.90	1007.83	1008.35	1008.35	1008.54	1008.46	1007.00
24	1007.72	1007.60	1007.56	1007.38	1007.21	1007.64	1007.96	1008.17	1008.31	1008.17	1007.80	1007.82	
	1007.28	1007.25	1007.48	1007.59	1007.99	1008.14	1008.03	1008.54	1008.76	1008.68	1008.58	1008.27	1007.91
25	1007.83	1007.59	1007.41	1007.47	1007.91	1008.06	1008.29	1008.57	1008.75	1008.83	1008.91	1008.71	
	1008.71	1008.91	1008.78	1008.29	1008.36	1008.32	1008.45	1008.91	1009.42	1009.47	1009.41	1009.27	1008.53
26	1009.28	1009.13	1008.81	1008.65	1008.96	1009.28	1009.21	1009.35	1009.40	1009.43	1009.37	1008.86	
	1008.50	1008.61	1008.67	1008.42	1008.62	1008.94	1009.27	1009.63	1010.19	1010.67	1010.79	1011.11	1009.30
27	1011.18	1011.13	1011.20	1011.24	1011.57	1012.03	1012.15	1011.97	1012.04	1012.04	1011.67	1011.24	
	1011.06	1010.83	1010.81	1010.64	1010.66	1010.82	1011.26	1011.74	1011.69	1011.78	1011.78	1011.85	1011.43
28	1012.10	1012.76	1012.46	1011.58	1010.82	1010.41	1010.26	1011.01	1011.10	1011.18	1011.02	1010.66	
	1010.32	1009.87	1009.50	1009.44	1009.41	1009.51	1009.98	1010.42	1010.69	1010.86	1010.88	1010.52	1010.70
29	1010.16	1009.89	1009.68	1009.60	1009.81	1009.84	1009.81	1009.94	1009.86	1009.73	1009.39	1009.20	
	1009.05	1008.88	1008.60	1008.52	1008.71	1008.66	1008.87	1009.04	1009.25	1009.43	1009.29	1009.27	1009.35
30	1009.02	1008.71	1008.49	1008.25	1008.42	1008.61	1008.80	1008.81	1008.76	1008.51	1008.32	1008.19	
	1008.03	1007.87	1007.77	1007.64	1007.58	1007.81	1007.90	1008.17	1008.52	1008.93	1009.06	1009.18	1008.39
31	1009.06	1008.96	1008.85	1008.89	1009.35	1009.48	1009.70	1009.78	1009.75	1009.59	1009.38	1009.08	
	1008.94	1008.74	1008.75	1008.65	1008.70	1009.00	1009.55	1010.23	1010.61	1010.59	1010.77	1010.86	1009.47
MONTHLY AVG	1011.66	1011.48	1011.36	1011.35	1011.49	1011.63	1011.75	1011.82	1011.78	1011.72	1011.54	1011.26	
	1011.11	1011.03	1010.95	1010.81	1010.84	1010.93	1011.11	1011.45	1011.76	1011.88	1011.89	1011.80	1011.43

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UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1010.95	1011.06	1011.35	1011.37	1011.46	1012.02	1012.29	1012.73	1012.83	1012.56	1012.44	1012.29	
	1012.23	1012.07	1011.84	1012.05	1011.90	1012.07	1012.37	1012.75	1012.90	1013.14	1013.15	1012.99	1012.20
2	1012.87	1012.74	1012.58	1012.45	1012.68	1012.85	1012.95	1012.83	1012.79	1012.61	1012.15	1011.70	
	1011.54	1011.29	1011.13	1011.15	1011.05	1011.30	1011.68	1012.23	1012.44	1012.47	1012.18	1012.02	1012.15
3	1012.27	1012.58	1012.54	1012.31	1012.62	1012.64	1012.67	1012.66	1012.69	1012.45	1012.36	1012.26	
	1012.33	1012.50	1012.55	1012.42	1012.30	1012.37	1012.56	1012.95	1012.94	1013.13	1013.02	1012.83	1012.58
4	1012.86	1013.11	1013.27	1013.45	1013.55	1013.63	1013.57	1013.50	1013.32	1013.00	1012.60	1012.15	
	1012.35	1012.50	1012.63	1012.63	1012.66	1013.05	1012.99	1013.18	1013.11	1012.96	1012.89	1012.61	1012.98
5	1012.57	1012.74	1012.74	1012.83	1013.28	1013.59	1013.66	1013.61	1013.55	1013.36	1013.15	1012.77	
	1012.78	1012.70	1012.69	1012.69	1012.50	1012.52	1012.65	1012.85	1013.05	1013.08	1013.21	1013.52	1013.00
6	1013.63	1013.57	1013.39	1013.27	1013.07	1013.25	1013.39	1013.22	1012.98	1012.73	1012.08	1012.01	
	1012.26	1012.36	1012.01	1011.62	1011.00	1010.59	1010.43	1010.71	1010.84	1010.81	1010.86	1011.15	1012.13
7	1010.54	1010.47	1010.41	1010.02	1009.34	1008.52	1008.02	1007.78	1008.44	1009.04	1009.02	1008.93	
	1008.57	1007.88	1007.29	1006.84	1006.60	1006.38	1006.51	1006.92	1007.16	1007.19	1006.98	1006.59	1008.14
8	1006.34	1006.31	1006.15	1005.64	1005.32	1004.91	1005.36	1005.81	1005.94	1005.87	1005.48	1005.89	
	1006.31	1006.36	1006.30	1006.18	1006.11	1006.37	1006.83	1007.68	1008.22	1008.70	1009.02	1008.90	1006.50
9	1008.67	1008.66	1008.66	1008.92	1009.24	1009.95	1010.24	1010.33	1010.50	1010.50	1010.17	1008.78	
	1009.37	1009.87	1009.38	1009.61	1009.68	1010.10	1010.40	1009.92	1009.81	1009.66	1009.72	1010.22	1009.68
10	1008.76	1008.23	1009.09	1009.93	1010.12	1010.01	1010.95	1011.37	1009.36	1010.14	1009.74	1010.36	
	1010.55	1010.62	1009.78	1008.58	1008.01	1008.23	1008.96	1010.54	1010.89	1010.87	1010.93	1010.64	1009.86
11	1010.21	1010.37	1010.06	1010.18	1010.14	1010.12	1010.45	1010.53	1010.68	1010.59	1010.62	1010.95	
	1010.97	1010.62	1010.53	1010.57	1010.38	1010.50	1010.81	1011.15	1011.10	1011.35	1011.38	1011.20	1010.64
12	1010.96	1010.87	1010.76	1010.41	1010.46	1010.69	1010.73	1010.82	1010.81	1010.67	1010.40	1010.26	
	1010.00	1009.88	1009.39	1009.27	1009.15	1009.32	1009.52	1009.81	1009.87	1009.85	1009.70	1009.34	1010.12
13	1008.83	1008.87	1008.76	1008.50	1008.65	1008.75	1008.88	1008.89	1008.98	1009.13	1009.26	1009.39	
	1009.28	1008.94	1008.95	1008.94	1009.10	1009.38	1009.83	1010.54	1010.87	1011.01	1011.35	1011.30	1009.43
14	1011.00	1010.92	1010.97	1011.10	1011.49	1011.77	1011.82	1011.95	1012.19	1012.09	1011.74	1011.54	
	1011.31	1011.27	1011.29	1011.21	1011.07	1011.10	1011.53	1012.00	1012.28	1012.24	1012.22	1012.15	1011.59
15	1012.14	1012.24	1012.22	1012.20	1012.42	1012.59	1012.82	1012.93	1013.09	1013.20	1013.25	1013.13	
	1013.04	1012.83	1012.86	1012.68	1012.44	1012.49	1012.74	1013.07	1013.16	1013.34	1013.34	1013.26	1012.81
16	1012.99	1012.84	1012.68	1012.72	1012.91	1013.18	1013.30	1012.90	1012.62	1012.46	1012.01	1011.62	
	1011.24	1010.71	1009.97	1009.43	1008.73	1008.38	1008.75	1008.66	1008.81	1009.15	1008.98	1008.45	1010.98
17	1008.19	1007.82	1007.51	1007.29	1007.16	1007.35	1007.53	1007.83	1008.08	1008.06	1007.79	1007.64	
	1007.45	1007.13	1006.81	1006.61	1006.66	1006.74	1007.22	1007.93	1008.25	1008.53	1008.88	1008.72	1007.63
18	1008.36	1008.04	1007.86	1007.92	1008.54	1009.03	1009.41	1009.58	1009.92	1010.20	1010.22	1010.20	
	1010.27	1010.07	1010.21	1009.83	1009.58	1009.96	1010.56	1011.47	1011.76	1012.00	1012.27	1012.47	1009.99
19	1012.71	1013.15	1012.70	1012.82	1012.85	1013.20	1013.63	1013.74	1013.71	1014.04	1014.14	1015.45	
	1015.57	1014.42	1013.40	1013.12	1012.63	1013.18	1013.74	1014.65	1015.24	1014.96	1014.82	1014.83	1013.86
20	1015.36	1016.78	1015.81	1014.35	1012.47	1012.29	1013.74	1013.75	1014.73	1013.92	1012.52	1011.81	
	1011.78	1011.39	1011.06	1010.45	1009.83	1010.40	1010.91	1011.35	1011.15	1011.20	1011.13	1010.95	1012.46
21	1010.95	1011.02	1011.00	1011.03	1011.24	1011.44	1011.48	1011.65	1011.69	1011.68	1011.47	1011.22	
	1011.08	1010.79	1010.74	1010.57	1010.46	1010.52	1010.85	1011.27	1011.25	1011.37	1011.38	1011.11	1011.14
22	1010.67	1010.34	1010.23	1010.32	1010.55	1010.75	1010.84	1010.82	1011.03	1011.02	1010.68	1010.45	
	1010.61	1010.36	1010.10	1010.08	1010.00	1010.16	1010.55	1010.92	1011.08	1011.34	1011.54	1011.63	1010.67
23	1011.69	1011.55	1011.78	1011.92	1012.40	1013.00	1013.33	1013.60	1013.72	1013.55	1013.28	1013.24	
	1013.04	1012.83	1012.66	1012.81	1012.79	1013.04	1013.62	1014.18	1014.46	1014.68	1014.74	1014.84	1013.20
24	1014.87	1014.89	1014.85	1014.91	1015.17	1015.71	1016.12	1016.36	1016.35	1016.22	1016.10	1015.82	
	1015.72	1015.41	1015.25	1015.15	1015.09	1015.43	1015.80	1016.16	1016.43	1016.79	1016.70	1016.22	1015.73
25	1016.12	1015.92	1015.74	1015.91	1016.50	1016.77	1016.99	1016.92	1016.98	1017.05	1016.61	1016.03	
	1015.80	1015.80	1015.67	1015.49	1015.39	1015.41	1015.87	1016.52	1016.98	1017.08	1017.07	1016.94	1016.31
26	1016.59	1016.45	1016.09	1015.82	1016.17	1016.70	1016.90	1017.05	1017.25	1017.12	1016.44	1016.02	
	1015.64	1015.01	1015.07	1015.33	1015.64	1015.69	1016.01	1016.18	1015.72	1015.58	1015.44	1015.30	1016.05
27	1015.26	1015.57	1015.77	1015.63	1015.83	1015.87	1013.34	1015.82	1016.44	1016.69	1014.82	1014.95	
	1014.87	1014.61	1014.16	1014.09	1013.80	1013.99	1014.44	1015.15	1015.32	1015.29	1015.18	1015.11	1015.08
28	1014.88	1014.63	1014.41	1014.41	1014.64	1015.03	1015.20	1015.13	1015.09	1014.89	1014.32	1014.05	
	1013.75	1013.38	1013.11	1012.93	1012.58	1012.37	1012.73	1013.32	1013.42	1013.68	1013.72	1013.54	1013.97
29	1013.16	1013.16	1013.05	1012.74	1012.79	1012.38	1012.43	1012.33	1012.46	1012.36	1011.73	1011.17	
	1010.73	1010.47	1011.03	1011.63	1011.22	1010.03	1009.81	1009.85	1009.88	1009.38	1009.32	1008.94	1011.34
30	1008.59	1008.32	1008.45	1008.15	1008.58	1008.35	1008.55	1008.40	1008.59	1008.98	1008.85	1008.36	
	1007.93	1007.77	1007.54	1007.81	1007.87	1007.88	1008.09	1008.69	1009.00	1009.17	1009.04	1008.86	1008.41
31	1008.69	1008.49	1008.31	1008.11	1008.13	1008.40	1008.72	1008.94	1009.25	1009.30	1009.12	1008.83	
	1008.52	1008.28	1008.14	1008.05	1008.31	1008.72	1009.57	1010.21	1010.60	1011.12	1011.36	1011.63	1009.12
MONTHLY AVG	1011.67 1011.51	1011.67 1011.29	1011.59 1011.08	1011.50 1010.96	1011.60 1010.79	1011.77 1010.89	1011.91 1011.24	1012.06 1011.70	1012.13 1011.87	1012.11 1011.97	1011.76 1011.98	1011.59 1011.88	1011.61

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

Pressure in hectoPascal - September 1999

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	1011.77	1011.77	1011.87	1012.02	1012.46	1012.95	1013.25	1013.45	1013.56	1013.44	1013.41	1012.94	
	1012.52	1012.21	1012.11	1011.85	1011.51	1011.33	1011.56	1011.89	1012.10	1011.99	1011.55	1011.39	1012.29
2	1010.94	1010.47	1010.27	1010.02	1009.78	1009.71	1009.85	1010.39	1010.54	1010.70	1010.42	1010.05	
	1009.72	1009.40	1009.14	1008.98	1009.36	1009.93	1010.31	1010.64	1011.00	1011.19	1011.36	1011.53	1010.24
3	1011.51	1011.41	1011.20	1011.23	1011.53	1012.06	1012.29	1012.74	1013.05	1012.90	1012.75	1012.39	
	1011.87	1011.65	1011.62	1011.76	1011.94		1012.58	1013.11	1013.52	1013.77	1013.93	1013.64	1012.36
4	1013.40	1013.26	1013.10	1013.20	1013.26	1013.78	1013.85	1014.06	1014.32	1014.64	1014.75	1014.55	
	1014.45	1014.11	1013.72	1013.77	1013.20	1012.79	1012.89	1013.04	1013.03	1013.74	1013.69	1013.14	1013.66
5	1013.20	1013.39	1013.25	1013.07	1013.07	1013.39	1014.05	1014.56	1014.77	1015.01	1014.64	1013.88	
	1013.39	1013.31	1013.23	1013.20	1013.28	1013.48	1013.90	1014.26	1014.48	1014.57	1014.71	1014.88	1013.87
6	1015.24	1015.53	1015.32	1015.45	1015.66	1016.01	1016.22	1016.61	1016.75	1016.43	1016.02	1015.62	
	1015.45	1015.32	1015.38	1015.39	1015.31	1015.28	1015.41	1015.30	1015.07	1015.12	1015.23	1014.80	1015.58
7	1014.64	1014.81	1014.30	1014.80	1015.58	1014.58	1013.21	1013.68	1014.59	1014.95	1014.99	1014.81	
	1014.39	1013.41	1012.98	1014.44	1014.40	1013.66	1013.63	1014.18	1014.18	1014.06	1014.14	1014.61	1014.29
8	1014.28	1014.07	1013.61	1013.23	1013.17	1013.29	1013.07	1013.39	1013.79	1013.84	1013.48	1012.96	
	1012.80	1012.58	1012.42	1012.30	1012.43	1013.47	1013.89	1013.87	1014.03	1014.07	1013.93	1014.00	1013.41
9	1014.14	1014.27	1014.15	1014.03	1014.21	1014.75	1015.16	1015.43	1015.75	1015.79	1015.53	1015.25	
	1014.93	1014.41	1014.22	1014.11	1014.15	1014.36	1015.01	1015.60	1016.30	1017.06	1017.24	1017.60	1015.14
10	1017.58	1017.53	1017.40	1017.50	1017.35	1017.57	1017.80	1018.10	1018.10	1017.84	1017.55	1017.23	
	1016.64	1015.92	1015.90	1015.83	1015.83	1016.00	1016.48	1017.05	1017.26	1017.34	1017.29	1017.26	1017.10
11	1017.02	1016.56	1016.19	1016.03	1016.00	1016.29	1016.37	1016.37	1016.34	1016.09	1015.73	1015.21	
	1014.59	1014.45	1014.67	1014.81	1015.01	1014.92	1015.11	1015.22	1015.30	1015.41	1015.40	1015.34	1015.60
12	1015.09	1014.58	1014.22	1014.01	1013.76	1013.94	1013.87	1013.80	1013.74	1013.56	1012.95	1012.60	
	1012.03	1011.52	1011.00	1010.70	1010.61	1010.78	1011.23	1011.67	1011.74	1011.81	1011.89	1011.81	1012.62
13	1011.72	1011.66	1011.45	1011.22	1011.28	1011.40	1011.43	1011.42	1011.49	1011.46	1011.06	1010.76	
	1010.52	1010.19	1009.98	1009.95	1010.12	1010.29	1010.91	1011.42	1011.75	1012.08	1012.19	1012.09	1011.16
14	1012.03	1012.01	1012.31	1012.45	1012.71	1013.19	1013.60	1013.84	1013.76	1013.65	1013.49	1013.17	
	1012.71	1012.78	1012.96	1013.21	1013.46	1013.75	1014.11	1014.39	1014.33	1014.44	1014.74	1014.71	1013.41
15	1014.59	1014.15	1013.72	1013.93	1013.52	1014.22	1014.10	1013.58	1012.97	1012.48	1012.71	1012.57	
	1012.11	1011.34	1011.03	1010.38	1010.16	1010.11	1011.72	1012.31	1011.66	1009.78	1008.25	1008.13	1012.06
16	1008.26	1008.21	1008.08	1007.78	1007.49	1007.23	1007.04	1007.13	1007.18	1007.28	1007.32	1007.32	
	1006.67	1006.08	1005.95	1005.98	1006.22	1006.52	1006.95	1007.18	1007.02	1007.15	1007.03	1007.03	1007.09
17	1006.73	1006.43	1006.39	1006.47	1006.63	1006.87	1006.84	1006.80	1006.79	1006.63	1006.24	1005.77	
	1005.59	1005.46	1005.46	1005.62	1006.05	1006.62	1007.38	1007.25	1007.23	1007.38	1007.44	1007.33	1006.56
18	1007.18	1007.15	1007.33	1007.33	1007.69	1008.27	1008.31	1008.42	1008.50	1007.95	1007.56	1007.56	
	1007.51	1007.32	1007.44	1007.37	1007.65	1007.96	1008.62	1009.11	1009.42	1009.58	1009.51	1009.16	1008.08
19	1008.96	1009.00	1008.87	1008.78	1008.96	1009.36	1009.64	1009.66	1009.47	1009.45	1009.19	1008.94	
	1008.38	1008.34	1008.35	1008.15	1007.97	1007.77	1008.21	1008.58	1008.50	1008.26	1008.17	1008.20	1008.72
20	1007.81	1007.35	1007.28	1006.72	1006.31	1006.40	1006.30	1006.87	1007.09	1007.01	1006.92	1006.60	
	1005.55	1005.28	1004.96	1004.29	1003.95	1004.05	1005.88	1006.58	1007.18	1007.07	1007.03	1007.15	1006.32
21	1007.27	1007.47	1007.65	1007.77	1008.13	1008.64	1008.78	1009.11	1009.53	1010.01	1010.54	1010.78	
	1011.08	1011.42	1011.36	1011.74	1011.99	1012.26	1012.98	1013.68	1014.09	1014.30	1014.46	1014.51	1010.82
22	1014.70	1014.86	1014.87	1015.07	1015.20	1015.40	1015.87	1016.11	1016.51	1016.87	1016.64	1016.14	
	1015.75	1015.52	1015.53	1015.68	1015.67	1015.94	1016.38	1017.04	1017.12	1017.06	1017.05	1017.14	1016.00
23	1017.19	1017.08	1016.77	1016.78	1016.76	1016.95	1017.25	1017.67	1018.03	1018.01	1017.84	1017.73	
	1017.59	1017.38	1017.32	1017.42	1017.64	1017.97	1018.36	1018.64	1018.70	1018.88	1018.97	1018.94	1017.74
24	1018.81	1018.87	1018.85	1018.98	1019.16	1019.38	1019.56	1019.76	1020.03	1020.24	1020.00	1019.80	
	1019.55	1019.25	1018.83	1018.50	1018.46	1018.69	1019.22	1019.57	1019.78	1019.79	1019.60	1019.32	1019.33
25	1019.00	1018.56	1018.24	1017.84	1017.76	1017.80	1018.14	1018.30	1018.17	1017.81	1017.38	1016.87	
	1016.22	1015.60	1014.97	1014.50	1014.31	1014.10	1014.15	1014.41	1014.33	1014.35	1014.51	1014.39	1016.32
26	1014.24	1013.68	1013.35	1013.05	1012.52	1012.61	1012.84	1013.25	1013.67	1013.70	1013.32	1013.00	
	1012.73	1012.10	1011.37	1010.86	1010.99	1011.47	1011.92	1012.26	1012.60	1012.92	1013.23	1013.40	1012.71
27	1013.48	1012.90	1012.63	1012.60	1013.04	1013.46	1013.89	1014.30	1014.42	1014.33	1014.28	1014.04	
	1013.56	1013.18	1012.93	1012.84	1012.97	1012.92	1012.89	1013.16	1013.02	1012.96	1012.37	1011.90	1013.25
28	1011.87	1011.42	1011.12	1010.86	1010.42	1009.70	1009.54	1010.25	1010.66	1010.22	1009.84	1009.37	
	1008.81	1008.60	1008.51	1008.49	1008.60	1009.07	1009.47	1009.77	1010.05	1010.35	1010.55	1010.80	1009.93
29	1010.99	1010.95	1011.05	1011.38	1011.66	1012.13	1012.55	1012.80	1012.94	1013.03	1012.87	1012.39	
	1011.89	1011.57	1011.16	1011.17	1011.22	1011.23	1011.64	1011.91	1011.88	1011.56	1011.20	1011.18	1011.76
30	1010.88	1010.41	1010.00	1009.79	1009.55	1009.43	1009.46	1009.40	1009.22	1008.75	1008.54	1008.03	
	1007.63	1007.06	1006.67	1006.71	1006.66	1006.59	1007.04	1007.35	1007.09	1006.74	1006.33	1006.03	1008.14
MONTHLY AVG	1012.82	1012.66	1012.49	1012.45	1012.49	1012.69	1012.80	1013.04	1013.19	1013.14	1012.93	1012.61	
	1012.22	1011.89	1011.71	1011.67	1011.70	1011.84	1012.33	1012.68	1012.79	1012.83	1012.77	1012.71	1012.52

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Pressure in hectoPascal - October 1999

UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1005.88	1005.13	1005.20	1005.20	1005.30	1005.31	1005.69	1006.22	1006.74	1007.22	1007.47	1007.45	
	1007.27	1007.29	1007.56	1007.88	1008.24	1009.11	1009.85	1010.61	1011.15	1011.51	1011.56	1011.60	1007.77
2	1011.87	1012.11	1012.11	1012.26	1012.52	1012.79	1013.21	1013.57	1014.02	1013.98	1013.86	1013.73	
	1013.29	1013.00	1012.99	1012.93	1013.11	1013.55	1013.96	1014.19	1014.43	1014.58	1014.43	1014.34	1013.37
3	1014.29	1014.26	1014.10	1013.81	1013.58	1013.54	1013.59	1014.05	1014.46	1014.60	1014.43	1013.81	
	1012.94	1012.12	1011.60	1011.18	1011.21	1011.18	1011.02	1010.77	1010.68	1010.67	1010.40	1010.07	1012.60
4	1009.70	1008.83	1008.32	1007.93	1007.51	1006.91	1007.63	1008.15	1008.27	1008.22	1007.78	1007.56	
	1007.19	1007.06	1007.36	1007.73	1007.87	1008.06	1008.52	1008.88	1009.14	1009.19	1009.19	1009.07	1008.17
5	1008.71	1008.30	1007.90	1007.74	1007.69	1007.83	1008.41	1009.58	1010.14	1010.44	1010.48	1010.44	
	1010.55	1010.98	1011.18	1011.41	1011.86	1012.49	1012.97	1013.53	1013.92	1014.20	1014.22	1014.35	1010.81
6	1014.10	1013.78	1013.94	1014.07	1014.56	1014.96	1015.56	1016.01	1016.21	1016.21	1015.95	1015.80	
	1015.53	1015.55	1015.86	1016.30	1016.85	1017.53	1017.91	1018.35	1018.80	1018.94	1019.13	1019.50	1016.31
7	1019.65	1019.88	1020.10	1020.30	1020.58	1021.17	1021.76	1022.33	1023.01	1023.39	1023.32	1023.12	
	1022.95	1022.70	1022.53	1022.70	1023.05	1023.49	1024.01	1024.51	1024.93	1025.24	1025.29	1025.00	1022.71
8	1024.95	1024.77	1024.73	1024.63	1024.47	1024.60	1025.00	1025.11	1025.12	1024.70	1024.50	1023.77	
	1023.10	1022.48	1022.19	1022.21	1022.09	1022.10	1022.11	1022.18	1022.27	1022.36	1022.30	1022.21	1023.50
9	1022.15	1021.69	1021.35	1021.20	1021.18	1021.31	1021.59	1021.64	1021.58	1021.39	1020.99	1020.42	
	1019.87	1019.58	1019.23	1019.14	1019.30	1019.71	1020.04	1020.20	1020.54	1020.69	1020.45	1020.54	1020.66
10	1020.66	1020.53	1020.57	1020.57	1020.68	1020.92	1021.47	1022.03	1022.24	1022.12	1021.99	1021.83	
	1021.43	1021.34	1021.43	1021.70	1021.84	1022.20	1022.64	1023.05	1023.54	1023.65	1023.58	1023.63	1021.90
11	1023.74	1023.41	1023.04	1023.14	1023.59	1023.76	1024.41	1024.75	1025.03	1024.93	1024.72	1024.29	
	1024.08	1023.93	1023.89	1023.81	1023.89	1024.10	1024.28	1024.70	1024.76	1024.56	1024.49	1024.39	1024.15
12	1024.41	1024.14	1024.04	1024.03	1023.96	1023.94	1024.24	1024.64	1024.82	1025.01	1024.84	1024.18	
	1023.59	1023.19	1023.03	1022.73	1022.51	1023.15	1023.62	1024.00	1024.29	1024.22	1023.95	1023.70	1023.93
13	1023.58	1023.16	1022.93	1022.97	1023.05	1023.16	1023.60	1023.95	1024.19	1024.09	1023.72	1022.88	
	1022.14	1021.87	1021.82	1021.69	1021.56	1021.69	1021.77	1021.85	1022.10	1022.06	1021.88	1021.82	1022.65
14	1021.74	1021.27	1020.96	1020.95	1020.89	1020.75	1020.98	1021.16	1021.14	1020.76	1020.49	1019.92	
	1019.06	1018.69	1018.53	1018.16	1018.12	1018.33	1018.13	1017.88	1017.94	1017.94	1017.65	1017.47	1019.54
15	1017.29	1016.86	1016.53	1016.31	1015.76	1015.79	1016.04	1016.08	1015.90	1015.50	1015.20	1014.61	
	1014.05	1013.75	1013.62	1013.36	1013.42	1013.57	1013.73	1013.60	1013.74	1013.61	1013.62	1013.12	1014.79
16	1012.96	1012.37	1012.27	1012.28	1012.51	1012.47	1012.57	1012.84	1013.02	1013.42	1013.40	1012.73	
	1012.33	1012.28	1012.50	1012.77	1012.79	1013.13	1013.30	1013.55	1013.89	1013.95	1013.92	1013.95	1012.97
17	1013.93	1013.81	1013.78	1013.82	1013.83	1014.21	1014.72	1015.10	1015.24	1015.18	1014.92	1014.54	
	1014.10	1013.94	1013.76	1013.60	1013.77	1013.97	1014.24	1014.20	1014.52	1014.42	1014.11	1014.14	1014.24
18	1013.99	1013.48	1012.81	1012.58	1012.54	1012.18	1012.20	1012.22	1012.16	1011.69	1011.02	1009.51	
	1008.45	1007.69	1006.58	1005.27	1005.71	1006.49	1006.25	1005.99	1006.33	1006.10	1005.86	1005.64	1009.28
19	1005.36	1004.87	1005.02	1004.90	1005.23	1005.89	1006.75	1007.39	1008.04	1008.58	1008.86	1008.62	
	1008.50	1008.71	1009.41	1010.00	1010.72	1011.63	1012.31	1012.48	1012.71	1013.10	1013.43	1013.75	1009.01
20	1013.65	1013.39	1013.16	1013.29	1013.39	1013.52	1013.67	1013.59	1013.49	1013.07	1012.66	1012.34	
	1011.78	1011.51	1011.43	1011.57	1011.62	1011.85	1011.66	1011.79	1011.80	1011.46	1010.75	1010.42	1012.37
21	1010.17	1009.23	1008.30	1008.02	1007.22	1006.23	1005.69	1005.55	1004.43	1003.32	1002.87	1004.56	
	1004.50	1004.40	1004.30	1003.74	1003.94	1004.78	1005.70	1005.78	1006.08	1006.36	1006.47	1006.67	1005.76
22	1006.46	1005.87	1005.83	1005.94	1006.23	1007.04	1008.33	1009.61	1010.43	1011.06	1011.53	1011.67	
	1011.46	1011.65	1011.82	1012.05	1012.42	1013.03	1013.54	1014.19	1014.74	1014.76	1014.46	1014.32	1010.77
23	1014.06	1013.60	1013.34	1012.72	1012.65	1012.59	1012.67	1012.52	1012.09	1011.96	1011.72	1011.01	
	1010.30	1009.47	1009.07	1008.37	1008.01	1008.91	1009.24	1009.80	1010.24	1010.47	1010.32	1010.28	1011.06
24	1010.62	1010.83	1011.11	1010.88	1010.81	1010.58	1011.06	1011.18	1011.19	1011.04	1011.07	1010.62	
	1010.10	1009.66	1009.67	1009.67	1009.86	1009.97	1010.03	1009.91	1010.18	1010.28	1010.23	1009.95	1010.44
25	1009.96	1010.04	1009.34	1008.83	1008.71	1008.63	1009.24	1009.93	1010.44	1010.80	1010.96	1010.55	
	1010.08	1009.84	1010.15	1010.35	1010.68	1011.08	1011.87	1012.30	1012.76	1013.07	1013.14	1013.45	1010.67
26	1013.60	1013.56	1013.53	1013.69	1013.70	1014.08	1015.03	1015.64	1016.04	1016.28	1016.63	1016.77	
	1016.49	1016.58	1016.80	1017.03	1017.30	1017.89	1018.49	1018.79	1019.16	1019.71	1020.07	1020.03	1016.54
27	1020.17	1020.02	1020.07	1020.28	1020.47	1020.83	1021.56	1022.20	1022.35	1022.35	1022.50	1022.38	
	1022.13	1021.95	1022.06	1022.08	1022.21	1022.79	1022.94	1023.08	1023.40	1023.73	1023.97	1023.90	1022.06
28	1024.02	1023.86	1023.61	1023.57	1023.63	1023.72	1024.23	1024.81	1025.31	1025.45	1025.46	1024.96	
	1024.44	1023.95	1023.85	1024.07	1024.33	1024.76	1024.78	1024.80	1025.02	1024.97	1025.16	1025.24	1024.50
29	1025.19	1024.75	1024.49	1024.20	1023.99	1023.89	1024.25	1024.72	1024.90	1025.07	1024.69	1023.96	
	1023.10	1022.62	1022.54	1022.35	1022.57	1022.85	1022.81	1022.76	1022.74	1022.78	1022.73	1022.75	1023.61
30	1022.63	1022.23	1021.87	1021.82	1021.79	1021.81	1022.19	1022.65	1022.60	1022.37	1022.07	1021.57	
	1020.94	1020.39	1020.30	1020.19	1020.48	1020.80	1020.77	1020.59	1020.84	1020.65	1020.55	1020.45	1021.36
31	1020.47	1020.65	1020.38	1020.56	1020.42	1020.88	1021.49	1022.10	1022.05	1022.04	1021.81	1021.46	
	1021.28	1021.25	1021.45	1021.57	1021.98	1022.60	1022.98	1023.22	1023.74	1024.01	1024.20	1024.30	1021.95
MONTHLY AVG	1016.13 1015.71	1015.83 1015.47	1015.64 1015.44	1015.56 1015.41	1015.56 1015.59	1015.65 1016.02	1016.09 1016.31	1016.50 1016.50	1016.67 1016.79	1016.65 1016.88	1016.51 1016.82	1016.16 1016.78	1016.11

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Pressure in hectoPascal - November 1999

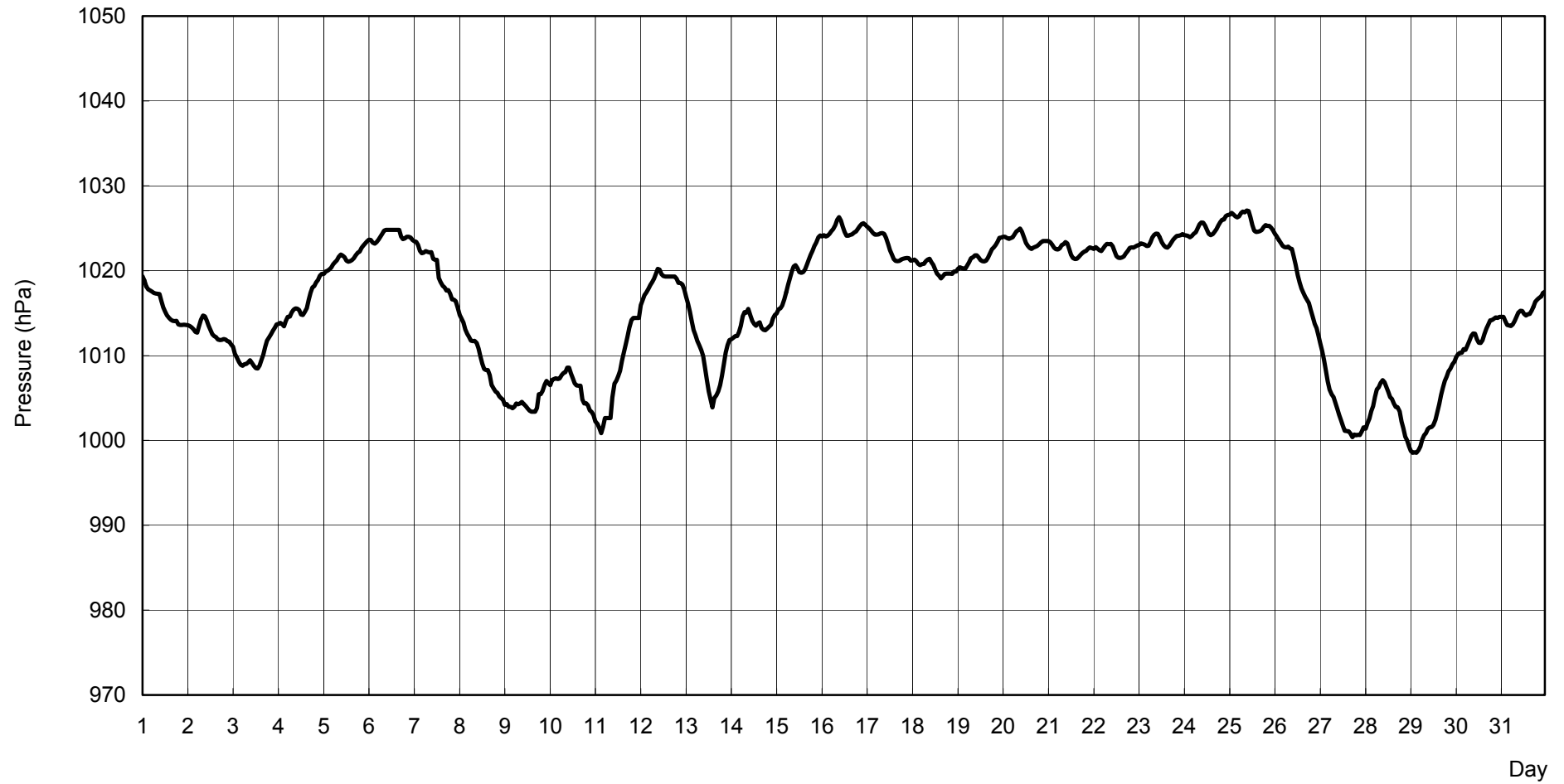
UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVG
1	1024.33	1024.27	1024.28	1024.53	1024.70	1024.83	1025.26	1025.60	1025.85	1025.89	1025.62	1024.88	
	1024.50	1024.14	1023.95	1024.22	1024.81	1025.25	1025.27	1025.47	1025.61	1025.60	1025.67	1025.65	1025.01
2	1025.48	1025.17	1024.91	1024.76	1024.53	1024.43	1024.82	1025.29	1025.48	1025.48	1024.97	1024.05	
	1023.38	1023.11	1023.02	1022.90	1022.93	1023.06	1023.19	1023.23	1023.21	1023.10	1022.81	1022.69	1024.00
3	1022.60	1022.27	1021.85	1021.84	1021.80	1021.71	1021.97	1022.18	1022.15	1021.93	1021.50	1020.95	
	1020.41	1019.89	1019.34	1019.16	1019.38	1019.41	1019.09	1018.89	1018.82	1019.11	1018.94	1018.60	1020.57
4	1019.04	1019.45	1018.82	1017.74	1017.05	1016.80	1017.26	1017.83	1018.04	1018.17	1018.04	1017.37	
	1016.39	1015.76	1015.50	1015.14	1015.17	1015.03	1014.92	1014.85	1014.74	1014.60	1014.18	1013.84	1016.49
5	1014.26	1014.50	1014.70	1014.86	1014.87	1015.20	1015.71	1016.15	1016.52	1016.78	1016.63	1016.23	
	1015.83	1015.76	1015.89	1015.92	1016.15	1016.43	1016.45	1016.67	1016.59	1016.28	1016.02	1015.69	1015.84
6	1015.00	1014.24	1013.61	1013.39	1012.86	1012.46	1012.02	1011.62	1011.00	1010.31	1009.48	1008.01	
	1006.84	1005.55	1004.51	1003.56	1002.69	1002.27	1001.23	1000.46	999.45	998.53	997.70	996.96	1006.82
7	996.48	995.88	995.53	995.70	996.38	996.94	997.61	998.13	998.56	998.84	999.36	999.56	
	1000.11	1000.42	1000.94	1001.54	1002.94	1003.75	1004.45	1005.04	1005.45	1006.08	1006.46	1006.47	1000.53
8	1006.65	1006.96	1006.31	1005.78	1006.10	1006.55	1007.85	1008.72	1008.97	1009.45	1009.23	1009.01	
	1008.75	1008.80	1009.06	1009.40	1009.98	1010.43	1011.06	1011.46	1011.86	1012.03	1012.01	1011.88	1009.10
9	1011.93	1011.94	1011.79	1011.91	1012.16	1012.44	1012.89	1013.29	1013.53	1013.79	1013.37	1013.11	
	1013.15	1013.00	1013.04	1013.42	1013.97	1014.32	1014.69	1015.27	1015.67	1015.92	1016.29	1016.09	1013.62
10	1016.23	1016.36	1016.32	1016.38	1016.50	1016.87	1016.98	1017.34	1017.35	1017.63	1017.30	1016.80	
	1016.34	1016.27	1016.32	1016.24	1016.53	1016.81	1016.91	1016.95	1017.34	1017.42	1017.48	1017.36	1016.83
11	1017.35	1016.98	1016.70	1016.66	1016.84	1017.11	1016.98	1016.95	1016.67	1016.81	1016.94	1017.07	
	1016.96	1017.08	1017.39	1017.78	1018.40	1019.00	1019.53	1020.02	1020.66	1021.03	1021.46	1021.67	1018.08
12	1021.85	1022.26	1022.53	1022.70	1022.98	1023.22	1023.72	1024.07	1024.29	1024.48	1024.24	1023.81	
	1023.33	1023.10	1022.92	1022.73	1022.84	1023.07	1023.18	1023.05	1022.69	1022.52	1022.33	1021.76	1023.07
13	1021.28	1021.11	1020.60	1020.26	1019.80	1019.60	1019.64	1019.69	1019.35	1018.71	1017.89	1016.82	
	1015.84	1015.32	1014.71	1014.26	1013.96	1013.61	1013.41	1013.18	1013.23	1013.86	1013.41	1013.34	1016.79
14	1012.81	1012.52	1012.33	1012.21	1012.20	1012.18	1012.54	1012.80	1012.68	1012.54	1012.09	1011.46	
	1010.93	1010.50	1010.39	1010.30	1010.25	1010.27	1010.27	1010.11	1010.11	1009.84	1009.64	1009.32	1011.26
15	1008.68	1008.28	1007.67	1007.41	1007.36	1007.16	1007.14	1007.11	1007.76	1007.91	1007.59	1006.76	
	1005.96	1005.74	1005.59	1005.79	1006.23	1006.83	1007.26	1007.61	1008.82	1009.03	1008.52	1008.21	1007.35
16	1008.00	1007.89	1007.82	1007.87	1007.62	1007.75	1007.58	1008.32	1009.09	1009.83	1010.02	1009.16	
	1009.08	1008.93	1009.11	1009.36	1009.42	1010.41	1011.00	1011.55	1011.87	1011.66	1011.47	1011.25	1009.42
17	1010.99	1011.03	1010.65	1010.43	1010.62	1010.87	1011.08	1011.57	1011.53	1011.31	1010.95	1010.51	
	1010.22	1009.66	1009.29	1009.10	1009.01	1009.12	1009.29	1009.18	1009.14	1008.99	1008.89	1008.87	1010.10
18	1008.70	1008.49	1008.51	1009.15	1009.53	1009.31	1009.45	1010.36	1011.29	1011.41	1010.63	1010.36	
	1010.16	1009.77	1009.75	1009.67	1009.67	1009.75	1009.25	1008.45	1007.71	1006.60	1005.16	1003.83	1009.04
19	1002.60	1001.23	999.73	998.10	996.38	995.27	995.00	994.45	994.66	995.65	995.87	995.56	
	996.26	996.93	998.04	999.52	1000.83	1002.09	1002.77	1003.28	1003.80	1004.04	1004.49	1004.92	999.23
20	1005.06	1005.09	1005.20	1005.32	1005.30	1005.34	1005.71	1006.31	1006.83	1006.86	1006.87	1006.97	
	1006.71	1006.89	1006.77	1006.92	1006.68	1006.56	1006.69	1006.40	1006.03	1004.61	1003.28	1001.89	1005.85
21	1000.63	1000.01	999.03	998.64	998.80	998.21	998.37	997.96	998.00	999.51	1000.08	1000.81	
	1001.39	1002.04	1002.50	1003.23	1003.66	1004.16	1004.50	1004.99	1005.22	1005.51	1005.76	1005.50	1001.60
22	1005.31	1005.27	1004.75	1004.06	1003.85	1003.94	1004.31	1004.63	1004.73	1004.81	1004.36	1004.26	
	1003.87	1003.58	1003.83	1004.25	1004.94	1005.28	1005.88	1006.78	1007.62	1008.31	1008.79	1009.06	1005.27
23	1009.36	1009.78	1010.05	1010.54	1011.00	1011.29	1011.89	1013.08	1013.88	1014.32	1014.31	1014.39	
	1014.22	1014.17	1014.40	1014.76	1015.30	1015.91	1016.43	1017.05	1017.45	1017.75	1017.98	1018.05	1014.06
24	1018.07	1018.26	1018.18	1018.24	1018.42	1018.82	1019.17	1019.57	1020.00	1020.34	1020.07	1019.72	
	1019.49	1019.55	1019.58	1019.70	1020.21	1020.65	1020.89	1021.00	1021.25	1021.82	1022.31	1022.67	1019.92
25	1022.67	1022.88	1023.10	1023.37	1023.66	1024.15	1024.88	1025.70	1026.26	1026.75	1026.62	1026.52	
	1026.31	1026.23	1026.49	1026.85	1027.51	1028.06	1028.38	1028.74	1028.94	1029.05	1029.18	1029.40	1026.32
26	1029.44	1029.36	1029.30	1029.34	1029.47	1029.55	1029.76	1030.02	1030.36	1030.52	1030.19	1029.73	
	1029.32	1028.94	1028.99	1029.12	1029.32	1029.53	1029.72	1029.88	1030.09	1030.32	1030.47	1030.29	1029.71
27	1030.12	1030.26	1030.01	1029.71	1029.69	1029.80	1030.09	1030.45	1030.76	1031.08	1030.78	1030.30	
	1029.88	1029.49	1029.53	1029.82	1029.87	1030.14	1030.47	1030.65	1030.87	1030.80	1031.04	1030.98	1030.27
28	1031.05	1031.18	1030.71	1030.57	1030.52	1030.75	1031.01	1031.16	1031.16	1031.16	1031.02	1030.50	
	1029.26	1029.03	1028.85	1028.76	1028.88	1029.14	1029.24	1029.31	1029.36	1029.30	1029.27	1029.16	1029.96
29	1028.77	1028.59	1028.27	1028.13	1028.02	1028.00	1028.41	1028.65	1028.74	1028.52	1027.93	1027.00	
	1026.48	1026.30	1026.22	1026.23	1026.39	1026.46	1026.87	1026.99	1027.38	1027.38	1027.33	1027.04	1027.50
30	1026.82	1026.74	1026.52	1026.42	1026.41	1026.33	1026.63	1027.02	1027.27	1027.17	1026.83	1026.35	
	1025.79	1025.42	1025.40	1025.60	1025.77	1025.73	1025.92	1026.22	1026.35	1026.42	1026.46	1026.15	1026.32
MONTHLY AVG	1015.72	1015.61	1015.33	1015.20	1015.18	1015.23	1015.52	1015.87	1016.09	1016.26	1016.01	1015.58	
	1015.24	1015.05	1015.04	1015.18	1015.46	1015.75	1015.94	1016.09	1016.24	1016.25	1016.16	1015.95	1015.66

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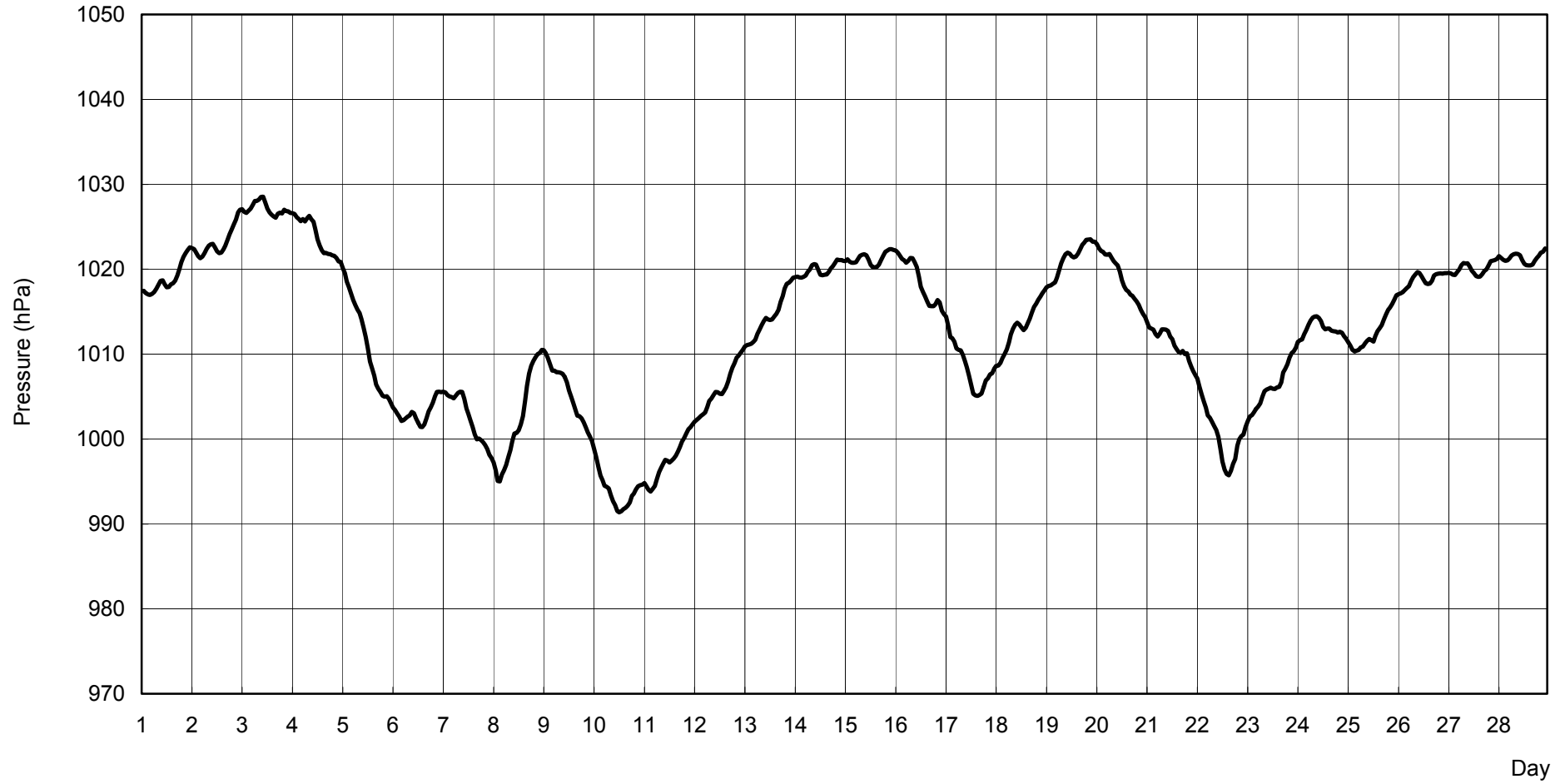
Pressure in hectoPascal- December 1999

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	1025.88	1025.89	1025.67	1025.46	1025.31	1025.42	1025.66	1025.73	1025.84	1025.76	1025.19	1024.55	
	1023.82	1023.25	1023.13	1023.19	1023.31	1023.42	1023.57	1023.75	1023.84	1023.93	1023.91	1023.72	1024.55
2	1023.54	1023.44	1023.31	1023.31	1023.27	1023.12	1023.13	1023.59	1023.81	1023.77	1023.03	1022.33	
	1021.90	1021.81	1022.05	1022.13	1022.19	1022.70	1023.10	1023.24	1023.99	1023.94	1024.04	1023.88	1023.11
3	1023.69	1024.18	1024.19	1024.25	1024.75	1025.17	1025.73	1026.31	1026.57	1027.16	1026.98	1026.48	
	1025.92	1025.58	1025.49	1025.57	1025.67	1025.71	1025.80	1025.93	1026.09	1025.97	1025.73	1025.42	1025.60
4	1024.63	1023.90	1023.04	1022.41	1022.23	1021.82	1021.65	1021.85	1021.80	1021.46	1021.25	1020.58	
	1019.89	1019.17	1018.57	1018.19	1018.10	1017.77	1017.18	1016.79	1016.14	1015.72	1015.07	1014.15	1019.72
5	1013.27	1012.42	1011.32	1010.27	1009.67	1009.70	1009.60	1009.18	1008.98	1008.54	1007.66	1006.80	
	1006.19	1005.73	1005.55	1005.26	1004.88	1005.65	1006.16	1006.83	1007.46	1007.96	1008.66	1008.85	1008.19
6	1009.53	1010.40	1011.15	1011.83	1012.60	1013.82	1014.79	1015.72	1016.47	1017.24	1017.58	1017.63	
	1017.57	1017.76	1018.27	1018.97	1019.64	1020.27	1020.87	1021.23	1021.56	1021.81	1021.99	1022.27	1017.12
7	1022.20	1022.18	1022.21	1022.05	1022.00	1022.31	1022.81	1023.32	1023.67	1024.00	1023.54	1023.00	
	1022.46	1022.10	1022.34	1022.69	1022.93	1023.21	1023.58	1023.75	1024.00	1024.25	1024.25	1024.01	1023.04
8	1023.89	1024.16	1023.75	1023.52	1023.80	1023.95	1024.33	1024.48	1024.54	1024.63	1024.18	1023.51	
	1022.92	1022.54	1022.35	1022.32	1022.31	1022.82	1022.96	1022.82	1022.87	1022.76	1022.70	1022.39	1023.35
9	1021.76	1021.23	1020.59	1019.94	1019.55	1018.96	1018.64	1018.43	1018.32	1018.01	1016.94	1015.89	
	1014.52	1013.64	1012.91	1012.51	1012.20	1012.11	1012.16	1012.18	1012.38	1012.43	1012.18	1011.42	1015.79
10	1010.51	1010.23	1009.54	1008.83	1008.30	1007.64	1007.44	1006.94	1006.50	1006.47	1006.01	1005.29	
	1004.28	1003.76	1003.58	1002.98	1003.63	1003.54	1003.61	1003.47	1003.23	1003.18	1003.00	1002.53	1005.60
11	1002.40	1002.90	1003.33	1003.53	1003.96	1004.61	1005.07	1005.82	1006.49	1007.19	1007.50	1007.56	
	1007.79	1007.88	1008.37	1008.55	1009.22	1009.59	1009.73	1010.35	1010.92	1011.56	1011.48	1011.19	1007.38
12	1011.37	1011.32	1011.33	1011.41	1011.78	1011.49	1012.06	1012.35	1012.55	1012.47	1012.06	1011.28	
	1010.33	1009.77	1009.62	1009.45	1009.37	1009.36	1009.24	1008.91	1008.44	1008.13	1007.98	1007.54	1010.40
13	1007.60	1007.74	1007.85	1007.87	1008.18	1008.85	1009.18	1009.62	1010.62	1011.17	1010.87	1010.72	
	1010.55	1010.86	1011.29	1012.22	1013.01	1013.65	1014.50	1014.97	1015.13	1015.29	1015.70	1015.42	1011.37
14	1015.09	1014.88	1014.51	1013.86	1013.30	1012.63	1012.21	1012.07	1012.01	1011.80	1010.68	1009.18	
	1007.87	1007.00	1006.60	1005.57	1004.57	1004.13	1003.56	1003.22	1002.81	1002.21	1001.59	1000.78	1008.42
15	1000.15	999.74	999.05	998.34	997.77	997.56	997.24	997.10	997.07	997.06	996.51	995.84	
	995.23	995.13	994.99	994.87	994.88	995.33	995.61	995.99	995.94	995.60	996.04	995.85	996.62
16	996.45	997.20	997.67	998.11	998.62	999.55	1000.22	1001.09	1002.35	1003.10	1003.41	1003.80	
	1004.02	1005.17	1006.31	1007.13	1008.06	1008.73	1009.62	1010.73	1011.24	1012.08	1012.92	1013.02	1004.61
17	1013.04	1013.72	1013.87	1014.01	1014.53	1015.19	1015.94	1016.62	1017.55	1018.37	1018.79	1019.33	
	1019.67	1020.12	1020.67	1020.97	1021.47	1022.20	1022.67	1023.33	1023.85	1024.36	1024.69	1024.25	1019.13
18	1024.30	1024.59	1024.45	1024.13	1023.89	1024.38	1024.65	1024.86	1024.75	1024.44	1023.93	1023.28	
	1022.67	1021.87	1021.61	1021.58	1021.47	1021.40	1021.38	1020.89	1020.54	1020.51	1020.08	1019.48	1022.71
19	1019.00	1018.57	1017.74	1016.91	1016.38	1016.24	1016.20	1015.95	1015.69	1015.03	1013.85	1012.43	
	1011.03	1009.65	1008.70	1008.07	1007.77	1007.25	1006.74	1006.10	1005.48	1005.09	1004.55	1003.57	1011.58
20	1002.58	1001.89	1001.05	1000.23	999.57	999.00	998.63	998.42	998.24	998.11	997.43	996.80	
		996.46	996.85	997.34	997.97	998.99	1000.42	1001.33	1002.20	1003.02	1003.80	1004.43	999.77
21	1005.03	1005.48	1005.80	1006.08	1006.78	1008.00	1009.02	1009.71	1010.61	1011.51	1011.74	1012.11	
	1012.51	1013.01	1014.09	1015.08	1015.80	1016.59	1017.33	1017.99	1018.56	1019.25	1019.79	1019.93	1012.57
22	1020.31	1020.76	1021.22	1021.62	1021.83	1022.19	1022.47	1022.98	1023.59	1024.12	1024.08	1023.48	
	1023.46	1023.50	1023.95	1024.53	1024.79	1024.89	1025.35	1025.26	1025.56	1025.81	1026.51	1026.37	1023.69
23	1026.08	1026.24	1026.01	1026.07	1026.23	1026.45	1026.38	1026.70	1026.96	1027.06	1026.85	1026.53	
	1026.08	1025.66	1025.44	1025.68	1026.11	1026.45	1026.81	1027.02	1027.17	1027.44	1027.50	1027.15	1026.50
24	1026.78	1026.86	1026.92	1026.69	1026.68	1027.28	1027.32	1027.41	1027.34	1027.49	1027.41	1027.03	
	1026.27	1025.70	1025.68	1025.93	1026.16	1026.16	1026.33	1026.40	1026.08	1025.96	1025.91	1025.49	1026.55
25	1024.76	1024.43	1023.98	1024.33	1023.29	1023.24	1023.01	1022.52	1022.83	1022.46	1021.79	1020.95	
	1020.11	1019.86	1018.57	1017.65	1016.78	1017.31	1016.75	1016.35	1016.16	1015.96	1015.60	1014.69	1020.14
26	1014.57	1013.91	1013.30	1012.99	1012.32	1012.07	1012.21	1012.22	1011.92	1012.01	1010.90	1009.66	
	1008.48	1007.43	1006.74	1006.21	1005.86	1005.65	1005.84	1005.94	1005.50	1005.09	1005.34	1004.93	1009.21
27	1004.03	1003.25	1003.17	1002.59	1002.17	1001.64	1001.11	1001.84	1001.85	1001.43	1001.22	1002.06	
	1001.34	1001.31	1001.46	1001.26	1001.36	1001.39	1000.71	1000.07	998.75	997.58	996.56	995.41	1000.98
28	993.33	991.66	989.66	988.04	987.88	988.62	988.88	988.00	987.87	987.83	987.36	987.24	
	987.71	988.33	989.30	990.29	991.61	992.91	994.08	995.11	996.08	996.89	997.66	998.00	991.01
29	998.55	999.99	1000.20	1000.44	1001.15	1002.18	1002.92	1003.75	1004.60	1005.09	1005.28	1005.74	
	1005.58	1005.86	1007.07	1007.98	1008.34	1009.29	1009.91	1010.43	1011.33	1011.89	1012.39	1012.78	1005.95
30	1012.96	1013.62	1014.14	1014.36	1014.66	1015.24	1015.81	1016.30	1016.95	1017.64	1017.74	1017.41	
	1017.13	1017.19	1017.46	1018.02	1018.69	1019.26	1019.90	1020.16	1020.26	1020.22	1019.92	1019.73	1017.28
31	1019.74	1019.56	1019.32	1019.11	1019.00	1019.10	1019.30	1019.35	1019.55	1019.53	1019.31	1018.99	
	1018.60	1018.48	1018.61	1018.95	1019.13	1019.35	1019.87	1020.31	1020.58	1020.90	1021.14	1021.32	1019.55
MONTHLY AVG	1014.10	1014.07	1013.85	1013.63	1013.59	1013.79	1013.99	1014.20	1014.45	1014.58	1014.23	1013.79	
	1013.86	1013.08	1013.15	1013.26	1013.46	1013.78	1014.04	1014.22	1014.33	1014.41	1014.47	1014.19	1013.92

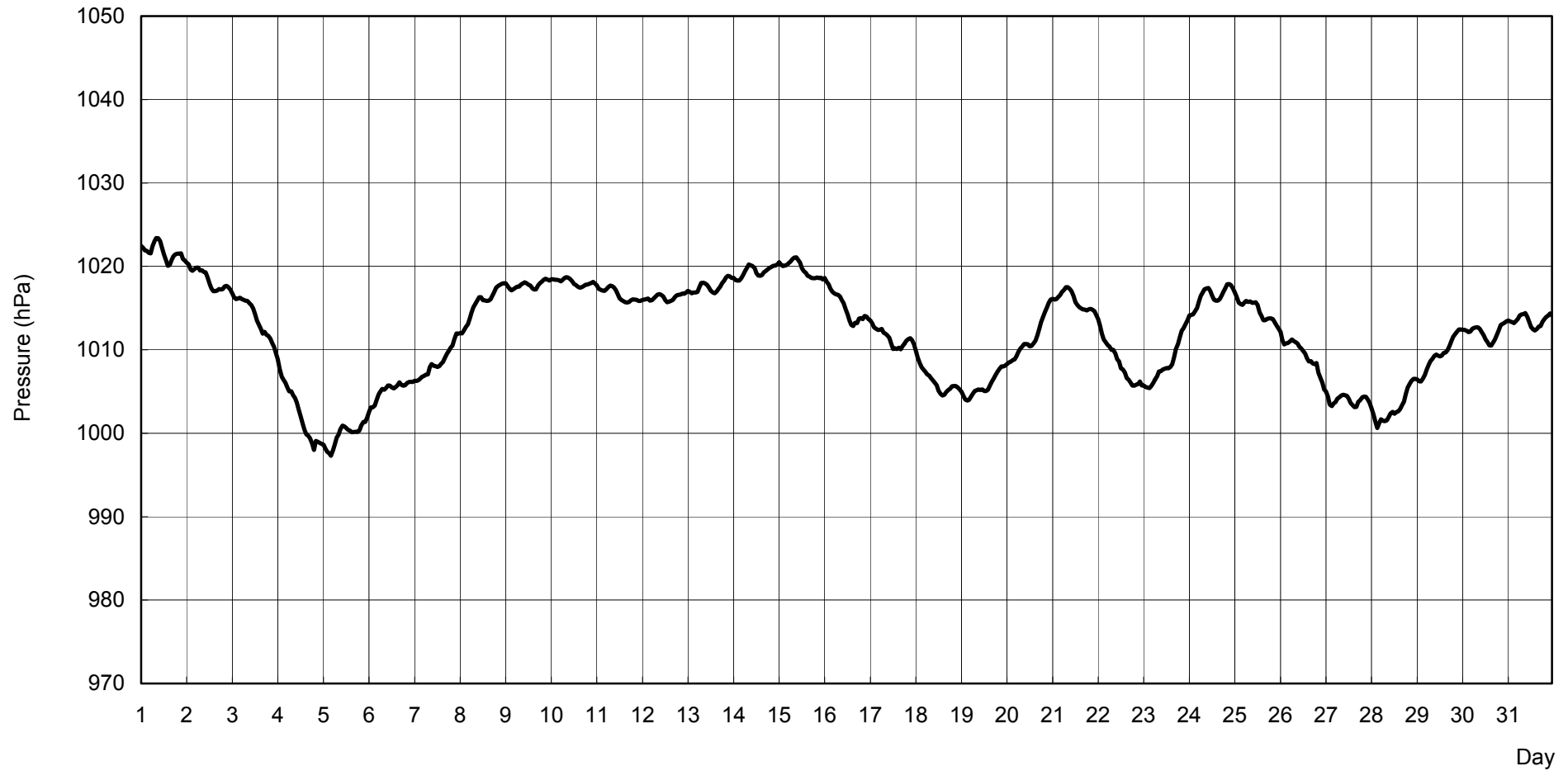
S.V.I.R.CO. Observatory - Pressure in hectoPascal - January 1999



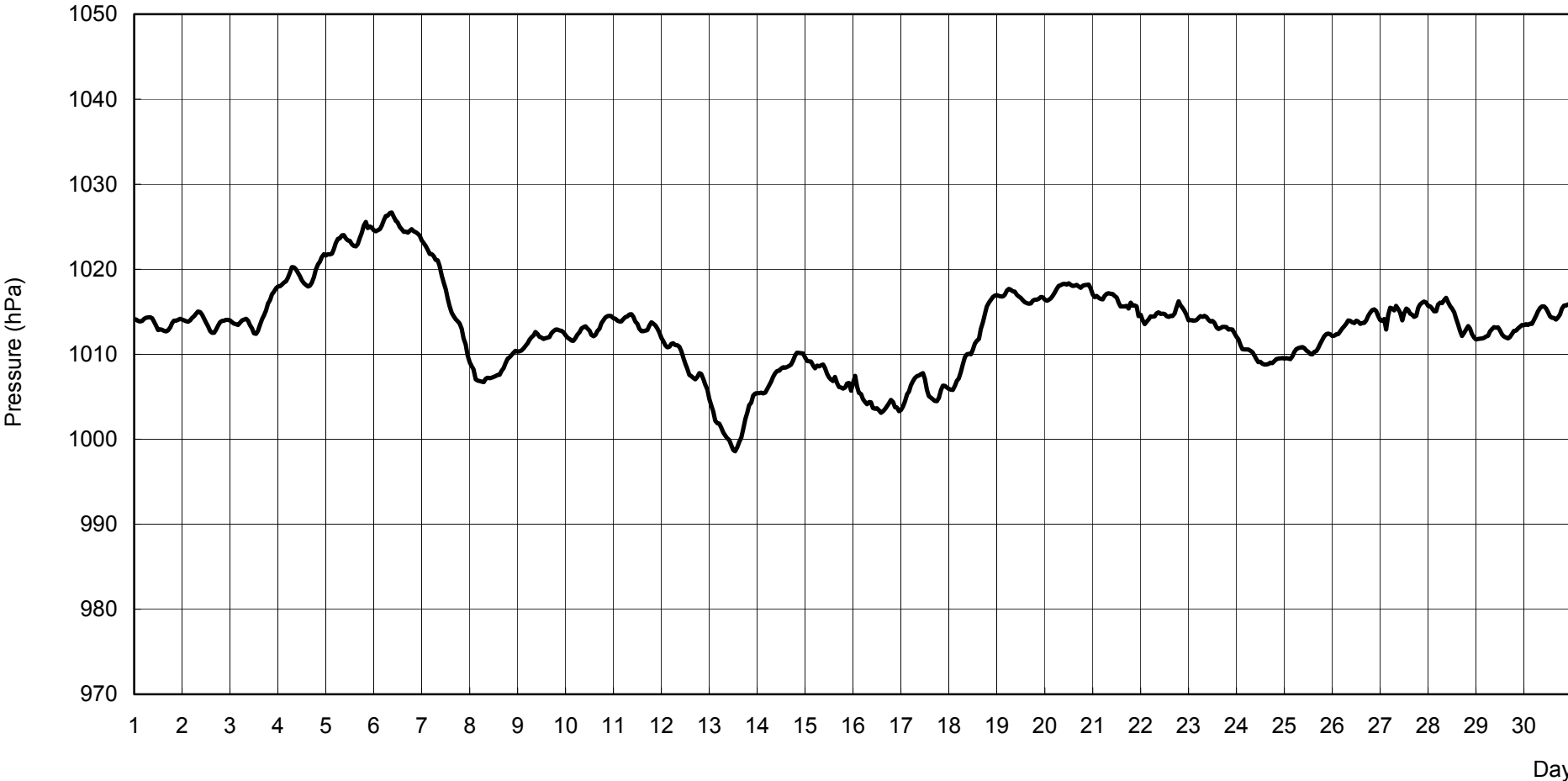
S.V.I.R.CO. Observatory - Pressure in hectoPascal - February 1999



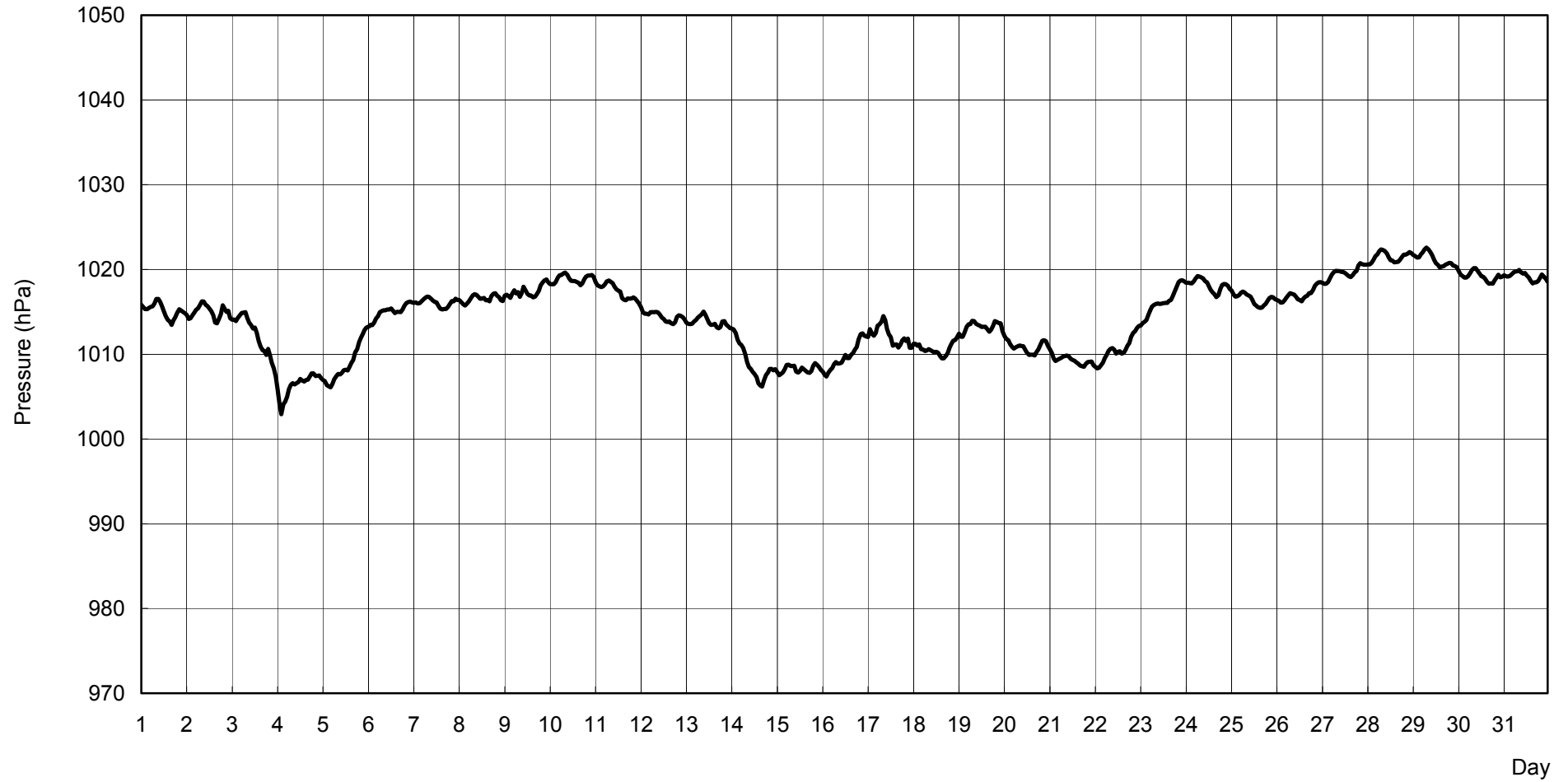
S.V.I.R.CO. Observatory - Pressure in hectoPascal - March 1999



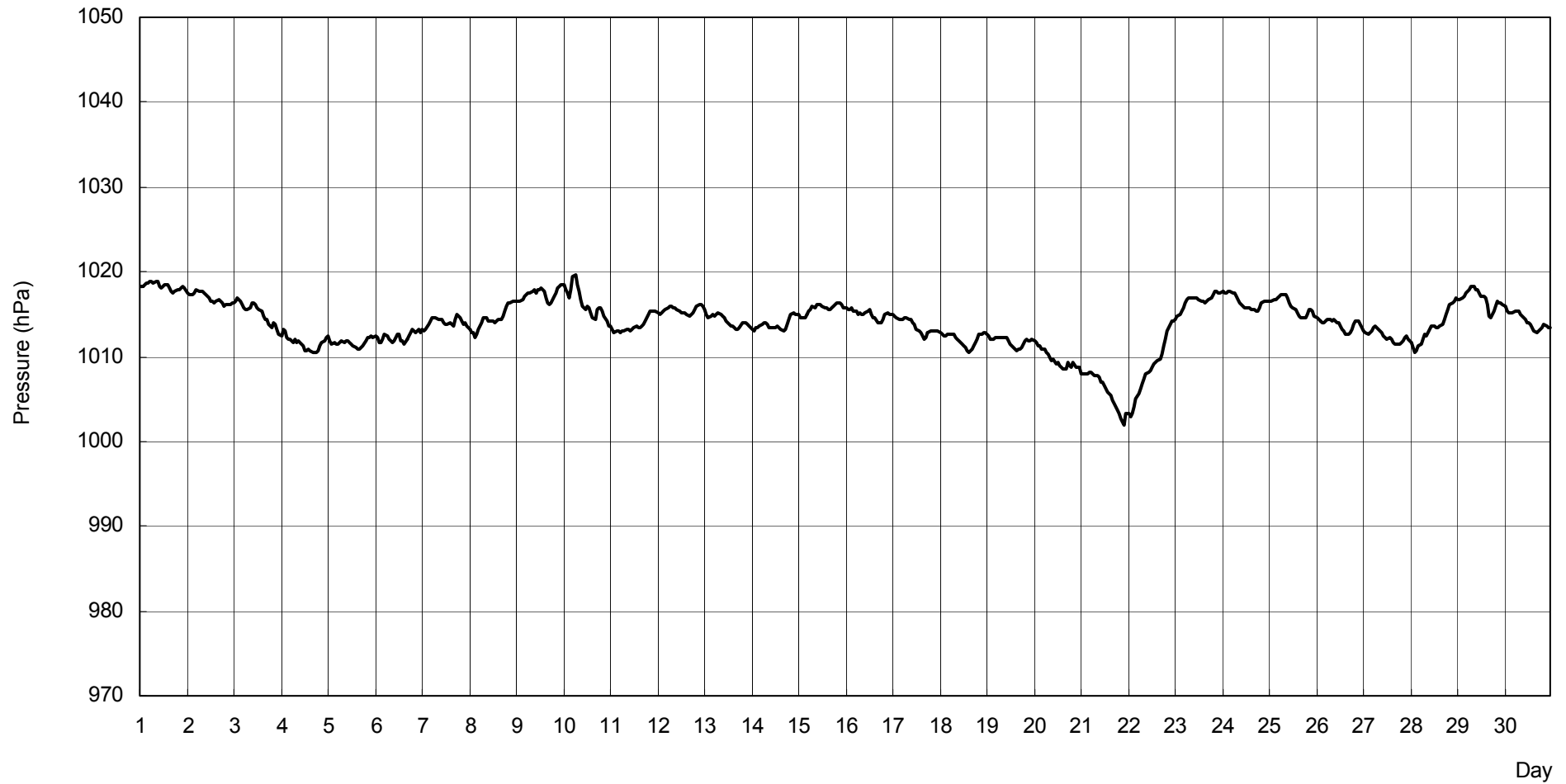
S.V.I.R.CO. Observatory - Pressure in hectoPascal - April 1999



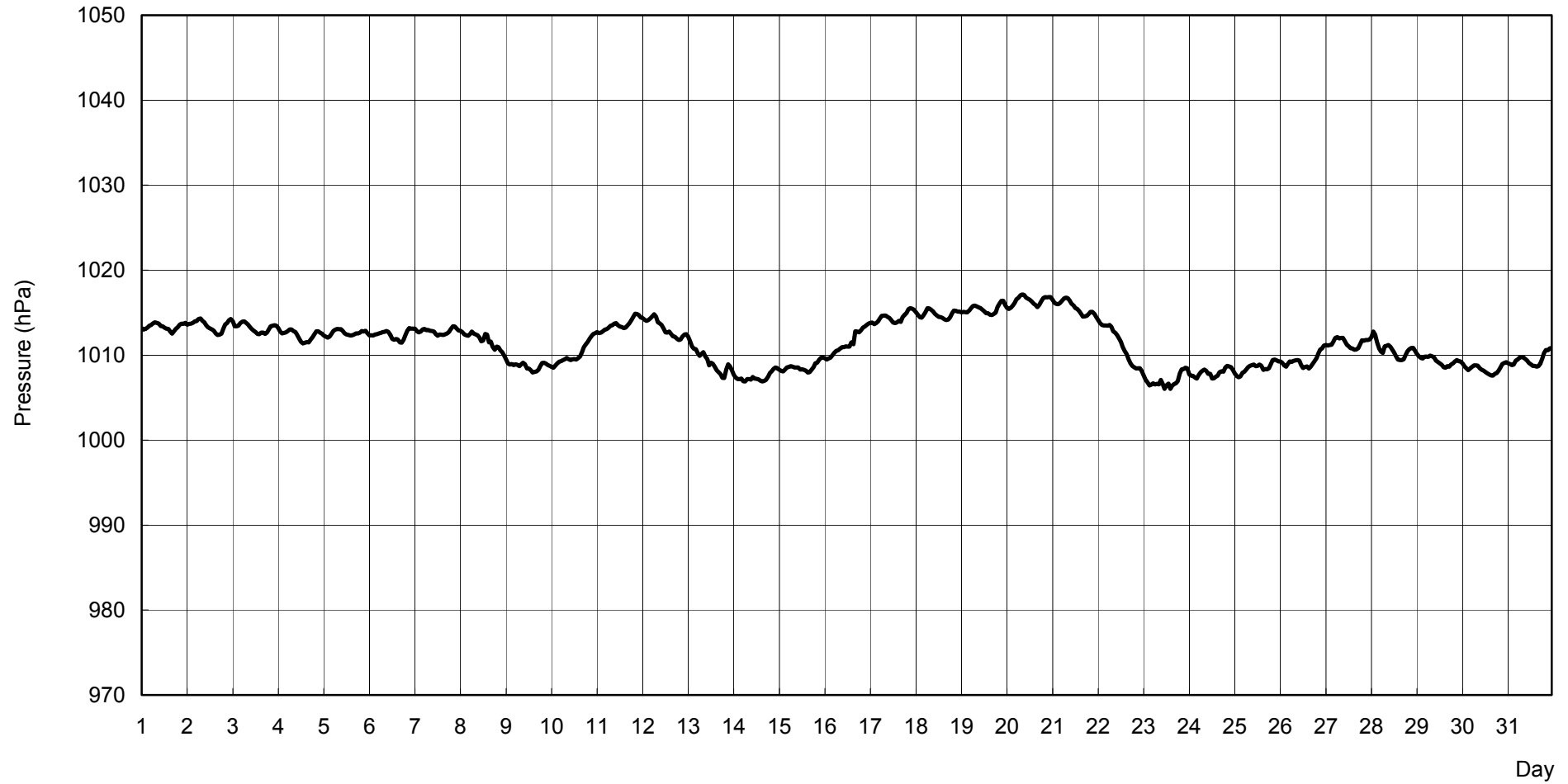
S.V.I.R.CO. Observatory - Pressure in hectoPascal - May 1999



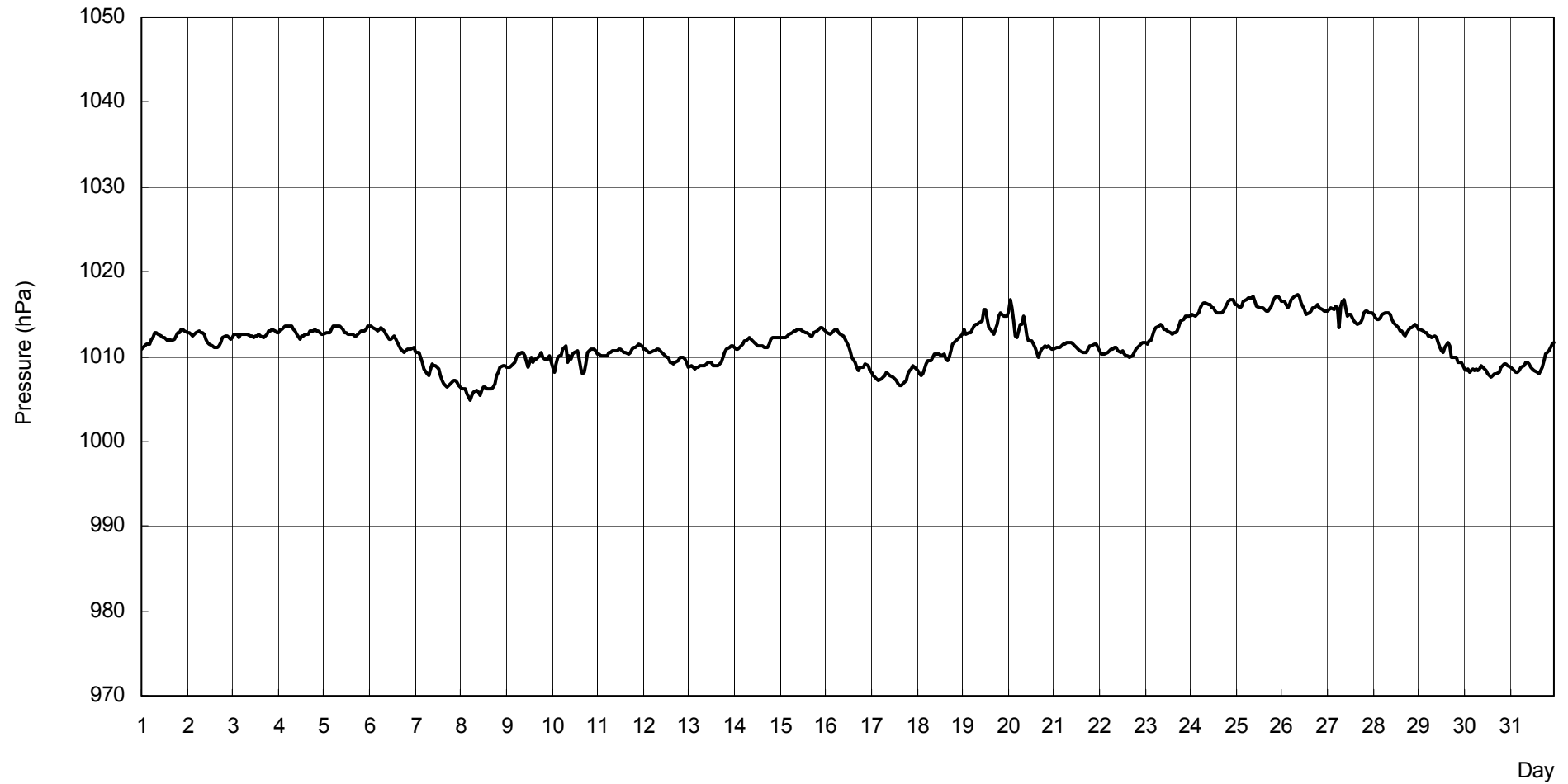
S.V.I.R.CO. Observatory - Pressure in hectoPascal - June 1999



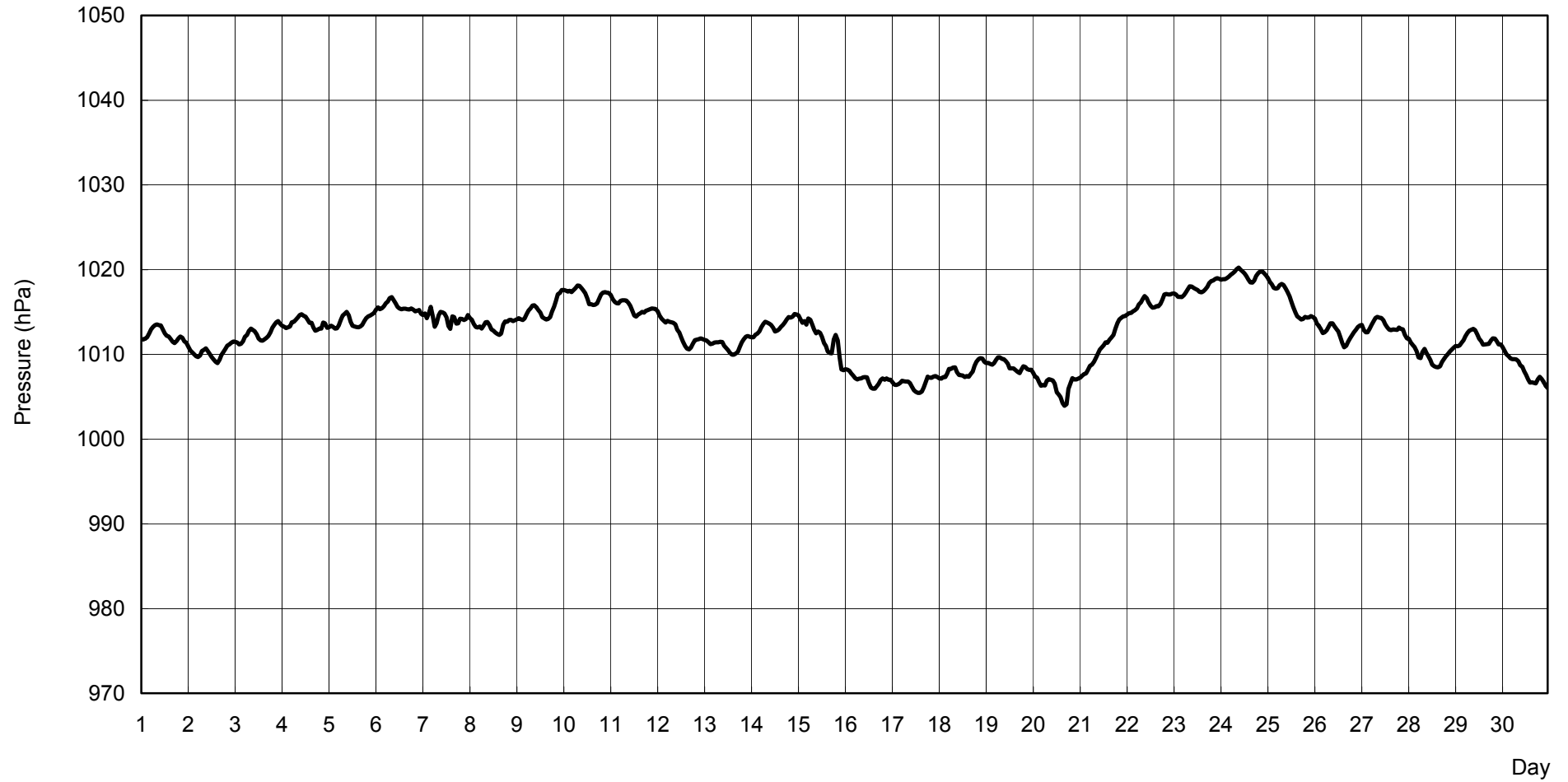
S.V.I.R.CO. Observatory - Pressure in hectoPascal - July 1999



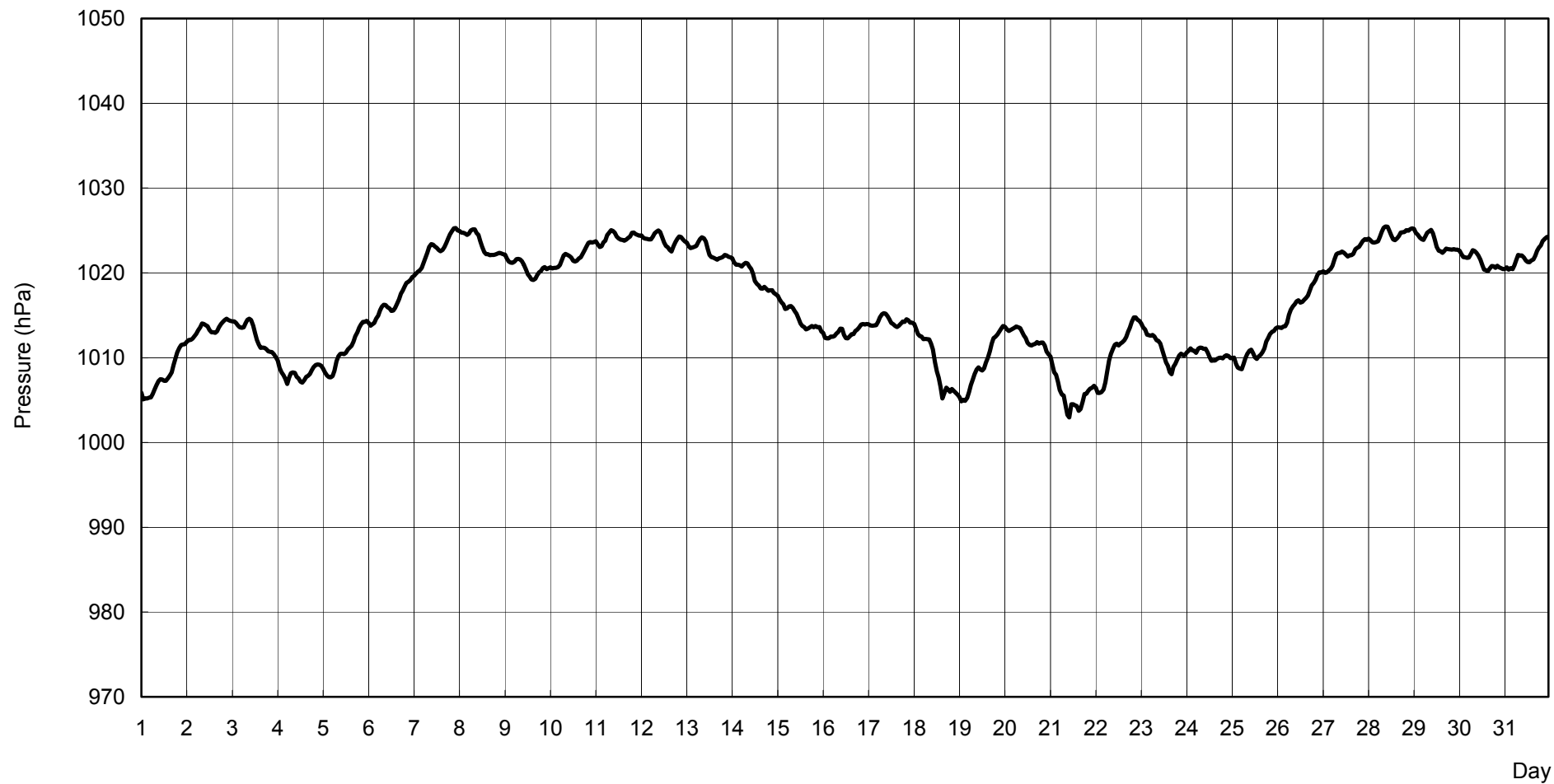
S.V.I.R.CO. Observatory - Pressure in hectoPascal - August 1999



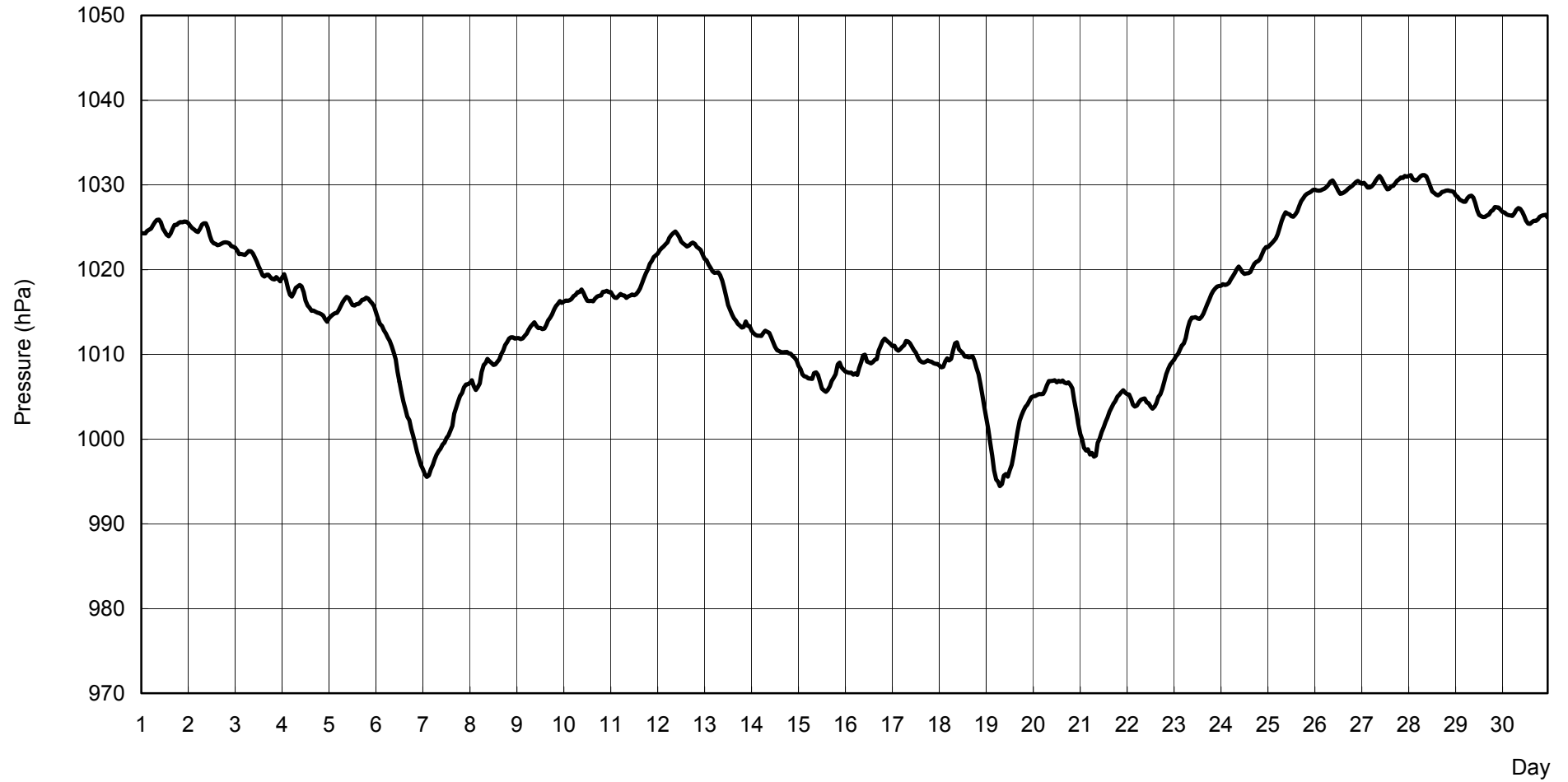
S.V.I.R.CO. Observatory - Pressure in hectoPascal - September 1999



S.V.I.R.CO. Observatory - Pressure in hectoPascal - October 1999



S.V.I.R.CO. Observatory - Pressure in hectoPascal - November 1999



S.V.I.R.CO. Observatory - Pressure in hectoPascal - December 1999

