

## **SVIRCO DATA: July to December 2002**

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### **Abstract**

*Hourly pressure corrected data and barometric pressure values, recorded by the SVIRCO Observatory, are reported in tabular and graphic form for the period July-December, 2002. Some details on the employed devices, operational mode and data handling are presented too.*



## **1. THE NEUTRON MONITOR AND DATA ACQUISITION SYSTEM**

On May 1997 the standard Neutron Monitor (17 NM - 64), was moved from the Physics Department "G. Marconi" of the "La Sapienza" University of Rome to the Physics Department "E. Amaldi" of the "Roma Tre" University (12.47°E, 41.86°N, about sea level). Details on the monitor were given in the previous issues. Since January 1, 1994 several digital barometers have been operating at the SVIRCO Laboratory. They, developed on various transducers (force balance, quartz, vibrating cylinder, aneroid), perform different resolutions from 0.2 to 0.01 hPa. A large part of the electronic equipment working in the observatory was designed and carried out by IFSI staff. The 5-minute counting rates of the monitor sections, together with the barometric pressure values, are recorded on a full-computerized acquisition system. The 5-minute rates of the detected multiplicities (from 1 to greater than 8) are also registered, but not reported here.

## **2. MONITOR EFFICIENCY AND STABILITY CONTROLLED BY THE IFSI/CNR STAFF**

A five minutes check of the low and high voltages, together with the environmental parameters, is performed. The stability of the monitor is controlled by means of the section ratios. Periodical checks of the electronic instrumentation and multi-channel tests of the counters are carried out. The height distributions of the amplifier output pulses coinciding with the discriminator output ones, allow us to verify the overall stability of each counter: gas pressure and high voltage variations, amplifier gain and discriminator threshold.

## **3. CONDITIONS FOR SVIRCO DATA USE**

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

- (i) You agree to acknowledge our financial supports in any published use of the data.

EXAMPLE: "SVIRCO neutron monitor is supported by the IFSI/CNR-UNIRomaTre COLLABORATION".

(ii) You are kindly requested to send a copy of any published work derived from our data to:

Dr. Marisa STORINI, Head COSMIC RADIATION SECTOR - IFSI/CNR - Rome  
c/o Dip. Fisica - Università di Roma Tre  
Via della Vasca Navale, 84 - 00146 Roma - Italy  
storini@fis.uniroma3.it or storini@ifs.rm.cnr.it

(iii) You are allowed to share SVIRCO data with colleagues, advising them on the above conditions.

#### 4. DATA PRESENTATION

Data presentation is analogous to the one used for the 2001 SVIRCO DATA (Signoretti et al., 2002a and 2002b).

**a) Tables:** The pressure-corrected data of the Rome neutron monitor are presented on hourly basis, together with the daily section ratios  $R_i$ . The  $R_i$  ratios (%) have been computed as rate of channel  $i$  divided by total rate and are reported in the pressure-corrected data tables; only  $n-1$  section ratios are provided, being  $n$  the number of sections. The values of the hourly average pressure are reported too.

**b) Graphs:** A series of monthly diagrams, of the pressure-corrected intensity multiplied by the normalization factors, is included. The vertical scale is 4% per division. The 100% rate is 554946 counts/hour (at 1009.25 hPa), corresponding to the mean counting rate of the Neutron Monitor in the January-February 1997 period, at the previous location of "La Sapienza" University. This value was chosen as reference level in order to obtain a continuous series of data.

Monthly graphs of the atmospheric pressure (in hPa), at the Rome station, are also reported.

#### 5. REFERENCES

F. Signoretti, F. Re, M. Storini, P. Diego, M. Parisi, SVIRCO 2001 DATA: January to June, Report IFSI/CNR 2002-7, June 2002a.

F. Signoretti, F. Re, M. Storini, P. Diego, M. Parisi, SVIRCO 2001 DATA: July to December, Report IFSI/CNR 2002-8, June 2002b

F. Signoretti, F. Re, M. Storini, P. Diego, M. Parisi, SVIRCO DATA: January to June 2002, Report IFSI/CNR 2003-3, February 2003.

## 6. TABLE I: Relevant Monitor and Data Characteristics for 2002

Station:	Rome or SVIRCO
Geographic coordinates:	12.47°E, 41.86°N
Altitude:	Sea level
Threshold rigidity (year):	6.27 GV (1995)
Year (period):	2002 (Jul.-Dec.)
Instrument:	17 NM - 64 (four 3-counter and one 5-counter units)
Scaling factor:	1
Pressure coefficient :	0.698 % / hPa
Pressure reference level:	1009.25 hPa

## 7. TABLE II: Hourly Recovered Data.

When the NM counting rate was lost for less than a 15' interval (\*) or a monitor section was inoperative (°), the hourly data have been recovered as reported in the table.

Month	Day	Time (UT)
09	02	10-11 (°)
09	23	09-10 (*)
09	28	15-16 (*)
10	28	11-12 (*)
10	31	10-11 (*)
11	11	15-19 (*)
11	20	18-21 (°)
11	21	04-12 (°)
11	25	11-12 (*)
11	27	12-13 (*)
11	29	10-11 (*)

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = JULY

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	AVERAGE	R1	R2	R3	R4
1	456113	455669	454767	454608	453442	454332	455809	456467	456694	455480	455221	454781					
	457205	456523	456710	456904	455967	455468	453858	453970	456204	453203	450972	454245	455192	16.713	17.188	17.572	17.714
2	453029	450675	451749	451854	451596	451523	453763	453444	452553	454194	455760	454910					
	454400	455057	457251	452659	452219	454074	452485	453308	454446	451385	451537	452273	453173	16.720	17.216	17.546	17.751
3	452313	450550	451698	451987	450430	453041	453061	452988	451697	452386	453664	451689					
	454121	454061	453634	453748	453886	454517	453584	453458	453919	451828	450079	453965	452763	16.697	17.173	17.579	17.771
4	453745	451869	450561	453917	451065	454579	452814	452850	453644	452920	454698	455330					
	456716	456858	454568	456316	455758	455399	453813	452955	453749	455330	452167	455069	454029	16.681	17.202	17.568	17.731
5	453926	456197	456277	453776	452912	453992	454417	454062	455602	457233	455468	456553					
	456105	455548	456533	456005	457510	455755	456206	456871	455961	454231	453729	452534	455309	16.717	17.175	17.587	17.721
6	452587	450435	451670	450701	453092	452693	453391	453128	451938	455409	453653	453883					
	454777	454946	454852	453846	454793	454175	454743	456012	453542	454167	455624	454053	453671	16.737	17.166	17.575	17.719
7	451604	452193	449173	446645	448230	448824	449906	448739	450193	449556	451178	451282					
	450379	451089	453033	452805	453273	451789	449966	450903	450051	450132	448494	447310	450281	16.728	17.204	17.524	17.730
8	448313	444188	446920	448439	449146	448023	446587	448424	449882	451075	452815	451524					
	452268	453043	449884	452949	452956	450778	449090	448599	448519	447284	448437	447127	449428	16.712	17.177	17.536	17.781
9	446165	449817	446309	449668	448868	447567	445543	451012	449321	451831	450394	450561					
	449828	449099	452094	452362	453603	452527	452908	449388	449364	449162	447244	447770	449683	16.716	17.175	17.563	17.762
10	448821	446557	448313	447948	449913	448342	450987	451790	452539	451952	452648	453267					
	454696	454777	454805	450932	452051	450280	448513	448657	447407	448282	448619	447245	450389	16.732	17.184	17.578	17.733
11	446062	446985	444285	448151	445796	445689	446639	447809	447954	449205	446224	448182					
	448299	448932	449276	449899	448776	447961	448979	449280	450236	449429	451639	447159	448035	16.734	17.181	17.582	17.735
12	448388	447815	448208	448825	448581	447423	446136	447417	449027	449970	452537	451867					
	452572	451603	452472	452755	452873	452554	453666	453284	453820	453559	452578	448268	450675	16.697	17.183	17.566	17.732
13	449149	450942	450350	451315	450830	451658	450600	451321	452473	452301	452836	454004					
	454142	454614	452833	456073	453538	452204	453151	453355	453187	451733	449461	450997	452211	16.709	17.196	17.530	17.758
14	453309	451032	449137	449230	450595	451687	452441	452138	453531	454550	456243	454806					
	457361	455995	455631	456249	453973	452673	452454	452266	450510	449885	450121	449945	452740	16.700	17.157	17.556	17.750
15	450081	450244	451486	449919	451011	451047	449804	451144	452476	451654	452113	453915					
	453509	453532	453653	454473	453306	452842	451380	451527	450296	449420	449767	448285	451537	16.732	17.137	17.559	17.736

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = JULY

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 AVERAGE	R1	R2	R3	R4
16	449345	450588	449201	451812	449170	448777	449161	452346	452307	453915	453441	455327					
	456389	452464	455311	449693	451833	454467	450593	450749	452243	453576	452231	451568	451938	16.715	17.165	17.551	17.722
17	452327	450669	451956	448266	450924	450587	452790	451053	453137	452642	455685	456989					
	457057	456874	456701	455896	454182	451325	450315	445970	445114	443715	438879	441850	451038	16.724	17.167	17.581	17.727
18	438923	440310	440070	439355	440886	440944	442284	442512	439825	441889	442470	443277					
	442883	442337	441608	441604	443709	442112	442143	440788	439421	443936	443541	446489	441805	16.695	17.199	17.554	17.749
19	444511	446970	443634	443821	445613	443840	443229	446550	445117	447210	444829	446043					
	444834	443335	443860	446278	444798	439977	436240	432906	434327	432840	432664	432578	441917	16.730	17.185	17.528	17.737
20	435536	437524	439345	439644	440698	439236	438307	438944	437436	437340	435865	434890					
	434982	436093	436677	437279	439368	435690	436649	436897	435616	436299	435658	438106	437253	16.713	17.196	17.522	17.737
21	440199	441680	440904	442649	440742	441462	443712	441440	440993	441121	440975	437243					
	438513	437481	438883	437862	441636	438213	440212	439228	440804	439478	440551	439853	440243	16.692	17.179	17.532	17.766
22	439957	440546	438647	440485	441028	438928	439859	440052	443533	442441	443342	443380					
	444832	443255	444396	442376	444808	442233	441617	441889	441114	442004	439972	441667	441765	16.707	17.186	17.530	17.725
23	438420	439076	438661	440615	442167	439618	441404	441424	441398	439712	440625	439763					
	441852	442067	441537	440733	441561	441026	441409	442069	440295	441374	440586	440762	440756	16.704	17.177	17.527	17.750
24	439247	438420	439675	439866	439913	440411	441889	442134	442007	444701	446635	444733					
	445994	444297	444538	444891	444870	442384	442649	441012	440517	442430	442821	440761	442366	16.750	17.172	17.548	17.738
25	439617	442472	441690	441397	442070	440897	440195	442522	441911	441253	441274	445341					
	443758	444072	444695	443122	443213	443700	441735	446133	442010	439358	441572	439319	442222	16.755	17.147	17.584	17.754
26	439132	439914	438092	444288	440630	439378	441746	442562	441592	444395	442469	441845					
	443009	446574	442285	444530	443529	441140	443260	441871	442612	441509	441241	441473	442045	16.717	17.175	17.555	17.736
27	442779	440613	442328	442707	444619	440934	441693	440459	438495	438008	439272	442392					
	442404	442657	442572	443679	441705	441702	441065	441815	441498	440655	441967	439760	441491	16.709	17.187	17.521	17.748
28	438758	438494	437177	436203	433799	438284	437944	437687	436911	437215	439292	438923					
	440867	437856	439589	439725	437734	436407	436451	434811	436724	433586	434644	434599	437237	16.730	17.167	17.567	17.721
29	435874	436124	436542	435853	435000	434964	434582	437013	437623	439253	438161	437692					
	440098	437994	437585	433887	433255	433459	431102	431639	432316	431430	431616	431316	435182	16.720	17.186	17.567	17.724
30	428005	430030	430628	429179	429537	434073	430379	430123	433497	433219	434940	436387					
	435032	433133	429896	431676	432814	432276	432393	430400	428521	427770	428460	426185	431190	16.733	17.167	17.560	17.724
31	429136	429159	428174	426771	429589	429992	429109	429600	429022	431605	434969	433251					
	435844	435963	435703	435308	436332	434160	435089	433168	432791	431319	429631	430604	431929	16.741	17.185	17.539	17.725

MONTHLY AVERAGE = 446113

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = AUGUST

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	AVERAGE	R1	R2	R3	R4
1	432288	431868	432171	431606	431427	431991	432216	432373	431990	433302	433186	434568					
	438085	438713	436105	437225	433365	432260	431922	431808	430531	427596	424693	426349	432402	16.740	17.170	17.565	17.699
2	426855	430635	431310	430115	434141	435369	433441	431812	430727	430361	428195	427566					
	428457	428848	427301	428113	428330	427956	428417	427853	426040	431014	429487	429188	429647	16.740	17.207	17.518	17.743
3	429127	430452	431347	433452	431163	430431	431874	431977	432504	432289	433869	433271					
	434276	435803	434772	436069	435400	434684	433727	431640	433171	433556	434406	434409	433069	16.697	17.186	17.549	17.720
4	433062	432634	435924	436219	435731	434768	436558	437120	437678	437751	439267	439343					
	436914	437302	437245	437366	437553	436585	435124	435339	434237	434073	434877	434808	436145	16.742	17.139	17.591	17.725
5	433403	431454	435036	434085	434756	433300	436406	437917	437584	440035	441043	441545					
	441926	438895	440254	438466	440263	438770	436955	440486	439534	437502	439099	438863	437816	16.710	17.170	17.591	17.717
6	437316	437062	438354	436074	437420	441317	441486	439964	442904	444333	444330	443089					
	444450	443001	444241	441403	440310	440796	437198	439837	438909	437786	436747	438699	440293	16.740	17.176	17.530	17.758
7	437679	438038	440018	439401	439141	439435	439452	441607	439173	441541	440782	440331					
	444348	442944	441125	441169	440929	442328	442450	441838	440710	440435	440638	441554	440711	16.678	17.139	17.570	17.757
8	441785	440178	440684	439648	444175	441458	443898	442601	446379	443079	445557	444899					
	444863	446065	445056	444109	443717	443390	442847	442249	442127	441848	443136	441090	443118	16.727	17.187	17.560	17.724
9	442726	441043	440335	441339	442040	441776	441372	442990	441760	441253	440984	443053					
	444259	447423	446262	445285	444855	446520	446908	445419	447525	446476	447743	445223	443940	16.739	17.190	17.564	17.739
10	441888	444048	442885	439740	442234	441302	445312	447360	445037	445030	446096	444122					
	445325	445389	446209	444484	445258	444773	443973	442074	444588	442938	442267	442378	443946	16.725	17.187	17.563	17.744
11	442165	441602	440120	442189	443987	441486	442521	443839	441688	444512	444010	444513					
	445473	445396	447199	445304	446025	444040	444733	443568	443731	445377	444070	443891	443810	16.722	17.197	17.552	17.711
12	445465	445256	445433	444236	445423	446437	445269	444766	445615	445477	447173	449393					
	450156	450194	451727	449397	447558	447020	446091	445549	445082	443577	446477	445153	446580	16.730	17.193	17.570	17.691
13	445767	444021	444805	443655	445837	446937	448288	446010	447681	448230	452821	450258					
	450841	449970	451737	451422	449142	447442	448107	448543	446578	446221	446936	447999	447885	16.731	17.183	17.582	17.717
14	449433	449926	448131	447421	446787	448234	448902	447172	449232	449844	451543	449024					
	453103	451495	448945	450331	452092	449164	449386	448722	450779	447888	450252	450808	449526	16.682	17.183	17.591	17.741
15	448428	450432	450784	449869	450867	451565	449970	450124	452391	450659	452209	450915					
	451483	453235	451975	450965	451801	449402	448744	449667	449222	447159	445896	445742	450146	16.693	17.198	17.593	17.743



NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = AUGUST

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVERAGE	R1	R2	R3	R4
16	446984	448200	444367	444841	445712	446526	449731	449875	449839	452617	453850	451792					
	450919	453095	451452	450205	449648	447835	447268	446003	444491	444177	444879	444556	448286	16.718	17.173	17.566	17.732
17	446151	446765	445799	448167	447328	447943	449119	450256	447558	448398	449938	448509					
	448004	447379	447007	445460	443261	443662	446468	444895	445129	448208	446776	446342	447022	16.720	17.187	17.556	17.744
18	447135	446922	446603	445650	447073	446264	443983	443828	446826	447076	447550	446875					
	445368	444159	446977	443846	445100	445084	447010	443195	441185	442230	443320	443038	445262	16.709	17.186	17.539	17.760
19	442478	440242	443235	442672	437052	441341	443682	441091	443742	444668	441937	442140					
	441417	443653	441487	439871	437721	439502	438228	438847	437585	439236	437211	437400	440685	16.703	17.150	17.603	17.741
20	436998	438918	437055	436718	436219	435479	435383	437282	436193	436904	437846	441474					
	438987	439551	440035	437338	440534	438588	438859	441223	439878	441058	442020	439135	438486	16.719	17.190	17.535	17.733
21	440687	440981	439481	439925	437924	439917	439706	440805	442496	441476	443423	441994					
	440483	441803	437272	439059	438718	438433	436628	438103	437689	439055	441753	442564	440016	16.690	17.189	17.575	17.714
22	443078	444578	443618	447240	445748	448159	444254	444258	441785	442233	441879	440843					
	440633	441332	439180	438103	438704	438439	438293	437721	437347	438289	437046	436533	441221	16.712	17.186	17.581	17.720
23	436575	438099	436597	437269	436690	436297	439592	438486	441354	441599	440579	442903					
	442416	440255	438899	439792	439842	437056	435051	434349	435829	433903	433398	434836	437986	16.717	17.217	17.540	17.709
24	434811	434330	438456	435410	436997	436666	436272	436286	437790	439394	439439	440621					
	442603	441043	440620	440132	437657	436756	436375	435848	434937	435284	435332	434093	437381	16.711	17.186	17.590	17.693
25	436543	438310	438359	436870	439336	438413	436429	434876	437010	434115	435536	438090					
	438322	438955	437452	440048	439080	436516	438112	435977	438288	434552	435897	436610	437237	16.705	17.208	17.586	17.734
26	434978	433986	434229	432447	433069	433223	431516	436546	434629	437100	436071	439373					
	440116	439293	438164	440464	439992	439370	442230	441019	441712	440047	434996	435479	437085	16.695	17.162	17.568	17.758
27	433046	434783	434001	435421	434887	435884	437333	436085	434320	436990	437465	436588					
	435708	433951	434454	433755	434939	437210	437834	435998	436242	433628	432727	430226	435145	16.725	17.163	17.565	17.771
28	431573	432181	432086	434572	433300	431920	434789	433880	432786	433227	432418	432280					
	433782	433466	431952	431221	430164	430216	431136	430369	430157	430410	430706	429783	432015	16.677	17.173	17.591	17.741
29	428662	431913	431571	429500	431094	429707	431690	431648	430580	432158	433899	433628					
	433033	433642	433821	433334	432914	434471	434076	431324	433340	430607	430667	429052	431930	16.702	17.163	17.541	17.762
30	433620	432254	431818	432361	431733	433045	433824	432441	433099	431512	432755	434904					
	431422	433397	433259	435102	434244	433566	436282	435620	434753	435566	434086	438058	433697	16.711	17.176	17.573	17.723
31	436276	438236	437356	437983	436373	436750	438069	435735	437136	436162	436619	439715					
	439494	441639	443971	443397	441161	441871	439081	440259	440971	438874	439758	441117	439083	16.713	17.167	17.603	17.749

MONTHLY AVERAGE = 440051

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = SEPTEMBER

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	AVERAGE	R1	R2	R3	R4
1	441519	439016	440965	439640	439331	441849	443550	444101	443239	440669	442974	441085					
	441706	441486	440428	442611	441166	442409	440998	443443	442337	439014	441109	442286	441539	16.702	17.183	17.547	17.760
2	441873	441656	443448	443560	443668	444990	444207	443007	444227	444439	442921	442765					
	442349	442424	443850	443261	442591	442226	442504	442271	440580	443129	443679	443636	443052	16.711	17.190	17.581	17.766
3	445378	444284	444860	444099	443422	443973	443929	444573	444445	445059	442884	444637					
	443499	442095	441183	440553	441589	437996	438053	438857	439044	437666	434746	435153	441749	16.677	17.166	17.568	17.750
4	434834	434931	436132	443566	444995	445801	445249	443010	445671	446563	447534	445432					
	448698	443437	445608	446398	445454	444701	441689	440944	439070	439052	441041	441107	442955	16.692	17.176	17.568	17.746
5	439557	440655	439726	443306	440731	440513	441730	444523	442661	443211	442737	445214					
	443839	442962	442912	445440	445612	444110	445072	445107	442541	442460	443580	442558	442948	16.696	17.187	17.570	17.724
6	442420	440711	443132	442125	443724	442717	441614	442985	443927	443968	443549	442594					
	444618	444038	444180	446178	446352	446851	443710	445199	445455	445602	443613	444313	443899	16.703	17.184	17.584	17.738
7	443497	444035	444832	446208	444391	445432	443146	445555	445380	446601	447866	449786					
	449342	449082	451172	449377	449502	451523	452440	449417	445806	441703	443761	446589	446935	16.708	17.181	17.565	17.724
8	448098	445759	444329	442292	442975	437385	436598	437661	436598	435944	436818	437187					
	437542	440013	441050	442389	443162	438924	441449	439814	440782	441943	441980	439555	440427	16.653	17.190	17.555	17.752
9	440401	439950	441376	439737	439016	440731	442149	441237	442233	438916	438975	441276					
	442458	442757	442638	442920	441698	442316	441416	440282	443556	442273	442613	442976	441412	16.710	17.165	17.581	17.741
10	444384	443955	445665	447601	444454	446114	445026	444876	441247	443170	441203	444849					
	443788	443061	443635	444806	447048	443493	444289	447734	446035	445028	446532	444877	444703	16.719	17.160	17.582	17.738
11	447192	442996	446155	443051	443153	443687	444699	446800	443861	446383	445947	445790					
	447979	444224	444019	444680	448652	448561	445349	445110	444284	444525	443971	440098	445049	16.705	17.187	17.565	17.714
12	442476	441607	441347	441937	443601	443992	443423	444512	445789	447715	443380	445365					
	447780	446110	444214	447765	446654	444400	444412	444369	445262	444373	444225	446007	444613	16.717	17.155	17.602	17.722
13	445748	444152	442627	445540	444477	446755	445080	448969	447473	448037	447305	449344					
	448429	447268	447813	446918	448101	449488	451880	449526	447543	446199	447784	448909	447307	16.710	17.171	17.581	17.705
14	447495	448159	447594	449116	450174	448102	449585	449447	449667	452884	450078	449827					
	450825	450301	452280	450114	454413	453943	453144	450842	453227	451424	452516	450321	450645	16.693	17.145	17.598	17.735
15	451107	451167	452695	449764	450424	448967	451629	453164	453427	452457	455080	455983					
	459843	460620	461030	459518	458092	457176	457165	454769	454423	455516	454419	450797	454551	16.718	17.186	17.569	17.737

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = SEPTEMBER

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVERAGE	R1	R2	R3	R4
16	451248	452350	449845	453339	453990	453889	451963	456600	456289	459007	458175	460146					
	459214	459556	456468	454004	452351	451273	451857	449082	451494	451246	451783	452053	454051	16.702	17.175	17.581	17.729
17	451417	449940	450196	451917	449051	449890	450429	450636	448814	452287	450628	451761					
	451412	449640	450125	450420	449896	451965	449100	449071	449482	450566	448744	448912	450263	16.698	17.127	17.555	17.728
18	449485	449720	446801	447779	447449	449159	449056	449846	449248	453044	450399	450963					
	450880	451590	451124	448717	447172	445722	446311	443545	442853	444052	442608	444133	447986	16.722	17.181	17.573	17.732
19	444263	444621	443959	445000	446170	446023	445533	445308	445619	448880	452189	450397					
	451181	450429	449407	453657	448405	444613	442289	440468	441798	442715	442563	445672	446298	16.709	17.168	17.566	17.732
20	447846	446087	445390	444388	444917	445841	446811	445379	443804	446562	445198	444133					
	446739	446677	446798	447070	444530	443619	441253	442049	442157	440327	442739	441739	444669	16.725	17.167	17.552	17.744
21	442291	443294	441967	441340	442420	443080	444538	445483	444444	443550	443779	443321					
	443146	444842	444770	444193	446946	445886	442902	440823	441673	442396	438584	436699	443015	16.709	17.166	17.548	17.749
22	437604	438860	439658	442303	442509	440555	443348	442614	442853	442986	443522	444453					
	446559	444074	445802	447344	447229	445745	443461	441623	444673	442507	443557	446010	443327	16.706	17.166	17.567	17.720
23	444263	444278	445070	444978	445841	445875	442226	443608	444448	444512	445570	443930					
	446223	443503	443648	445643	443415	443761	442650	441966	441373	440305	439526	439195	443575	16.680	17.158	17.582	17.750
24	436996	435820	435055	435822	437686	440715	439086	440779	443097	444572	444725	446119					
	445693	447058	447190	447490	444318	445682	447446	446580	446914	446634	445822	447863	443298	16.694	17.195	17.577	17.745
25	448362	445161	444199	442925	441689	444514	443022	444833	443968	446087	445015	447289					
	449444	449187	449789	451269	450373	451405	0	448199	446283	445896	445537	445789	446532	16.734	17.178	17.546	17.725
26	442629	442045	441330	442618	442063	442737	443711	446283	443499	446531	450635	451359					
	452358	452052	453688	450375	452555	451561	451948	449561	449373	448456	447674	445479	447522	16.688	17.166	17.548	17.746
27	449564	448854	448521	449007	449189	447008	447503	444422	444296	446891	445899	447617					
	445726	445149	442738	444171	444225	444605	443993	444746	444619	443339	444444	444262	445866	16.713	17.177	17.552	17.740
28	446731	447817	444847	447262	448327	447078	447104	446631	446644	447231	446956	446873					
	446755	446228	447521	446084	445000	446393	445443	443739	445290	445806	444167	446039	446332	16.730	17.170	17.555	17.736
29	447036	447798	446048	446996	445859	447623	448008	446768	445750	450013	446292	445525					
	448535	448285	447215	448585	447719	446683	447466	448901	445836	448413	446696	447062	447296	16.697	17.199	17.570	17.741
30	447865	450662	449778	446625	447717	447035	448113	451252	450139	451777	451256	453644					
	455432	457633	453816	450487	450231	452003	447926	448409	447029	447098	446211	445592	449905	16.724	17.179	17.565	17.751

MONTHLY AVERAGE = 445724

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = OCTOBER

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	AVERAGE	R1	R2	R3	R4
1	442753	442360	444712	442504	441754	443120	441675	442692	443295	446205	450462	454872					
	454610	453128	453207	451970	451926	449174	451274	450598	450579	449500	449734	450695	448033	16.707	17.160	17.586	17.751
2	449601	449759	450786	451620	450644	453990	451917	451915	452488	455027	454555	455570					
	454117	455620	453690	451509	451249	450726	449345	450408	446674	448371	449079	446860	451480	16.713	17.180	17.586	17.723
3	449798	448833	446097	442793	444854	444669	443367	443229	441956	441257	441943	442206					
	445021	441572	442854	445074	445715	445190	443185	443081	442329	442805	442760	441288	443828	16.698	17.187	17.546	17.724
4	444509	443921	442778	445500	446755	446890	446969	449489	448229	447587	449105	447252					
	445804	448151	446362	445535	449751	448357	448486	445393	445583	446294	445669	446397	446699	16.713	17.176	17.588	17.758
5	446136	444534	446479	448021	446411	448673	448001	448676	445656	451004	446847	449237					
	449447	451951	452165	451765	455604	451723	449069	450087	449138	447888	447575	446748	448868	16.698	17.201	17.595	17.719
6	447415	447693	447551	450001	446384	446419	445845	446300	446376	447804	448307	448853					
	450603	452107	452010	449717	452501	451569	451122	450796	451227	447662	449119	449139	449022	16.712	17.151	17.552	17.734
7	448345	448524	446759	447844	450829	451127	453037	453751	454058	456008	454798	455450					
	454870	454738	454467	454460	452494	452827	453940	452931	453586	451369	450505	448920	452318	16.686	17.171	17.564	17.748
8	449792	451273	451594	452928	453244	453376	452320	451591	452523	450562	453421	453384					
	454549	456694	453834	453609	452102	453320	450998	451680	449446	450641	450147	449805	452201	16.717	17.176	17.563	17.746
9	451509	449333	450435	451273	451015	454313	452993	454627	454897	456014	456380	453764					
	454447	455556	454830	456249	455356	452117	452369	450451	450191	451664	449521	452607	452996	16.719	17.150	17.565	17.750
10	450894	451783	452815	453421	453090	455337	454431	456529	456400	455672	457718	459708					
	459409	457063	454515	452882	454610	450893	451611	453021	452378	451538	450600	450695	454042	16.682	17.204	17.573	17.723
11	449203	452115	454655	453342	452751	452223	454826	452917	454618	454738	453919	453471					
	455905	458646	454972	455591	455584	453339	453967	454027	453592	455276	453918	454318	454080	16.705	17.165	17.558	17.736
12	451584	453712	453158	453954	455292	455839	457329	459060	458480	457117	457251	456071					
	457423	458787	456594	454722	455805	454453	454993	453843	455123	453698	451227	451714	455301	16.700	17.181	17.588	17.739
13	451565	451552	452229	451945	452378	452673	452822	452217	452977	452571	452119	451387					
	449911	450554	451521	450164	451412	449599	452070	450482	449151	449670	449337	451261	451315	16.703	17.171	17.578	17.723
14	449778	450499	452779	452638	453513	455171	455904	453384	454823	455320	454313	456801					
	460197	461056	458192	458386	454745	453711	454724	454833	451969	453375	450880	450873	454494	16.717	17.188	17.548	17.767
15	450842	450553	451151	451072	453616	453233	455575	452150	453188	453107	454970	454538					
	456558	454197	453926	453631	453353	454904	456358	455767	452352	453452	451957	451145	453400	16.749	17.183	17.540	17.738

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = OCTOBER

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 AVERAGE	R1	R2	R3	R4
16	453106	451803	450218	450242	452146	453040	453830	455239	455608	455217	452589	454726					
	454523	455090	450720	451450	450312	450552	450241	450567	449754	448466	448645	447464	451898	16.719	17.178	17.579	17.719
17	447083	449746	447761	449783	450589	448847	450449	447593	449519	450563	451373	452599					
	452553	453374	452056	450413	450047	448283	450829	448189	444843	448604	444282	444245	449318	16.727	17.161	17.557	17.728
18	444868	445916	447752	448219	447062	447150	447075	448068	447375	446052	447077	447750					
	447415	449472	450225	448125	448812	447567	448167	447909	446205	445819	445610	443738	447226	16.728	17.177	17.544	17.748
19	444554	444810	442771	443231	442664	443037	442785	443114	442625	444019	444104	445660					
	444420	443792	442786	442559	442309	441472	441743	442024	440882	441852	438847	441124	442799	16.736	17.160	17.566	17.730
20	437398	439727	436969	437699	439146	437004	438285	437622	441269	439117	440681	440623					
	438991	441095	438714	440646	439185	438544	436844	435981	435564	434287	432805	435379	438066	16.762	17.165	17.534	17.745
21	435086	434748	435342	435872	435409	436582	436818	435938	436152	436030	434986	437446					
	438560	436676	436705	436523	436836	436799	436598	436416	435719	435146	436482	435495	436182	16.722	17.163	17.547	17.755
22	435476	434054	436020	436242	436124	436558	438000	436981	437556	437275	437564	437079					
	437946	436592	438148	439221	438722	437925	436833	439316	437670	438898	439346	438254	437408	16.702	17.177	17.588	17.746
23	438428	439276	438987	439858	439996	440229	442547	441707	444378	445200	446882	445407					
	447101	443664	442998	442248	442089	441041	442030	442272	441008	441666	442267	443259	442272	16.695	17.192	17.556	17.749
24	443814	442787	445096	445442	446337	444895	443238	444419	443339	446270	445925	446609					
	446760	446720	445692	447583	447113	444960	447172	448525	445981	444584	444740	442611	445442	16.702	17.153	17.587	17.719
25	444765	444100	443618	441278	443131	444004	445237	446466	444471	443925	445978	448113					
	444742	443778	442740	442325	441817	443544	443719	441390	443885	440142	441878	443369	443684	16.693	17.183	17.543	17.750
26	443711	441965	440360	441105	442149	441478	444133	442071	443635	444312	443074	443807					
	444409	445493	444326	443914	445732	445561	445411	444872	443526	445313	443358	443005	443613	16.724	17.172	17.532	17.739
27	442707	442390	441256	445061	444260	445140	444821	443639	444206	445625	445434	443674					
	441925	444551	446981	445120	445652	444506	444199	445660	444497	444336	442592	443897	444255	16.714	17.184	17.549	17.721
28	441737	444772	445133	444317	445823	445462	445727	446175	445505	446024	446844	446945					
	445299	448591	444756	444814	446744	444359	444336	444527	444551	445276	444190	443863	445240	16.721	17.184	17.529	17.751
29	443263	443308	444168	445243	447411	445360	446303	446296	447901	448267	448577	448156					
	448044	449840	447874	447156	447247	449712	451026	450735	449317	449202	452064	449117	447733	16.733	17.180	17.604	17.724
30	448582	446011	448998	449254	448714	446702	449016	444891	447488	447080	446929	447127					
	448155	446699	448588	447998	448295	448628	449584	449539	448593	450082	449640	448433	448126	16.707	17.135	17.560	17.768
31	447759	448143	447204	445923	446194	447705	446878	446332	445841	446217	447381	446800					
	447633	445013	447471	447599	447504	450067	451341	450003	449145	451452	447218	449356	447758	16.693	17.168	17.581	17.747

MONTHLY AVERAGE = 447712

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = NOVEMBER

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	AVERAGE	R1	R2	R3	R4
1	449112	448193	445433	446477	450287	449256	450567	447545	446020	446179	448613	447012					
	447588	449018	447046	446329	446868	448915	446067	447940	446743	445113	445362	444681	447349	16.728	17.136	17.555	17.754
2	443957	447622	443598	442748	441268	442395	443389	441916	440405	441446	439428	442797					
	441020	440421	442256	441671	442755	440747	444327	441306	439351	440719	439615	441865	441959	16.706	17.165	17.576	17.759
3	441770	439857	442381	441316	442877	440701	438825	437423	440306	437367	439903	438869					
	440309	439799	438042	440426	439723	440592	438917	439564	442677	442932	439954	439243	440157	16.700	17.121	17.561	17.754
4	442017	440327	440040	442320	441629	443047	442462	440520	441564	442200	442765	443660					
	441767	443438	443998	444925	446938	445341	443628	443655	442562	442401	441672	441258	442672	16.729	17.175	17.533	17.734
5	441016	441306	440799	442177	438777	440930	438240	439626	440400	439721	440467	441123					
	439024	439906	438057	440037	439376	441590	439297	439374	439917	441215	440616	439989	440124	16.719	17.180	17.564	17.726
6	438988	439261	439429	440960	440252	439993	439709	442550	440880	442158	440694	440281					
	440163	441803	442831	442633	443921	444398	443224	444625	444271	444499	442431	443969	441830	16.732	17.217	17.544	17.719
7	443073	441613	439820	441554	442710	441508	445494	447190	445167	447670	446659	448749					
	447890	447883	449380	447528	448774	446469	445996	444663	443034	446635	444772	443436	445320	16.698	17.191	17.573	17.740
8	446226	444642	446773	447683	449035	447254	447069	445943	445374	444558	446570	445209					
	448158	448115	447322	447697	448789	449819	451346	448792	446761	446720	446092	444361	447096	16.705	17.192	17.534	17.720
9	446742	448078	449045	447470	448723	448250	445684	445663	447419	446863	448220	448466					
	448379	450507	451304	449582	452483	450159	450206	448438	447443	449172	448367	446705	448474	16.731	17.174	17.533	17.747
10	448098	452452	450803	449107	450822	451300	451642	450206	450569	454082	450945	449177					
	448526	448415	446518	444860	443609	439899	442048	441288	441094	440902	440243	441487	447004	16.732	17.177	17.546	17.744
11	440480	438585	439948	438986	439308	438369	436443	437645	439411	440196	439387	439374					
		439967	439730	438663	439194	438415	435358	436960	434415	433752	431438	434761	437860	16.745	17.206	17.574	17.726
12	432929	430543	428580	427386	428409	430280	431381	431369	434317	433246	434695	436573					
	438818	437842	438100	435996	437378	440130	435505	436119	433709	431269	431866	432094	433689	16.728	17.186	17.538	17.768
13	430037	434975	433169	436609	436695	436065	437116	439828	439688	441245	442508	440934					
	441733	442268	443677	442335	442125	441940	440593	439402	440790	436920	436932	437162	438948	16.698	17.163	17.569	17.764
14	436620	436086	436310	439756	438060	437825	438545	439733	440093	442372	442606	443517					
	443122	442947	443835	442031	442387	443871	442572	442089	442221	439853	440474	439796	440697	16.701	17.162	17.561	17.752
15	438262	439062	442264	441130	440565	438309	440809	440073	440193	442076	442425	442285					
	443425	443320	441663	443455	444411	443612	443569	444552	443983	443248	443363	442704	442032	16.727	17.180	17.560	17.738

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = NOVEMBER

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVERAGE	R1	R2	R3	R4
16	441975	445246	446851	442104	444066	444174	446389	444701	446833	445681	446633	448104					
	449166	448670	444589	446666	445224	445661	446743	445232	445657	444349	446109	444851	445653	16.722	17.163	17.594	17.754
17	444828	444778	444023	444573	442076	443571	445737	445607	447614	445605	445937	444868					
	443644	438612	435166	433401	430284	425619	425380	424902	422256	423298	422951	423679	437017	16.700	17.153	17.608	17.758
18	424908	425020	425515	424445	424113	427709	426503	428824	431398	432158	430421	431064					
	427394	424261	423654	423618	422357	424004	423415	425147	425555	425060	425673	427436	426235	16.715	17.133	17.580	17.772
19	426776	430179	427198	427213	426963	427882	427403	428172	426236	426078	430206	428180					
	427926	427205	430529	427315	426546	427163	425386	427388	427806	425729	425969	427676	427464	16.677	17.169	17.581	17.729
20	427304	427476	427677	427739	428258	427021	427774	428629	429149	429596	427698	431064					
	432792	433079	428579	429577	427208	429271	431834	433857	430508	429511	429843	433127	429524	16.717	17.192	17.590	17.744
21	430916	428467	429561	431732	433271	430518	430770	434585	436015	436748	440560	435811					
	438672	436795	438512	437496	438389	436417	436264	435440	434609	435374	433346	433831	434754	16.723	17.151	17.594	17.763
22	434756	435371	436244	437718	437571	438341	438145	437774	438788	439480	442571	441599					
	443766	443626	442149	441733	442943	441804	441468	439630	438206	440055	440624	438524	439704	16.743	17.134	17.590	17.740
23	440212	441141	439654	439889	439348	442142	440346	443618	441022	443562	444708	445752					
	444676	444705	442499	443363	442216	441130	442136	442246	442293	441042	438652	437127	441812	16.711	17.148	17.567	17.743
24	438374	439461	441398	443770	442598	443679	443560	444101	446526	444403	445943	446057					
	447854	447783	449587	448192	444730	445693	443860	445194	445787	444669	443901	445624	444698	16.728	17.159	17.589	17.757
25	444939	445158	444605	442727	444893	446615	443639	446191	443605	445140	446642	446734					
	446739	447051	447426	448611	445722	445342	447186	446114	447008	447613	445733	447416	445952	16.735	17.119	17.581	17.758
26	445028	443684	444844	446092	446264	448314	450933	450159	448731	448630	448997	447720					
	447760	448969	449094	448367	449154	448180	446124	447137	449565	447594	445836	443721	447537	16.710	17.191	17.538	17.740
27	439934	437769	439645	440895	441706	442276	442828	444818	443873	442561	445046	446493					
	445419	444979	445202	442122	443522	442971	440518	440539	439566	442320	441476	441450	442414	16.712	17.176	17.539	17.764
28	442545	442669	443963	441886	441886	441253	442345	442907	441296	442394	441195	443238					
	442348	443125	446323	444565	443555	442533	442954	444637	442658	442240	442531	443900	442873	16.720	17.149	17.572	17.751
29	443430	439971	443313	442735	442914	442412	442796	444805	443716	443055	441763	443035					
	441025	441241	444352	443487	443200	443891	444569	444481	445798	444679	445136	443713	443313	16.689	17.169	17.570	17.762
30	443257	445851	444444	445591	443559	443405	442766	445609	444084	444508	444225	446289					
	448518	446775	445548	446946	446988	447817	446614	446863	445280	444682	446908	444634	445465	16.706	17.187	17.563	17.732

MONTHLY AVERAGE = 440987

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = DECEMBER

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	AVERAGE	R1	R2	R3	R4
1	445712	446474	446401	445841	446909	448554	447372	447081	447390	446411	447586	448585					
	445331	450048	449071	449778	448766	448476	447979	447362	446734	447603	446284	446502	447427	16.737	17.153	17.553	17.739
2	447527	449566	446073	446090	448426	449352	448994	449715	450065	450487	450840	450152					
	451435	450918	450429	450901	450399	449550	451758	452610	450148	451792	447381	451041	449819	16.698	17.185	17.540	17.754
3	449700	449015	448447	451277	450317	450712	450868	448727	451254	451269	451933	452503					
	453746	453711	453251	452708	453155	452871	453359	452539	451993	451170	452381	450284	451550	16.715	17.154	17.573	17.755
4	449978	448643	451366	450155	451398	450448	450804	451794	452917	451040	453407	452810					
	455734	453512	454395	455045	452971	454329	455181	452694	452572	451920	454141	454048	452554	16.732	17.162	17.548	17.751
5	452750	451329	451658	449556	449849	451561	452657	452937	452989	451885	456612	452198					
	454520	455235	455680	454681	453906	453433	455904	452725	452935	450738	450926	449707	452766	16.729	17.196	17.586	17.723
6	449807	450625	449750	449677	449321	448739	448381	448207	450927	451526	451523	449887					
	452014	451585	451833	451880	448360	448634	448729	448044	447487	447712	444997	447510	449465	16.731	17.166	17.577	17.736
7	447555	448530	446431	448696	446613	449088	446924	447161	451698	449977	448577	449990					
	451671	448528	449399	449083	447656	444994	448039	445816	444869	445241	443657	442704	447621	16.743	17.211	17.587	17.743
8	446259	444113	443861	443653	443086	443784	443456	443454	444269	444207	445636	444645					
	446605	448136	445317	445864	444767	445519	445380	444660	444091	441997	444302	442795	444577	16.690	17.191	17.562	17.731
9	441875	443128	444061	442829	442463	444412	442981	444402	442354	443018	446702	445594					
	446128	443645	444054	445727	443606	443848	442026	446382	443305	444907	443732	444512	443987	16.710	17.181	17.568	17.746
10	445638	442888	443640	442368	443547	445040	445086	443661	446393	444368	443500	446553					
	446342	442832	445458	447675	444891	446925	446461	445752	446883	446690	447358	447530	445312	16.700	17.185	17.532	17.733
11	445466	446797	446335	445938	446006	447163	446603	446496	446977	446630	446759	446167					
	445619	446248	448709	446495	441903	445294	445455	444640	446313	445477	446859	446514	446119	16.736	17.185	17.546	17.718
12	445925	445913	446322	444711	445939	445015	445895	445714	443041	444352	443651	444734					
	446701	443960	446103	446012	444553	446551	446265	443267	445797	446072	445052	443591	445214	16.737	17.200	17.558	17.719
13	444600	445900	443374	444513	445637	444924	445111	447102	446718	445261	445880	447586					
	444576	445286	444587	443913	442148	443816	442142	443184	442686	442294	441685	442749	444403	16.723	17.155	17.577	17.724
14	444040	442806	444967	444328	444727	443058	442983	443518	442354	441890	441940	443239					
	440524	441968	440071	438377	439429	439641	440006	437941	439405	438500	439753	437744	441384	16.747	17.163	17.609	17.725
15	438987	437679	438650	439067	440201	438844	439637	441113	441092	442850	442707	442683					
	443507	440505	442449	442106	439502	440220	441662	443061	438788	439771	438054	437505	440443	16.715	17.170	17.566	17.770



NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = DECEMBER

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVERAGE	R1	R2	R3	R4
16	438756	438757	440153	439070	441116	441692	440454	440878	441903	441289	440510	442133					
	442913	441402	441914	440557	441064	441008	441637	440582	442073	441072	443477	438796	440967	16.728	17.126	17.569	17.765
17	439726	438334	438102	439945	439215	442644	441899	441367	441902	440803	444191	444330					
	442527	441840	442821	443507	442755	442252	438931	439420	438830	436951	436080	438138	440688	16.726	17.160	17.560	17.745
18	435694	436150	436218	436910	435561	435997	438065	437902	436602	437359	437711	438250					
	437211	435910	436819	437603	438317	435283	436224	438494	437843	438420	440839	440890	437345	16.681	17.179	17.592	17.706
19	441754	441055	442412	442321	438783	438989	439694	437939	438358	440770	440781	443231					
	442843	443778	443524	443988	443081	444945	443488	441445	438674	438826	439586	439870	441256	16.753	17.199	17.565	17.718
20	438090	436000	436942	439709	438705	440569	439807	441456	440074	441442	441850	442531					
	440110	440074	441404	439440	439982	439813	437217	439074	439963	439078	442405	441900	439902	16.743	17.143	17.575	17.757
21	440004	442107	443034	444161	440021	441845	443353	443582	444804	442031	442681	444235					
	443224	442405	442227	441499	442768	442720	440779	440259	441345	441158	439740	442115	442171	16.721	17.173	17.593	17.732
22	443840	444556	442932	444466	443460	444073	442211	439526	439673	439710	443067	441971					
	442357	441235	440598	438843	438047	435503	435072	432710	433410	434241	433070	430502	439378	16.699	17.159	17.572	17.775
23	430561	430961	427957	429893	431810	431186	433428	434697	435813	437599	437754	436186					
	438489	435301	434840	434065	433559	433654	432481	435751	432432	432112	432105	432917	433565	16.708	17.163	17.548	17.762
24	433428	436003	433948	433816	435232	436708	434962	435639	435859	435785	437547	434632					
	437352	436704	438515	436517	437408	438108	439566	435373	435093	435195	433492	432685	435815	16.737	17.180	17.580	17.730
25	431323	433035	432830	432427	433747	434631	435380	438497	435154	439353	439152	438391					
	440028	438533	438131	437547	440771	436984	437803	439146	436598	437739	437050	438349	436775	16.737	17.170	17.567	17.733
26	436975	437497	437114	437822	439637	437378	438685	440262	440178	441683	443488	441949					
	441530	443738	442373	442291	442219	442108	442202	440684	441493	441371	439989	440373	440543	16.730	17.193	17.544	17.742
27	441903	440345	439080	439124	439540	439841	440371	441234	441328	442590	441939	442506					
	442582	445538	442500	442184	443959	442816	442045	441162	440829	440381	442374	441141	441555	16.696	17.183	17.565	17.718
28	440350	439807	443205	441915	443264	443205	444117	443316	442579	442527	444737	444496					
	442802	442945	445121	443482	444645	444885	442516	441933	440557	442078	440758	441916	442798	16.700	17.159	17.566	17.742
29	440545	443591	442708	444452	445990	446206	445522	445762	448220	445043	446006	446507					
	447996	447397	445913	445441	445210	445888	446566	444225	445678	443959	442857	443066	445198	16.715	17.161	17.591	17.728
30	443130	444160	444384	446076	445659	448302	447309	448929	447251	448031	448943	447764					
	450447	447365	447420	447013	448326	446382	448592	449134	447238	446000	448969	448845	447320	16.732	17.185	17.595	17.725
31	449010	448895	448385	447303	449313	449301	450573	450827	451487	452009	449097	452593					
	451879	452336	451665	451907	449395	450568	449628	449848	448417	448369	447564	448287	449944	16.717	17.150	17.576	17.747

MONTHLY AVERAGE = 443801

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = JULY

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 AVERAGE
1	1014.57	1014.41	1014.23	1014.16	1014.39	1014.66	1015.02	1015.14	1014.80	1014.77	1014.16	1014.68	
	1014.65	1014.08	1013.73	1012.89	1011.98	1011.75	1011.97	1011.87	1012.03	1012.33	1012.61	1011.50	1013.60
2	1012.25	1012.09	1011.35	1009.84	1009.57	1008.95	1007.89	1008.11	1007.68	1007.11	1006.74	1007.32	
	1008.44	1008.20	1007.82	1007.27	1007.25	1007.33	1006.98	1006.79	1008.11	1008.16	1008.75	1009.09	1008.46
3	1009.03	1008.68	1008.66	1008.76	1009.03	1009.27	1009.40	1009.37	1009.43	1009.54	1009.42	1009.32	
	1009.02	1008.75	1008.60	1008.62	1008.76	1009.12	1009.45	1009.93	1010.20	1010.28	1010.46	1010.49	1009.32
4	1010.31	1010.20	1010.06	1010.25	1010.60	1011.01	1011.59	1011.80	1011.80	1011.94	1012.35	1012.30	
	1012.16	1012.24	1012.37	1012.18	1012.21	1012.51	1012.88	1013.19	1013.56	1013.69	1013.74	1013.77	1012.03
5	1013.65	1013.28	1013.23	1013.58	1013.87	1014.29	1014.69	1014.76	1014.64	1014.50	1014.38	1014.24	
	1014.20	1014.11	1014.00	1013.77	1013.67	1013.85	1013.94	1014.39	1014.76	1015.00	1015.11	1014.74	1014.19
6	1014.28	1014.07	1014.10	1014.16	1014.12	1014.22	1014.53	1014.75	1014.65	1014.65	1014.52	1014.52	
	1014.67	1014.75	1014.73	1014.34	1013.84	1014.02	1013.83	1014.08	1014.46	1014.62	1014.62	1014.51	1014.38
7	1014.13	1013.58	1013.33	1013.34	1013.56	1013.77	1014.06	1014.02	1013.95	1013.69	1013.54	1013.30	
	1013.01	1012.96	1012.85	1012.77	1012.74	1012.80	1013.02	1013.33	1013.52	1013.59	1013.72	1013.74	1013.43
8	1013.89	1013.93	1013.69	1013.78	1014.14	1014.48	1014.70	1014.42	1014.11	1013.78	1013.30	1013.10	
	1013.26	1013.25	1012.89	1012.41	1012.18	1012.31	1012.48	1012.93	1013.15	1013.22	1013.20	1012.78	1013.39
9	1012.38	1012.14	1012.22	1012.37	1012.42	1012.69	1012.55	1012.05	1011.63	1011.08	1011.14	1012.24	
	1012.11	1011.99	1011.70	1010.93	1010.43	1010.74	1011.06	1011.15	1010.88	1010.83	1010.73	1010.58	1011.58
10	1010.25	1010.07	1009.82	1009.59	1009.89	1010.22	1010.44	1010.44	1010.32	1010.18	1010.12	1010.10	
	1010.23	1010.50	1010.56	1010.55	1010.48	1010.71	1010.86	1011.36	1011.71	1011.85	1012.15	1012.31	1010.61
11	1012.27	1012.33	1012.47	1012.70	1012.72	1013.01	1013.35	1013.33	1013.31	1013.29	1013.16	1013.14	
	1013.19	1013.07	1012.74	1012.43	1012.37	1012.40	1012.47	1012.69	1013.12	1013.37	1013.68	1013.61	1012.93
12	1013.60	1013.58	1013.69	1013.88	1013.92	1014.00	1014.09	1013.96	1013.70	1013.41	1013.13	1012.99	
	1012.68	1012.39	1012.02	1011.60	1011.12	1011.19	1011.40	1011.74	1011.94	1012.01	1011.83	1011.53	1012.72
13	1011.40	1011.14	1010.95	1010.98	1010.95	1011.12	1011.20	1011.03	1010.76	1010.54	1010.55	1010.16	
	1010.06	1009.76	1009.28	1008.90	1009.04	1009.59	1009.70	1009.84	1009.96	1010.07	1009.76	1009.70	1010.27
14	1009.25	1008.99	1009.11	1008.97	1009.05	1008.96	1009.39	1009.94	1010.40	1011.02	1010.43	1009.37	
	1009.08	1009.42	1009.28	1009.69	1009.64	1009.97	1010.14	1010.82	1011.07	1010.64	1010.19	1010.18	1009.79
15	1010.76	1010.52	1010.09	1009.36	1009.22	1009.00	1009.29	1009.30	1009.67	1009.11	1008.95	1008.59	
	1008.53	1008.54	1008.41	1008.04	1008.25	1008.57	1008.58	1008.81	1009.44	1009.38	1009.09	1008.90	1009.10

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = JULY

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 AVERAGE
16	1008.75	1008.60	1008.82	1008.99	1009.04	1009.28	1009.49	1009.59	1009.93	1010.09	1010.14	1010.21	
	1010.34	1011.06	1010.93	1010.79	1010.81	1010.86	1010.70	1010.98	1011.04	1011.03	1011.16	1011.05	1010.15
17	1010.68	1010.46	1010.14	1010.05	1009.86	1009.98	1010.04	1010.10	1010.27	1010.06	1010.03	1009.89	
	1009.65	1009.40	1009.19	1009.10	1009.20	1008.90	1009.05	1009.12	1009.27	1009.37	1009.21	1009.08	1009.67
18	1008.80	1008.65	1008.61	1008.69	1008.89	1009.08	1009.35	1009.04	1008.85	1008.59	1008.53	1008.59	
	1008.62	1008.41	1008.42	1008.26	1008.39	1008.52	1008.96	1009.42	1009.93	1010.04	1010.00	1010.22	1008.95
19	1009.92	1009.85	1009.70	1009.79	1010.16	1010.31	1010.23	1010.43	1010.63	1011.10	1011.03	1010.83	
	1010.82	1010.88	1010.89	1011.12	1011.45	1011.79	1011.96	1012.56	1013.09	1013.27	1013.65	1013.74	1011.22
20	1013.80	1014.08	1014.30	1014.48	1014.57	1014.77	1015.20	1015.19	1015.19	1015.24	1014.98	1014.76	
	1014.61	1014.55	1014.48	1014.38	1014.29	1014.26	1014.53	1014.95	1015.46	1015.76	1015.88	1015.94	1014.82
21	1015.84	1015.90	1015.92	1015.92	1016.13	1016.31	1016.43	1016.50	1016.33	1016.16	1016.03	1015.80	
	1015.71	1015.70	1015.63	1015.48	1015.21	1015.12	1014.83	1015.11	1015.55	1015.71	1015.60	1015.27	1015.76
22	1014.80	1014.45	1014.09	1014.28	1014.22	1014.33	1014.32	1014.14	1013.67	1013.44	1013.29	1013.26	
	1013.19	1013.12	1013.12	1012.90	1012.39	1012.56	1012.51	1013.23	1013.27	1013.17	1013.14	1013.26	1013.51
23	1013.15	1012.89	1012.92	1013.27	1013.75	1013.71	1013.36	1013.51	1012.85	1012.74	1012.58	1012.39	
	1012.27	1012.55	1012.36	1011.99	1011.84	1011.76	1011.67	1011.95	1012.02	1012.01	1012.02	1011.69	1012.55
24	1011.52	1011.49	1011.15	1010.93	1010.62	1010.31	1010.21	1010.61	1010.78	1009.86	1009.26	1010.21	
	1009.98	1009.49	1008.99	1008.44	1007.59	1007.35	1008.02	1008.35	1008.79	1009.24	1008.35	1007.77	1009.55
25	1008.05	1007.85	1007.49	1007.35	1007.46	1007.85	1007.83	1007.60	1007.45	1007.27	1006.95	1006.61	
	1006.38	1006.09	1006.14	1005.91	1006.15	1005.76	1006.25	1006.93	1007.65	1007.77	1007.69	1007.67	1007.09
26	1007.58	1007.66	1007.65	1007.64	1007.77	1008.15	1008.17	1008.24	1008.21	1008.19	1007.85	1008.14	
	1008.41	1008.45	1008.55	1008.42	1008.17	1008.53	1009.04	1009.84	1010.51	1010.93	1011.20	1011.10	1008.68
27	1010.95	1010.93	1010.82	1010.87	1010.86	1010.96	1010.70	1010.42	1010.33	1010.21	1009.87	1009.67	
	1009.76	1009.71	1009.66	1009.70	1009.65	1009.88	1010.22	1010.90	1011.37	1011.33	1011.23	1011.20	1010.47
28	1011.34	1011.07	1010.94	1011.21	1011.40	1011.73	1011.91	1011.84	1011.75	1011.69	1011.64	1011.61	
	1011.45	1011.24	1011.06	1010.86	1010.77	1011.09	1011.43	1011.98	1012.35	1012.79	1012.94	1012.95	1011.63
29	1012.91	1012.83	1012.82	1012.66	1012.63	1012.49	1012.69	1012.67	1012.58	1012.42	1012.06	1011.79	
	1011.60	1011.26	1011.00	1011.76	1011.99	1011.18	1011.34	1012.09	1012.12	1011.79	1011.71	1011.39	1012.07
30	1010.89	1010.47	1010.03	1009.92	1009.81	1009.83	1009.83	1009.79	1009.59	1009.32	1008.87	1008.28	
	1007.81	1007.56	1007.86	1008.23	1009.41	1010.03	1009.12	1008.74	1009.14	1009.34	1009.42	1009.12	1009.27
31	1008.82	1008.51	1008.14	1008.18	1008.23	1008.53	1008.74	1008.76	1008.72	1008.67	1008.39	1008.23	
	1007.90	1007.91	1008.32	1008.48	1008.83	1009.00	1009.52	1009.76	1009.80	1010.03	1010.51	1010.58	1008.86

MONTHLY AVERAGE = 1011.29

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = AUGUST

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 AVERAGE
1	1010.40	1010.42	1010.66	1010.69	1010.75	1011.02	1011.52	1011.73	1012.03	1012.09	1012.05	1012.00	1011.99
2	1011.96	1012.02	1012.04	1011.99	1011.98	1012.52	1012.84	1013.02	1013.23	1013.47	1013.65	1013.71	1014.00
3	1013.65	1013.78	1013.99	1014.33	1014.82	1015.22	1015.17	1014.89	1014.60	1014.37	1014.27	1014.00	1014.09
4	1013.89	1013.76	1013.66	1013.39	1013.42	1013.48	1013.59	1014.00	1014.04	1014.26	1014.14	1013.37	1012.69
5	1013.24	1012.70	1012.69	1012.89	1013.64	1014.83	1013.79	1013.58	1012.93	1013.06	1013.24	1012.69	1012.48
6	1012.44	1011.86	1012.58	1013.07	1010.63	1009.82	1010.88	1011.78	1012.12	1012.02	1011.55	1011.38	1010.23
7	1010.69	1010.40	1010.06	1009.64	1009.95	1010.30	1010.51	1010.78	1010.47	1010.13	1009.96	1009.80	1010.23
8	1009.95	1010.04	1010.05	1009.83	1009.46	1009.52	1010.10	1010.55	1010.89	1010.93	1010.84	1010.79	1011.99
9	1010.62	1010.65	1010.81	1010.86	1011.02	1011.39	1011.69	1011.66	1011.81	1012.03	1012.30	1012.14	1011.99
10	1012.19	1012.03	1012.03	1011.96	1012.14	1012.36	1012.55	1012.98	1013.29	1013.18	1013.24	1012.81	1009.81
11	1012.22	1012.07	1012.43	1011.60	1011.38	1011.81	1012.37	1011.65	1010.54	1010.24	1010.11	1009.37	1009.81
12	1009.62	1009.29	1009.23	1009.08	1009.03	1008.58	1008.25	1008.11	1007.49	1007.44	1007.06	1006.41	1007.79
13	1005.77	1006.31	1006.44	1006.73	1006.76	1007.32	1007.87	1008.13	1008.48	1008.51	1008.11	1008.01	1007.79
14	1008.06	1008.01	1007.85	1007.84	1007.77	1007.73	1007.97	1008.58	1008.74	1008.92	1008.72	1008.24	1008.43
15	1008.11	1008.06	1007.80	1007.90	1008.17	1008.45	1008.61	1008.73	1008.81	1008.72	1008.43	1008.12	1008.43
16	1007.84	1007.78	1008.00	1007.99	1007.96	1007.95	1008.16	1008.92	1009.55	1009.39	1009.54	1009.33	1008.38
17	1008.99	1008.90	1008.65	1008.31	1008.28	1008.77	1008.97	1008.75	1009.07	1008.89	1008.53	1008.64	1008.38
18	1008.23	1008.04	1008.15	1008.09	1007.75	1007.97	1008.01	1008.10	1008.20	1008.28	1007.96	1007.72	1003.09
19	1007.26	1006.77	1006.72	1006.72	1006.53	1006.02	1005.71	1005.68	1005.16	1004.05	1003.65	1003.56	1003.09
20	1003.04	1002.19	1001.39	1000.57	999.93	999.66	1000.27	999.98	999.83	999.83	999.98	999.59	1003.09
21	999.26	998.73	998.38	997.96	998.62	998.98	999.38	999.70	1000.33	1001.12	1001.61	1002.24	1001.70
22	1002.83	1002.61	1002.73	1003.20	1003.19	1003.43	1003.59	1003.89	1004.21	1004.77	1004.94	1005.03	1001.70
23	1004.73	1005.19	1005.21	1005.32	1005.82	1006.47	1006.87	1007.06	1007.50	1008.03	1008.08	1008.01	1007.73
24	1008.14	1008.69	1008.88	1008.92	1009.01	1008.94	1008.97	1009.23	1009.12	1009.14	1009.18	1009.01	1007.73
25	1009.27	1009.46	1009.75	1010.04	1010.56	1010.93	1011.07	1011.33	1011.65	1011.84	1011.74	1011.62	1011.58
26	1011.66	1011.82	1011.72	1011.61	1011.50	1011.88	1012.30	1012.72	1013.07	1013.35	1013.57	1013.43	1011.58
27	1013.49	1013.58	1013.56	1013.65	1013.77	1013.96	1014.20	1014.29	1014.24	1014.19	1013.85	1013.67	1013.53
28	1013.32	1013.09	1013.00	1012.92	1012.83	1012.99	1013.15	1013.34	1013.45	1013.38	1013.42	1013.29	1013.53
29	1013.17	1012.90	1012.63	1012.67	1013.02	1013.17	1013.22	1013.12	1013.01	1012.96	1012.72	1012.45	1012.46
30	1012.23	1012.06	1011.87	1011.80	1011.48	1011.19	1011.59	1012.02	1012.33	1012.51	1012.54	1012.39	1012.46

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = AUGUST

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 AVERAGE
16	1012.20	1012.04	1012.00	1012.32	1012.55	1012.62	1012.65	1012.70	1012.56	1012.55	1012.18	1011.69	
	1011.43	1011.09	1010.63	1010.26	1010.23	1010.25	1010.35	1010.68	1010.87	1011.08	1011.28	1011.21	1011.56
17	1011.01	1010.84	1010.63	1010.83	1011.00	1011.13	1011.20	1011.43	1011.43	1011.26	1010.71	1010.15	
	1009.86	1009.44	1009.12	1009.05	1009.14	1009.58	1009.57	1009.73	1010.04	1010.18	1010.03	1009.93	1010.30
18	1009.68	1009.49	1009.39	1009.43	1009.78	1010.16	1010.48	1010.68	1010.74	1010.62	1010.40	1010.32	
	1010.00	1009.62	1009.62	1010.08	1010.37	1010.71	1010.90	1011.40	1011.75	1012.09	1012.16	1012.13	1010.50
19	1011.96	1012.03	1011.93	1012.07	1012.47	1012.89	1013.25	1013.31	1013.48	1013.39	1013.16	1012.90	
	1012.67	1012.43	1012.50	1012.79	1013.01	1013.94	1013.90	1014.31	1014.70	1014.68	1014.63	1014.51	1013.20
20	1014.32	1014.15	1013.88	1013.83	1014.18	1014.54	1014.84	1014.86	1014.84	1014.72	1014.28	1013.69	
	1013.21	1012.95	1012.71	1013.00	1013.60	1013.61	1013.58	1013.67	1013.89	1014.00	1013.88	1013.80	1013.92
21	1013.65	1013.57	1013.13	1013.08	1013.30	1013.28	1013.20	1013.29	1013.12	1013.12	1012.81	1012.58	
	1012.36	1012.00	1011.49	1011.46	1011.32	1011.40	1011.92	1012.35	1012.35	1012.43	1012.30	1012.19	1012.57
22	1011.92	1011.87	1011.67	1011.59	1011.66	1011.79	1011.87	1011.95	1012.06	1012.11	1012.00	1011.92	
	1011.78	1011.62	1011.58	1011.46	1011.58	1011.81	1012.22	1012.53	1012.89	1013.33	1013.51	1013.41	1012.09
23	1013.25	1013.27	1013.13	1013.13	1013.42	1013.47	1014.04	1014.27	1014.44	1014.69	1014.89	1014.84	
	1014.28	1013.66	1013.69	1014.07	1014.21	1014.25	1014.84	1015.38	1015.26	1015.26	1015.41	1015.60	1014.28
24	1015.92	1015.99	1015.88	1015.76	1015.98	1016.20	1016.58	1016.87	1016.97	1016.96	1016.84	1016.81	
	1016.51	1016.35	1016.36	1016.29	1016.33	1016.64	1017.11	1017.67	1017.53	1017.62	1017.59	1017.30	1016.67
25	1017.53	1017.55	1017.33	1017.48	1017.67	1017.89	1017.97	1018.19	1018.45	1018.58	1018.49	1019.02	
	1018.51	1017.99	1017.33	1017.29	1017.76	1018.03	1018.42	1018.25	1017.84	1017.77	1017.83	1017.65	1017.95
26	1017.48	1017.25	1017.35	1016.98	1016.76	1016.56	1016.75	1016.91	1016.83	1016.32	1015.95	1016.26	
	1015.84	1015.51	1014.97	1014.66	1014.67	1014.86	1015.24	1015.61	1015.86	1016.02	1015.72	1015.36	1016.07
27	1015.18	1015.25	1014.67	1014.47	1014.54	1014.34	1014.41	1014.46	1014.29	1014.04	1013.56	1013.17	
	1012.74	1012.36	1012.11	1011.85	1011.68	1011.92	1012.45	1013.03	1012.94	1012.71	1012.29	1011.94	1013.35
28	1011.00	1010.24	1009.92	1009.56	1011.46	1011.03	1011.89	1010.11	1008.77	1008.19	1008.15	1008.45	
	1008.37	1007.66	1007.60	1008.15	1008.15	1008.04	1007.93	1008.11	1008.01	1007.86	1007.40	1006.78	1008.87
29	1006.07	1005.57	1005.40	1005.12	1004.94	1004.19	1004.29	1005.31	1006.15	1006.67	1006.91	1007.04	
	1007.16	1007.58	1007.74	1007.90	1008.35	1008.62	1009.52	1010.19	1010.49	1010.95	1011.28	1011.03	1007.44
30	1010.93	1011.13	1010.89	1010.84	1011.14	1011.60	1011.92	1012.18	1012.26	1012.19	1011.96	1011.91	
	1011.58	1011.32	1011.22	1011.37	1011.60	1011.76	1012.06	1012.54	1012.79	1012.94	1013.13	1013.20	1011.85
31	1013.12	1013.10	1012.77	1012.67	1012.86	1013.19	1013.27	1013.50	1013.40	1013.04	1012.52	1012.04	
	1011.42	1010.88	1010.50	1010.41	1010.31	1010.75	1011.35	1011.71	1011.66	1011.58	1011.71	1011.75	1012.06

MONTHLY AVERAGE = 1011.22

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = SEPTEMBER

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 AVERAGE
1	1011.47	1011.39	1011.27	1011.30	1011.74	1011.82	1011.89	1012.22	1012.29	1012.02	1011.83	1011.72	1012.32
2	1011.59	1011.43	1011.33	1011.23	1011.90	1012.50	1012.99	1013.78	1014.25	1014.44	1014.62	1014.72	1016.09
3	1014.95	1015.28	1015.04	1015.17	1015.73	1016.01	1016.55	1016.79	1016.87	1016.73	1016.54	1016.35	1016.72
4	1016.05	1015.65	1015.67	1015.76	1015.83	1015.89	1016.20	1016.47	1016.53	1016.63	1016.78	1016.72	1016.55
5	1016.57	1016.40	1016.20	1016.06	1016.45	1016.64	1016.77	1017.05	1017.38	1017.24	1016.83	1016.39	1016.62
6	1016.06	1016.06	1016.19	1016.17	1016.05	1016.56	1016.68	1016.79	1016.60	1016.53	1016.71	1016.70	1012.69
7	1016.62	1016.23	1015.97	1015.90	1015.92	1016.16	1016.06	1016.09	1016.00	1015.47	1014.82	1014.14	1012.25
8	1013.91	1013.56	1013.26	1013.19	1013.04	1012.51	1013.57	1014.03	1013.74	1013.83	1013.52	1013.23	1011.87
9	1012.63	1012.54	1012.68	1012.39	1012.28	1012.54	1012.58	1012.81	1013.07	1013.24	1013.05	1012.89	1011.60
10	1012.83	1012.25	1012.06	1011.88	1011.96	1012.33	1012.80	1013.20	1013.29	1013.16	1013.14	1012.88	1013.32
11	1012.65	1012.38	1012.11	1012.04	1012.57	1012.59	1012.57	1012.91	1013.37	1013.20	1012.89	1012.41	1015.01
12	1011.97	1011.75	1011.59	1011.72	1011.58	1011.46	1011.83	1012.24	1012.10	1012.09	1012.02	1011.87	1012.50
13	1011.79	1011.52	1011.41	1011.27	1011.07	1011.22	1011.48	1011.48	1011.87	1011.90	1011.66	1011.38	1011.23
14	1010.92	1010.75	1010.77	1011.11	1011.14	1011.17	1011.66	1012.25	1012.51	1012.64	1012.65	1012.76	1011.93
15	1012.57	1012.55	1012.25	1012.17	1012.31	1012.71	1013.02	1013.24	1013.60	1013.71	1013.45	1013.30	1013.85
16	1013.02	1012.70	1012.69	1012.93	1013.15	1013.17	1013.77	1014.44	1014.58	1014.66	1014.82	1014.90	1012.42
17	1014.81	1014.79	1014.84	1014.87	1015.10	1015.55	1015.74	1016.08	1016.09	1016.02	1015.83	1015.44	1013.85
18	1014.90	1014.40	1014.14	1014.02	1014.24	1014.26	1014.40	1014.80	1015.00	1015.43	1014.82	1014.59	1012.50
19	1014.02	1013.54	1013.38	1013.33	1013.27	1013.02	1012.87	1013.02	1013.32	1013.28	1013.21	1012.75	1011.23
20	1012.59	1011.82	1011.39	1011.21	1010.96	1011.12	1011.74	1012.13	1011.99	1012.12	1012.02	1011.98	1011.93
21	1011.85	1011.66	1011.42	1011.28	1011.48	1011.59	1011.59	1011.71	1011.86	1011.85	1011.41	1010.91	1013.85
22	1010.66	1010.39	1010.24	1010.14	1010.15	1010.39	1010.97	1011.43	1011.36	1011.69	1011.70	1011.73	1012.42
23	1011.68	1011.54	1011.63	1011.50	1011.66	1011.90	1012.09	1012.06	1012.17	1011.98	1011.54	1011.21	1010.42
24	1011.15	1011.03	1011.14	1010.94	1011.63	1012.20	1012.60	1012.63	1012.64	1012.91	1013.15	1013.24	1010.42
25	1013.19	1013.13	1013.04	1013.09	1013.11	1013.31	1013.57	1014.26	1014.44	1014.39	1013.86	1013.44	1010.42
26	1013.65	1013.85	1013.88	1013.85	1013.61	1014.01	1014.52	1014.60	1014.51	1014.46	1014.43	1014.26	1010.42
27	1014.01	1013.65	1013.33	1013.19	1013.22	1013.29	1013.48	1013.79	1013.60	1013.31	1012.87	1012.27	1010.42
28	1011.74	1011.17	1010.87	1010.78	1010.92	1011.11	1011.47	1011.77	1012.13	1012.21	1012.12	1011.88	1010.42
29	1011.64	1011.33	1011.02	1010.75	1010.71	1010.78	1010.86	1010.91	1010.78	1010.44	1010.11	1009.92	1010.42
30	1009.52	1009.23	1008.94	1008.88	1009.09	1009.44	1010.14	1010.58	1010.87	1011.29	1011.34	1011.50	1010.42

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = SEPTEMBER

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 AVERAGE
16	1011.65	1011.56	1011.73	1011.92	1012.02	1012.63	1012.96	1013.49	1013.74	1013.75	1013.46	1013.15	
	1012.96	1013.02	1013.13	1013.23	1013.34	1013.78	1014.38	1014.78	1014.84	1014.90	1014.88	1014.84	1013.34
17	1014.58	1014.39	1014.33	1014.08	1014.02	1014.26	1014.52	1014.89	1015.54	1015.82	1015.49	1015.25	
	1014.89	1014.43	1014.10	1013.85	1013.86	1014.05	1014.54	1014.92	1015.13	1015.19	1015.03	1015.03	1014.67
18	1015.01	1014.79	1014.54	1014.70	1014.96	1015.35	1015.73	1016.31	1016.47	1016.23	1015.75	1015.28	
	1014.76	1014.59	1014.79	1015.08	1015.33	1015.50	1016.00	1016.27	1016.28	1016.25	1016.09	1016.01	1015.50
19	1016.04	1016.26	1016.17	1016.20	1016.25	1016.56	1017.05	1017.43	1017.69	1017.58	1017.09	1016.65	
	1016.35	1016.40	1016.34	1016.44	1016.37	1016.63	1017.00	1017.23	1017.42	1017.74	1017.41	1017.33	1016.82
20	1017.24	1016.74	1016.61	1016.31	1016.22	1016.55	1016.50	1016.81	1017.04	1016.93	1016.75	1016.49	
	1016.08	1015.63	1015.22	1014.97	1014.87	1014.90	1015.17	1015.15	1015.30	1015.54	1015.44	1014.97	1015.98
21	1014.46	1014.07	1013.59	1013.47	1013.31	1013.26	1013.40	1013.87	1013.55	1013.04	1012.70	1012.13	
	1011.67	1011.47	1011.03	1010.45	1010.27	1009.79	1009.88	1009.26	1009.05	1009.35	1008.60	1007.46	1011.63
22	1006.66	1006.04	1005.68	1004.90	1004.98	1004.28	1004.35	1004.48	1004.52	1003.91	1003.13	1002.25	
	1002.22	1002.08	1001.92	1001.12	1000.64	1000.53	1000.94	1000.98	1001.03	1000.67	1000.64	1000.60	1002.85
23	1000.14	999.20	998.27	997.94	997.83	997.65	997.75	998.21	998.67	998.77	998.75	998.46	
	998.06	997.76	997.38	997.44	997.62	997.71	998.03	998.23	998.33	997.99	997.61	997.48	998.14
24	997.48	997.61	997.77	998.01	998.38	998.71	999.78	1000.46	1001.33	1001.88	1002.28	1002.66	
	1002.95	1003.30	1003.84	1004.40	1004.85	1005.48	1006.29	1006.90	1007.06	1006.97	1007.08	1007.03	1002.60
25	1006.85	1006.66	1006.54	1006.45	1006.52	1006.69	1006.87	1007.25	1007.51	1007.43	1007.09	1007.13	
	1007.23	1007.08	1006.88	1006.75	1006.69	1006.88	1007.23	1007.44	1007.72	1007.79	1007.59	1007.66	1007.08
26	1007.44	1007.20	1006.99	1007.27	1007.52	1007.66	1008.25	1008.98	1009.07	1009.04	1008.98	1008.89	
	1008.92	1008.85	1008.97	1009.17	1009.75	1010.10	1010.73	1011.29	1011.58	1011.73	1011.73	1011.62	1009.24
27	1011.65	1011.61	1011.77	1011.88	1012.14	1012.48	1012.68	1012.87	1012.94	1012.80	1012.75	1012.52	
	1012.05	1011.82	1011.77	1011.87	1012.02	1012.35	1013.02	1013.44	1013.81	1014.30	1014.18	1014.12	1012.62
28	1014.04	1014.02	1014.01	1014.08	1014.32	1014.80	1015.27	1015.64	1015.76	1015.80	1015.74	1015.55	
	1015.27	1014.94	1014.90	1015.16	1015.74	1016.41	1017.18	1017.63	1017.99	1018.20	1018.26	1018.43	1015.80
29	1018.59	1018.48	1018.35	1018.48	1018.61	1018.99	1019.39	1019.64	1019.66	1019.66	1019.54	1019.32	
	1019.14	1018.90	1019.02	1019.16	1019.39	1019.83	1020.47	1020.94	1021.02	1020.92	1020.83	1020.86	1019.55
30	1020.73	1020.59	1020.43	1020.44	1020.81	1020.94	1021.08	1021.28	1021.18	1020.75	1020.41	1019.87	
	1019.52	1019.14	1018.97	1019.01	1019.18	1019.40	1019.82	1020.48	1020.63	1020.56	1020.64	1020.74	1020.27

MONTHLY AVERAGE = 1012.42

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = OCTOBER

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 AVERAGE
1	1020.74	1020.66	1020.58	1020.60	1020.62	1020.77	1021.05	1021.42	1021.70	1021.54	1021.05	1020.42	1020.60
	1020.04	1019.77	1019.63	1019.62	1019.43	1019.71	1020.13	1020.38	1020.82	1021.08	1021.31	1021.42	
2	1021.52	1021.55	1021.62	1021.79	1021.96	1022.14	1022.57	1023.14	1023.43	1023.38	1023.19	1022.64	1022.66
	1022.42	1022.22	1021.94	1021.73	1021.99	1022.39	1022.95	1023.41	1023.77	1024.09	1024.05	1023.95	
3	1023.83	1023.54	1023.39	1023.16	1023.21	1023.24	1023.58	1024.03	1024.34	1024.24	1023.80	1023.34	1022.54
	1022.75	1022.18	1021.62	1021.32	1021.30	1021.22	1021.28	1021.33	1021.36	1021.41	1020.99	1020.55	
4	1020.14	1019.90	1019.70	1019.41	1019.58	1019.53	1019.65	1020.12	1020.28	1020.17	1019.81	1019.45	1019.02
	1018.97	1018.48	1018.11	1017.94	1017.95	1018.22	1018.40	1018.42	1018.34	1018.19	1017.94	1017.68	
5	1017.63	1017.37	1017.15	1016.87	1016.74	1016.68	1016.89	1016.87	1016.85	1016.74	1016.44	1015.62	1015.38
	1014.90	1014.28	1013.82	1013.63	1013.71	1013.90	1014.05	1014.23	1014.27	1013.91	1013.48	1013.09	
6	1012.63	1012.20	1011.90	1011.40	1011.00	1010.78	1010.98	1010.90	1010.51	1009.75	1009.28	1008.48	1008.61
	1007.77	1007.30	1007.07	1006.53	1006.50	1006.51	1006.64	1006.27	1005.71	1005.98	1005.38	1005.24	
7	1005.06	1004.34	1004.61	1004.83	1005.07	1005.34	1006.06	1006.77	1007.25	1007.52	1007.80	1007.64	1007.88
	1007.55	1007.66	1008.03	1008.45	1008.66	1009.28	1010.18	1010.91	1011.28	1011.50	1011.54	1011.72	
8	1011.56	1011.44	1011.28	1011.33	1011.37	1011.38	1011.60	1012.05	1012.15	1011.88	1011.70	1011.28	1011.61
	1011.09	1011.12	1010.94	1010.92	1011.29	1011.79	1011.91	1011.91	1012.16	1012.18	1012.26	1012.14	
9	1012.01	1011.75	1011.55	1011.44	1011.58	1011.65	1011.66	1011.52	1011.02	1010.67	1010.65	1010.20	1009.87
	1010.12	1009.72	1009.42	1008.98	1009.00	1008.91	1008.63	1008.12	1007.69	1007.19	1006.69	1006.60	
10	1006.18	1005.40	1005.34	1005.31	1005.21	1004.49	1004.21	1003.89	1003.86	1004.88	1004.87	1004.61	1004.51
	1004.00	1003.78	1003.55	1003.72	1004.37	1004.92	1004.67	1004.53	1004.74	1004.13	1003.89	1003.59	
11	1003.09	1002.53	1001.77	1002.50	1002.13	1001.62	1002.32	1002.64	1002.41	1002.83	1002.81	1002.94	1002.43
	1002.77	1002.80	1002.67	1002.67	1002.76	1002.70	1002.69	1002.56	1002.37	1001.99	1001.47	1001.28	
12	1001.08	1000.96	1000.63	1000.45	1000.43	1000.24	1000.27	1000.47	1000.73	1000.74	1000.66	1000.53	1001.48
	1000.81	1001.19	1001.50	1001.78	1001.87	1002.43	1002.73	1003.10	1003.19	1003.30	1003.17	1003.34	
13	1003.61	1003.45	1003.60	1003.89	1004.21	1004.68	1005.15	1005.50	1005.74	1005.96	1006.03	1005.90	1006.63
	1005.82	1005.98	1006.33	1006.75	1007.38	1008.18	1009.00	1009.74	1010.06	1010.34	1010.60	1011.30	
14	1011.67	1011.78	1011.84	1012.23	1012.86	1013.13	1013.57	1014.49	1014.56	1014.75	1014.72	1014.15	1014.43
	1014.05	1014.16	1014.34	1014.76	1015.22	1015.74	1015.99	1016.12	1016.25	1016.55	1016.52	1016.75	
15	1016.88	1016.82	1016.84	1016.90	1016.88	1016.98	1017.68	1018.29	1018.44	1018.40	1018.36	1018.01	1017.63
	1017.53	1017.35	1017.39	1017.47	1017.73	1017.91	1017.88	1017.87	1017.92	1018.04	1017.76	1017.71	



PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = OCTOBER

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 AVERAGE
16	1017.62	1017.45	1017.22	1017.12	1016.88	1016.86	1017.25	1017.42	1017.31	1017.24	1016.82	1016.21	
	1015.46	1014.94	1014.80	1014.75	1014.81	1014.83	1014.92	1014.85	1014.70	1014.20	1013.73	1013.27	1015.86
17	1013.08	1012.28	1012.02	1011.59	1011.26	1011.04	1011.22	1011.46	1011.50	1011.32	1010.87	1010.26	
	1009.68	1009.08	1008.74	1008.37	1008.37	1008.17	1007.76	1007.92	1008.63	1008.63	1008.63	1008.94	1010.03
18	1009.21	1009.13	1009.63	1010.63	1011.04	1011.69	1012.65	1013.45	1014.07	1014.60	1015.04	1014.69	
	1014.26	1014.54	1014.69	1014.82	1015.22	1015.51	1015.79	1016.10	1016.42	1016.42	1016.15	1016.11	1013.83
19	1016.03	1015.79	1015.54	1015.59	1015.57	1015.56	1015.84	1016.24	1016.31	1016.40	1016.23	1016.00	
	1015.87	1016.05	1016.28	1016.46	1016.94	1017.42	1017.81	1018.19	1018.87	1019.17	1019.16	1019.23	1016.77
20	1019.19	1018.96	1019.01	1019.18	1019.45	1019.54	1019.99	1020.22	1020.48	1020.73	1020.42	1019.97	
	1019.78	1019.66	1019.59	1019.32	1019.42	1019.83	1019.80	1019.97	1020.23	1020.13	1019.97	1019.83	1019.78
21	1019.77	1019.43	1018.96	1018.71	1018.39	1018.37	1018.47	1018.65	1018.23	1017.88	1017.73	1016.93	
	1015.71	1015.66	1015.40	1014.86	1014.84	1014.97	1014.66	1014.59	1014.47	1014.11	1013.25	1011.44	1016.48
22	1011.40	1010.81	1010.27	1009.19	1008.80	1008.40	1008.16	1008.30	1008.58	1009.01	1008.88	1008.39	
	1008.03	1007.94	1008.03	1008.23	1008.59	1009.04	1009.64	1009.62	1010.14	1010.15	1010.00	1010.21	1009.16
23	1010.38	1010.18	1009.79	1009.84	1009.85	1009.91	1010.30	1010.74	1010.87	1011.01	1010.95	1010.47	
	1009.99	1009.75	1009.63	1009.60	1009.79	1010.14	1010.29	1010.31	1010.51	1010.55	1010.16	1010.16	1010.21
24	1010.23	1009.94	1009.81	1010.10	1010.15	1010.60	1011.58	1012.38	1012.87	1013.27	1013.50	1013.24	
	1013.36	1013.54	1014.06	1014.31	1014.87	1015.73	1016.15	1016.42	1016.38	1016.43	1016.59	1016.69	1013.43
25	1016.74	1016.67	1016.61	1016.87	1016.78	1016.86	1017.33	1017.84	1018.19	1018.22	1018.14	1017.96	
	1017.90	1017.95	1017.90	1018.39	1018.89	1019.12	1019.43	1019.38	1019.63	1019.50	1019.41	1019.59	1018.14
26	1019.64	1019.68	1019.37	1019.20	1019.36	1019.37	1020.02	1020.52	1020.78	1021.07	1021.04	1020.73	
	1020.35	1020.10	1020.18	1020.37	1020.58	1020.94	1021.09	1021.50	1021.70	1021.78	1021.58	1021.63	1020.53
27	1021.72	1021.90	1022.12	1022.15	1022.29	1022.29	1022.90	1023.64	1023.55	1023.38	1022.79	1022.60	
	1022.67	1022.15	1021.84	1021.79	1022.17	1022.55	1022.55	1022.23	1022.03	1021.79	1021.79	1021.40	1022.34
28	1021.19	1020.56	1020.37	1019.96	1019.72	1019.60	1019.62	1020.09	1019.96	1020.06	1019.61	1019.19	
	1019.00	1019.04	1019.28	1019.51	1019.84	1020.65	1021.20	1021.30	1021.52	1021.58	1021.61	1021.72	1020.26
29	1021.61	1021.62	1021.68	1021.83	1022.15	1022.53	1023.24	1023.86	1024.18	1024.19	1024.21	1023.71	
	1023.25	1023.01	1022.96	1022.89	1022.88	1023.04	1023.17	1023.18	1023.33	1023.25	1023.10	1022.91	1022.99
30	1022.53	1022.09	1021.62	1021.50	1021.35	1021.06	1021.15	1021.12	1021.08	1020.75	1020.20	1019.28	
	1018.76	1018.39	1018.03	1017.78	1017.64	1017.70	1017.56	1017.30	1017.19	1017.32	1017.00	1016.81	1019.38
31	1016.23	1016.25	1016.08	1015.90	1015.80	1015.53	1015.98	1016.37	1016.38	1016.27	1016.29	1015.91	
	1015.60	1015.24	1015.36	1015.44	1015.93	1016.36	1016.43	1016.67	1016.99	1017.04	1016.84	1016.73	1016.15

MONTHLY AVERAGE = 1014.53

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = NOVEMBER

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 AVERAGE
1	1016.56	1016.34	1016.18	1016.32	1016.68	1017.32	1018.04	1018.80	1019.04	1019.54	1019.88	1019.51	1018.86
2	1021.01	1020.81	1020.24	1020.19	1019.93	1019.39	1019.68	1020.53	1019.92	1019.55	1019.37	1018.38	1018.24
3	1014.51	1014.18	1013.51	1012.89	1012.48	1012.21	1012.28	1012.49	1012.53	1012.48	1012.28	1011.70	1011.31
4	1007.49	1006.91	1006.49	1006.10	1005.89	1006.06	1006.20	1006.37	1006.31	1006.45	1006.19	1005.77	1007.05
5	1009.36	1009.32	1009.46	1009.75	1010.06	1010.21	1010.91	1011.48	1011.68	1011.68	1011.50	1010.98	1011.66
6	1015.48	1015.48	1015.31	1015.34	1015.45	1015.72	1016.40	1017.00	1016.85	1016.76	1016.36	1015.75	1015.37
7	1013.23	1012.88	1012.25	1011.64	1011.18	1010.70	1010.36	1010.14	1010.15	1009.61	1008.94	1008.16	1008.88
8	1004.36	1003.88	1003.22	1002.90	1002.72	1002.47	1003.09	1003.78	1004.43	1004.87	1005.06	1005.01	1005.77
9	1009.05	1008.80	1008.52	1008.51	1008.28	1007.98	1007.89	1007.86	1007.76	1007.57	1006.87	1005.99	1005.86
10	1003.17	1003.35	1003.35	1003.49	1003.75	1004.04	1004.49	1005.47	1006.08	1006.45	1006.37	1006.03	1006.75
11	1012.03	1012.39	1012.38	1012.33	1012.31	1012.45	1012.88	1013.28	1013.62	1013.56	1013.29	1012.40	1012.60
12	1013.29	1013.54	1013.58	1013.44	1013.69	1013.89	1014.48	1014.95	1015.21	1015.52	1015.45	1015.26	1014.76
13	1014.39	1014.38	1013.83	1013.64	1013.41	1013.40	1013.68	1013.66	1013.43	1013.55	1012.86	1012.17	1012.23
14	1009.51	1009.22	1008.48	1007.87	1007.43	1006.83	1006.67	1006.83	1006.80	1006.26	1005.24	1004.72	1005.73
15	1004.41	1004.20	1003.44	1003.08	1003.02	1003.35	1003.73	1004.38	1004.53	1004.80	1004.74	1004.50	1003.71

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = NOVEMBER

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 AVERAGE
16	1004.00	1003.95	1003.74	1003.64	1003.51	1003.77	1004.24	1004.35	1004.53	1004.69	1004.68	1004.43	
	1004.38	1005.15	1005.72	1006.23	1007.07	1008.52	1009.55	1010.39	1010.88	1011.49	1011.96	1012.17	1006.38
17	1012.30	1012.27	1012.35	1012.46	1012.77	1013.20	1013.84	1014.59	1015.26	1015.56	1015.01	1015.04	
	1014.87	1014.76	1014.45	1014.04	1013.46	1012.93	1012.32	1012.20	1011.94	1011.81	1012.23	1012.28	1013.41
18	1011.88	1011.30	1010.58	1010.13	1010.41	1010.33	1010.24	1010.14	1009.72	1009.26	1007.92	1006.73	
	1006.64	1006.70	1007.21	1007.72	1007.68	1008.23	1008.81	1009.27	1009.53	1009.20	1009.31	1010.39	1009.14
19	1011.11	1011.48	1011.97	1012.39	1012.90	1013.19	1013.66	1014.26	1014.55	1014.85	1014.80	1014.64	
	1014.58	1014.53	1014.58	1014.68	1014.93	1015.34	1015.71	1015.95	1016.25	1016.55	1016.79	1016.71	1014.43
20	1016.74	1016.79	1016.66	1016.67	1016.76	1016.82	1017.22	1017.57	1017.56	1017.74	1017.43	1016.70	
	1016.17	1015.83	1015.61	1015.39	1015.34	1015.28	1014.97	1014.85	1014.54	1013.55	1012.60	1012.06	1015.87
21	1011.58	1011.24	1010.43	1009.44	1009.03	1008.57	1008.48	1008.42	1008.51	1008.20	1007.52	1006.65	
	1005.67	1005.22	1005.23	1005.05	1004.90	1004.96	1004.74	1004.69	1004.50	1004.42	1003.95	1003.43	1006.87
22	1002.91	1002.75	1002.14	1001.78	1001.33	1001.40	1002.47	1003.42	1003.94	1004.07	1004.34	1004.64	
	1004.86	1005.44	1006.31	1006.69	1007.38	1008.07	1008.62	1009.15	1010.01	1010.45	1010.87	1011.21	1005.59
23	1011.53	1012.21	1012.37	1012.60	1013.02	1013.59	1014.44	1015.12	1015.72	1016.60	1016.45	1016.10	
	1015.91	1015.94	1016.07	1016.41	1016.90	1017.13	1017.24	1017.21	1017.44	1017.43	1017.28	1017.05	1015.49
24	1016.58	1016.14	1015.88	1015.53	1015.14	1014.61	1014.59	1014.37	1014.38	1014.59	1013.92	1013.18	
	1012.68	1012.16	1011.78	1011.57	1011.30	1011.18	1011.17	1010.97	1011.08	1011.05	1011.02	1010.81	1013.15
25	1010.66	1010.31	1010.22	1009.99	1009.21	1008.95	1009.33	1009.59	1009.75	1009.41	1008.75	1008.31	
	1007.94	1007.63	1007.48	1007.24	1007.07	1006.45	1006.04	1006.05	1006.62	1006.64	1006.45	1006.79	1008.20
26	1007.31	1007.51	1007.21	1006.44	1005.96	1005.42	1005.30	1005.34	1005.71	1006.21	1005.96	1005.91	
	1005.71	1005.35	1005.06	1004.83	1004.96	1005.38	1005.46	1006.53	1007.03	1007.79	1007.53	1007.48	1006.14
27	1007.10	1007.25	1007.17	1007.19	1007.24	1007.45	1008.10	1008.71	1009.23	1009.59	1009.55	1009.41	
	1009.35	1009.49	1009.86	1010.47	1011.06	1011.77	1012.28	1012.71	1013.12	1013.30	1013.58	1013.75	1009.95
28	1014.02	1014.29	1014.31	1014.54	1014.82	1015.22	1015.78	1016.50	1017.03	1017.60	1017.38	1017.10	
	1016.67	1016.45	1016.54	1016.78	1017.11	1017.48	1017.71	1017.90	1018.05	1017.94	1017.98	1017.83	1016.54
29	1017.74	1017.51	1017.04	1016.52	1016.43	1016.23	1016.31	1016.63	1016.44	1016.31	1015.49	1014.82	
	1014.31	1014.00	1014.03	1014.16	1014.35	1014.59	1014.69	1014.61	1014.78	1014.55	1014.32	1013.85	1015.40
30	1013.87	1013.72	1013.52	1013.26	1012.95	1012.66	1012.34	1013.29	1013.29	1013.72	1013.18	1012.75	
	1012.54	1012.37	1012.52	1012.60	1012.80	1013.15	1013.32	1013.53	1013.50	1013.45	1013.22	1013.07	1013.11

MONTHLY AVERAGE = 1010.94

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = DECEMBER

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 AVERAGE
1	1012.96	1012.85	1012.11	1011.51	1011.07	1010.97	1011.01	1011.02	1010.87	1010.51	1009.83	1008.69	1008.63
	1007.64	1006.95	1006.59	1006.40	1006.29	1006.37	1006.27	1006.04	1005.74	1005.50	1005.33	1004.73	
2	1004.23	1003.92	1003.41	1003.15	1003.02	1002.78	1002.81	1002.80	1002.99	1002.53	1001.19	1000.50	1000.39
	999.68	999.41	999.37	999.06	998.89	998.28	998.09	997.53	996.93	996.39	996.36	996.06	
3	997.04	997.93	997.73	997.32	997.23	998.13	999.28	1000.22	1000.50	1000.77	1000.47	999.98	999.52
	999.47	999.11	999.85	1000.80	1000.56	1000.34	1000.57	1000.62	1000.44	1000.22	1000.09	999.81	
4	999.51	999.51	998.97	998.45	998.23	998.24	998.44	998.67	999.06	999.45	999.13	998.83	999.48
	998.66	998.63	998.81	999.28	999.78	1000.32	1000.33	1000.90	1001.07	1001.17	1001.35	1000.79	
5	1000.48	1000.48	1000.16	999.92	999.90	999.79	999.87	1000.09	1000.37	1000.33	999.84	999.47	1000.26
	999.03	998.89	999.19	999.85	1000.29	1000.59	1000.91	1001.10	1001.33	1001.39	1001.53	1001.45	
6	1001.28	1001.49	1001.65	1001.50	1001.48	1001.73	1001.88	1002.23	1002.72	1002.94	1002.73	1002.24	1001.94
	1001.90	1001.87	1001.68	1001.68	1001.73	1001.74	1001.92	1002.22	1002.04	1002.04	1001.99	1001.77	
7	1001.52	1001.31	1000.95	1000.97	1000.78	1000.75	1000.99	1001.27	1001.70	1002.22	1002.33	1002.38	1002.86
	1002.38	1002.60	1003.09	1003.47	1003.86	1004.11	1004.43	1004.78	1005.25	1005.67	1005.88	1005.85	
8	1005.99	1006.12	1006.35	1006.56	1006.69	1007.10	1007.53	1008.18	1008.60	1009.01	1009.00	1008.88	1008.96
	1008.89	1009.03	1009.22	1009.35	1009.60	1010.08	1010.67	1011.01	1011.39	1011.83	1012.04	1011.99	
9	1011.99	1012.21	1012.25	1012.32	1012.35	1012.46	1012.94	1013.60	1014.04	1014.32	1014.19	1014.05	1014.21
	1014.06	1014.13	1014.38	1014.49	1014.56	1015.01	1015.41	1015.81	1016.15	1016.59	1016.82	1017.01	
10	1017.11	1017.14	1017.10	1017.10	1017.48	1017.54	1018.15	1018.87	1019.53	1019.86	1019.89	1019.49	1019.01
	1019.13	1019.05	1019.09	1019.22	1019.45	1019.78	1019.92	1020.17	1020.20	1020.32	1020.43	1020.19	
11	1020.06	1020.13	1020.03	1019.78	1019.84	1019.99	1020.05	1020.60	1020.83	1021.05	1020.75	1020.35	1020.51
	1019.98	1019.72	1019.82	1019.97	1020.33	1020.70	1021.00	1021.23	1021.47	1021.75	1021.63	1021.24	
12	1021.23	1021.14	1020.90	1020.76	1020.69	1020.92	1021.38	1021.83	1022.03	1021.94	1021.39	1020.76	1020.60
	1020.51	1020.13	1020.19	1020.14	1020.33	1020.48	1020.37	1020.19	1020.10	1019.67	1019.06	1018.32	
13	1018.09	1018.08	1018.14	1018.12	1018.11	1018.49	1018.29	1019.04	1019.72	1020.21	1020.13	1019.85	1019.72
	1019.51	1019.53	1019.87	1020.05	1020.30	1020.54	1020.62	1020.97	1021.20	1021.31	1021.57	1021.50	
14	1021.46	1021.42	1021.40	1021.21	1020.98	1021.08	1021.20	1021.67	1022.18	1022.20	1021.51	1020.96	1020.85
	1020.46	1020.00	1019.99	1020.02	1020.08	1020.14	1020.24	1020.45	1020.60	1020.76	1020.45	1020.00	
15	1019.98	1019.98	1019.79	1019.52	1019.07	1019.02	1018.95	1018.96	1019.09	1018.89	1018.30	1017.41	1017.90
	1016.63	1016.25	1016.30	1016.48	1016.79	1016.82	1016.70	1016.62	1016.78	1016.94	1017.15	1017.20	

PRESSURE IN HECTOPASCAL

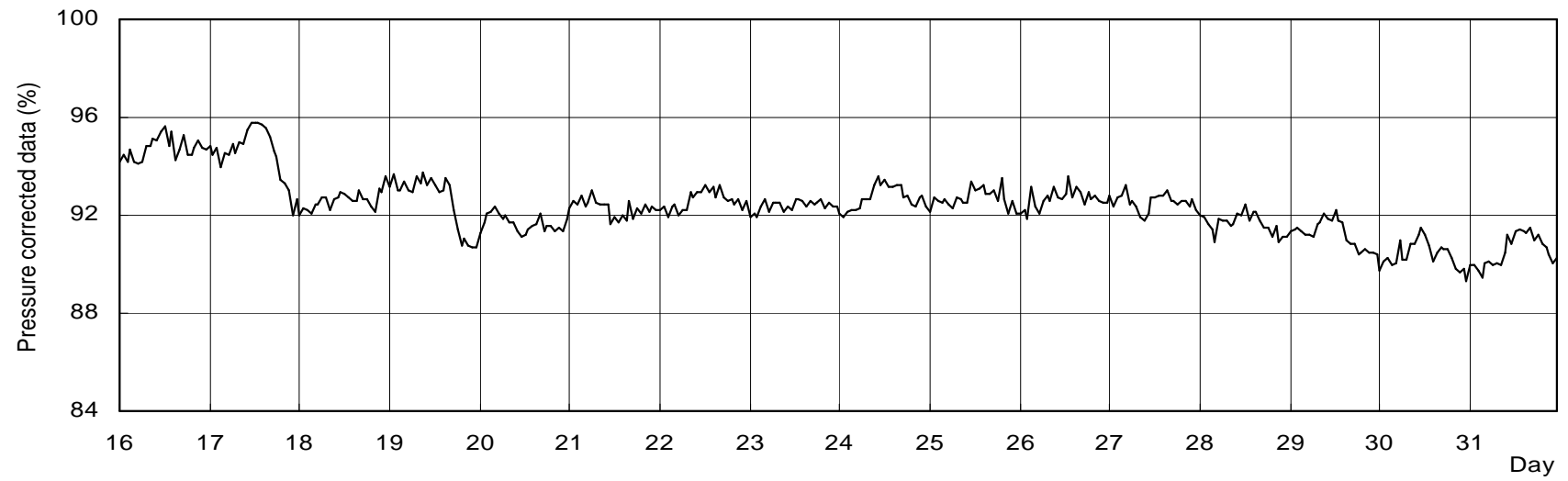
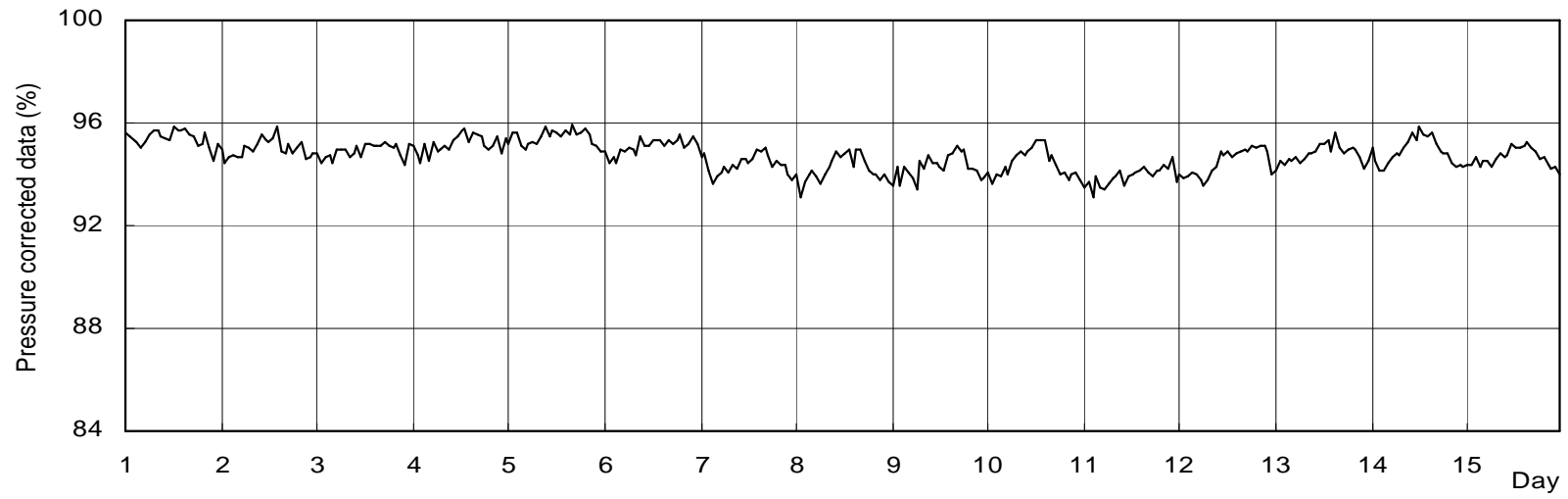
YEAR = 2002

MONTH = DECEMBER

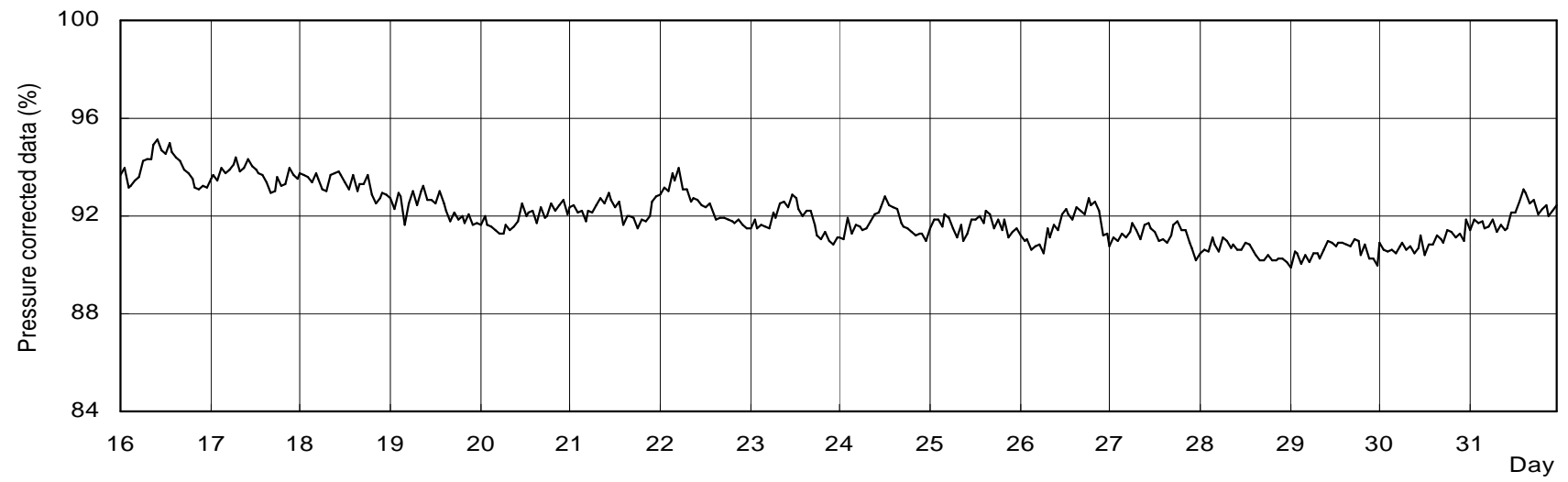
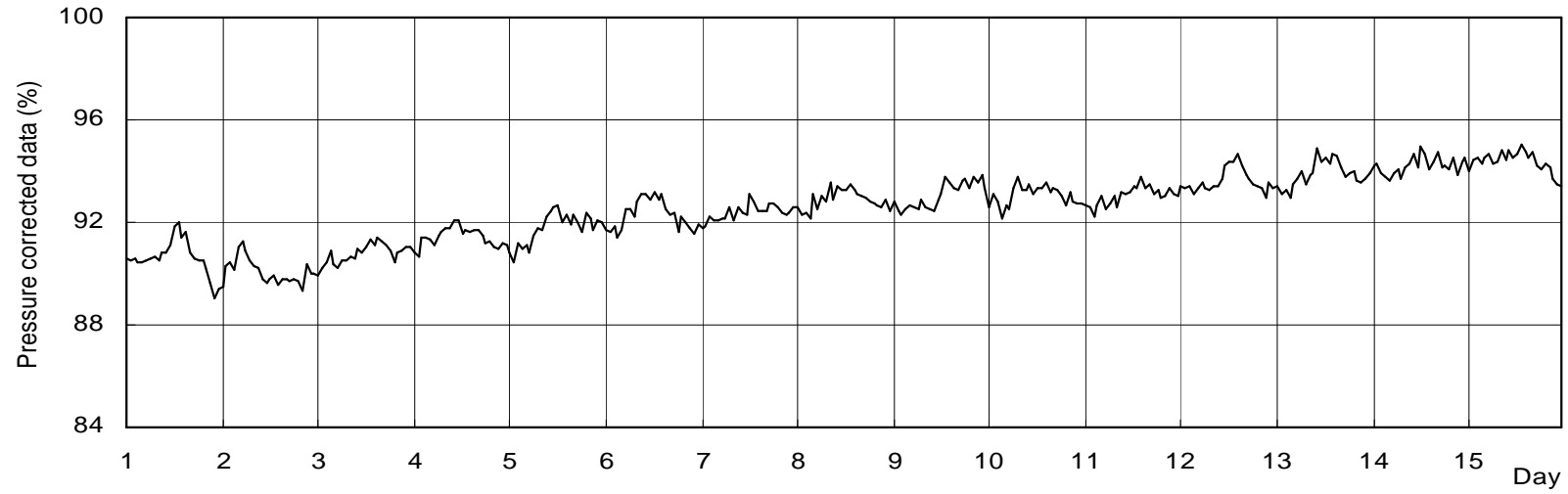
UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVERAGE
16	1017.38	1017.79	1017.84	1018.21	1018.60	1018.98	1019.43	1019.68	1020.12	1020.41	1020.36	1020.31	
	1020.17	1020.08	1020.32	1020.29	1020.28	1020.38	1020.72	1020.71	1020.96	1020.75	1020.76	1020.46	1019.79
17	1020.16	1020.03	1020.00	1019.73	1019.64	1019.22	1019.20	1019.46	1019.70	1019.79	1019.34	1018.29	
	1017.71	1017.18	1017.11	1016.94	1016.78	1016.87	1016.97	1016.88	1016.57	1016.40	1016.18	1015.34	1018.15
18	1014.97	1014.63	1014.33	1013.62	1012.74	1012.53	1012.22	1012.16	1012.09	1012.07	1011.46	1011.03	
	1010.98	1010.90	1011.27	1011.68	1011.85	1012.42	1013.27	1014.05	1014.85	1015.76	1016.55	1016.85	1013.10
19	1017.00	1017.60	1017.82	1018.12	1018.63	1019.34	1019.98	1020.84	1021.61	1022.22	1021.99	1021.62	
	1021.34	1021.35	1021.65	1022.08	1022.50	1023.04	1023.62	1024.25	1024.90	1025.11	1025.24	1025.28	1021.55
20	1025.31	1025.38	1025.08	1025.07	1025.27	1025.18	1025.39	1025.69	1025.99	1026.01	1025.50	1024.82	
	1024.06	1023.64	1023.52	1023.48	1023.45	1023.48	1023.73	1023.92	1023.94	1024.00	1023.98	1023.91	1024.58
21	1023.87	1023.75	1023.32	1022.72	1022.57	1022.53	1022.76	1023.29	1023.76	1023.94	1023.26	1022.52	
	1022.01	1021.55	1021.48	1021.23	1021.07	1021.26	1021.08	1021.16	1021.25	1021.18	1020.96	1020.50	1022.21
22	1020.24	1020.41	1020.27	1019.97	1019.77	1020.16	1020.50	1021.06	1021.65	1021.74	1021.42	1020.97	
	1020.49	1020.15	1020.10	1020.05	1020.00	1020.35	1020.33	1020.19	1020.12	1019.99	1019.90	1019.53	1020.39
23	1019.00	1018.73	1018.27	1017.42	1016.82	1016.71	1016.86	1016.64	1016.85	1016.97	1016.61	1016.26	
	1015.95	1015.88	1016.05	1016.16	1016.46	1016.69	1017.00	1017.26	1017.29	1017.35	1017.17	1016.85	1016.97
24	1016.64	1016.91	1016.70	1016.46	1016.20	1015.91	1015.84	1015.95	1016.03	1015.92	1015.73	1015.21	
	1014.47	1014.18	1014.23	1014.13	1014.11	1014.23	1014.59	1014.50	1014.32	1014.11	1013.98	1013.58	1015.16
25	1013.09	1012.94	1012.91	1012.73	1012.45	1012.25	1012.22	1012.62	1013.14	1013.48	1013.30	1012.81	
	1012.38	1012.02	1012.36	1012.50	1012.81	1013.06	1013.30	1013.51	1013.91	1014.11	1014.05	1013.77	1012.99
26	1013.75	1013.97	1014.22	1014.64	1014.71	1015.05	1015.55	1016.26	1016.58	1016.74	1016.71	1016.24	
	1015.79	1015.81	1016.25	1016.67	1016.84	1016.96	1016.87	1017.30	1017.72	1017.82	1017.77	1017.82	1016.17
27	1017.90	1017.73	1017.24	1016.88	1016.67	1016.76	1016.96	1017.10	1017.14	1016.83	1016.07	1015.01	
	1014.28	1013.49	1013.33	1013.36	1013.17	1012.45	1011.98	1011.73	1011.12	1010.41	1009.85	1008.81	1014.43
28	1008.24	1007.31	1006.16	1005.34	1004.52	1004.05	1003.90	1003.68	1003.42	1003.18	1003.00	1002.51	
	1001.86	1001.54	1001.24	1001.64	1002.07	1002.28	1002.34	1002.60	1002.79	1003.14	1003.38	1003.54	1003.49
29	1003.95	1003.86	1004.06	1004.28	1004.75	1005.37	1006.13	1007.11	1008.16	1008.88	1008.76	1008.26	
	1008.11	1008.64	1009.31	1010.02	1010.70	1011.43	1012.23	1012.63	1012.87	1013.44	1014.12	1014.04	1008.80
30	1014.21	1014.14	1014.02	1013.69	1013.59	1013.82	1014.03	1014.30	1014.48	1014.78	1013.99	1013.42	
	1013.33	1013.41	1013.40	1013.07	1012.86	1012.68	1012.54	1012.27	1011.87	1011.24	1010.42	1009.49	1013.13
31	1008.52	1007.81	1006.66	1005.67	1004.47	1003.68	1002.80	1002.57	1002.14	1001.69	1000.58	999.25	
	998.11	997.45	997.32	997.13	997.05	997.31	998.07	998.93	999.54	1000.04	1000.50	1000.93	1001.18

MONTHLY AVERAGE = 1012.80

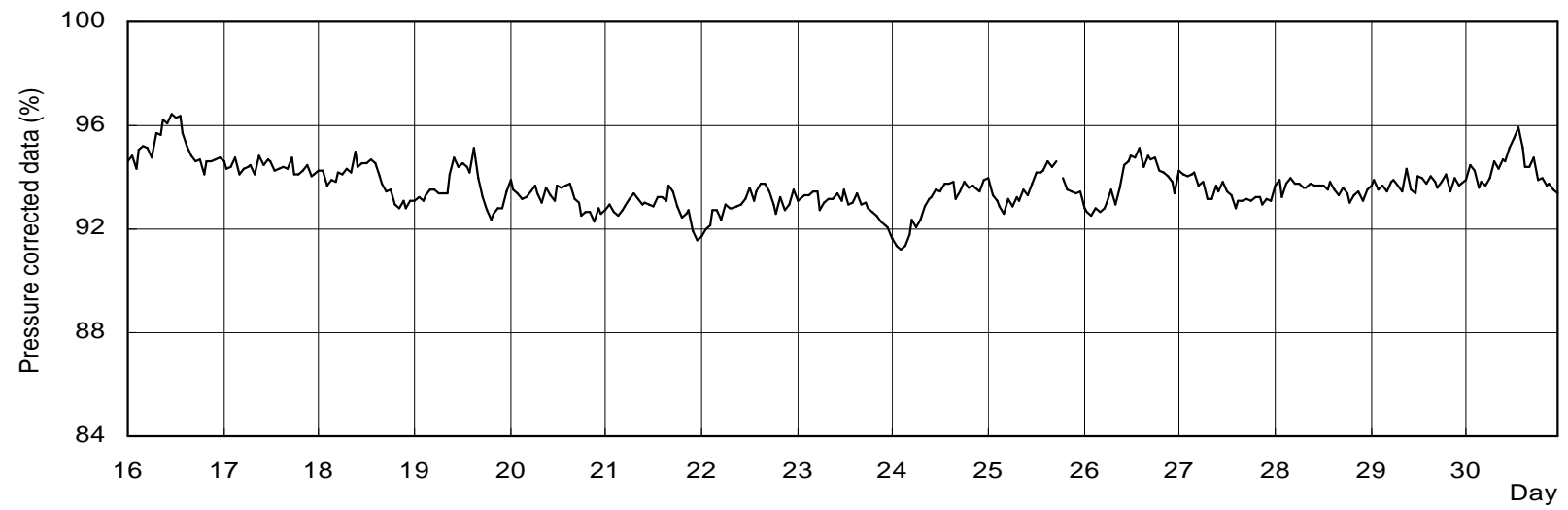
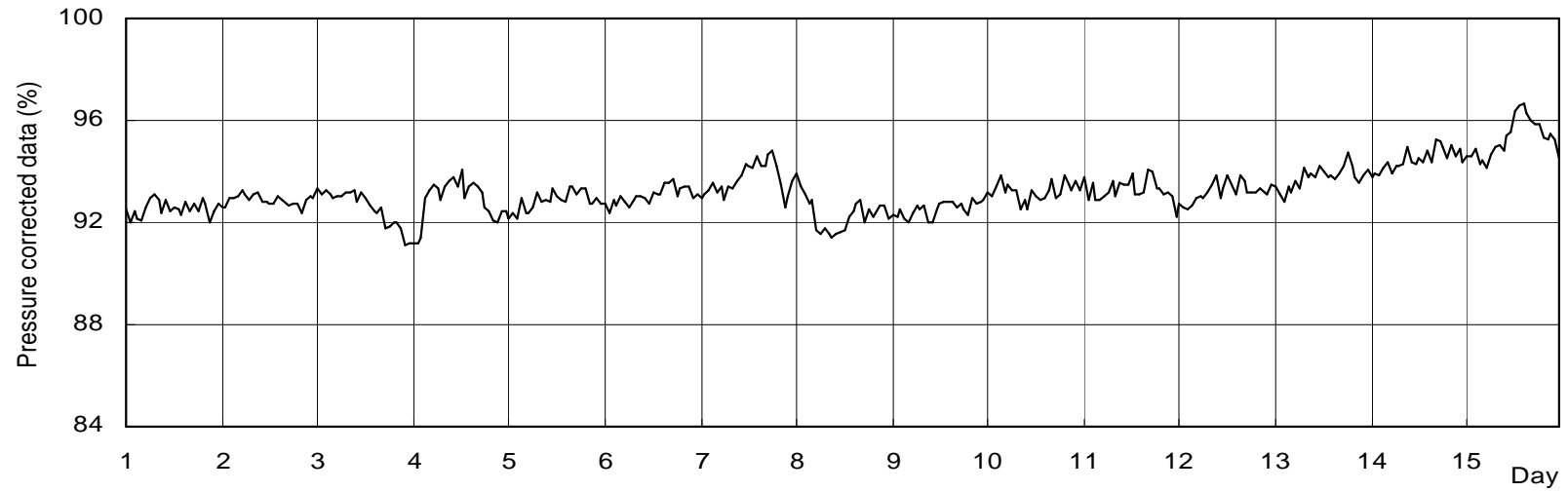
ROME 17-NM64 JULY 2002



ROME 17-NM64 AUGUST 2002

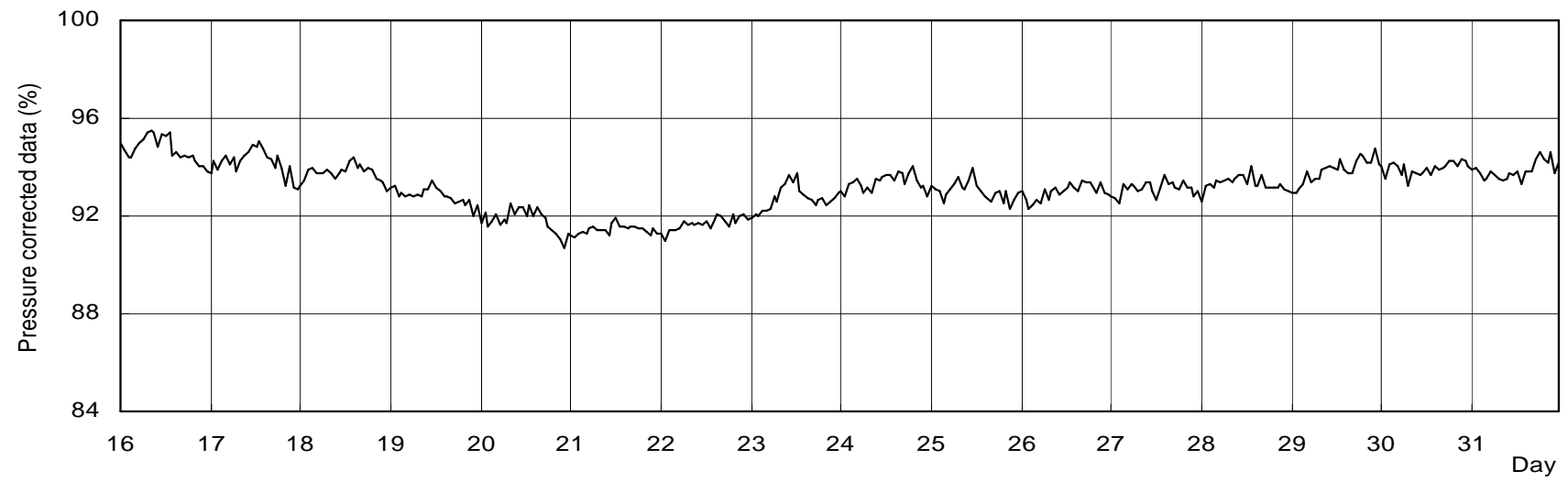
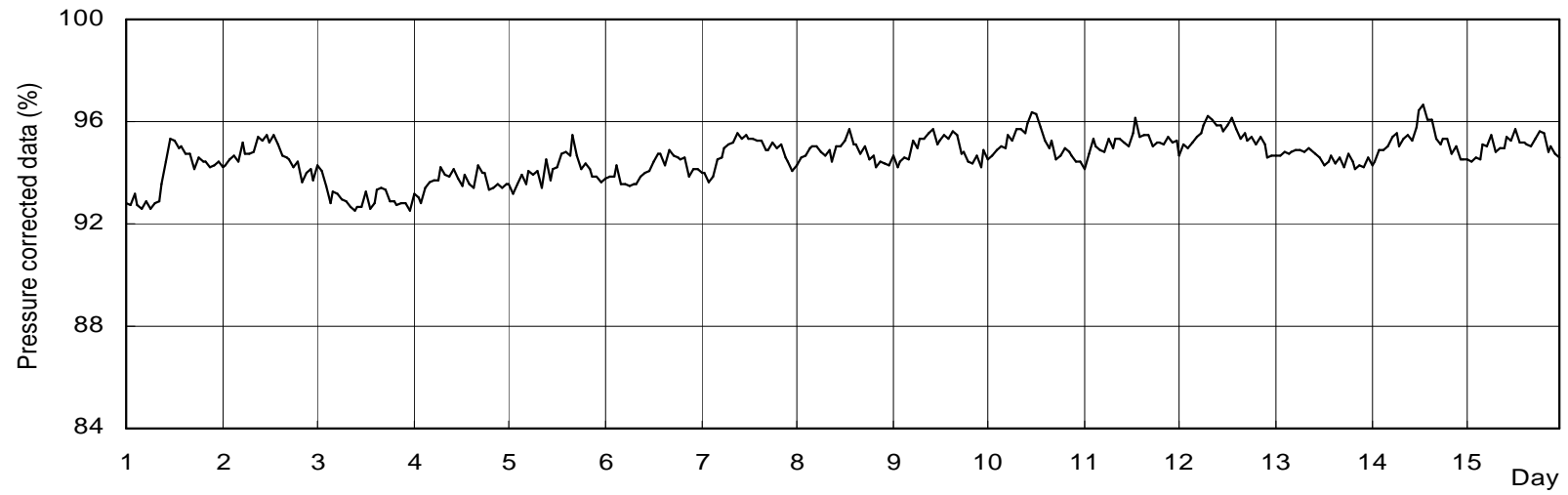


ROME 17-NM64 SEPTEMBER 2002

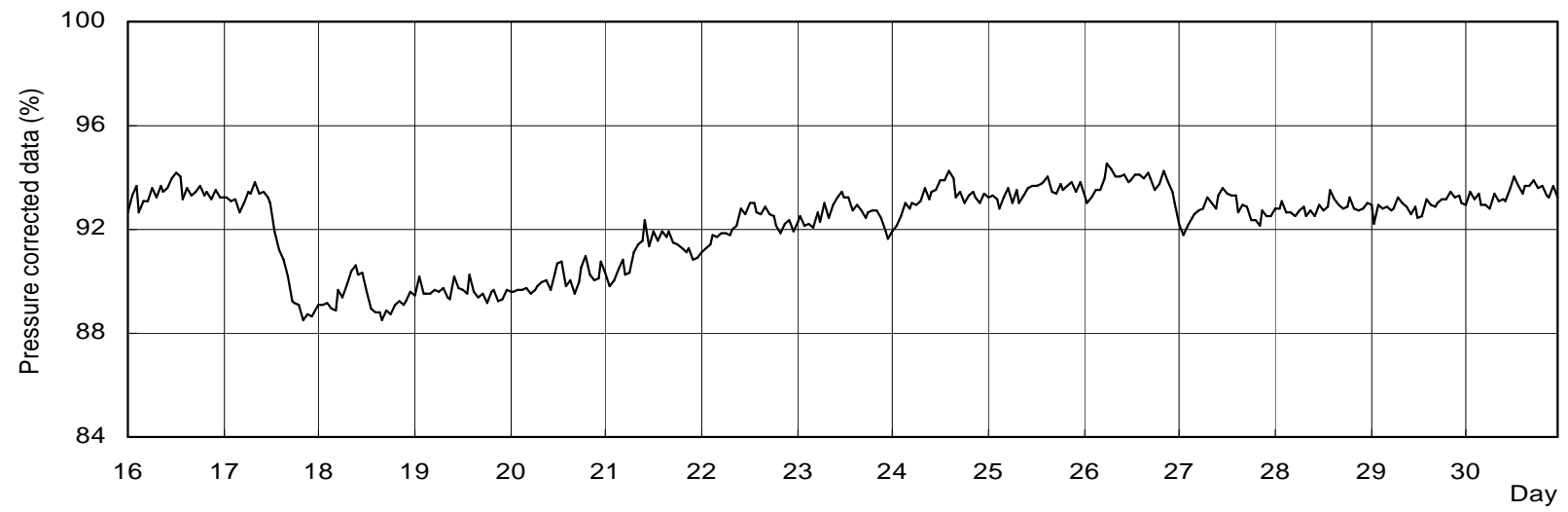
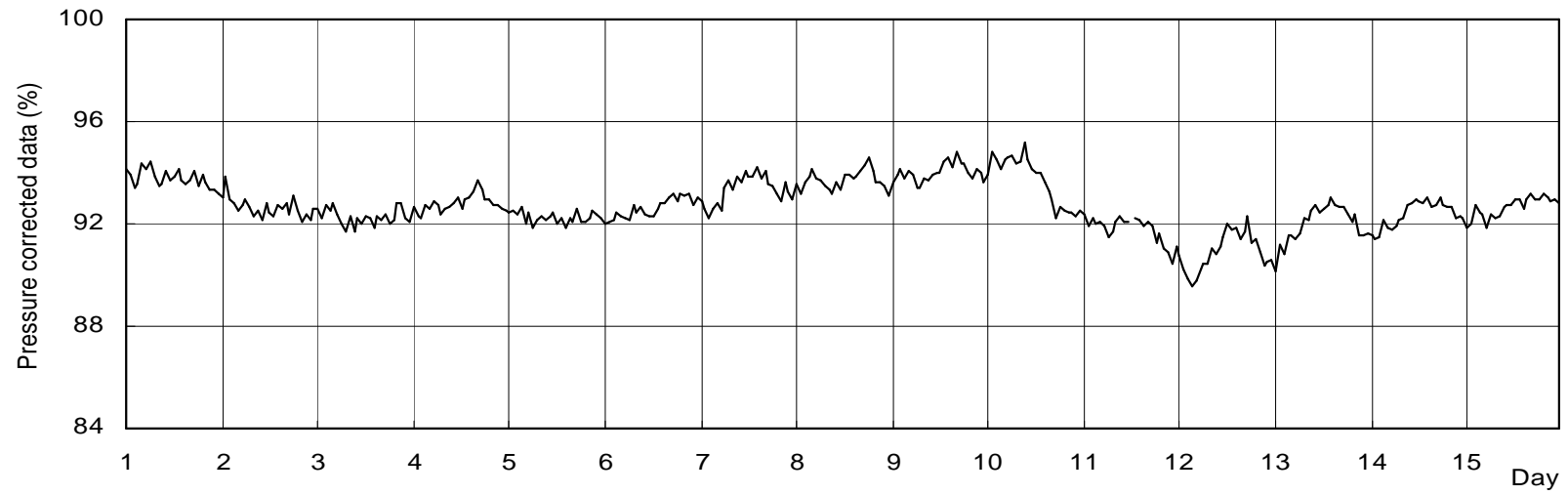




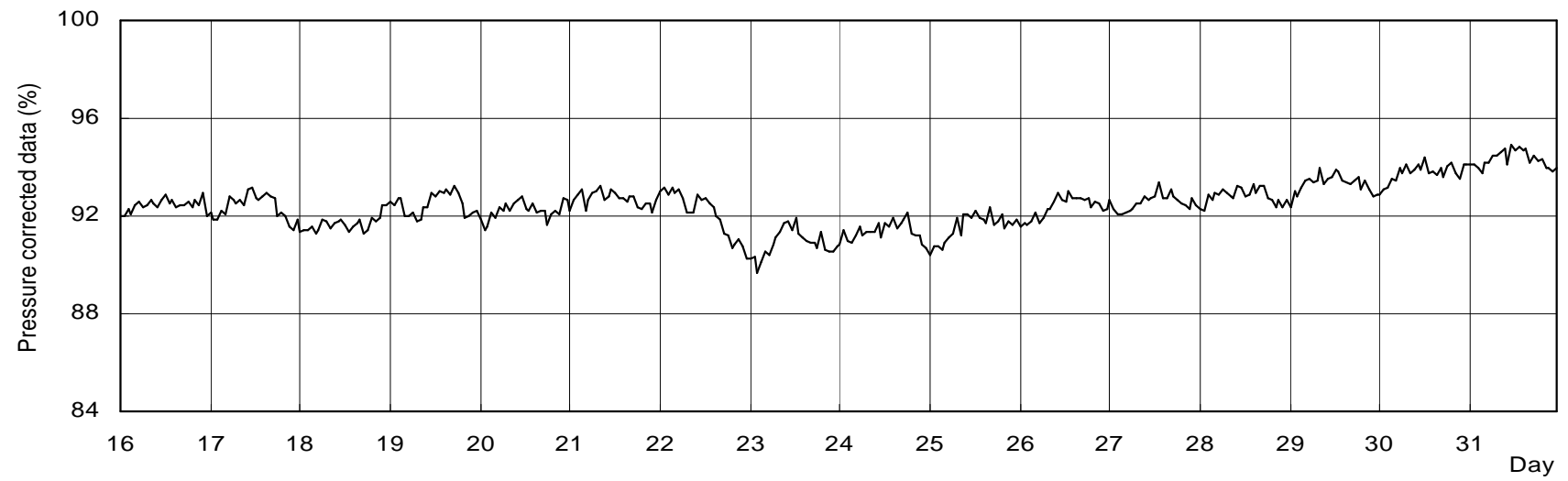
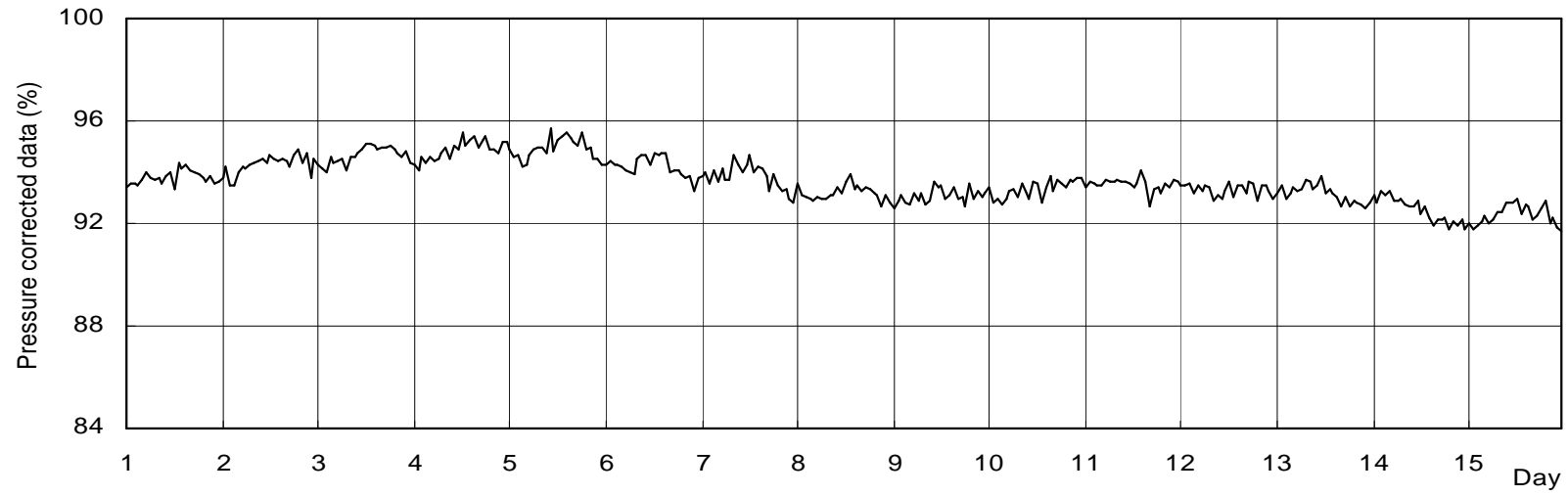
ROME 17-NM64 OCTOBER 2002



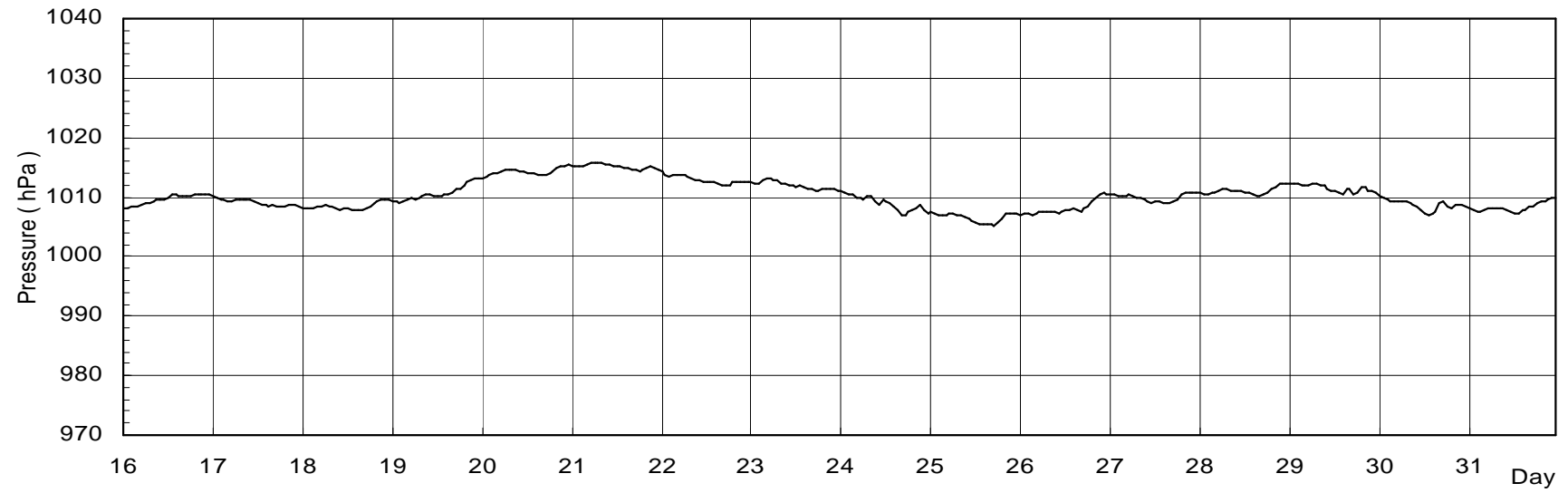
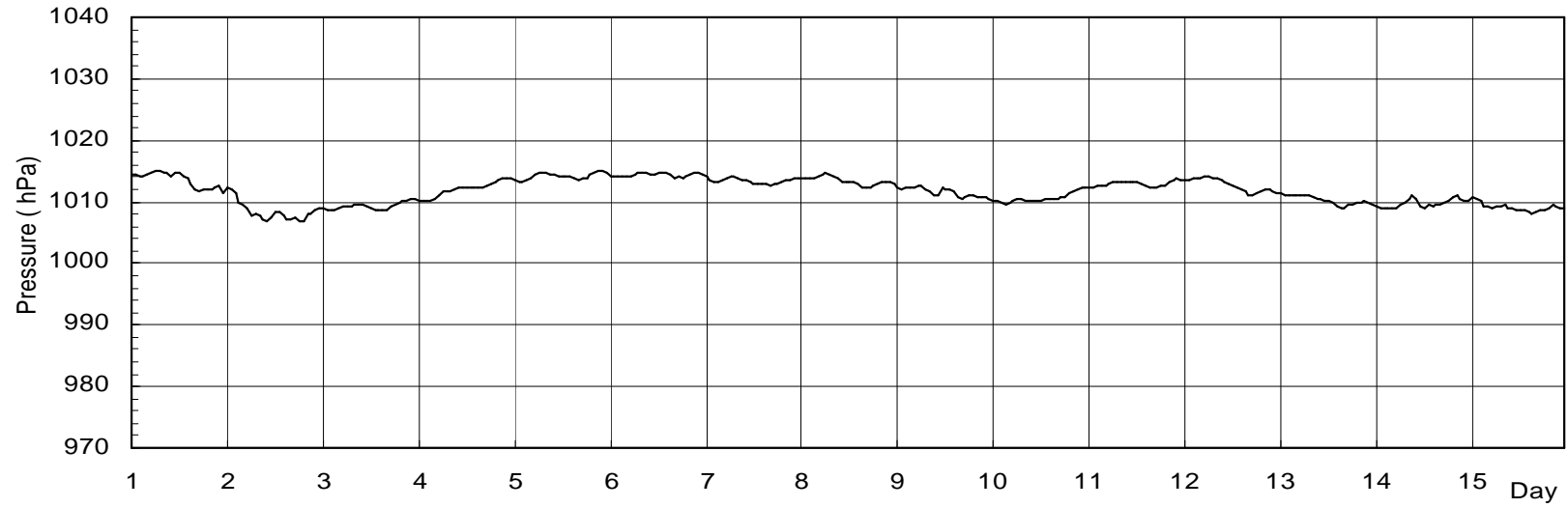
ROME 17-NM64 NOVEMBER 2002



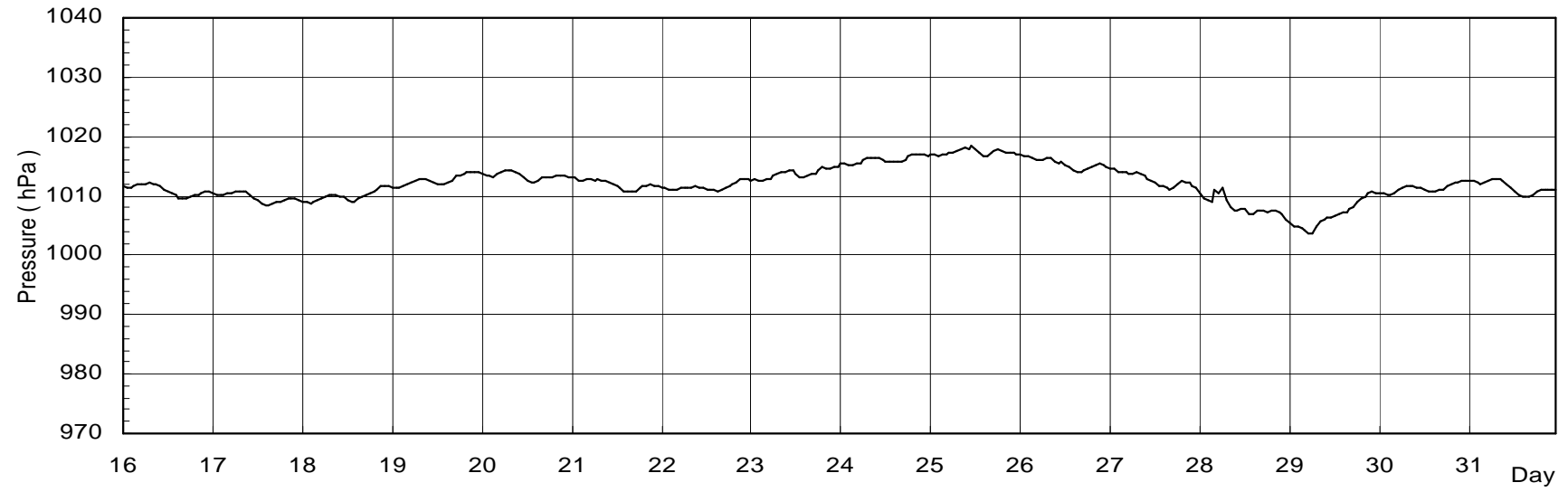
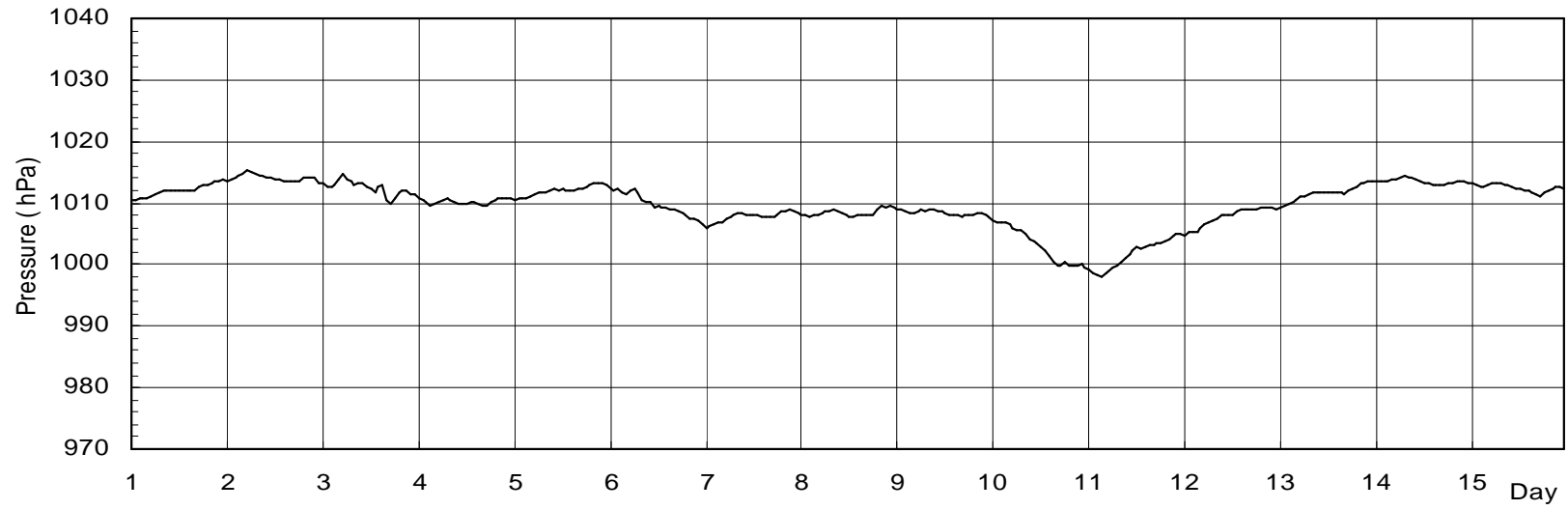
ROME 17-NM64 DECEMBER 2002



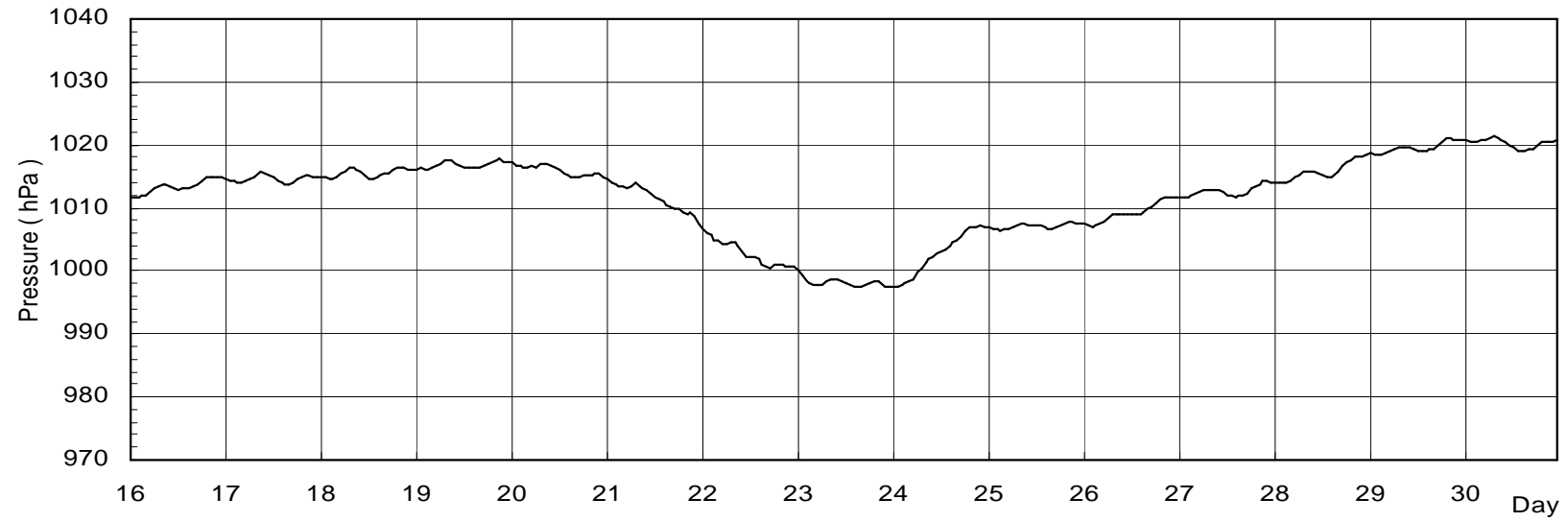
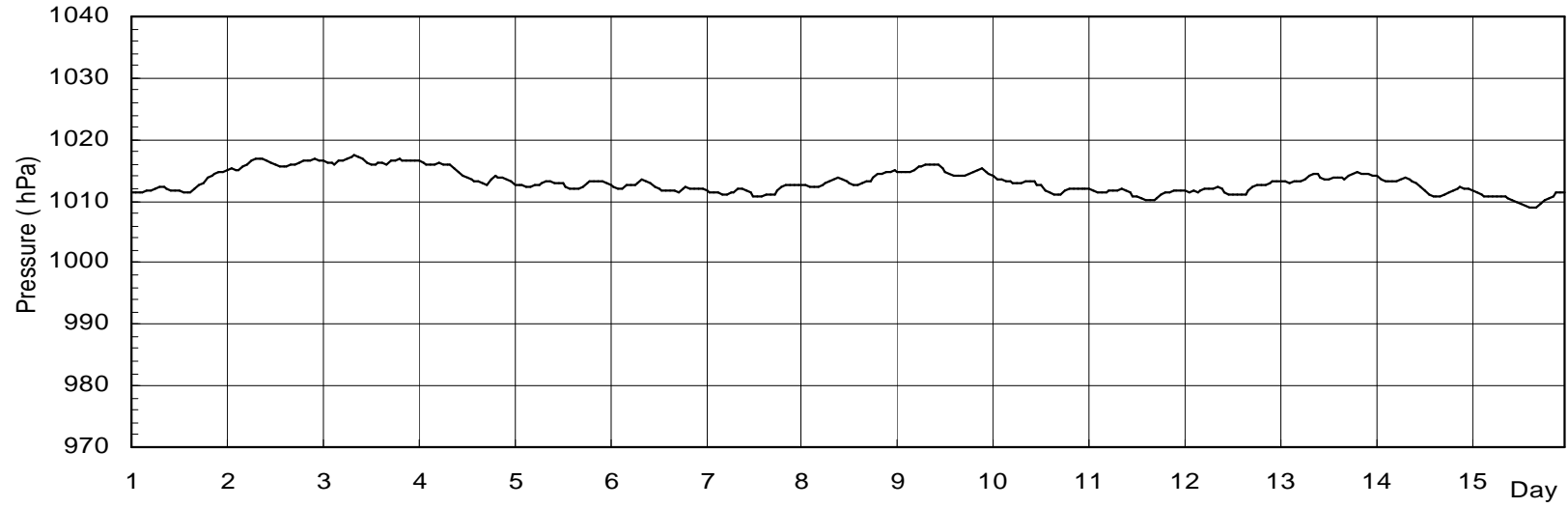
ATMOSPHERIC PRESSURE JULY 2002



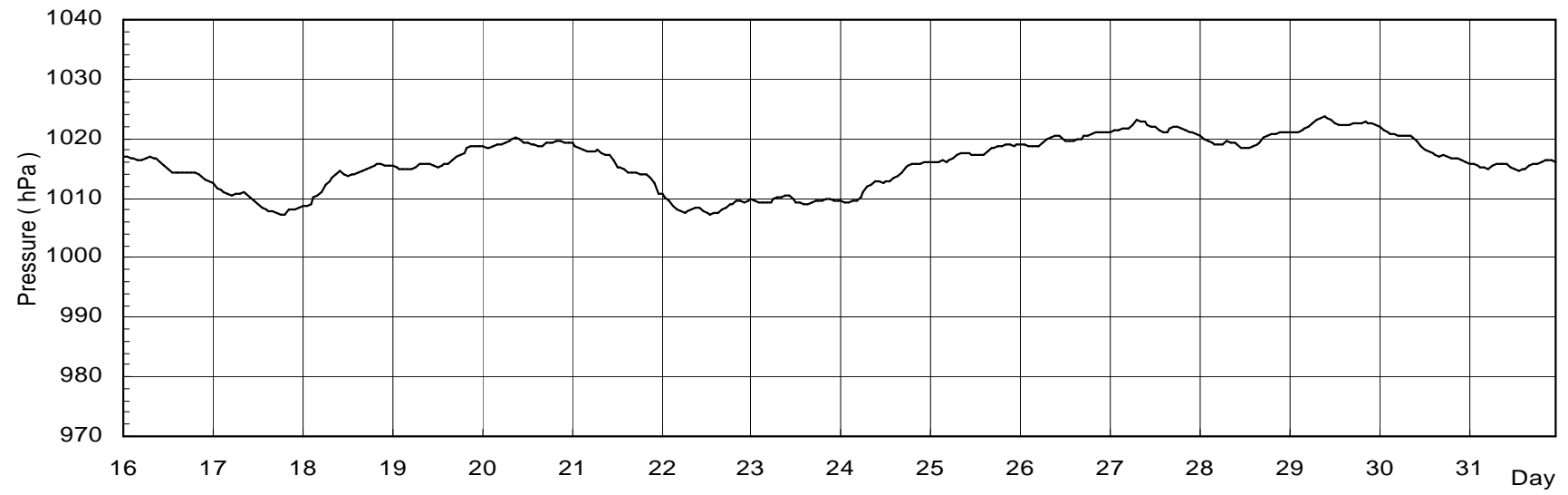
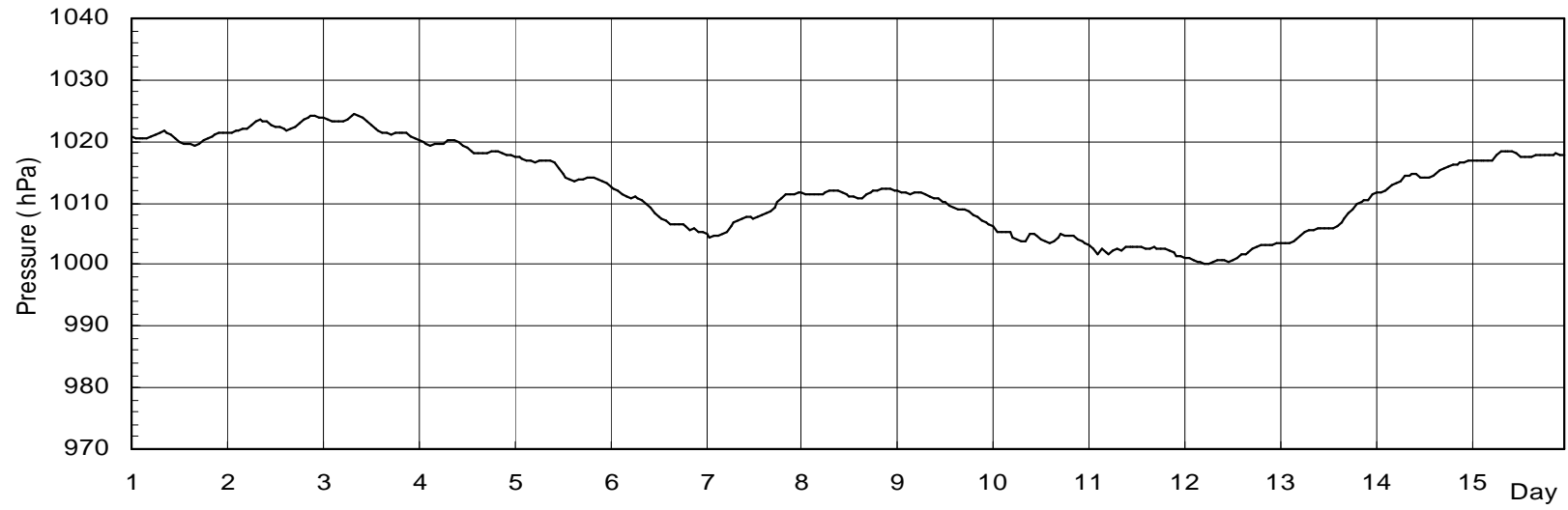
ATMOSPHERIC PRESSURE AUGUST 2002



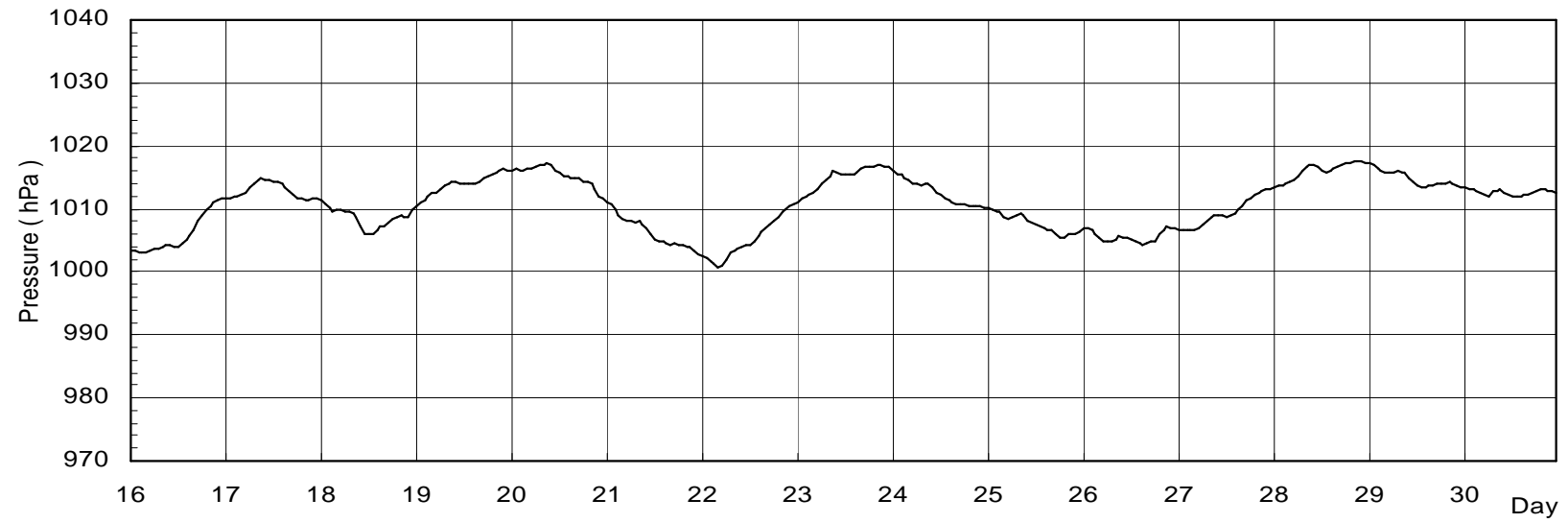
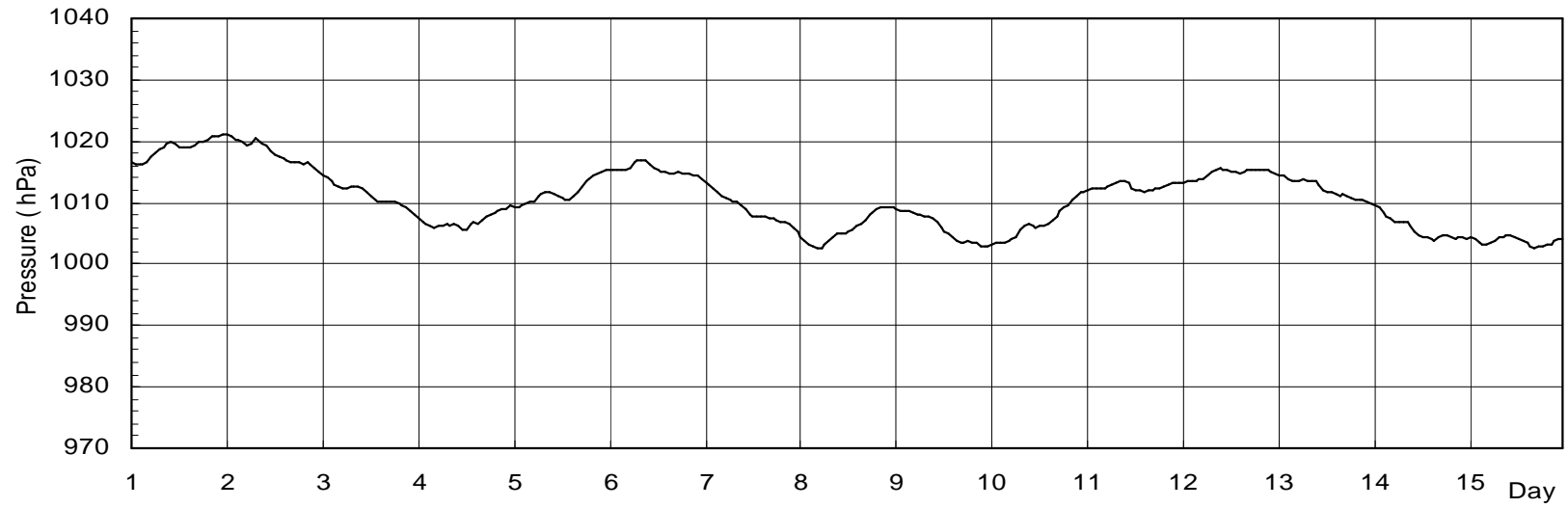
ATMOSPHERIC PRESSURE SEPTEMBER 2002



ATMOSPHERIC PRESSURE OCTOBER 2002



ATMOSPHERIC PRESSURE NOVEMBER 2002





ATMOSPHERIC PRESSURE DECEMBER 2002

