

SVIRCO DATA: January to June 2002

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Abstract

Hourly pressure corrected data and barometric pressure values, got at SVIRCO Observatory, are reported in tabular and graphic form for the period January-June, 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. 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 our 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. BAROMETRIC CORRECTION

The attenuation coefficient for 2002 (see Table I) has been computed by taking into account the correlation between the time changes of the attenuation coefficient and the modulation of the nucleonic intensity, as described by Bachelet et al. (1972).

4. 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
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(iii) You are allowed to share SVIRCO data with colleagues, advising them on the above conditions.

5. 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.

6. REFERENCES

F. Bachelet, N. Iucci, G. Villorresi, N.L. Zangrilli, The Cosmic-Ray Spectral Modulation above 2 GV. The Influence of the Attenuation Coefficient of the Nucleonic Component, Nuovo Cimento 11B, 1, 1972.

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

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7. 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 (Jan.-Jun.)
Instrument:	17 NM - 64 (four 3-counter and one 5-counter units)
Scaling factor:	1
Pressure coefficient :	0.71% / hPa
Pressure reference level:	1009.25 hPa

8. 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)
01	02	10-11 (*)
01	10	12-14 (°)
01	24	12-17 (°); 05-06, 07-08, 12-13, 14-15, 16-17 (*)
03	18	09-24 (°)
03	26	18-19 (*)
03	27	17-18 (*)
03	28	10-11 (*)
04	30	09-11 (*)
05	08	10-11 (*)
05	24	14-15, 18-19 (*)
05	29	09-10 (*)
05	31	16-18 (*)
06	19	15-16 (°)

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = JANUARY

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	434671	435931	435706	436567	434958	436076	435612	436219	437576	435505	436400	436039					
	435955	436252	437119	438625	437778	439671	438244	438416	436058	437754	435376	433921	436518	16.689	17.188	17.592	17.761
2	436370	438192	437911	437237	438165	436729	436763	437820	437194	440904	436888	436083					
	436184	436580	435520	437184	437580	436843	436827	436426	438522	434550	437728	436322	437105	16.684	17.199	17.536	17.758
3	435466	436822	438029	433796	436085	436145	437322	436558	438091	438422	438367	440487					
	437924	439791	438067	439286	436634	437112	437492	436375	437268	437810	436827	438530	437446	16.688	17.172	17.569	17.763
4	436727	437844	436699	437762	438401	438434	437907	439575	438957	443610	441942	445204					
	441505	445027	443206	441761	439417	441185	441987	440777	440216	439473	440519	443573	440488	16.698	17.166	17.586	17.752
5	439160	440143	440072	438454	437848	440110	441315	441201	441370	442110	445362	444871					
	442115	445445	444054	444853	439482	443075	442322	444300	442421	442049	442505	442999	441985	16.705	17.219	17.552	17.751
6	442818	441549	442536	441329	445347	443240	445168	446093	447869	447245	447317	446129					
	445804	444837	444471	446440	444048	444406	444666	445112	444494	446054	445634	447535	445006	16.688	17.194	17.582	17.741
7	446048	446203	444982	444607	449108	447165	447614	446699	447052	448649	447845	448398					
	447575	444808	446845	447150	448199	448785	449152	448211	449599	448638	450005	448560	447579	16.689	17.176	17.586	17.761
8	448727	449427	448040	449541	447918	452169	450548	450461	451939	449734	452216	449638					
	452732	454213	452538	450621	450506	450356	448704	449390	450063	448233	449030	449195	450248	16.683	17.172	17.563	17.739
9	448685	448323	450596	449869	449757	447538	449460	448954	453163	450533	451153	450531					
	451773	451564	451913	450592	450283	451331	450123	452857	451881	450791	449080	449597	450431	16.694	17.182	17.557	17.758
10	449723	448385	450683	449759	451161	451527	451619	450442	451226	453303	452963	452847					
	456538	453175	452911	453867	453740	451768	453335	450391	448131	447171	443970	439658	450762	16.702	17.158	17.624	17.752
11	440662	440556	440545	440822	441323	443781	443206	443287	442991	442210	440583	437845					
	439422	440292	439995	439779	442178	440502	442468	442517	442235	442936	441218	442765	441422	16.698	17.189	17.578	17.745
12	440058	442051	441048	441815	441615	443486	440652	442171	440653	443302	440553	443083					
	440879	441561	443964	438754	442451	441253	439216	440719	439985	440631	441403	441667	441374	16.661	17.202	17.594	17.770
13	440192	439635	441310	439443	438505	440536	442641	444011	442835	442879	442320	443243					
	443311	442964	440596	442130	441006	441618	440093	440223	439764	441327	442760	440777	441422	16.671	17.192	17.578	17.749
14	442969	439922	441987	440894	441498	441513	444899	440297	441831	444185	445928	442616					
	444950	444169	442504	441114	442064	441708	443488	442318	443849	446329	445174	444998	442967	16.661	17.202	17.555	17.762
15	444287	447577	446561	446081	445744	448543	445459	444726	445320	445934	447276	446794					
	448168	446101	444879	446121	445911	444259	447143	445799	446445	446025	446727	446591	446186	16.668	17.222	17.564	17.751

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = JANUARY

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	448715	448804	448177	446127	448650	447110	449404	448076	450008	448485	447967	448044					
	448088	446773	446624	446754	447365	447280	449566	445810	448503	450419	450697	452587	448335	16.691	17.189	17.565	17.767
17	451868	449690	451620	451855	453352	450719	450694	451721	450799	451855	450584	449557					
	448476	452045	448906	450402	452566	450716	449976	453573	452992	452375	450777	454013	451297	16.676	17.228	17.592	17.719
18	452845	453931	452210	454343	456021	455050	454035	453445	450522	451936	451293	450657					
	451458	451911	452820	451660	453820	453560	454786	456360	454937	455469	454680	456106	453494	16.695	17.179	17.580	17.747
19	456079	456157	454029	454642	456429	454967	454402	452581	453199	450888	451728	449820					
	451080	450169	450550	452314	453448	454834	454963	455555	455462	458713	457466	457572	454043	16.693	17.187	17.552	17.747
20	455897	451542	451361	454838	452953	450306	450964	449641	452007	452040	453145	453332					
	453204	452457	451242	449355	452547	452748	451671	452968	452220	451638	453815	452093	452249	16.686	17.217	17.576	17.737
21	452094	451150	450840	450664	450329	449165	449362	450421	450072	449477	450630	449247					
	449590	451393	447980	450187	447205	448884	448556	448776	447409	448054	451236	450772	449729	16.679	17.199	17.587	17.735
22	448454	447963	450017	449162	454044	449761	451782	449693	451070	451129	452383	451435					
	452398	452053	452135	448717	449032	448716	451320	450626	451216	451121	453110	450230	450732	16.707	17.164	17.588	17.735
23																	
24	449865	448310	450397	446088	448190	451991	448104	452937	451888	452772	453585						
	453445	451886	454744	453181	451204	451893	451389	451195	449234	451076	448969	450209	450981	16.717	17.179	17.583	17.731
25	449309	447445	448858	448996	448600	449778	453436	450817	452494	453127	453636	452345					
	450091	450191	449902	452913	451825	449408	451903	449965	450047	453238	449857	451160	450806	16.707	17.194	17.556	17.727
26	450173	450545	449331	450676	450634	450247	452931	448764	453037	451887	452305	454348					
	453086	451054	452031	452249	449893	453277	451152	449972	450654	450349	450630	447389	451109	16.695	17.209	17.553	17.736
27	448946	449843	449649	452613	452140	451904	449725	452260	452820	454786	455259	453786					
	452798	452083	452404	452710	451449	448917	450128	448411	448047	447464	448030	444947	450880	16.692	17.161	17.599	17.763
28	447850	445579	446443	444974	445079	446244	446914	447311	448337	447377	445408	445967					
	448348	446093	444037	442820	442586	442455	444508	443069	443397	442810	443221	443848	445195	16.704	17.171	17.595	17.736
29	442928	445304	442879	443832	442535	441921	441814	443188	441206	442446	443183	444947					
	444336	442410	443116	442629	442317	442037	439437	440608	442905	440777	441024	439217	442375	16.662	17.228	17.562	17.731
30	440729	440908	444070	441482	443883	442898	442927	442098	442109	443055	441548	442895					
	443065	440693	441937	442445	443154	444001	441585	441247	442317	441206	442506	443771	442355	16.659	17.197	17.555	17.772
31	443679	444453	443129	443040	444595	442033	442115	442216	443589	444851	442629	445248					
	443461	445466	443673	441977	442314	440225	442033	439604	441787	439621	440231	441343	442638	16.689	17.211	17.594	17.709

MONTHLY AVERAGE = 446817

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = FEBRUARY

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVERAGE	R1	R2	R3	R4
	13	14	15	16	17	18	19	20	21	22	23	24					
1	442206	441302	443045	442879	441403	441958	442976	444784	444124	442608	444717	445478					
	444754	446811	445342	444824	445544	446808	443987	443926	444857	442171	445231	442155	443912	16.673	17.203	17.566	17.725
2	445700	444221	445330	444931	446705	447583	445435	450167	447008	449361	450162	450790					
	450362	447461	450269	447129	448360	448510	446961	447956	449525	445698	449031	446253	447704	16.673	17.165	17.577	17.752
3	447057	448555	447453	449558	449103	450527	449883	451674	449448	447791	449378	450963					
	451341	447351	449169	450263	449007	448130	448307	445838	446548	448021	448774	447345	448812	16.653	17.169	17.620	17.745
4	450603	448486	451020	448500	450920	449792	448160	450361	451357	448777	450890	452159					
	450003	450005	450430	451609	450414	449234	453180	450233	448871	450312	451595	451735	450360	16.675	17.195	17.565	17.725
5	451300	451246	451910	452287	450554	451545	451101	451716	452499	450497	451840	450831					
	451468	452329	452396	449025	450685	452258	454047	454478	455265	452350	451240	450079	451789	16.680	17.216	17.573	17.737
6	448851	450591	450852	452148	452534	451273	450302	453212	453134	452990	455030	455123					
	455893	454604	454961	454571	453715	453432	452351	451588	453319	451792	452846	452327	452810	16.700	17.178	17.564	17.751
7	451356	453292	454746	455059	455311	454446	454355	454519	455063	456743	457279	457056					
	456174	456396	455612	455903	455105	454827	454913	454165	456130	455274	452845	454151	455030	16.667	17.177	17.546	17.757
8	453836	454343	454938	453459	454474	457456	458326	455688	455449	456157	456261	453414					
	454910	455808	456356	455972	456671	456838	457225	456493	455641	455406	455892	454407	455643	16.637	17.174	17.596	17.762
9	456252	456155	456616	456882	455742	454538	456730	458754	458023	458843	458777	457850					
	458494	456195	457335	459844	456554	456115	456740	456981	456368	457624	459024	456703	457214	16.686	17.181	17.550	17.791
10	459455	458273	456143	458175	459569	457996	459802	460283	460028	460736	460090	459912					
	460469	460012	460390	459038	460405	459812	458025	459335	457602	460009	459601	458847	459334	16.675	17.197	17.578	17.738
11	460430	457443	458389	457751	459092	458910	459197	458280	459069	459645	458711	459751					
	460301	459469	457152	458630	458706	460168	457162	458932	459303	458716	459450	458205	458869	16.656	17.176	17.592	17.743
12	457741	458126	457461	458030	460043	457856	457903	457306	458958	459249	457191	456834					
	458115	456990	455878	457908	458668	457401	455918	456175	456498	455736	456830	460031	457619	16.660	17.182	17.581	17.748
13	459677	459807	457945	458081	456385	459802	458363	456174	458246	457505	456556	459185					
	458311	460775	458658	459548	458979	459499	458354	459125	460484	460303	460282	458492	458772	16.642	17.221	17.589	17.721
14	461226	459714	458318	460487	459197	458614	459548	459833	457422	460979	459705	460846					
	459329	458846	458130	459341	459587	460211	459507	459765	459842	460075	457986	457955	459436	16.668	17.222	17.569	17.744
15	459437	457639	459118	458858	457023	460772	460812	459721	461670	460763	461025	461956					
	460160	460994	461408	460865	460365	461703	459386	458947	460160	457964	459616	459976	460014	16.679	17.179	17.604	17.769

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = FEBRUARY

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	461915	461488	461407	462525	462684	461859	462207	461023	460006	463102	461617	461642					
	463522	462944	464185	463482	462948	463572	462817	459930	461058	460705	460382	461203	462009	16.649	17.185	17.596	17.731
17	460912	461692	459200	461172	461790	463351	463622	464514	464892	464247	461896	462809					
	460261	459840	459682	458494	459181	457930	454617	455395	454913	459276	457977	459797	460311	16.659	17.182	17.590	17.774
18	459776	459776	459704	461427	462300	464101	462666	463118	459538	460095	459446	458767					
	458653	455752	456830	454808	454933	456892	457930	455814	460312	459809	458682	460551	459237	16.693	17.172	17.567	17.764
19	459640	460007	460427	459210	459065	458553	457712	458658	459892	460014	458777	458804					
	457087	456675	458536	457235	458425	459228	459076	457777	457668	458659	461341	461677	458923	16.670	17.193	17.566	17.759
20	461877	462172	460605	459273	459917	460955	462464	461485	461550	463619	462172	461821					
	460909	459697	459247	460550	459025	458690	456686	458461	458321	459574	457428	455835	460097	16.686	17.187	17.573	17.715
21	460245	459258	457393	458019	459097	458129	460483	459894	461467	462516	458020	459092					
	458116	458574	458355	458365	458650	459496	457856	457652	455913	453857	453633	454454	458272	16.692	17.215	17.547	17.722
22	453370	455499	454782	455444	454624	455067	455324	457334	460321	456894	458350	457093					
	456600	455266	456368	457271	452713	452911	453293	451392	452116	452650	452373	450882	454914	16.698	17.195	17.578	17.744
23	452172	453054	452228	451941	451928	452683	452312	451279	454398	452938	453585	453304					
	453506	454074	452147	452521	451348	452947	450999	451055	451271	451017	450684	452480	452328	16.675	17.198	17.603	17.732
24	449421	453303	452959	453451	452047	453987	450053	453714	452253	451365	451832	452984					
	452470	453741	453241	454145	454139	453373	452177	452445	451834	455283	452359	453771	452765	16.674	17.182	17.590	17.748
25	452902	453477	454471	455415	453619	455125	455009	455593	452921	453353	452839	452754					
	453404	452265	454935	452145	451707	451941	451812	452318	455124	450929	451135	451522	453196	16.697	17.201	17.556	17.738
26	452931	450761	451012	452571	452356	451488	453698	453607	454056	452477	453188	451674					
	451170	453295	453112	453010	453313	451349	452863	451280	451340	452607	449781	450462	452225	16.709	17.189	17.618	17.728
27	450589	453459	453499	451911	453763	451972	451653	453817	452460	452852	452177	453004					
	451174	453608	453285	452024	450190	452845	450935	452116	452954	452393	452586	451730	452375	16.667	17.178	17.559	17.770
28	451663	451019	453640	451935	455123	451923	454561	457575	454209	452276	451813	452639					
	452141	451014	452208	451741	449193	449623	452643	451220	449693	452625	453976	456449	452538	16.643	17.178	17.575	17.781

MONTHLY AVERAGE = 455232

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = MARCH

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
1	455810	455863	453949	453508	454957	453930	452662	453679	453439	455082	452491	451467					
	454483	455256	454633	453788	452864	455078	453250	452944	456005	454092	452614	453053	453954	16.670	17.185	17.549	17.753
2	450864	451543	451951	452027	449915	451791	453283	451340	450986	452587	451788	452507					
	452300	451382	451643	453298	452752	453567	452595	450885	451804	451685	453299	451714	451979	16.676	17.188	17.573	17.764
3	452338	452460	451858	452096	449902	451643	454114	453322	452994	453549	452696	454174					
	455921	455380	456454	457048	454415	453489	454773	456878	456403	455677	455675	457698	454207	16.664	17.227	17.591	17.746
4	457125	453349	455924	454688	455695	453439	454665	455090	454041	454598	455443	455727					
	455223	456360	457434	454343	456309	454474	452026	451631	452991	451501	451044	450242	454307	16.694	17.183	17.555	17.758
5	451444	450624	451606	452697	452978	454836	453409	453159	454416	454253	456207	455243					
	455780	455828	455362	455039	456359	455881	457166	453586	458099	453185	455835	456252	454552	16.661	17.204	17.571	17.753
6	454141	453633	453266	453006	451671	454342	456488	455428	454532	455862	455861	455020					
	455451	457096	459774	457626	456125	454747	458583	455972	457618	456491	454559	455743	455543	16.670	17.173	17.580	17.766
7	454431	456163	454734	455456	455834	455068	454713	455233	456168	456426	454818	457643					
	456790	456520	455472	454375	455613	454502	456013	455751	457049	454364	453606	455858	455525	16.665	17.212	17.586	17.737
8	455098	455180	455799	456404	455912	456847	459276	456933	459633	458479	456465	457840					
	456162	455917	458491	455307	457181	456106	456572	457620	457646	458313	456016	456171	456890	16.644	17.181	17.615	17.738
9	458957	457483	454458	455024	457765	458051	455292	455816	456419	457586	457281	456324					
	455679	456676	456075	455491	457585	458442	457627	457063	457178	457101	456075	458260	456821	16.661	17.214	17.564	17.735
10	456000	456671	456331	457790	458042	456971	457226	458053	455631	458459	458760	458677					
	459287	460210	460054	457448	458511	458660	458457	458133	459450	456344	459857	459078	458087	16.678	17.200	17.590	17.757
11	457886	457797	457778	456565	460768	458344	458828	458310	457330	458604	458971	458103					
	456561	458546	457514	455993	457906	458008	458220	456861	455648	455072	457398	455235	457594	16.657	17.186	17.583	17.755
12	454387	455812	453680	453471	455259	451011	455182	454742	455097	453288	453845	455313					
	453982	453383	452850	456623	453650	457382	455922	455834	455235	455193	454059	454741	454581	16.682	17.207	17.570	17.721
13	455515	454499	454893	456147	456230	456368	457523	457061	456388	453911	455615	455263					
	453823	455912	455942	455704	455515	458414	456136	458027	457279	456945	457416	457267	456158	16.661	17.227	17.571	17.758
14	458645	457293	458190	457384	457253	458586	457834	457457	457098	459343	458154	456528					
	457656	455750	456376	459449	457230	459146	459824	458231	460002	460610	460253	461656	458331	16.683	17.184	17.581	17.749
15	461556	459225	459698	457856	457685	457002	454804	457128	455612	455063	456358	458672					
	457755	457191	459143	457706	458898	461130	462247	460271	458599	458466	460733	457664	458353	16.665	17.211	17.568	17.729

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = MARCH

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	455237	456521	455587	457263	455018	455342	455654	456234	455895	456888	458252	457037					
	455096	456548	455903	456710	455071	455888	454136	457568	455359	453767	455050	455295	455888	16.670	17.236	17.544	17.722
17	458596	458081	460263	458319	458364	459392	455585	456420	456984	457196	457987	457077					
	457632	456203	455778	455724	454461	455219	455572	457106	455128	457408	458254	459094	457160	16.655	17.198	17.568	17.749
18	461842	460959	459485	461039	458731	460835	457839	458283	459488	457957	455587	454388					
	454482	457721	457136	457745	455396	455017	454913	455677	453482	452874	450785	450882	456773	16.674	17.217	17.581	17.753
19	451582	452463	452116	451071	448043	450584	448658	449553	448940	447758	446602	445683					
	444245	444843	445772	447701	446395	447003	447907	444881	445182	446104	446621	446389	447754	16.698	17.179	17.573	17.758
20	445307	446289	446516	448096	447007	445897	448126	446692	448722	449667	447993	448499					
	446968	448610	447645	441932	438802	438593	437830	442146	441711	441721	445028	446648	445269	16.697	17.181	17.574	17.741
21	441130	442575	441133	442893	445528	443372	444114	444118	443085	443484	445088	443253					
	444785	442545	444810	444518	444066	442666	443161	442521	442312	441067	441403	441002	443110	16.729	17.179	17.534	17.760
22	439985	442689	441610	442691	440984	440844	442859	442634	446237	450029	449278	445940					
	446744	444061	442216	442278	441598	442493	439985	437131	437189	434557	438647	439832	442188	16.731	17.169	17.553	17.715
23	438105	439725	440145	441249	441422	444448	442226	441679	444591	445416	446094	446175					
	443772	446628	445894	446784	447001	444143	442900	440757	440607	440532	439820	438198	442846	16.746	17.170	17.542	17.720
24	440405	438929	439893	440394	440784	442765	443525	445350	448632	447273	447103	448460					
	442237	443414	441257	442179	443590	444682	444286	445367	444975	443538	441541	441638	443426	16.734	17.175	17.535	17.759
25	442898	442124	441640	440919	441940	444207	443700	444964	445105	446492	446357	448034					
	446105	446624	446217	445865	444584	444771	441968	443231	443291	442118	443651	442518	444138	16.705	17.188	17.565	17.732
26	441481	440447	441474	442074	443446	444460	441876	444411	446404	446340	446886	449805					
	448194	448727	449573	448620	446242	444048	446676	445407	445829	444523	445188	445625	445323	16.708	17.191	17.564	17.735
27	446416	448227	446003	448234	447453	446876	448300	448484	449517	447613	450339	449069					
	453280	450245	452641	449954	448652	450048	449045	446247	447156	447893	447962	447654	448638	16.717	17.185	17.550	17.748
28	447390	447298	448201	447514	449506	448265	449624	449297	450223	449621	450393	451246					
	451646	450037	450085	450241	450766	448015	450679	449148	450476	449279	449508	451413	449578	16.745	17.158	17.592	17.718
29	448463	448852	448977	448437	448368	450020	451026	450126	451386	450742	451728	451741					
	450453	455118	451393	453420	454587	452803	453999	454697	454386	451701	449835	448605	451286	16.759	17.199	17.538	17.732
30	448255	448536	447961	450192	449154	450007	448579	449105	448667	449656	451760	451450					
	451763	452035	451983	450810	451402	451880	450118	451221	449458	449680	447792	450143	450067	16.709	17.182	17.586	17.766
31	448365	448633	449405	449574	447041	447835	449726	450675	450418	450318	452142	451471					
	451803	451087	451346	453161	450348	450223	450757	450331	447640	448161	447364	447053	449786	16.739	17.162	17.568	17.753

MONTHLY AVERAGE = 451939

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = APRIL

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
1	447149	446333	447902	448640	446239	448514	448796	448183	449291	449667	450742	453218					
	452308	453774	452828	451381	451476	451863	451211	450117	448777	451126	450821	450398	450031	16.720	17.170	17.591	17.744
2	450557	448694	450828	450203	450518	450929	449201	450837	450678	453214	451666	451376					
	450392	452599	451648	451745	453052	451250	451884	450898	451819	452081	450451	449586	451088	16.724	17.172	17.597	17.731
3	452042	452602	452926	451964	454582	450794	454312	452210	453071	451738	452431	452067					
	453818	454975	453818	455414	454468	452636	453925	453208	452550	452724	454662	451924	453119	16.699	17.176	17.582	17.754
4	453894	454128	454096	455684	453453	455823	455860	453597	452825	454504	453565	454060					
	454778	453605	455186	454118	455057	455553	454680	454015	453190	455341	452599	452946	454273	16.724	17.197	17.530	17.770
5	452987	452720	454626	455535	455281	454828	455947	453857	454257	452842	453737	451444					
	454069	454494	453234	454770	454921	454390	453872	452480	452775	453630	451943	452990	453818	16.715	17.189	17.557	17.744
6	452725	453057	453977	454538	454752	454064	453182										
				453496	453597	453833	456672	454012	452356	453978	454150	455804	454012	16.704	17.170	17.578	17.758
7	453471	453627	454947	455303	454221	455304	455163	455805	452653	453464	455082	457033					
	457178	455815	454375	458116	456242	456814	457093	457542	454206	457624	456497	456073	455569	16.723	17.188	17.580	17.744
8	456683	455895	456484	455436	457248	458553	457888	457558	455957	458552	457598	459033					
	455906	455358	457524	456523	456695	459144	456563	455685	456850	454284	455257	454839	456730	16.686	17.206	17.553	17.754
9	455134	454708	454621	454861	457909	458145	457763	460622	458805	459556	459130	459844					
	458380	458178	458500	459507	460410	456677	457730	455460	455458	455928	454578	453522	457309	16.688	17.191	17.568	17.740
10	455042	455751	453777	453582	454711	452909	454441	454830	454386								
	459051	457416	456886	456548	455627	452613	454741	453855	454232	453341	453634	453342	454908	16.722	17.182	17.603	17.771
11	451426	451731	453367	453068	453608	452438	454979	454489	453404	452881	456308	454894					
	453010	454040	454592	453389	45429	453660	454805	452022	451402	454365	453141	451399	453494	16.702	17.193	17.551	17.724
12	453064	452647	450172	450828	449688	449755	452333	450420	449151	451207	449605	450835					
	450030	451784	450674	452770	449998	451445	450468	449284	452429	451124	452004	452739	451019	16.711	17.210	17.564	17.734
13	453861	452703	453611	456137	455976	455009	454109	453927	454563	453418	455266	455904					
	457911	459572	461404	459915	459770	460584	458286	459944	456213	459139	457006	456420	456694	16.698	17.209	17.570	17.740
14	458852	458584	457923	458018	454384	455693	456040	457360	454694	453962	454434	456427					
	457123	456078	457131	456662	456186	457341	459205	457092	457125	456827	455644	453591	456516	16.722	17.167	17.573	17.749
15	453809	454420	453626	454151	454401	453320	452553	453873	456404	454254	455777	455152					
	457123	456562	457246	457393	458324	456519	457372	456429	455969	457097	456122	456685	455608	16.740	17.146	17.574	17.748

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = APRIL

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	457111	457290	457653	455430	458021	455333	457147	455750	457295	456539	457050	454242					
	455562	456945	455512	456581	455857	456835	455851	457942	456077	455609	456313	458595	456522	16.697	17.193	17.603	17.741
17	456602	458470	458038	459353	456753	459005	458121	460204	457960	462911	462401	458325					
	460373	457784	452457	446190	449105	451580	452321	454288	454526	453627	455585	455317	456304	16.715	17.178	17.568	17.743
18	451768	455689	451851	451525	451287	451504	447398	446062	446146	446101	449401	450111					
	452001	452018	448047	447693	446949	445157	443486	446560	445923	447688	446622	449051	448752	16.724	17.190	17.586	17.754
19	449348	451191	451815	452327	452250	453267	454100	456080	455079	451098	447110	445234					
	447491	449046	450137	449959	451073	448773	450116	448826	447440	445868	443549	444497	449820	16.748	17.181	17.574	17.718
20	444873	446352	442000	439557	440953	445695	446345	446822	445650	444929	443955	445827					
	447066	444537	447191	448418	447957	447834	450196	447246	447963	448485	448062	447460	446057	16.708	17.143	17.563	17.776
21	447260	448399	446340	447522	447911	448771	448760	449068	446070	447726	447863	448859					
	448769	450008	450912	447842	446100	446491	447630	447363	447103	449738	448192	446379	447962	16.726	17.194	17.550	17.725
22	447107	448527	445529	445848	443639	443524	446103	446752	449064	449111	449430	451112					
	448750	450310	450409	447730	447753	450207	449687	450440	449898	447832	448284	447053	448087	16.741	17.183	17.557	17.705
23	445228	445019	444929	444609	444197	444206	445827	445157	445778	447087	446506	444908					
	447797	448848	447827	450527	449233	448818	448054	450063	448021	443827	448124	446749	446722	16.754	17.188	17.588	17.695
24	446955	448152	446148	444025	445295	446688	446894	445949	446420	448320	445366	445562					
	444127	443264	444137	442374	442520	442674	441995	443502	443174	443213	442210	443800	444698	16.716	17.195	17.559	17.737
25	442939	445073	442606	441288	443692	441152	442188	442473	442707	443031	444797	444256					
	447261	445585	446336	446991	444122	445183	445141	444869	447360	446141	447137	446070	444517	16.717	17.147	17.567	17.747
26	444591	446297	444469	444896	444599	444389	444438	446058	445980	446146	444981	445919					
	448010	447893	448157	448682	445586	446716	445855	445936	446216	442363	446094	444875	445798	16.713	17.207	17.552	17.730
27	447069	445714	444702	446599	443780	444795	445426	446829	444401	443916	447670	447005					
	446878	447914	447690	449015	448783	449213	449164	448410	448411	447096	446916	445832	446801	16.746	17.176	17.588	17.725
28	447239	447578	447001	449887	449421	447467	449336	450201	450845	450961	452272	452303					
	454410	454830	454308	453338	451122	451999	453884	451922	451782	451661	451311	453137	451176	16.728	17.172	17.562	17.738
29	451789	450414	452643	450484	451384	450259	452798	453103	453668	452268	450520	451073					
	451776	453953	454933	454896	451825	453972	453169	452979	450956	450689	447681	449889	451963	16.708	17.192	17.536	17.763
30	448306	449569	450864	450238	452449	452015	451537	450431	450803	452171	453597	452675					
	452920	452794	455216	452162	453196	451490	452252	452473	450542	451087	452250	451684	451780	16.719	17.153	17.558	17.777

MONTHLY AVERAGE = 450640

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = MAY

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVERAGE	R1	R2	R3	R4
	13	14	15	16	17	18	19	20	21	22	23	24					
1	448751	449629	452218	451106	450747	449998	453672	451715	451994	453260	453607	454667					
	453776	455302	457159	455841	456403	455435	456283	456899	454838	454806	455183	455023	453680	16.726	17.173	17.544	17.763
2	456007	456898	456661	456299	456256	455888	455302	457241	455989	455602	455920	456914					
	457535	456093	458166	458894	458125	459607	460664	457729	456655	458143	458043	456443	457128	16.708	17.165	17.568	17.726
3	455849	455333	455511	455829	456212	456723	458654	456562	456809	457918	457394	456822					
	457154	459528	456875	457669	458660	457737	457142	458100	458006	458179	456446	455943	457127	16.704	17.188	17.547	17.750
4	453337	454584	454886	455422	456397	456055	456315	456610	457023	455352	456678	458884					
	459074	458725	457836	458244	457401	459068	458865	459275	455791	454727	456507	457101	456840	16.739	17.176	17.544	17.752
5	455732	454039	455403	454592	454996	455333	455907	457489	456321	459264	458611	456890					
	458254	459654	457831	459539	460024	457895	457463	456927	456358	456533	456532	455201	456950	16.695	17.189	17.596	17.734
6	454244	453221	451623	451373	451157	451590	453384	453160	454483	455885	457073	458600					
	459816	460846	459313	460041	456889	463032	462942	461825	460402	459492	456871	455681	456789	16.693	17.185	17.580	17.737
7	455390	455680	455735	454534	456892	457392	457446	456647	455330	457121	455589	455852					
	457830	459019	458492	459665	458409	459681	459704	458861	459356	455363	458321	455263	457232	16.703	17.193	17.555	17.762
8	452952	453733	453652	452976	452119	454501	453731	454497	453826	452198	451976	455797					
	455436	455488	456629	457527	457829	455549	455694	456430	455146	454693	454006	453240	454568	16.694	17.203	17.553	17.768
9	454911	451585	451426	450611	451823	452515	452342	453952	454215	456554	458773	456636					
	456972	458421	456983	455516	456325	456403	455834	456905	455330	455282	453038	452682	454793	16.717	17.168	17.577	17.751
10	450354	451047	452322	452156	450478	452580	455108	457289	457620	457447	458685	459673					
	458070	456237	457570	454354	455674	453778	457053	452946	453173	453857	452849	451003	454638	16.696	17.142	17.570	17.740
11	451166	449770	449381	448905	453094	454198	450119	452816	450555	451798	450404	451829					
	452866	452490	455550	456424	458028	458058	456319	455581	453848	453277	451991	451113	452899	16.707	17.191	17.575	17.705
12	455788	452586	451351	451726	451456	451503	451313	450997	452024	453306	453810	453918					
	453601	455392	453517	455011	452730	452368	451831	452093	452830	452447	450992	452118	452696	16.697	17.149	17.587	17.765
13	451251	451935	448305	450103	447608	449704	448388	450396	449202	450313	450533	450762					
	451564	450707	453787	453272	453872	453045	453283	453874	455448	455674	452192	450578	451491	16.738	17.152	17.586	17.732
14	449943	449318	447785	448835	449284	447037	449733	454701	455604	452789	453085	452719					
	451446	452574	451169	448967	449773	450097	450624	450464	449778	449719	451585	449329	450681	16.732	17.157	17.543	17.742
15	450651	448827	448947	448701	449051	450524	449737	451441	448654	450316	448870	450697					
	450180	450208	449934	448652	447559	445894	449526	448575	447939	447649	449046	447024	449108	16.694	17.141	17.547	17.738

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = MAY

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	448588	448045	446790	448762	449568	447914	448743	449564	449234	449629	449164	448120					
	450173	451449	449540	450225	450966	447570	450388	450149	451283	449074	449230	449498	449319	16.710	17.201	17.562	17.728
17	450270	449370	449632	449175	451431	449312	448819	451696	450095	451885	449800	450890					
	453041	452475	451431	451730	451532	449985	451263	450017	451017	451310	451941	453184	450888	16.722	17.204	17.575	17.724
18	449855	451522	450187	452293	451083	452334	450475	452917	452982	451973	451228	452719					
	453916	454202	451793	450784	454492	451406	451061	453616	450248	449314	447865	446068	451431	16.710	17.166	17.588	17.725
19	446357	445239	443866	444803	445300	444940	445581	445707	444671	445745	445173	444202					
	445427	446176	445902	448510	445842	443959	446900	446725	446782	446651	444213	445898	445607	16.728	17.198	17.553	17.717
20	444865	443176	442241	443482	443126	443948	440239	442527	444055	444775	446306	445088					
	446454	446918	444155	443984	444130	440666	440251	440815	440201	440470	440059	440843	443032	16.716	17.180	17.552	17.728
21	440901	442130	443345	444659	444115	442766	441349	438712	441375	439299	441139	440625					
	442407	443389	442236	441445	441752	446198	445895	447342	448566	448808	448278	446943	443486	16.741	17.152	17.585	17.722
22	442157	443810	440985	441613	441494	442377	444246	442163	441645	443968	442018	443938					
	444514	445661	444722	445014	444387	442604	444003	443924	444839	444029	444023	444291	443434	16.720	17.194	17.544	17.730
23	444148	441250	444198	442779	441486	444598	442380	447153	445581	446307	449182	441640					
	439981	443131	441243	432928	435344	438448	436742	431934	432106	436221	437620	438459	440619	16.717	17.160	17.561	17.735
24	436240	437022	434960	432998	434528	435968	436761	437431	437971	436036	439596	444795					
	444957	446468	447307	446538	447673	446371	446870	446403	446454	448064	444999	446656	441794	16.717	17.179	17.585	17.715
25	447831	447852	446359	448156	448015	450303	448514	450490	449239	447173	446020	447994					
	447891	452420	451501	448962	449365	447826	444880	444257	440829	441573	441205	443552	447175	16.703	17.197	17.575	17.737
26	444771	444327	445357	446021	444117	445119	446545	444077	443464	442814	443685	444270					
	446020	447306	448408	447216	447514	448437	448738	444822	445420	445752	446358	447272	445743	16.686	17.174	17.594	17.701
27	448466	448500	449246	446911	448452	448024	447687	449835	448084	449691	448464	448002					
	448299	445826	447257	447562	446974	446602	447396	445410	445499	445444	444938	445483	447419	16.721	17.217	17.518	17.733
28	444042	444333	442703	445083	442582	442312	444694	444917	444113	444724	444478	444865					
	445234	448423	446552	446047	446805	443335	448055	444046	444607	443966	442649	444453	444709	16.734	17.211	17.519	17.718
29	443923	446304	444675	447208	442708	443990	445623	447663	442941	446286	445916	448298					
	447459	447611	447035	448984	448596	448176		446811	445864	445125	447182	448859	446402	16.697	17.157	17.577	17.749
30	446389	450158	447107	447356	446716	447513	448402	447749	450592	449491	447894	448409					
	447926	452111	451241	448227	448040	449885	448796	450619	449747	451486	450685	449982	449022	16.753	17.181	17.546	17.704
31	451396	451574	449805	448034	447650	445434	450156	452406	449225	452093	449685	451919					
	451245	453041	451580	449908	450502	450911	450467	450287	449907	453081	451111	453097	450605	16.706	17.183	17.578	17.741

MONTHLY AVERAGE = 449526

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = JUNE

UT DAY	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVERAGE	R1	R2	R3	R4
	13	14	15	16	17	18	19	20	21	22	23	24					
1	452405	450460	450545	450868	453987	452192	451631	451913	451680	450221	450642	451918					
	451342	452060	452984	451874	450997	451138	450875	451855	452514	452408	453660	456965	451964	16.695	17.164	17.549	17.744
2	457308	457415	454053	454668	450853	453104	451242	451996	452659	453672	451682	452874					
	452738	451162	452093	452898	455275	454580	453354	453846	451576	451551	453277	449903	453074	16.718	17.173	17.579	17.744
3	451194	452353	450354	449374	446981	449947	448501	449259	448529	449256	451134	449993					
	451442	452793	450029	450226	449654	449854	449427	448681	448176	448451	447716	446864	449591	16.705	17.185	17.590	17.730
4	446263	446290	447581	446569	448323	447952	447985	450529	451302	450625	450196	450484					
	452132	450854	450704	449775	452261	449472	450120	450038	450238	448929	449422	448402	449435	16.715	17.187	17.590	17.731
5	448821	448460	446096	448078	446915	448189	450602	449099	450960	449984	449178	451188					
	451638	449881	451177	451939	450718	450782	449968	450927	450302	451110	449856	448788	449777	16.702	17.192	17.574	17.757
6	452148	448687	450939	451385	451490	449258	447848	450218	448293	451330	450061	449880					
	449575	452231	450749	452462	451633	451037	451632	451390	450975	450199	449314	449299	450501	16.724	17.171	17.583	17.700
7	449077	447243	451909	447100	449055	448611	449008	450624	450853	450023	452621	450145					
	452363	452747	451878	452111	450385	453187	451351	451541	449611	449149	448758	448189	450314	16.729	17.173	17.575	17.709
8	450891	448672	449356	450445	448719	448822	449195	449178	448216	449891	449501	451238					
	449342	452029	452808	454267	451454	452463	449801	450573	450230	450582	451522	451412	450442	16.723	17.160	17.572	17.738
9	450060	450587	450996	449586	449644	450107	450863	450999	451894	450901	453760	454778					
	453883	455231	456768	455168	456003	454637	454353	455397	452802	453757	453047	454669	452912	16.703	17.180	17.586	17.728
10	451855	450239	449564	450466	452216	449953	450494	448917	451945	451957	449605	452993					
	453051	452688	455059	452867	452722	453443	452610	450626	452112	448902	450088	448532	451371	16.723	17.179	17.564	17.729
11	447776	449965	447903	447250	445116	446561	447327	448639	445422	448574	447310	448357					
	448912	448892	448475	448597	450238	446002	449767	447975	449517	447470	448103	447677	447993	16.733	17.179	17.563	17.727
12	447644	446245	446472	447908	448487	447712	450334	448710	448091	450240	448700	450319					
	448627	450166	449045	450169	448993	450073	448804	447518	447649	449659	445986	447383	448539	16.728	17.228	17.578	17.694
13	446920	446954	446205	448391	447423	450464	452648	451413	451678	451096	448466	450089					
	452320	450735	451549	450889	450646	452341	448995	449660	449668	449204	449692	448495	449831	16.742	17.176	17.598	17.687
14	448393	450301	447790	448479	449298	450553	450786	451060	451410	449730	450891	452485					
	452300	452011	451182	452339	452962	450292	453054	451675	451344	452549	452124	449199	450925	16.714	17.174	17.586	17.726
15	451990	449948	450587	449138	449919	450565	447809	450753	452591	451999	453438	454106					
	453891	453502	454362	454754	452536	451890	453245	454877	452569	451435	451042	453123	452086	16.681	17.167	17.597	17.701

NORMALIZED PRESSURE CORRECTED DATA

YEAR = 2002

MONTH = JUNE

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	451872	450281	450195	449980	447938	450508	448174	449901	451690	452714	452063	451675					
	451477	452284	453394	454650	452789	451970	452912	451198	453522	453327	453376	452602	451687	16.741	17.206	17.566	17.719
17	453878	453170	453485	451024	452583	452757	453352	452032	452548	452156	454815	452979					
	454347	456063	455236	453937	452605	452750	450197	449264	447888	449356	449939	450535	452371	16.711	17.196	17.549	17.732
18	450528	450569	450108	452178	452068	451501	452695	453972	451618	452030	452179	452093					
	450335	452598	452287	451923	449583	449764	451605	447485	448702	448797	450151	451062	451076	16.720	17.158	17.591	17.741
19	449342	448281	447098	450088	450126	448437	449782	450077	447832	448667	449797	452640					
	451608	451452	452597	449677	451861	447050	446447	449223	447151	446270	450271	450783	449440	16.741	17.198	17.528	17.744
20	450115	449455	451086	449647	450998	450542	449850	450218	450546	452307	450900	452939					
	451723	451428	452494	450530	450244	450734	451447	450492	448307	449012	448854	450088	450581	16.733	17.226	17.564	17.728
21	450385	449541	450159	451363	452124	451664	453358	452071	450933	451202	451475	449696					
	452942	450200	451203	452511	450438	453942	450313	453100	453496	451069	451835	451381	451517	16.726	17.173	17.543	17.744
22	451620	451260	453343	451238	452194	452077	451136	451944	453531	453685	453072	452328					
	454025	452524	450911	453274	452741	451366	451290	449681	453707	453730	453463	452433	452357	16.711	17.179	17.590	17.758
23	453086	451262	451564	451433	453090	452343	454079	453533	456147	454163	454536	455066					
	454786	457405	454278	452419	455901	453939	453055	450818	452511	452554	452708	450000	453362	16.732	17.189	17.557	17.726
24	450466	453332	452193	450675	448931	450716	453451	452703	452752	451120	453994	453611					
	456416	455071	454503	454414	454278	453847	454048	452485	452613	451799	450866	451336	452734	16.690	17.160	17.571	17.725
25	452220	451842	452417	451064	452996	452045	453292	454559	453776	453939	454580	454393					
	453890	454635	455710	453487	453068	452946	450036	451759	453147	453021	452608	451395	453034	16.682	17.217	17.555	17.717
26	451554	452669	453136	454427	455043	453646	454872	453506	453769	451595	455195	455344					
	456798	457021	455058	454789	455592	453171	455002	454696	453895	454597	454214	452419	454250	16.702	17.191	17.554	17.766
27	453787	453642	454608	454676	455104	454327	455475	457088	459252	459409	457153	458916					
	454210	456792	456376	455479	452837	455811	454800	454648	456284	455560	455065	453030	455597	16.732	17.172	17.568	17.743
28	452274	452172	452792	453985	454915	453504	456737	455644	455875	457506	455837	454731					
	457479	457126	454180	454039	455068	455923	457085	455340	454095	453076	452025	453066	454770	16.694	17.205	17.549	17.745
29	453528	452466	453472	453617	452659	452990	453763	453727	456022	454611	457227	457460					
	456359	455733	457976	459164	457742	457119	456868	456963	455475	456313	454811	454392	455436	16.742	17.181	17.582	17.748
30	454402	453895	453635	452746	454156	454883	453076	455702	457211	457616	456681	459006					
	459350	458001	457553	457138	455872	454859	456946	455348	454130	454410	455529	455902	455752	16.676	17.176	17.594	17.743

MONTHLY AVERAGE = 451757

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = JANUARY

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	1020.54	1021.67	1022.61	1023.14	1023.95	1024.95	1026.07	1027.28	1028.35	1028.95	1029.07	1029.18	
	1029.52	1030.14	1031.02	1031.79	1032.65	1033.70	1034.54	1035.06	1035.31	1035.58	1035.92	1036.18	1029.46
2	1035.94	1036.20	1035.96	1035.63	1035.46	1035.13	1034.76	1034.59	1034.38	1034.00	1033.50	1032.60	
	1031.30	1030.33	1029.69	1029.18	1028.84	1028.74	1028.48	1027.84	1026.90	1026.57	1026.19	1025.62	1031.57
3	1025.41	1025.00	1024.61	1023.87	1023.60	1023.35	1023.52	1023.81	1023.98	1023.73	1023.10	1022.52	
	1021.78	1021.77	1022.04	1022.55	1023.38	1024.01	1024.70	1024.72	1025.16	1025.58	1026.03	1026.43	1023.94
4	1027.07	1027.73	1028.13	1028.42	1028.80	1029.41	1029.91	1030.65	1031.05	1030.84	1030.13	1029.55	
	1029.15	1029.16	1029.27	1029.54	1029.85	1030.13	1030.10	1030.25	1030.43	1030.65	1030.64	1030.39	1029.64
5	1030.48	1030.90	1030.76	1030.45	1030.52	1030.89	1030.94	1031.16	1031.57	1031.50	1031.00	1030.34	
	1029.94	1029.88	1029.77	1029.83	1029.82	1029.81	1030.04	1030.09	1030.14	1030.30	1030.31	1029.41	1030.41
6	1029.06	1029.15	1028.90	1028.71	1028.74	1029.09	1029.32	1029.44	1029.68	1029.64	1028.97	1028.16	
	1027.30	1026.99	1026.68	1026.57	1026.48	1026.49	1026.36	1026.02	1026.16	1026.24	1025.99	1025.74	1027.75
7	1025.30	1025.23	1024.82	1024.32	1024.15	1024.25	1024.45	1024.53	1024.82	1024.88	1024.47	1023.92	
	1023.71	1023.79	1024.11	1024.37	1024.75	1025.32	1025.83	1026.16	1026.71	1027.11	1027.37	1027.40	1025.07
8	1027.54	1027.89	1027.93	1028.05	1028.25	1028.66	1028.96	1029.15	1029.63	1030.11	1030.01	1029.66	
	1029.26	1029.23	1029.37	1029.52	1029.96	1030.59	1030.94	1031.40	1031.87	1032.19	1032.38	1032.56	1029.80
9	1032.96	1033.38	1033.50	1033.54	1033.69	1033.98	1034.51	1034.94	1035.24	1035.60	1035.35	1034.68	
	1034.14	1034.00	1034.10	1034.03	1034.18	1034.36	1034.60	1034.68	1034.58	1034.77	1034.78	1034.62	1034.34
10	1034.32	1034.42	1034.08	1033.73	1033.56	1033.85	1034.09	1034.49	1034.68	1034.79	1034.09	1033.08	
	1032.52	1032.35	1032.09	1031.92	1031.78	1031.80	1032.01	1032.13	1032.23	1032.46	1032.50	1032.43	1033.14
11	1032.47	1032.50	1032.43	1032.43	1032.34	1032.54	1032.68	1032.91	1033.22	1033.29	1032.83	1032.08	
	1031.40	1030.82	1030.74	1030.65	1030.52	1030.59	1030.80	1031.03	1031.13	1031.28	1031.27	1031.09	1031.79
12	1030.88	1030.76	1030.57	1030.31	1030.18	1030.48	1030.63	1030.78	1030.98	1030.92	1030.45	1029.56	
	1028.70	1028.34	1028.12	1027.99	1028.02	1028.32	1028.39	1028.59	1028.56	1028.80	1028.85	1028.53	1029.49
13	1028.51	1028.44	1028.06	1027.97	1027.99	1027.95	1027.70	1027.61	1027.74	1027.76	1027.30	1026.42	
	1025.53	1024.87	1024.57	1024.44	1024.35	1024.25	1024.10	1024.06	1024.17	1024.15	1023.98	1023.68	1026.07
14	1023.35	1023.02	1022.76	1022.34	1022.14	1022.09	1021.84	1021.91	1022.38	1022.38	1021.99	1021.20	
	1020.55	1020.24	1020.18	1020.12	1020.04	1019.92	1019.91	1019.91	1019.95	1020.06	1019.94	1019.53	1021.16
15	1019.12	1018.63	1017.97	1017.46	1017.07	1016.86	1016.92	1017.16	1017.29	1017.69	1017.16	1016.24	
	1015.61	1015.39	1015.55	1015.80	1016.21	1016.64	1016.72	1016.79	1016.84	1017.00	1017.14	1016.94	1016.92

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = JANUARY

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	1016.82	1016.72	1015.99	1015.96	1015.90	1015.69	1015.27	1015.55	1016.28	1016.84	1016.83	1016.25	1015.89
	1015.56	1015.11	1014.85	1014.95	1015.02	1015.28	1015.40	1015.64	1016.00	1016.26	1016.52	1016.60	
17	1016.58	1016.70	1016.75	1016.43	1016.46	1016.70	1016.91	1017.08	1017.30	1017.48	1017.23	1016.75	1017.09
	1016.23	1016.03	1016.17	1016.41	1016.72	1017.13	1017.53	1017.81	1018.15	1018.35	1018.69	1018.60	
18	1018.55	1018.58	1018.40	1018.39	1018.54	1018.84	1019.13	1019.41	1019.82	1020.04	1019.63	1019.02	1019.39
	1018.54	1018.30	1018.56	1018.99	1019.45	1019.69	1019.96	1020.30	1020.57	1020.68	1021.02	1021.04	
19	1021.17	1021.50	1021.36	1021.36	1021.38	1021.96	1022.39	1022.72	1023.13	1023.75	1023.60	1023.18	1022.95
	1022.78	1022.43	1022.49	1022.72	1023.14	1023.60	1023.94	1024.24	1024.37	1024.62	1024.66	1024.44	
20	1024.18	1024.11	1024.29	1024.24	1024.05	1023.97	1024.42	1024.65	1025.37	1025.86	1025.58	1025.29	1025.20
	1024.62	1024.35	1024.54	1024.81	1025.28	1025.32	1025.59	1026.50	1027.03	1027.05	1026.98	1026.66	
21	1026.31	1026.53	1026.25	1026.12	1025.74	1025.54	1025.38	1025.67	1025.43	1025.37	1024.88	1024.44	1024.41
	1023.76	1023.14	1022.89	1022.88	1022.91	1023.16	1023.38	1023.45	1023.36	1023.14	1023.07	1023.02	
22	1022.69	1022.48	1022.14	1021.91	1021.62	1021.48	1021.51	1021.82	1022.19	1022.08	1021.68	1021.17	1020.77
	1020.16	1019.82	1019.73	1019.63	1019.36	1019.16	1019.38	1019.65	1019.78	1019.68	1019.70	1019.74	
23	1019.67	1019.28	1019.06	1019.00	1019.23	1019.48	1019.73	1020.06	1020.21	1020.59	1020.26	1019.60	1019.09
	1019.09	1018.71	1018.76	1018.58	1018.68	1018.76	1018.78	1018.71	1018.36	1018.22	1017.93	1017.52	
24	1017.60	1017.08	1016.22	1015.54	1014.79	1014.13	1014.09	1013.75	1013.52	1013.09	1012.23	1010.65	1010.71
	1008.68	1006.88	1006.69	1007.12	1006.89	1006.23	1005.64	1006.22	1006.82	1007.67	1007.79	1007.83	
25	1007.85	1007.98	1008.07	1008.60	1009.60	1010.71	1011.78	1012.85	1013.44	1014.30	1015.22	1015.46	1015.47
	1015.72	1016.17	1016.75	1017.32	1018.12	1019.15	1020.15	1021.03	1022.11	1022.51	1023.05	1023.37	
26	1023.60	1023.60	1023.53	1023.97	1024.06	1024.27	1024.62	1025.00	1025.55	1025.96	1025.92	1025.67	1025.15
	1024.81	1024.76	1025.25	1025.26	1025.63	1025.94	1026.17	1025.87	1026.05	1025.99	1026.26	1025.93	
27	1025.66	1025.61	1025.37	1025.21	1025.16	1024.93	1025.00	1025.47	1025.58	1025.80	1025.41	1024.76	1024.04
	1023.94	1023.33	1022.88	1022.78	1022.80	1022.72	1022.71	1022.41	1022.21	1022.28	1022.44	1022.40	
28	1022.28	1022.35	1022.40	1022.26	1022.64	1023.43	1024.14	1024.90	1025.56	1025.82	1025.72	1025.41	1025.10
	1024.81	1024.46	1024.45	1024.83	1025.60	1026.22	1026.86	1027.17	1027.37	1027.89	1027.90	1027.85	
29	1027.93	1028.21	1028.37	1028.40	1028.36	1028.82	1029.42	1029.87	1030.21	1030.68	1030.64	1029.89	1029.41
	1029.20	1028.73	1028.65	1028.87	1029.29	1029.61	1029.71	1029.98	1030.11	1030.21	1030.37	1030.36	
30	1030.28	1030.38	1030.01	1029.84	1029.94	1030.12	1030.18	1030.50	1030.79	1031.06	1030.88	1030.47	1029.89
	1029.80	1029.53	1029.33	1029.29	1029.46	1029.58	1029.59	1029.58	1029.35	1029.23	1029.23	1029.04	
31	1028.76	1028.55	1028.11	1027.73	1027.47	1027.40	1027.33	1027.31	1027.17	1027.40	1027.27	1026.79	1026.53
	1026.24	1026.05	1026.05	1025.70	1025.61	1025.52	1025.24	1025.34	1025.27	1024.97	1024.74	1024.57	

MONTHLY AVERAGE = 1023.88

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = FEBRUARY

UT	1	2	3	4	5	6	7	8	9	10	11	12	DAILY AVERAGE
DAY	13	14	15	16	17	18	19	20	21	22	23	24	
1	1024.29	1024.13	1023.85	1023.77	1023.48	1023.70	1024.04	1024.23	1024.40	1024.70	1025.01	1025.08	1025.36
	1024.69	1024.63	1024.94	1025.32	1025.41	1026.13	1026.61	1027.26	1027.77	1028.11	1028.43	1028.64	
2	1028.73	1028.82	1028.64	1028.89	1029.26	1029.77	1030.20	1030.84	1031.27	1031.49	1031.38	1030.73	1030.48
	1030.07	1029.82	1029.76	1029.95	1030.47	1031.08	1031.37	1031.53	1031.90	1032.02	1031.83	1031.82	
3	1031.81	1031.88	1031.75	1031.63	1031.48	1031.40	1031.50	1031.45	1031.38	1031.23	1030.67	1029.88	1029.51
	1029.01	1028.42	1028.22	1027.92	1027.68	1027.48	1027.43	1027.22	1027.43	1027.36	1027.14	1026.89	
4	1026.53	1026.38	1026.05	1025.69	1025.40	1025.30	1025.53	1025.88	1026.03	1026.04	1026.12	1025.54	1025.36
	1024.90	1024.48	1024.29	1024.16	1024.34	1024.66	1024.86	1025.24	1025.30	1025.34	1025.34	1025.18	
5	1024.96	1024.71	1024.48	1024.37	1024.25	1024.27	1024.41	1024.46	1024.32	1024.10	1023.57	1022.77	1022.17
	1021.86	1021.21	1020.89	1020.50	1020.46	1020.53	1020.55	1020.18	1019.62	1019.14	1018.47	1018.00	
6	1017.46	1016.50	1015.29	1014.17	1013.14	1012.25	1011.56	1011.21	1010.37	1009.54	1009.26	1007.92	1008.75
	1006.83	1005.63	1004.53	1003.97	1004.31	1004.48	1004.35	1004.46	1005.14	1005.68	1005.86	1005.98	
7	1006.26	1006.61	1006.83	1007.30	1007.87	1008.58	1009.53	1010.38	1011.10	1011.93	1012.48	1012.80	1012.72
	1013.12	1013.32	1013.76	1014.22	1015.15	1016.17	1017.03	1017.47	1017.54	1017.86	1018.67	1019.23	
8	1019.87	1020.08	1019.54	1019.72	1020.90	1021.25	1021.80	1022.24	1022.49	1022.70	1022.67	1021.92	1021.54
	1021.58	1021.44	1021.30	1021.53	1021.72	1022.06	1021.96	1022.21	1022.23	1022.15	1021.98	1021.70	
9	1021.53	1021.02	1020.86	1020.84	1020.80	1021.00	1021.26	1021.67	1021.84	1021.77	1021.61	1020.96	1020.30
	1020.31	1019.76	1019.61	1019.36	1019.30	1019.43	1019.45	1019.55	1019.38	1019.03	1018.61	1018.13	
10	1017.45	1016.46	1015.53	1015.01	1014.43	1014.11	1013.83	1013.82	1013.99	1014.25	1013.89	1013.17	1014.02
	1012.49	1012.06	1011.66	1011.98	1012.40	1013.00	1013.48	1013.81	1014.32	1014.81	1015.15	1015.45	
11	1015.79	1016.12	1016.25	1016.48	1016.59	1017.00	1017.70	1018.20	1018.41	1018.91	1019.14	1019.08	1018.66
	1018.98	1018.82	1018.97	1018.86	1019.05	1019.65	1020.19	1020.37	1020.61	1020.89	1020.80	1020.98	
12	1020.72	1020.86	1021.06	1020.94	1021.08	1021.35	1021.96	1022.36	1022.64	1022.73	1022.77	1022.45	1022.02
	1022.11	1021.96	1021.82	1021.77	1021.97	1022.34	1022.56	1022.67	1022.74	1022.67	1022.60	1022.42	
13	1021.96	1021.63	1021.20	1020.88	1020.68	1020.57	1020.63	1020.76	1020.58	1020.32	1019.93	1019.07	1018.81
	1018.21	1017.58	1017.06	1016.85	1016.90	1017.03	1016.93	1016.82	1016.82	1016.70	1016.28	1016.13	
14	1015.77	1015.52	1015.28	1015.01	1014.90	1014.76	1014.81	1015.10	1015.36	1015.32	1015.23	1014.42	1014.27
	1013.71	1013.20	1013.12	1013.17	1012.74	1013.24	1013.22	1013.42	1013.90	1013.88	1013.59	1013.73	
15	1013.78	1013.65	1013.43	1013.34	1013.43	1013.23	1013.27	1013.48	1013.72	1014.10	1014.33	1014.28	1014.40
	1013.99	1013.44	1013.53	1013.69	1013.88	1014.53	1015.11	1015.47	1015.99	1016.76	1017.33	1017.84	

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = FEBRUARY

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	1018.13	1018.38	1018.50	1018.76	1019.05	1019.17	1019.79	1020.60	1020.90	1021.12	1021.32	1020.88	1020.11
	1020.41	1020.17	1020.06	1020.00	1020.17	1020.60	1021.02	1021.39	1021.18	1020.72	1020.34	1020.02	
17	1019.56	1019.08	1018.56	1018.11	1017.97	1017.93	1018.23	1018.41	1018.26	1018.23	1017.97	1017.43	1017.54
	1016.91	1016.61	1016.61	1016.63	1016.89	1017.09	1017.05	1016.92	1016.94	1016.64	1016.51	1016.50	
18	1016.17	1015.80	1015.18	1014.92	1014.93	1014.93	1014.90	1015.00	1014.96	1015.14	1015.23	1014.79	1015.63
	1014.23	1014.17	1014.49	1014.96	1015.32	1015.50	1015.86	1016.90	1017.46	1017.90	1018.09	1018.24	
19	1018.48	1018.70	1018.54	1018.75	1018.99	1019.40	1020.17	1020.43	1020.56	1020.76	1020.62	1020.29	1019.75
	1019.29	1018.95	1018.90	1019.06	1019.16	1019.63	1020.19	1020.45	1020.70	1020.64	1020.57	1020.68	
20	1020.67	1020.59	1020.30	1020.09	1019.88	1019.86	1019.95	1019.80	1019.37	1019.24	1018.43	1016.84	1015.30
	1015.84	1015.05	1014.20	1013.15	1012.08	1011.34	1010.32	1009.59	1009.04	1008.19	1007.12	1006.23	
21	1005.39	1004.43	1003.13	1002.29	1001.62	1000.89	1000.49	1000.33	999.77	999.44	999.12	998.53	1000.78
	998.52	998.51	998.81	998.93	999.38	999.93	1000.47	1001.00	1001.45	1001.66	1001.94	1002.72	
22	1003.51	1003.58	1003.50	1003.82	1004.30	1005.13	1006.34	1007.57	1008.55	1009.45	1009.97	1009.95	1008.91
	1009.99	1009.84	1009.83	1010.18	1010.84	1011.44	1011.99	1012.42	1013.00	1012.97	1012.81	1012.86	
23	1012.78	1012.58	1012.33	1011.88	1011.99	1011.79	1011.71	1011.62	1011.17	1010.76	1010.25	1009.56	1009.53
	1008.60	1007.89	1007.27	1007.24	1007.51	1007.63	1007.47	1007.88	1007.71	1007.41	1006.97	1006.72	
24	1006.24	1005.65	1005.09	1004.94	1004.90	1005.04	1005.50	1006.06	1006.47	1006.50	1006.44	1006.11	1007.44
	1005.68	1005.71	1006.02	1006.52	1007.21	1008.48	1009.64	1010.94	1011.90	1012.02	1012.46	1013.06	
25	1013.79	1014.22	1014.21	1014.30	1014.54	1014.83	1015.48	1016.05	1016.26	1016.32	1016.20	1016.15	1015.43
	1015.70	1015.48	1015.32	1015.20	1015.17	1015.39	1015.65	1015.75	1015.95	1015.99	1016.11	1016.18	
26	1016.16	1015.92	1015.82	1015.94	1016.46	1016.73	1017.17	1017.78	1018.18	1018.55	1018.60	1018.18	1017.16
	1017.70	1017.32	1017.07	1017.01	1017.02	1016.83	1017.09	1017.26	1017.53	1017.41	1017.19	1016.89	
27	1016.56	1016.06	1015.57	1015.29	1015.35	1015.42	1015.45	1015.59	1016.12	1015.99	1015.66	1015.28	1014.47
	1014.22	1013.59	1013.52	1013.23	1012.93	1013.11	1013.20	1013.07	1013.20	1013.06	1013.01	1012.90	
28	1012.54	1011.95	1011.60	1011.61	1011.59	1011.64	1011.78	1012.20	1012.60	1012.89	1012.88	1012.42	1012.18
	1012.03	1011.73	1011.56	1011.46	1011.55	1011.84	1012.00	1012.51	1013.19	1013.17	1012.84	1012.86	

MONTHLY AVERAGE = 1016.88

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = MARCH

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	1013.09	1013.09	1012.77	1012.68	1012.71	1013.00	1013.29	1013.52	1013.36	1013.46	1013.55	1013.06	
	1012.36	1011.88	1011.82	1011.65	1011.16	1011.18	1011.00	1010.76	1010.80	1010.81	1010.66	1010.61	1012.18
2	1010.67	1010.20	1009.84	1009.81	1010.05	1010.21	1010.70	1011.06	1011.38	1011.44	1011.13	1010.40	
	1009.62	1009.14	1008.74	1008.04	1007.91	1008.33	1009.09	1009.12	1009.38	1009.88	1009.66	1009.99	1009.82
3	1010.26	1010.60	1010.79	1011.30	1011.17	1011.21	1011.94	1012.40	1012.19	1012.35	1012.78	1013.23	
	1013.14	1012.59	1012.32	1011.74	1011.59	1011.61	1011.86	1012.02	1012.47	1012.89	1013.02	1012.91	1012.01
4	1012.88	1012.70	1012.47	1012.57	1012.58	1012.70	1013.19	1013.67	1013.51	1013.06	1012.51	1011.82	
	1010.99	1010.11	1009.46	1009.29	1009.41	1009.73	1009.55	1009.46	1009.06	1008.79	1008.70	1008.42	1011.11
5	1008.36	1007.98	1007.81	1007.69	1007.59	1007.41	1007.50	1007.80	1007.96	1007.88	1006.83	1005.60	
	1004.86	1004.81	1004.72	1003.92	1002.34	1001.38	1000.74	1000.82	1001.17	1001.47	1001.64	1002.03	1005.01
6	1002.01	1003.04	1003.77	1004.59	1005.29	1006.26	1007.29	1008.31	1009.47	1010.45	1011.27	1011.84	
	1012.23	1012.60	1013.02	1013.55	1014.12	1014.92	1015.67	1015.93	1016.66	1017.11	1017.13	1017.36	1011.00
7	1017.62	1018.04	1017.70	1017.61	1017.84	1017.57	1017.28	1017.77	1017.99	1017.62	1017.07	1016.01	
	1015.48	1015.09	1014.83	1014.83	1015.07	1015.40	1015.91	1016.13	1016.66	1016.67	1016.33	1016.24	1016.61
8	1016.25	1015.98	1015.63	1015.23	1015.17	1014.96	1014.97	1015.34	1015.90	1016.18	1016.39	1016.04	
	1015.91	1015.80	1015.87	1015.86	1016.12	1016.86	1017.11	1016.59	1016.45	1016.77	1016.92	1016.65	1016.04
9	1016.25	1015.33	1014.71	1014.23	1014.06	1013.81	1013.96	1014.29	1014.28	1014.18	1013.91	1013.34	
	1012.78	1012.35	1011.96	1011.45	1011.11	1011.36	1011.68	1011.93	1011.97	1011.74	1011.64	1011.62	1013.08
10	1011.40	1010.72	1010.48	1010.33	1010.34	1010.42	1010.81	1010.93	1011.18	1011.44	1011.52	1011.18	
	1010.46	1010.14	1009.92	1009.92	1010.32	1011.03	1012.12	1013.02	1013.85	1014.52	1015.22	1015.68	1011.54
11	1015.83	1015.77	1015.55	1015.42	1015.28	1015.35	1015.63	1015.86	1015.80	1015.45	1015.06	1014.40	
	1013.32	1012.66	1012.36	1012.40	1012.81	1013.63	1014.28	1015.18	1015.94	1016.36	1016.51	1016.72	1014.90
12	1017.04	1016.95	1017.03	1017.12	1017.05	1017.24	1017.69	1018.19	1018.27	1018.16	1017.88	1017.44	
	1016.80	1016.56	1016.81	1016.68	1016.94	1017.16	1017.69	1018.05	1018.45	1018.64	1018.64	1018.30	1017.53
13	1018.40	1018.31	1018.16	1017.72	1017.71	1017.81	1018.06	1018.27	1018.36	1018.27	1018.02	1017.46	
	1016.59	1015.97	1015.65	1015.48	1015.30	1015.36	1015.43	1015.70	1015.89	1015.73	1015.42	1015.25	1016.85
14	1015.21	1014.95	1014.42	1014.07	1013.92	1013.70	1013.66	1013.57	1013.41	1012.89	1012.35	1012.12	
	1011.67	1011.06	1010.55	1010.64	1010.89	1011.29	1011.36	1011.65	1011.89	1012.04	1012.26	1012.15	1012.57
15	1012.47	1012.41	1012.32	1012.30	1012.55	1012.58	1012.45	1012.52	1013.55	1014.10	1014.24	1013.99	
	1013.78	1013.80	1013.69	1013.50	1013.78	1014.02	1014.56	1015.15	1015.56	1015.89	1015.96	1016.10	1013.80

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = MARCH

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
16	1016.34	1016.10	1015.83	1015.79	1015.91	1016.15	1016.41	1016.62	1016.49	1016.20	1015.67	1015.29	
	1014.87	1014.60	1014.34	1013.87	1013.49	1013.55	1013.80	1014.27	1014.36	1014.23	1014.01	1013.82	1015.08
17	1013.93	1013.59	1013.29	1013.24	1013.24	1013.11	1013.12	1013.30	1013.34	1013.44	1013.41	1013.25	
	1012.86	1012.62	1012.49	1012.38	1012.57	1012.82	1013.08	1013.28	1013.59	1013.88	1014.05	1014.19	1013.25
18	1014.27	1014.33	1014.16	1013.81	1013.82	1013.83	1014.02	1014.33	1014.57	1014.76	1015.00	1015.02	
	1014.80	1014.64	1014.37	1014.25	1014.20	1014.37	1014.72	1015.43	1015.62	1015.60	1015.43	1015.49	1014.62
19	1015.33	1015.22	1014.88	1014.95	1015.05	1015.00	1015.29	1015.57	1015.63	1015.81	1015.63	1014.94	
	1014.87	1014.22	1013.79	1013.63	1013.81	1013.85	1013.71	1013.79	1013.42	1013.46	1013.09	1012.86	1014.49
20	1012.92	1012.85	1012.79	1012.80	1013.15	1013.63	1014.05	1014.54	1014.98	1015.29	1015.19	1014.98	
	1014.61	1014.22	1014.04	1014.19	1014.51	1014.89	1015.41	1015.59	1016.33	1016.28	1016.50	1016.74	1014.60
21	1017.07	1017.04	1016.89	1017.00	1016.70	1017.08	1017.64	1017.87	1018.18	1018.18	1017.97	1017.83	
	1017.12	1016.52	1016.47	1016.37	1016.31	1016.46	1016.81	1016.76	1016.87	1016.36	1015.60	1015.09	1016.92
22	1014.01	1013.80	1013.08	1012.58	1012.61	1012.65	1012.83	1013.32	1013.31	1013.43	1012.99	1012.31	
	1011.46	1010.73	1010.11	1009.27	1008.61	1008.48	1008.64	1008.70	1008.55	1008.16	1007.73	1007.26	1011.03
23	1006.67	1006.37	1005.91	1005.63	1005.89	1006.00	1006.09	1006.47	1006.34	1006.43	1007.59	1008.27	
	1008.46	1008.39	1008.70	1009.48	1010.27	1011.37	1012.26	1012.70	1013.18	1013.69	1013.77	1014.08	1008.92
24	1014.25	1014.28	1013.89	1013.95	1014.25	1014.38	1014.56	1014.36	1014.22	1014.13	1014.64	1014.24	
	1013.09	1012.58	1012.68	1013.67	1014.01	1014.76	1015.11	1014.93	1015.23	1014.52	1014.56	1014.56	1014.20
25	1014.33	1013.94	1013.66	1013.40	1013.39	1013.72	1013.97	1013.92	1013.95	1014.01	1014.01	1013.84	
	1013.58	1013.18	1012.96	1012.94	1013.20	1013.73	1014.30	1014.74	1015.04	1015.39	1015.66	1015.71	1014.02
26	1015.71	1015.46	1015.20	1015.19	1015.41	1015.74	1015.96	1016.03	1016.06	1016.02	1015.58	1015.24	
	1014.64	1014.35	1014.10	1013.91	1014.10	1014.58	1015.11	1015.58	1015.96	1016.17	1016.41	1016.71	1015.38
27	1016.86	1016.91	1016.88	1016.91	1017.18	1017.63	1018.09	1018.30	1018.45	1018.32	1017.88	1017.60	
	1017.20	1017.01	1016.91	1016.79	1017.11	1017.62	1018.21	1018.52	1018.90	1019.33	1019.70	1020.22	1017.85
28	1020.44	1020.47	1020.31	1020.24	1020.56	1020.80	1021.02	1021.27	1021.45	1021.57	1021.42	1021.06	
	1020.74	1020.50	1020.44	1020.54	1020.75	1021.07	1021.51	1021.92	1022.33	1022.68	1023.00	1023.24	1021.22
29	1023.26	1023.26	1022.92	1022.72	1022.77	1022.92	1023.56	1023.76	1023.72	1024.03	1023.80	1023.00	
	1022.17	1021.52	1021.13	1020.89	1021.08	1021.31	1021.71	1022.14	1022.41	1022.31	1022.08	1021.95	1022.52
30	1021.70	1021.27	1020.92	1020.70	1020.84	1021.09	1021.43	1021.54	1021.66	1021.62	1021.06	1020.38	
	1019.88	1019.57	1019.25	1018.96	1019.01	1019.04	1019.33	1019.95	1020.14	1020.05	1019.99	1019.74	1020.38
31	1019.47	1019.10	1018.90	1018.84	1018.88	1019.15	1019.43	1019.42	1019.44	1019.29	1018.81	1018.08	
	1017.37	1016.89	1016.50	1016.13	1015.96	1015.92	1016.21	1016.51	1016.55	1016.48	1016.60	1016.47	1017.77

MONTHLY AVERAGE = 1014.39

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = APRIL

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	1016.17	1015.99	1015.93	1016.00	1016.05	1016.27	1016.33	1016.40	1016.73	1016.74	1016.61	1016.49	1016.65
	1016.31	1016.09	1015.81	1015.79	1016.23	1016.66	1017.49	1017.94	1017.96	1017.85	1017.90	1017.93	
2	1017.96	1017.98	1017.90	1017.75	1017.53	1017.74	1017.89	1017.82	1017.53	1017.13	1016.39	1015.90	1015.39
	1015.38	1014.84	1014.30	1013.99	1013.92	1013.35	1013.36	1013.19	1012.68	1012.11	1011.61	1011.06	
3	1010.42	1009.48	1008.68	1008.16	1007.19	1006.65	1005.86	1004.95	1004.62	1004.35	1003.90	1003.36	1003.90
	1002.89	1002.10	1001.49	1001.21	1001.13	1001.17	1001.21	1001.34	1000.98	1001.01	1000.82	1000.57	
4	999.96	999.26	998.68	998.01	997.02	996.29	995.93	996.18	996.13	996.44	996.95	996.89	996.85
	996.87	997.05	996.47	996.12	996.04	996.07	996.44	996.65	996.56	996.50	996.18	995.78	
5	995.38	995.05	994.73	994.68	994.99	995.17	995.45	995.56	996.03	996.13	996.21	996.27	997.38
	996.39	996.46	996.67	997.20	997.88	998.71	999.73	1000.62	1001.02	1001.73	1002.33	1002.64	
6	1003.23	1003.65	1003.94	1004.35	1004.84	1005.44	1005.97	1005.98					1007.97
			1008.26	1008.40	1008.95	1009.71	1010.61	1011.38	1011.72	1012.21	1012.39	1012.38	
7	1012.54	1012.54	1012.70	1012.68	1013.12	1013.65	1013.88	1014.52	1014.69	1014.87	1014.69	1014.33	1014.06
	1014.10	1013.59	1013.78	1014.10	1014.57	1014.50	1014.67	1015.26	1015.21	1014.86	1014.61	1014.05	
8	1013.93	1013.94	1013.81	1013.65	1013.60	1014.03	1014.10	1013.94	1013.83	1013.40	1012.83	1012.30	1012.11
	1011.66	1011.08	1010.64	1010.55	1010.50	1010.24	1010.30	1010.78	1010.76	1010.42	1010.21	1010.12	
9	1009.85	1009.04	1008.22	1007.16	1006.68	1006.95	1006.84	1006.80	1006.70	1006.37	1006.29	1005.94	1005.83
	1005.54	1005.15	1004.64	1004.46	1004.21	1004.21	1004.31	1004.10	1004.18	1004.17	1004.18	1003.96	
10	1003.72	1003.71	1003.73	1003.95	1004.48	1004.77	1005.14	1005.44	1006.08	1006.28	1006.56	1006.40	1005.97
	1006.39	1006.16	1006.17	1006.20	1006.41	1006.73	1007.45	1008.10	1007.99	1007.81	1007.30	1006.40	
11	1005.57	1005.48	1005.59	1004.93	1004.30	1004.01	1004.12	1004.82	1003.90	1002.05	1001.44	1000.99	1000.29
	999.55	997.45	997.05	997.30	997.43	996.74	997.29	996.21	995.45	995.40	995.66	994.24	
12	992.98	991.94	990.95	990.79	990.70	990.58	991.61	992.69	993.43	993.77	993.87	993.89	993.63
	993.87	993.62	993.45	993.35	993.36	993.80	994.73	995.47	995.77	996.72	997.62	998.09	
13	998.32	998.59	998.94	998.91	998.91	999.09	999.36	999.63	1000.17	1000.66	1000.67	1000.22	1000.08
	999.65	999.76	1000.06	999.87	999.63	999.58	1000.89	1001.30	1001.47	1001.82	1002.12	1002.40	
14	1002.58	1002.59	1002.66	1002.81	1003.23	1003.84	1004.35	1004.72	1005.14	1005.62	1005.77	1005.71	1005.49
	1005.66	1005.62	1005.83	1006.02	1006.20	1006.59	1007.12	1007.65	1007.93	1008.11	1008.20	1007.94	
15	1007.59	1007.32	1007.14	1007.09	1007.29	1007.52	1007.57	1007.69	1008.03	1008.51	1008.81	1008.96	1008.53
	1008.95	1008.70	1008.63	1008.57	1008.66	1008.81	1009.14	1009.60	1009.80	1010.00	1010.16	1010.17	

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = APRIL

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	1009.98	1009.86	1009.94	1009.90	1009.98	1010.32	1010.43	1010.38	1010.32	1010.17	1010.20	1010.28	
	1010.30	1010.09	1009.89	1010.10	1010.30	1010.65	1011.18	1011.70	1011.94	1011.87	1011.77	1011.55	1010.54
17	1011.19	1010.78	1010.38	1010.21	1010.19	1010.61	1010.77	1010.74	1010.96	1011.04	1011.28	1011.47	
	1011.20	1011.01	1010.88	1011.08	1011.17	1011.65	1012.29	1012.69	1013.00	1012.99	1013.08	1013.32	1011.42
18	1013.30	1013.19	1013.35	1013.44	1013.70	1014.06	1014.26	1014.28	1014.26	1014.05	1013.73	1013.41	
	1013.20	1013.19	1013.11	1013.35	1013.61	1013.87	1014.42	1015.11	1015.59	1015.88	1015.96	1015.97	1014.10
19	1015.86	1015.77	1015.93	1015.90	1016.06	1016.45	1016.80	1016.92	1016.76	1016.57	1016.22	1015.83	
	1015.63	1015.23	1015.03	1015.26	1015.43	1015.80	1016.62	1017.23	1017.74	1017.89	1017.97	1017.95	1016.37
20	1017.48	1017.08	1017.22	1017.24	1017.47	1017.92	1018.19	1018.21	1018.02	1017.67	1017.31	1016.93	
	1016.51	1016.10	1015.92	1016.11	1016.39	1016.69	1017.13	1017.34	1017.16	1017.11	1016.89	1016.83	1017.12
21	1016.69	1016.81	1016.85	1016.95	1017.14	1017.71	1018.09	1018.26	1018.37	1018.51	1018.32	1017.83	
	1018.20	1019.05	1018.58	1019.37	1020.20	1020.54	1020.89	1021.27	1021.31	1021.36	1021.59	1021.66	1018.98
22	1021.29	1021.09	1021.05	1021.17	1021.62	1022.07	1022.32	1022.41	1022.51	1022.36	1021.93	1021.24	
	1020.67	1020.55	1020.44	1020.38	1020.52	1020.73	1021.55	1022.29	1022.66	1022.83	1022.81	1022.48	1021.62
23	1022.01	1021.67	1021.25	1020.97	1021.08	1021.34	1021.42	1021.29	1021.14	1020.71	1019.95	1019.22	
	1018.84	1018.51	1018.58	1018.75	1018.81	1018.98	1019.35	1019.89	1020.31	1020.42	1020.60	1020.50	1020.23
24	1020.13	1019.93	1019.60	1019.54	1019.82	1019.86	1019.70	1019.62	1019.25	1018.85	1018.24	1017.62	
	1017.08	1016.26	1015.55	1015.26	1015.18	1015.49	1015.74	1016.16	1017.36	1016.90	1016.43	1016.26	1017.74
25	1015.92	1015.63	1015.20	1015.07	1014.98	1015.23	1015.32	1015.26	1015.33	1015.25	1015.01	1014.60	
	1014.10	1013.81	1013.73	1013.96	1014.28	1014.33	1014.84	1015.72	1015.79	1015.96	1016.19	1016.24	1015.07
26	1016.14	1016.18	1016.17	1015.92	1016.18	1016.52	1016.66	1016.78	1016.88	1016.80	1016.46	1016.06	
	1015.96	1015.57	1015.24	1015.05	1014.92	1014.90	1015.11	1015.36	1015.44	1015.11	1014.96	1014.75	1015.80
27	1014.07	1013.33	1012.88	1012.36	1012.09	1011.87	1011.67	1011.18	1010.92	1010.73	1010.43	1009.78	
	1009.57	1009.04	1008.84	1009.01	1009.09	1009.61	1010.45	1011.80	1012.23	1012.10	1012.05	1012.28	1011.14
28	1012.59	1013.02	1013.71	1013.82	1013.75	1013.61	1013.64	1013.99	1014.48	1014.80	1014.62	1014.38	
	1014.21	1013.66	1013.31	1013.32	1013.16	1013.18	1013.60	1013.95	1014.08	1014.16	1014.13	1013.88	1013.79
29	1013.47	1013.40	1013.48	1013.27	1013.56	1014.09	1014.40	1013.92	1013.78	1013.80	1013.86	1013.85	
	1014.05	1013.70	1013.57	1013.54	1013.53	1013.81	1014.21	1014.67	1015.10	1015.39	1015.40	1015.08	1014.04
30	1014.57	1014.46	1014.52	1014.45	1014.83	1015.41	1015.73	1015.94	1016.19	1016.20	1016.29	1016.27	
	1016.22	1016.16	1016.01	1016.06	1015.96	1015.87	1016.13	1016.57	1016.65	1016.51	1016.53	1016.44	1015.83

MONTHLY AVERAGE = 1011.95

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = MAY

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	1016.06	1015.72	1015.51	1015.34	1015.43	1015.59	1015.51	1015.18	1014.92	1014.68	1014.36	1013.88	1013.56
	1013.39	1012.83	1012.40	1012.00	1011.71	1011.43	1011.37	1011.62	1011.78	1011.49	1011.67	1011.59	
2	1011.05	1010.54	1010.13	1009.67	1009.71	1010.02	1010.32	1010.01	1010.00	1009.79	1009.36	1009.69	1009.81
	1009.36	1009.16	1008.93	1008.79	1008.90	1009.23	1009.51	1010.17	1010.25	1009.97	1010.43	1010.56	
3	1009.71	1008.96	1008.05	1007.56	1007.45	1008.01	1008.12	1007.58	1007.50	1007.94	1008.41	1008.84	1008.74
	1009.00	1008.71	1008.46	1008.39	1008.23	1008.55	1008.93	1009.91	1010.66	1010.79	1010.39	1009.73	
4	1009.34	1008.36	1008.58	1009.63	1010.35	1011.31	1012.19	1012.46	1013.01	1013.34	1013.48	1013.38	1012.65
	1013.42	1013.33	1013.25	1013.33	1013.63	1013.95	1014.11	1014.67	1014.91	1014.75	1014.61	1014.28	
5	1013.57	1013.41	1013.37	1013.67	1013.95	1014.33	1014.50	1014.66	1014.92	1015.08	1015.14	1015.22	1015.27
	1015.38	1015.25	1015.35	1015.40	1015.42	1015.89	1016.31	1016.82	1017.16	1017.26	1017.23	1017.08	
6	1016.67	1016.56	1016.56	1016.67	1017.02	1017.16	1017.31	1017.18	1017.38	1017.52	1017.14	1016.50	1015.96
	1016.14	1015.53	1015.02	1014.57	1014.63	1014.63	1014.43	1014.75	1014.92	1014.99	1014.92	1014.85	
7	1014.67	1014.29	1014.37	1014.25	1014.14	1014.40	1014.53	1014.69	1014.55	1014.34	1013.48	1012.22	1011.88
	1010.99	1010.34	1011.02	1010.96	1010.41	1010.11	1009.19	1009.07	1008.62	1008.25	1007.97	1008.18	
8	1008.48	1008.11	1006.92	1006.10	1005.91	1005.69	1005.96	1006.23	1006.75	1007.23	1007.42	1007.19	1007.61
	1007.20	1007.22	1007.24	1007.33	1007.48	1007.81	1008.32	1008.97	1009.51	1009.68	1009.91	1009.86	
9	1009.83	1009.72	1009.70	1009.90	1010.48	1011.49	1012.52	1013.17	1013.86	1014.16	1013.97	1013.77	1012.99
	1013.73	1013.71	1013.57	1013.35	1013.29	1013.36	1013.70	1014.49	1014.96	1014.80	1015.12	1015.22	
10	1014.17	1013.55	1013.41	1014.11	1013.71	1013.30	1012.40	1012.16	1012.08	1011.56	1010.84	1010.19	1010.52
	1009.86	1009.13	1008.77	1008.61	1008.25	1007.80	1007.91	1008.23	1008.42	1008.17	1008.05	1007.80	
11	1007.39	1007.07	1006.80	1006.67	1006.70	1006.81	1006.89	1007.07	1007.32	1007.36	1007.41	1007.32	1008.04
	1007.16	1007.04	1007.21	1007.78	1008.41	1008.93	1009.51	1010.24	1010.37	1010.46	1010.43	1010.53	
12	1010.40	1010.31	1010.18	1010.55	1010.29	1010.92	1011.13	1011.48	1011.80	1012.15	1012.08	1012.01	1011.96
	1011.71	1011.45	1011.39	1011.63	1011.82	1012.20	1012.57	1013.36	1014.08	1014.53	1014.56	1014.43	
13	1014.22	1014.28	1014.50	1014.87	1015.13	1015.56	1015.85	1016.30	1016.39	1016.55	1016.64	1016.34	1016.47
	1016.02	1015.99	1015.90	1016.21	1016.24	1016.64	1017.33	1018.18	1018.90	1018.94	1019.09	1019.16	
14	1019.06	1019.27	1019.39	1019.34	1019.93	1020.52	1021.01	1021.34	1021.26	1021.39	1021.38	1021.14	1020.91
	1021.12	1020.96	1020.65	1020.71	1020.77	1020.81	1021.12	1021.70	1022.13	1022.21	1022.30	1022.34	
15	1022.13	1022.10	1022.14	1022.20	1022.66	1023.02	1023.18	1023.25	1023.13	1022.93	1022.66	1022.27	1022.30
	1022.04	1021.71	1021.45	1021.46	1021.18	1021.18	1021.69	1022.14	1022.52	1022.65	1022.82	1022.73	

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = MAY

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	1022.52	1022.51	1022.43	1022.54	1022.88	1022.93	1022.83	1022.62	1022.26	1021.96	1021.66	1021.33	1021.20
	1020.97	1020.56	1020.15	1019.98	1019.61	1019.70	1019.74	1019.95	1020.10	1020.07	1019.96	1019.58	
17	1019.12	1018.88	1018.69	1018.65	1018.79	1018.83	1018.77	1018.61	1018.28	1018.08	1017.99	1017.75	1017.44
	1017.55	1016.95	1016.50	1016.16	1016.14	1016.32	1016.20	1016.27	1016.33	1016.17	1015.94	1015.54	
18	1015.05	1014.75	1014.86	1015.03	1015.32	1015.50	1015.55	1015.50	1015.73	1015.73	1015.32	1014.72	1014.50
	1014.43	1013.83	1013.41	1013.78	1014.38	1014.90	1014.87	1014.41	1013.93	1012.62	1012.27	1012.12	
19	1011.96	1011.49	1010.78	1010.21	1010.43	1010.75	1010.35	1010.42	1010.68	1011.19	1011.32	1011.08	1010.92
	1010.83	1010.50	1010.28	1010.40	1010.50	1010.66	1010.86	1011.41	1011.78	1011.60	1011.48	1011.22	
20	1010.94	1010.82	1010.57	1010.34	1010.76	1010.71	1010.52	1010.74	1010.61	1010.65	1010.51	1010.12	1010.49
	1009.93	1009.77	1009.73	1010.19	1009.80	1009.91	1010.36	1010.71	1010.93	1010.93	1011.03	1011.15	
21	1010.96	1010.76	1010.57	1010.67	1011.05	1011.35	1011.57	1011.62	1011.63	1011.67	1011.62	1011.35	1011.16
	1010.93	1010.67	1010.55	1010.46	1010.63	1010.92	1011.25	1011.58	1011.73	1011.45	1011.47	1011.40	
22	1011.32	1011.26	1011.22	1010.99	1010.88	1011.27	1011.48	1011.43	1011.26	1011.09	1010.84	1010.99	1010.65
	1010.76	1010.42	1009.94	1010.02	1009.82	1009.80	1009.64	1009.77	1010.27	1010.45	1010.47	1010.23	
23	1009.58	1009.33	1009.52	1009.50	1009.21	1008.96	1008.62	1007.87	1007.93	1007.83	1007.57	1006.91	1007.54
	1006.30	1005.96	1006.05	1005.68	1004.80	1005.52	1006.27	1007.22	1007.75	1007.75	1007.70	1007.24	
24	1007.03	1006.48	1006.42	1006.06	1006.15	1006.25	1006.33	1006.65	1006.43	1006.29	1006.09	1006.46	1006.52
	1006.59	1006.52	1006.76	1006.55	1006.20	1006.34	1006.64	1006.92	1007.39	1007.04	1006.64	1006.26	
25	1005.96	1005.67	1005.40	1005.57	1005.92	1006.65	1007.41	1007.60	1007.63	1007.87	1007.92	1008.02	1007.53
	1007.85	1007.67	1007.65	1007.77	1007.82	1008.06	1008.25	1008.45	1008.92	1009.01	1008.98	1008.80	
26	1008.63	1008.39	1008.25	1008.26	1008.33	1008.60	1008.95	1008.90	1008.65	1008.62	1008.51	1008.53	1008.45
	1008.27	1007.85	1007.71	1007.59	1007.60	1007.83	1008.10	1008.60	1009.02	1009.04	1009.37	1009.26	
27	1008.92	1008.58	1008.30	1008.05	1008.50	1008.90	1009.17	1009.33	1009.38	1009.37	1008.81	1008.15	1008.00
	1007.75	1007.33	1006.96	1006.90	1006.99	1007.26	1007.58	1007.37	1006.99	1007.19	1007.33	1007.00	
28	1007.03	1006.42	1005.81	1005.32	1006.26	1006.75	1006.93	1007.15	1007.27	1007.32	1007.44	1007.61	1007.95
	1007.78	1007.75	1007.71	1007.82	1008.04	1008.28	1008.70	1009.48	1010.34	1010.92	1011.19	1011.37	
29	1011.40	1011.58	1011.93	1012.26	1012.71	1012.90	1013.12	1013.29	1013.43	1013.68	1013.72	1013.83	1013.96
	1013.87	1013.91	1013.91	1013.92	1013.98	1014.39	1014.94	1015.83	1016.44	1016.40	1016.60	1016.93	
30	1017.01	1017.08	1017.33	1017.60	1018.05	1018.28	1018.53	1018.78	1018.60	1018.60	1018.36	1018.49	1018.29
	1018.41	1018.41	1018.28	1018.04	1017.96	1018.11	1018.36	1018.76	1018.97	1018.96	1019.07	1019.01	
31	1018.93	1018.97	1018.88	1019.07	1019.33	1019.61	1019.80	1020.00	1019.96	1019.73	1019.29	1018.89	1019.17
	1018.60	1018.42	1018.39	1018.28	1018.34	1018.57	1018.87	1019.30	1019.65	1019.75	1019.78	1019.71	

MONTHLY AVERAGE = 1018.51

PRESSURE IN HECTOPASCAL

YEAR = 2002

MONTH = JUNE

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	1019.58	1019.30	1019.12	1019.20	1019.39	1019.48	1019.65	1019.70	1019.52	1019.48	1019.23	1019.02	
	1018.69	1018.45	1018.18	1017.95	1017.80	1017.81	1017.76	1017.90	1018.16	1018.19	1018.09	1017.62	1018.72
2	1017.05	1016.75	1016.53	1016.50	1016.45	1016.39	1016.43	1016.37	1016.16	1016.04	1015.81	1015.31	
	1014.77	1014.34	1014.11	1013.85	1013.67	1013.92	1014.33	1014.89	1015.43	1015.49	1015.30	1015.25	1015.46
3	1014.97	1014.88	1014.59	1014.38	1014.34	1014.40	1014.47	1014.66	1014.50	1014.44	1014.33	1014.00	
	1013.87	1013.64	1013.39	1013.22	1012.92	1012.68	1012.73	1013.17	1013.44	1013.31	1013.11	1012.80	1013.84
4	1012.07	1012.39	1012.17	1012.32	1012.52	1012.58	1012.94	1013.00	1012.61	1011.87	1012.09	1011.69	
	1011.49	1011.01	1011.12	1011.47	1011.73	1011.57	1010.90	1011.28	1010.85	1010.62	1009.88	1009.96	1011.67
5	1009.71	1009.20	1008.86	1010.38	1011.25	1009.98	1009.15	1007.61	1007.19	1007.32	1006.25	1007.16	
	1006.79	1006.45	1006.93	1006.30	1005.87	1005.31	1005.24	1005.36	1005.35	1005.23	1004.68	1004.74	1007.18
6	1004.58	1003.59	1002.79	1002.02	1001.90	1001.77	1001.88	1001.97	1001.93	1001.71	1001.64	1001.54	
	1001.32	1001.88	1002.11	1003.49	1003.93	1004.50	1005.09	1005.87	1006.84	1007.36	1007.66	1007.94	1003.55
7	1008.17	1008.31	1008.15	1008.13	1008.14	1008.34	1008.89	1009.20	1009.66	1010.27	1010.90	1010.80	
	1010.60	1010.33	1009.90	1009.75	1009.97	1010.31	1010.65	1011.09	1011.64	1011.91	1011.95	1012.03	1009.96
8	1011.80	1011.38	1011.12	1011.22	1011.49	1011.42	1011.37	1011.40	1011.27	1011.13	1010.95	1010.69	
	1010.30	1009.50	1009.28	1008.91	1009.15	1008.95	1008.18	1008.81	1008.66	1008.38	1007.99	1007.25	1010.02
9	1006.68	1005.94	1005.43	1004.95	1005.03	1005.24	1005.62	1005.97	1005.61	1005.57	1005.37	1005.17	
	1005.31	1005.23	1004.99	1004.63	1004.53	1004.76	1005.22	1005.74	1006.36	1006.53	1006.61	1006.96	1005.56
10	1007.01	1006.98	1007.17	1007.17	1007.25	1007.70	1007.99	1008.11	1007.98	1007.93	1007.87	1008.15	
	1008.36	1008.46	1008.42	1008.60	1008.77	1009.39	1009.68	1010.45	1011.29	1011.72	1011.65	1011.67	1008.74
11	1011.65	1011.80	1011.75	1011.85	1012.32	1012.77	1013.30	1013.49	1013.71	1013.92	1014.18	1014.31	
	1014.36	1014.49	1014.45	1014.71	1015.08	1015.42	1015.97	1016.63	1017.04	1017.18	1017.43	1017.32	1014.38
12	1016.86	1016.62	1016.65	1016.78	1017.00	1017.20	1017.40	1017.61	1017.63	1017.72	1017.46	1017.17	
	1017.00	1016.82	1016.74	1016.77	1016.98	1017.31	1017.32	1017.66	1017.92	1017.94	1018.06	1018.26	1017.29
13	1018.11	1017.78	1017.89	1018.07	1018.14	1018.34	1018.51	1018.74	1018.79	1018.60	1018.15	1018.19	
	1018.22	1018.11	1017.92	1017.42	1017.19	1017.28	1017.41	1017.83	1018.05	1018.09	1018.22	1018.13	1018.05
14	1017.74	1017.47	1017.33	1017.46	1017.55	1017.63	1017.89	1018.01	1017.96	1017.61	1017.35	1017.28	
	1017.27	1016.99	1016.73	1016.56	1016.60	1016.71	1016.79	1017.05	1017.43	1017.59	1017.57	1017.46	1017.33
15	1017.37	1017.25	1017.12	1017.23	1017.35	1017.54	1017.92	1017.94	1017.87	1017.69	1017.68	1017.59	
	1017.24	1016.87	1016.50	1016.31	1016.20	1016.31	1016.64	1017.07	1017.47	1017.58	1017.62	1017.50	1017.24

PRESSURE IN HECTOPASCAL

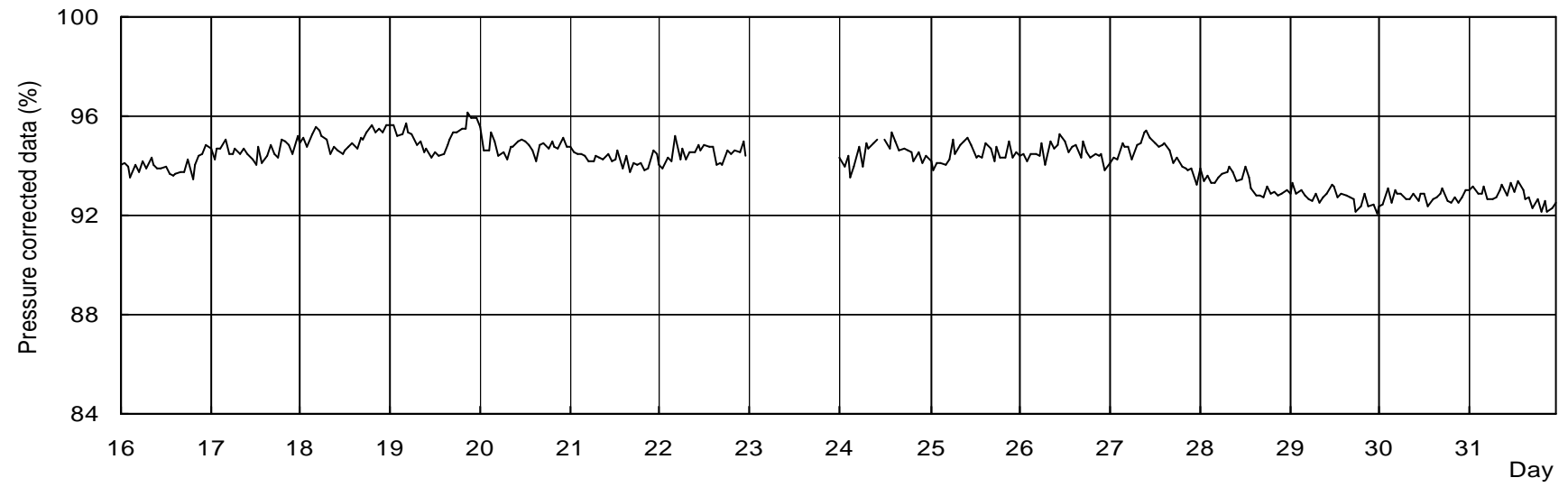
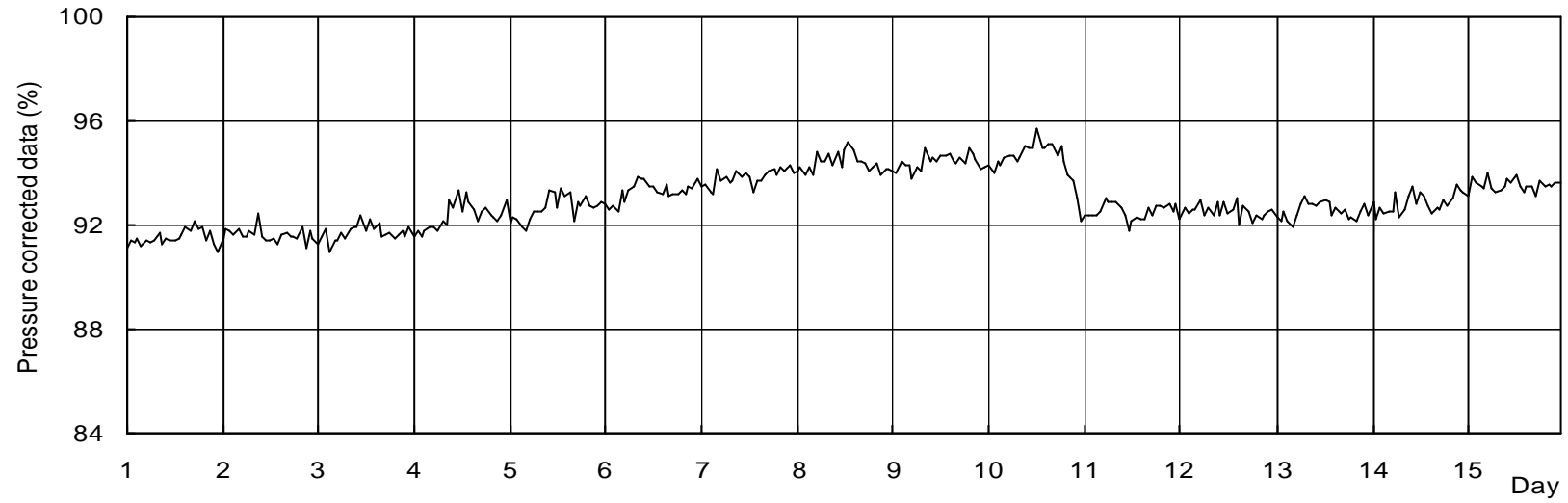
YEAR = 2002

MONTH = JUNE

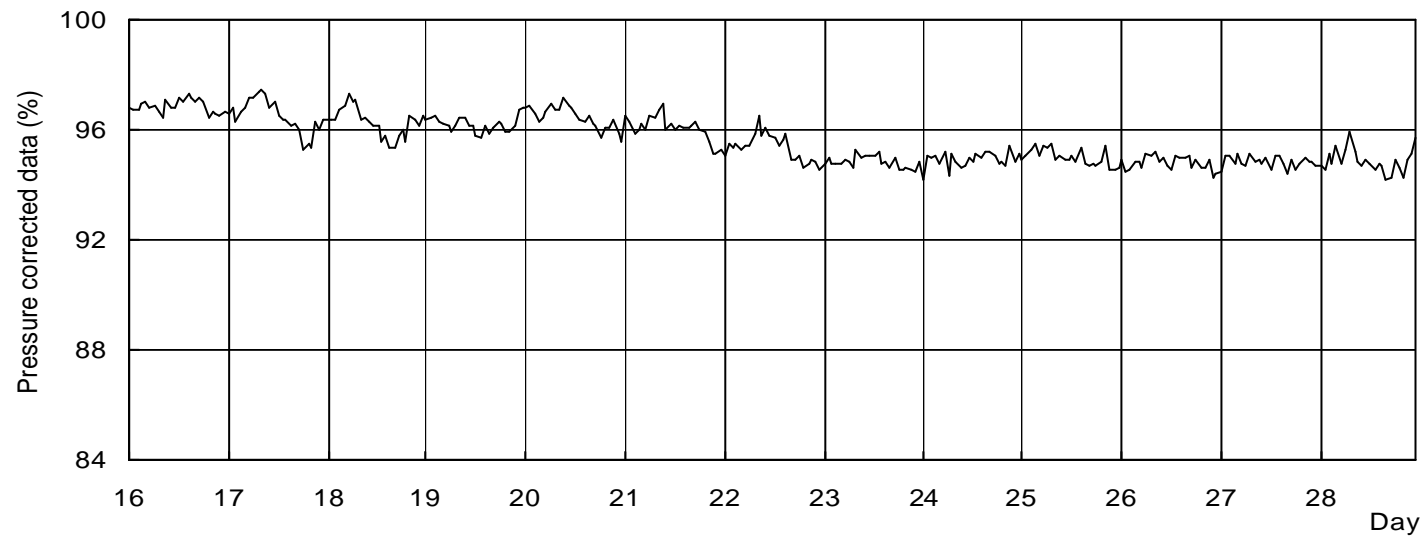
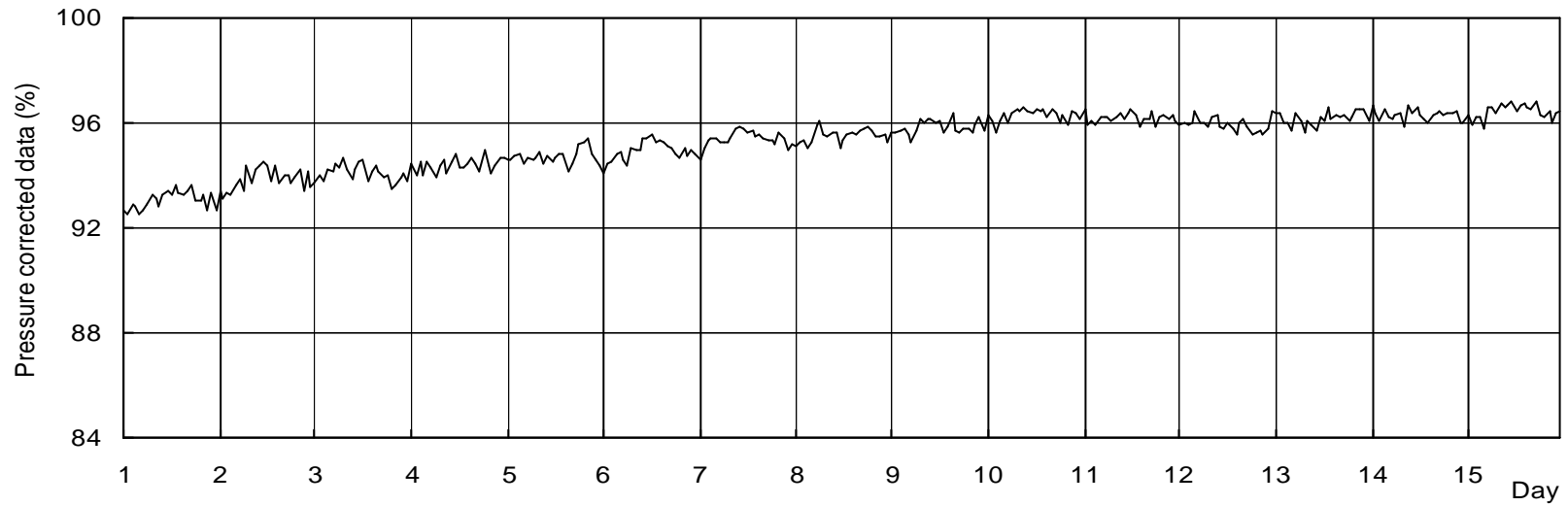
UT DAY	1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24	DAILY AVERAGE
16	1017.35	1017.12	1017.11	1017.22	1017.50	1017.80	1018.03	1017.96	1017.81	1017.55	1017.53	1017.37	1017.17
	1017.23	1016.86	1016.50	1016.16	1015.89	1015.98	1016.29	1016.89	1017.35	1017.46	1017.57	1017.51	
17	1017.09	1016.85	1016.94	1016.87	1017.03	1017.29	1017.78	1017.86	1017.84	1017.67	1017.54	1017.41	1017.15
	1017.04	1016.85	1016.64	1016.48	1016.20	1016.52	1016.91	1017.23	1017.34	1017.46	1017.50	1017.28	
18	1016.93	1016.58	1016.45	1016.59	1016.98	1017.25	1017.47	1017.44	1017.25	1016.98	1016.68	1016.32	1016.37
	1016.02	1015.75	1015.79	1015.57	1015.59	1015.74	1015.80	1016.08	1016.12	1015.97	1015.85	1015.65	
19	1015.31	1015.07	1015.10	1015.18	1015.46	1015.64	1015.88	1016.22	1016.14	1016.19	1016.26	1016.01	1015.74
	1015.77	1015.62	1015.50	1015.23	1015.18	1015.40	1015.50	1015.81	1016.24	1016.36	1016.35	1016.39	
20	1016.16	1016.11	1016.43	1016.76	1017.13	1017.31	1017.63	1017.82	1017.59	1017.45	1017.45	1017.39	1017.32
	1017.23	1017.02	1017.02	1016.89	1017.02	1017.16	1017.27	1017.69	1018.01	1018.20	1018.39	1018.55	
21	1018.33	1017.98	1017.95	1018.07	1018.23	1018.45	1018.48	1018.39	1018.16	1017.81	1017.77	1017.38	1017.21
	1016.91	1016.57	1016.07	1015.79	1015.86	1015.72	1015.83	1016.29	1016.74	1016.84	1016.83	1016.64	
22	1016.14	1016.02	1016.04	1016.14	1016.31	1016.44	1016.55	1016.54	1016.45	1016.35	1016.09	1015.98	1016.00
	1015.71	1015.59	1015.37	1015.13	1015.10	1015.30	1015.48	1015.89	1016.15	1016.34	1016.54	1016.42	
23	1016.07	1015.83	1015.78	1016.05	1016.44	1016.82	1017.25	1017.14	1017.07	1016.99	1016.88	1016.60	1016.14
	1016.25	1015.96	1015.71	1015.49	1015.43	1015.57	1015.39	1015.54	1015.78	1015.85	1015.81	1015.73	
24	1015.42	1015.16	1014.98	1014.90	1015.05	1015.23	1015.26	1015.42	1015.35	1015.24	1015.11	1014.95	1014.93
	1014.58	1014.42	1014.26	1014.41	1014.35	1014.35	1014.51	1014.92	1015.03	1015.18	1015.17	1014.95	
25	1014.48	1014.21	1014.18	1014.27	1014.30	1014.35	1014.49	1014.65	1014.75	1014.81	1014.59	1014.32	1014.96
	1014.18	1013.74	1014.19	1014.74	1015.04	1015.32	1015.87	1016.11	1016.42	1016.73	1016.69	1016.59	
26	1016.25	1016.09	1016.02	1016.32	1016.32	1016.55	1016.75	1016.68	1016.71	1016.75	1016.61	1016.49	1015.86
	1016.17	1015.65	1015.17	1014.73	1014.69	1014.72	1014.89	1015.23	1015.44	1015.54	1015.49	1015.29	
27	1015.09	1014.81	1014.76	1014.75	1014.83	1015.00	1015.10	1015.12	1015.02	1014.83	1014.52	1014.36	1014.19
	1014.22	1013.77	1013.26	1013.05	1012.96	1013.09	1013.15	1013.39	1013.83	1013.97	1013.83	1013.84	
28	1013.29	1013.01	1012.58	1012.53	1012.82	1013.00	1012.78	1012.49	1011.15	1011.69	1011.25	1010.82	1010.83
	1010.30	1009.89	1009.26	1009.03	1009.04	1009.02	1009.02	1008.94	1009.28	1009.42	1009.57	1009.80	
29	1009.90	1009.94	1010.03	1010.06	1010.46	1010.79	1011.17	1011.30	1011.52	1011.62	1011.57	1011.28	1011.58
	1011.25	1011.49	1011.56	1011.56	1011.43	1011.56	1011.78	1012.48	1013.33	1013.67	1014.15	1014.08	
30	1013.75	1013.52	1013.58	1013.47	1013.33	1013.57	1014.03	1013.43	1013.63	1013.98	1013.79	1013.25	1013.65
	1013.23	1013.23	1012.85	1012.88	1012.91	1013.11	1013.58	1013.66	1014.41	1014.66	1014.92	1014.89	

MONTHLY AVERAGE = 1013.97

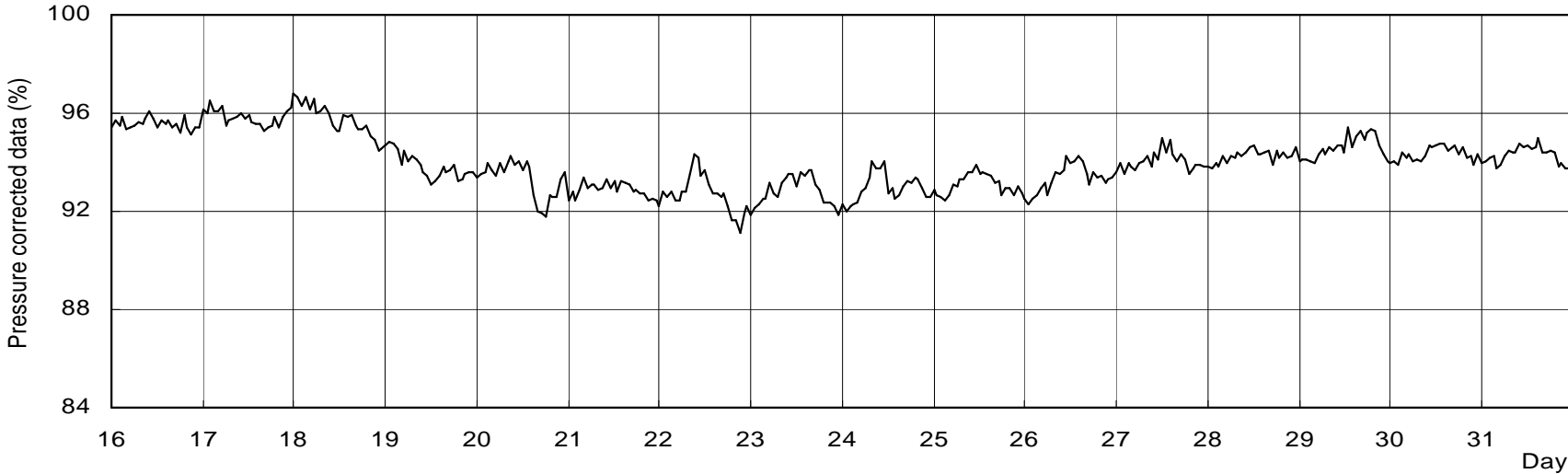
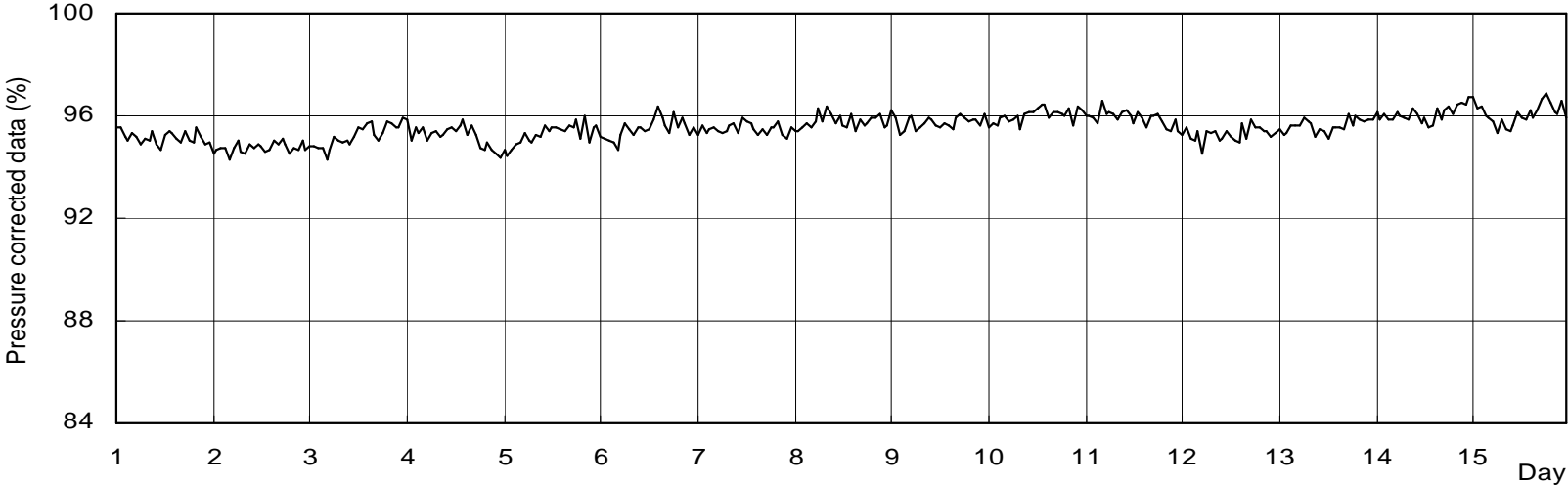
ROME 17-NM64 JANUARY 2002



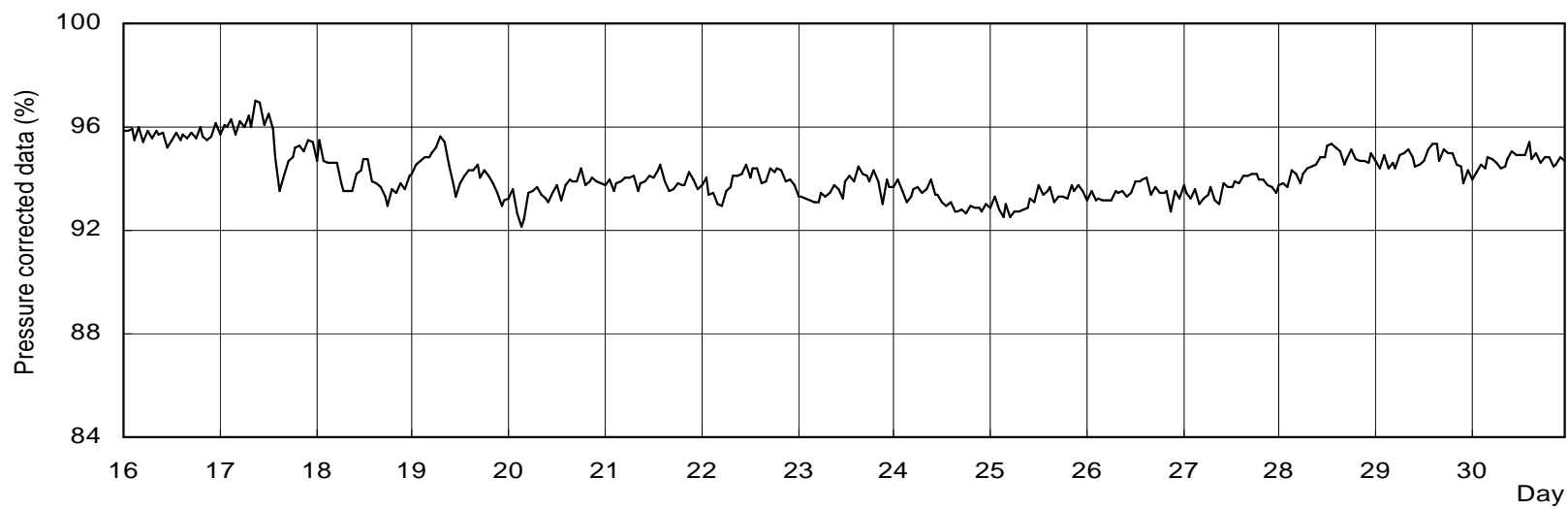
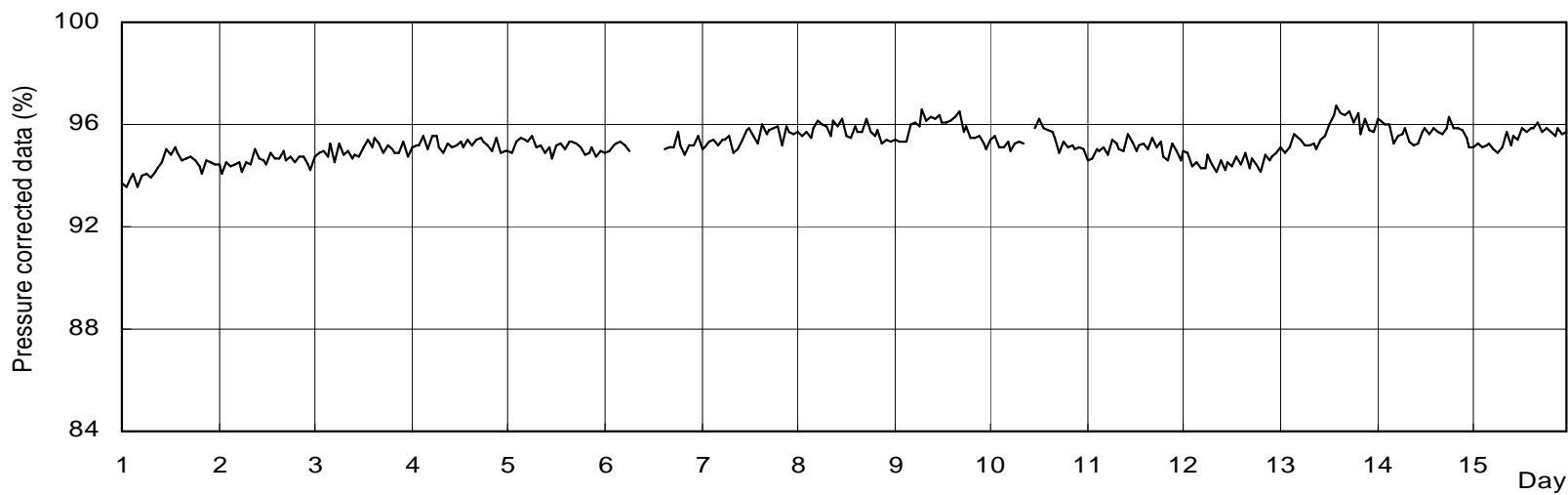
ROME 17-NM64 FEBRUARY 2002



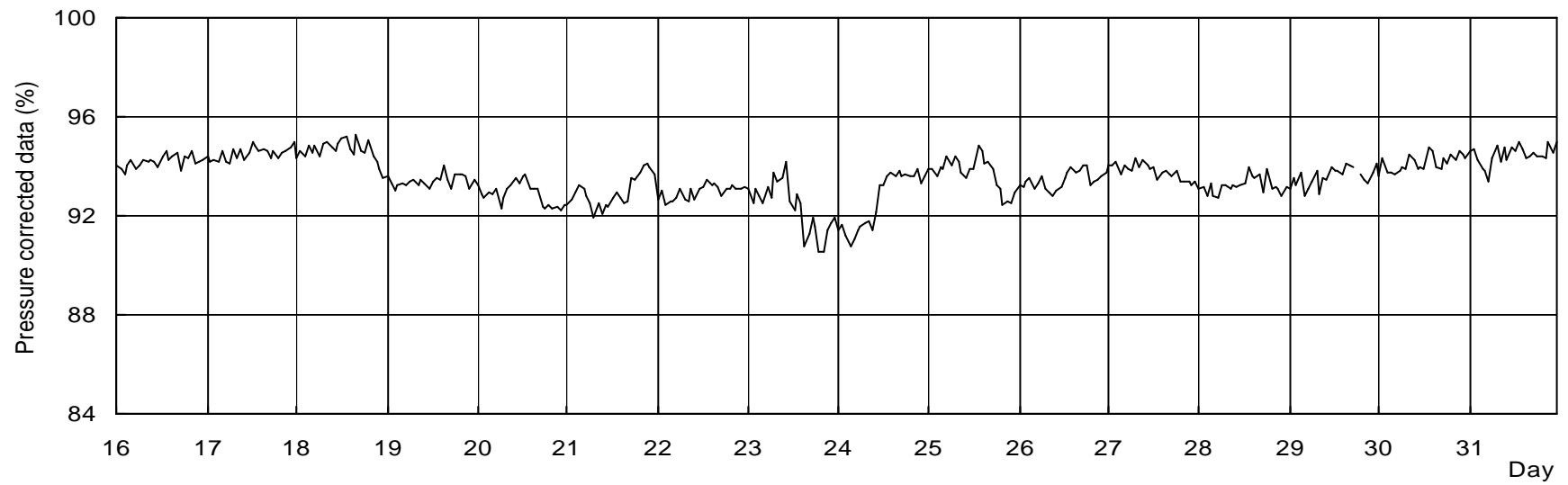
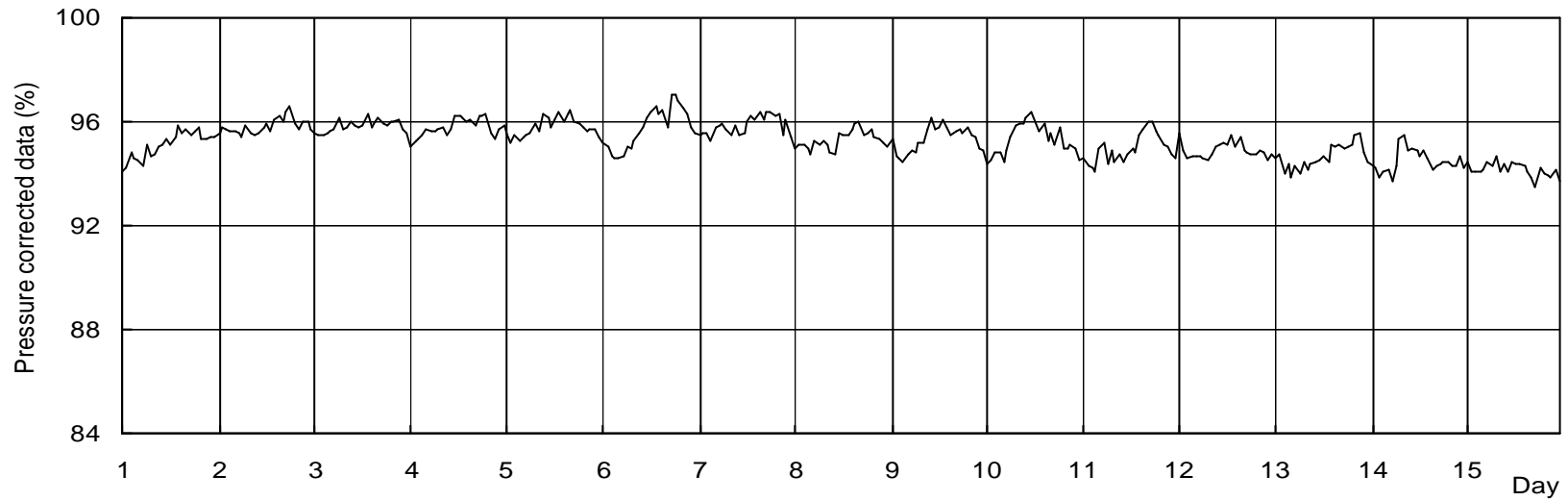
ROME 17-NM64 MARCH 2002



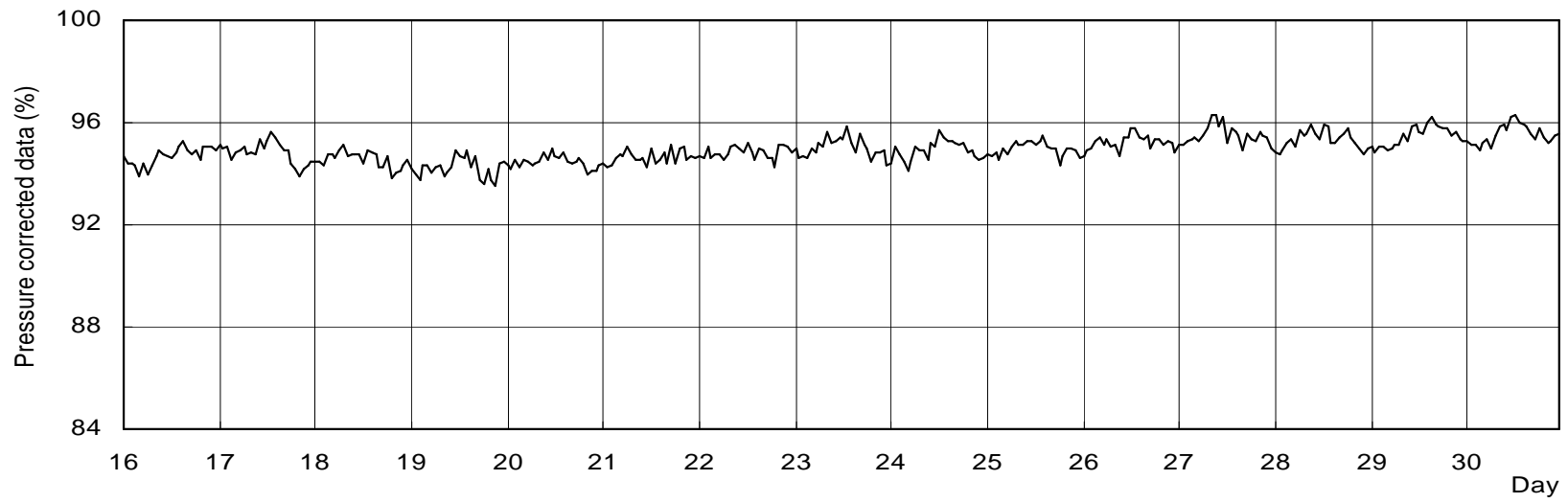
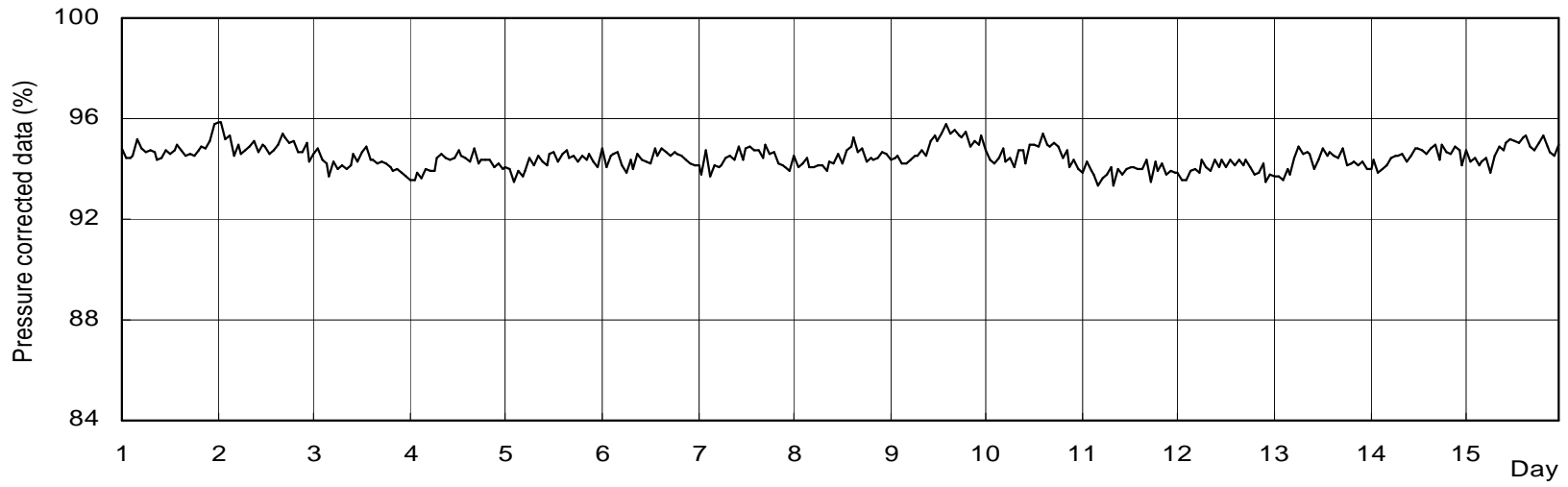
ROME 17-NM64 APRIL 2002



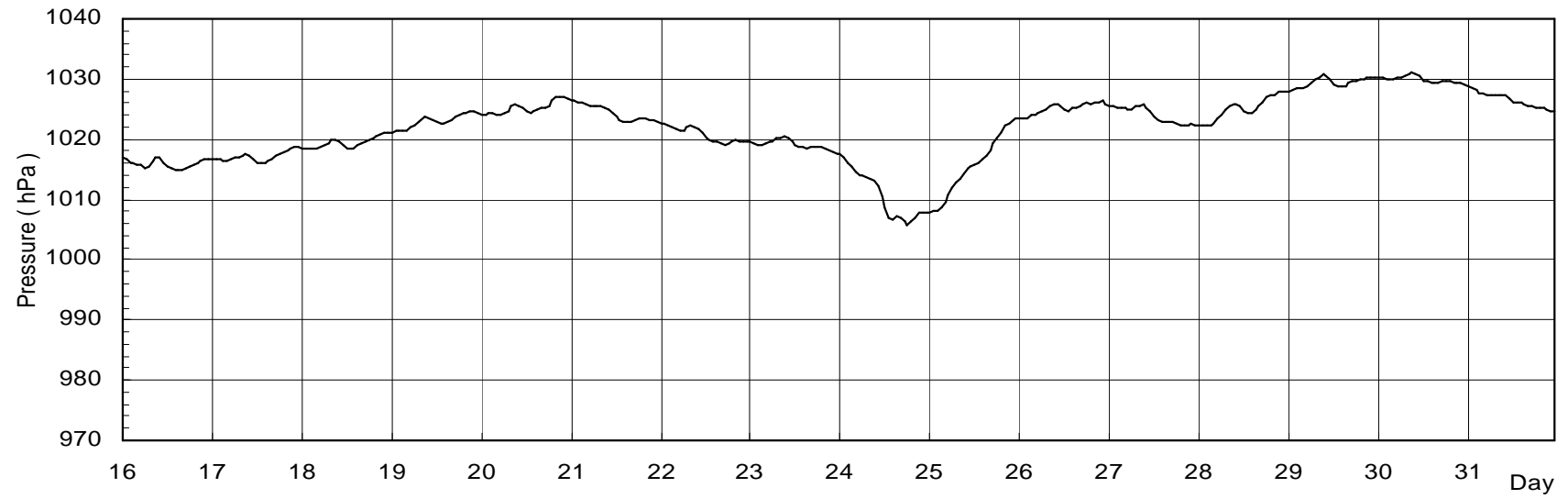
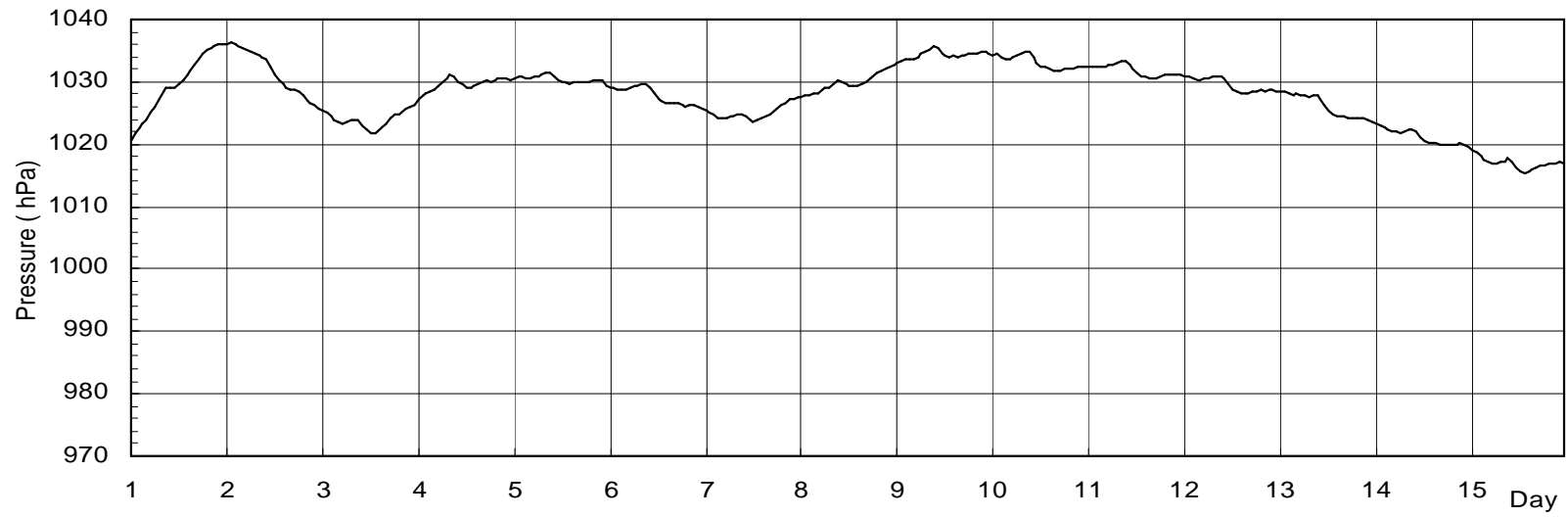
ROME 17-NM64 MAY 2002



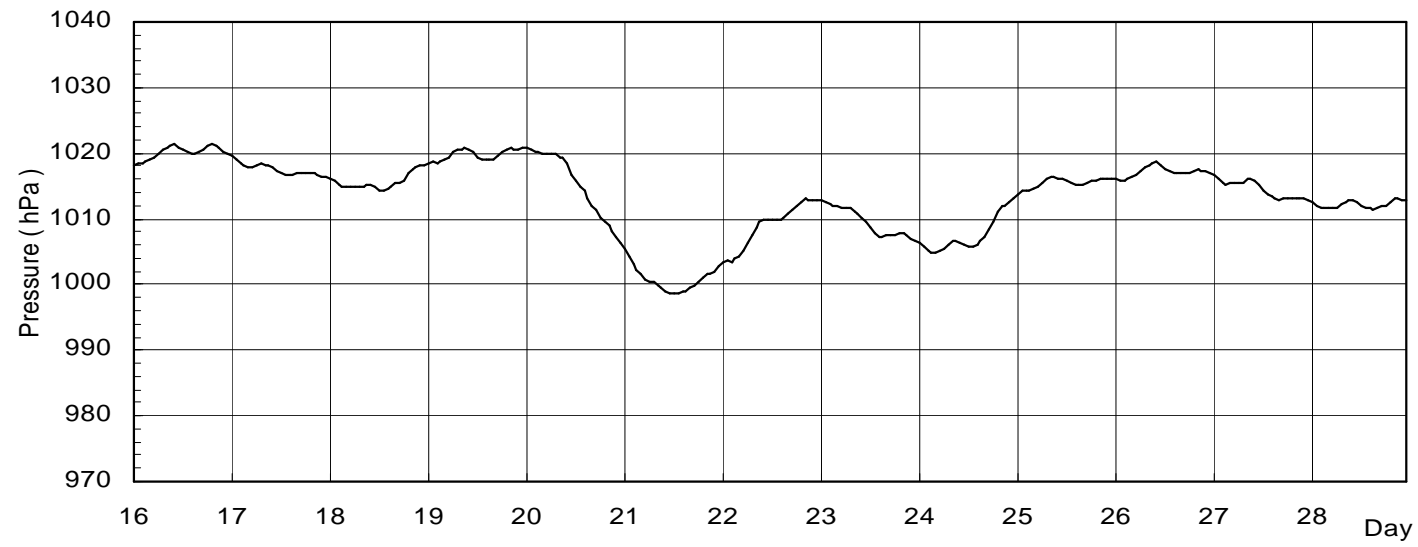
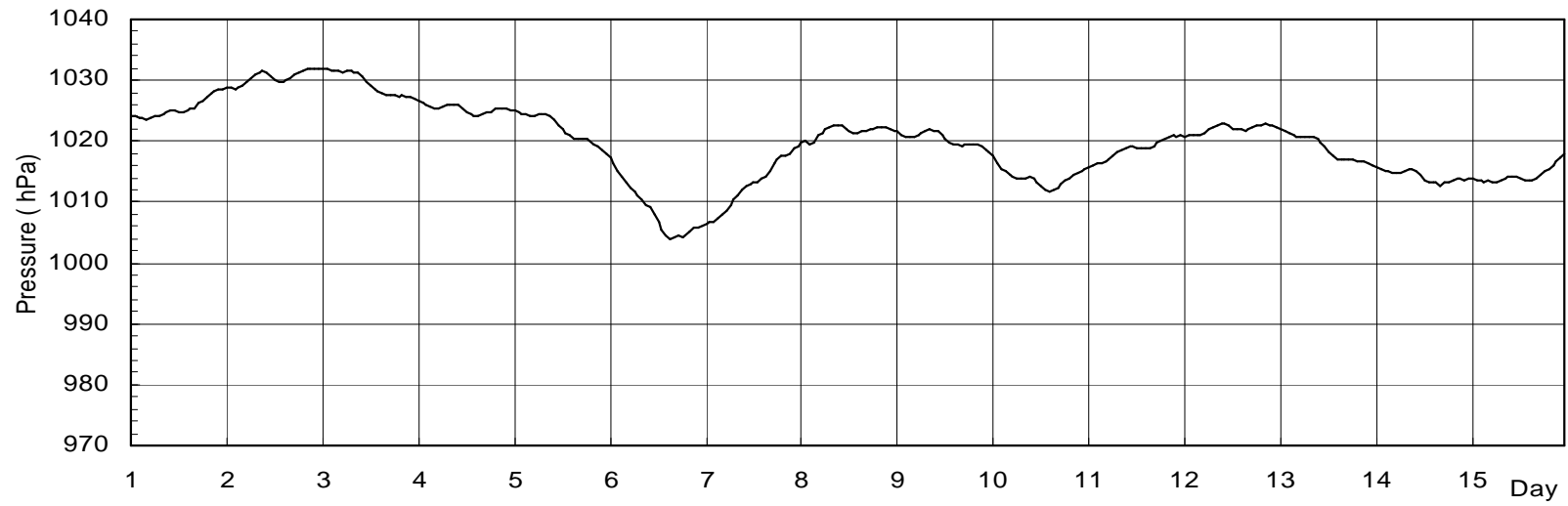
ROME 17-NM64 JUNE 2002



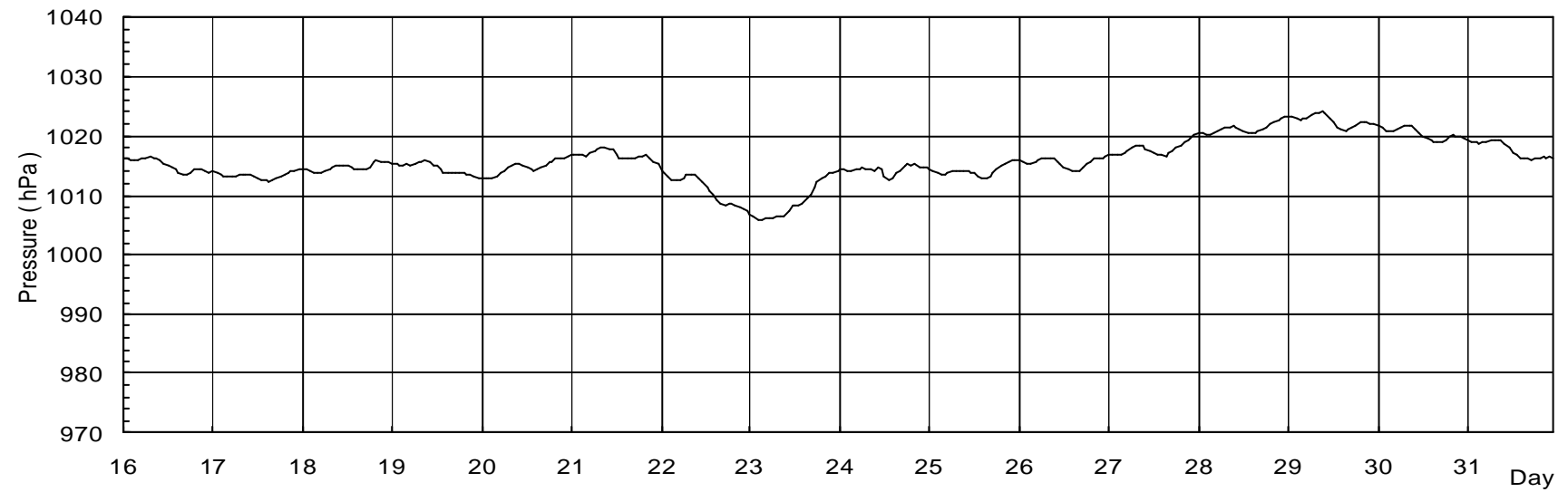
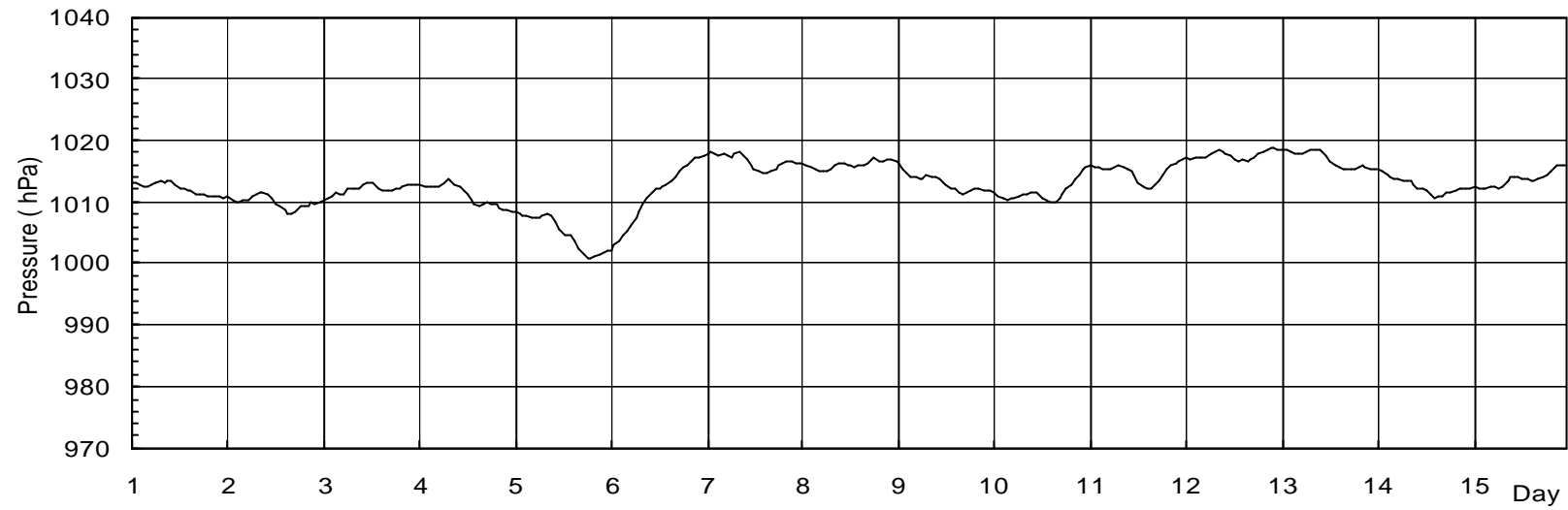
ATMOSPHERIC PRESSURE JANUARY 2002



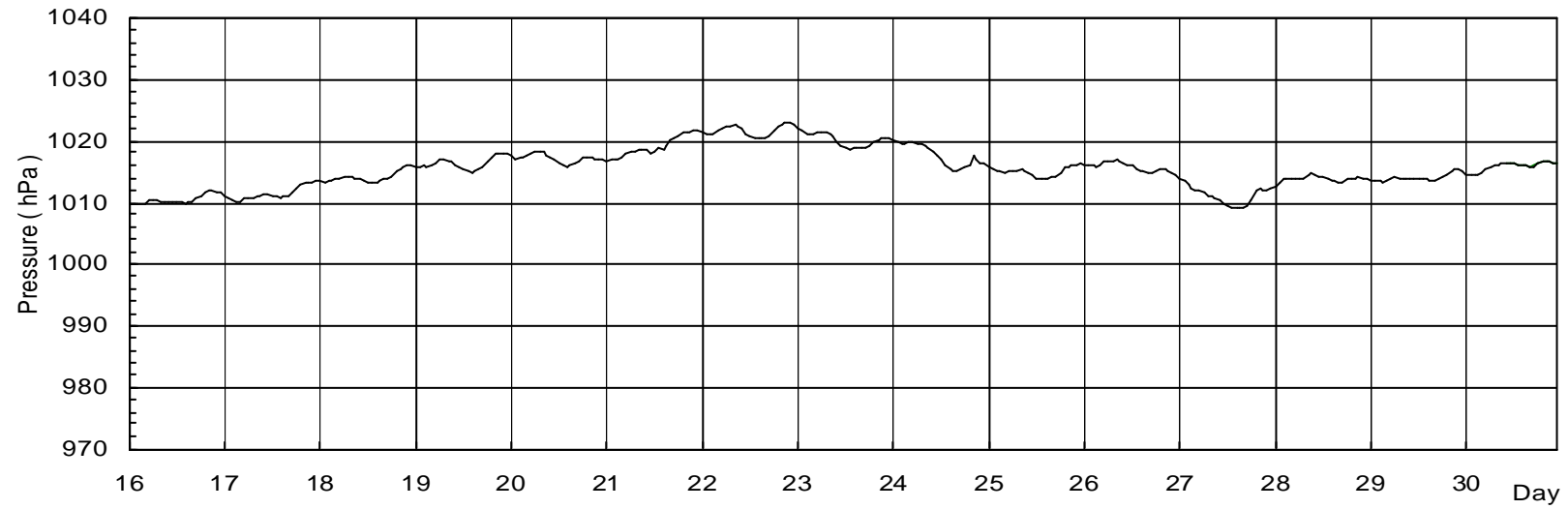
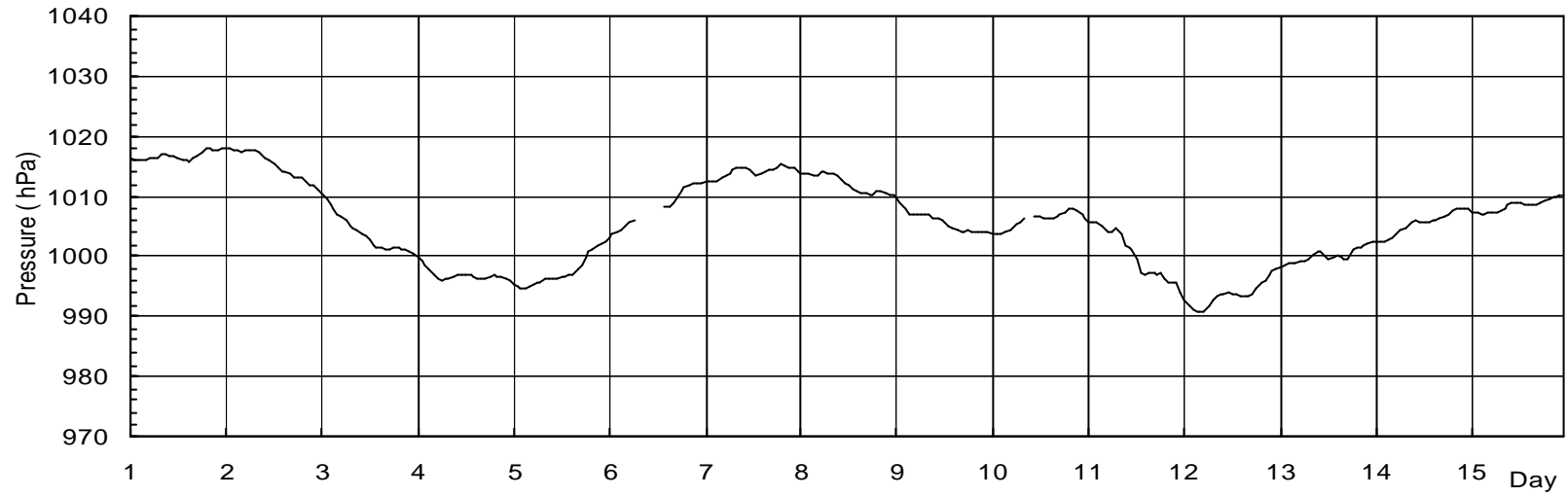
ATMOSPHERIC PRESSURE FEBRUARY 2002



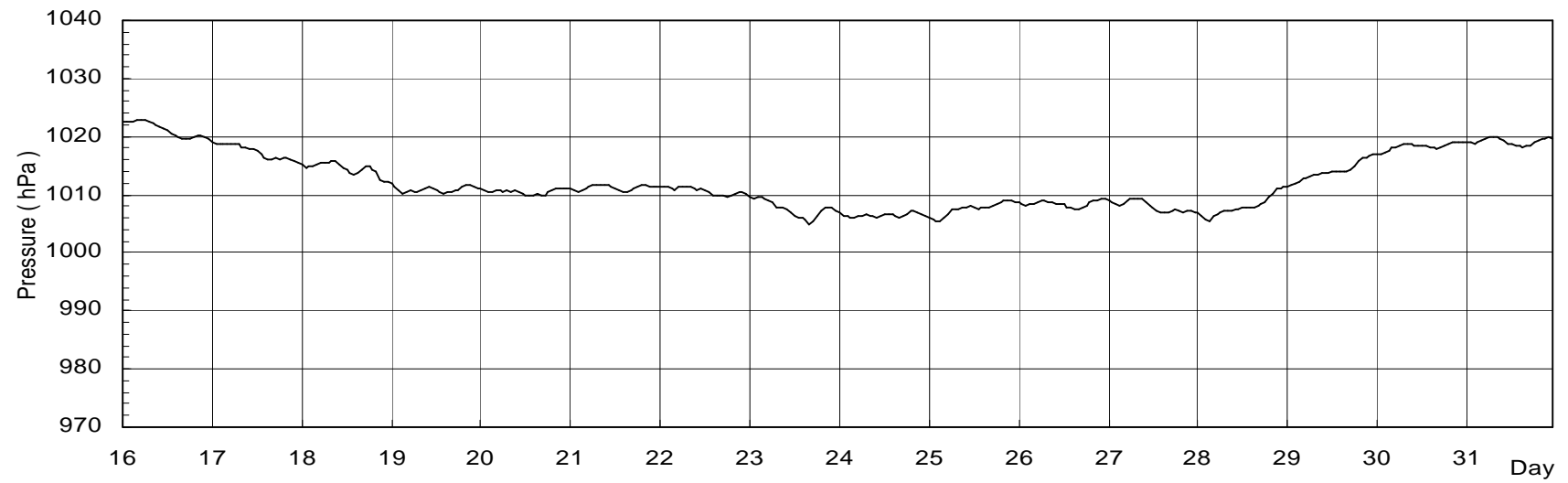
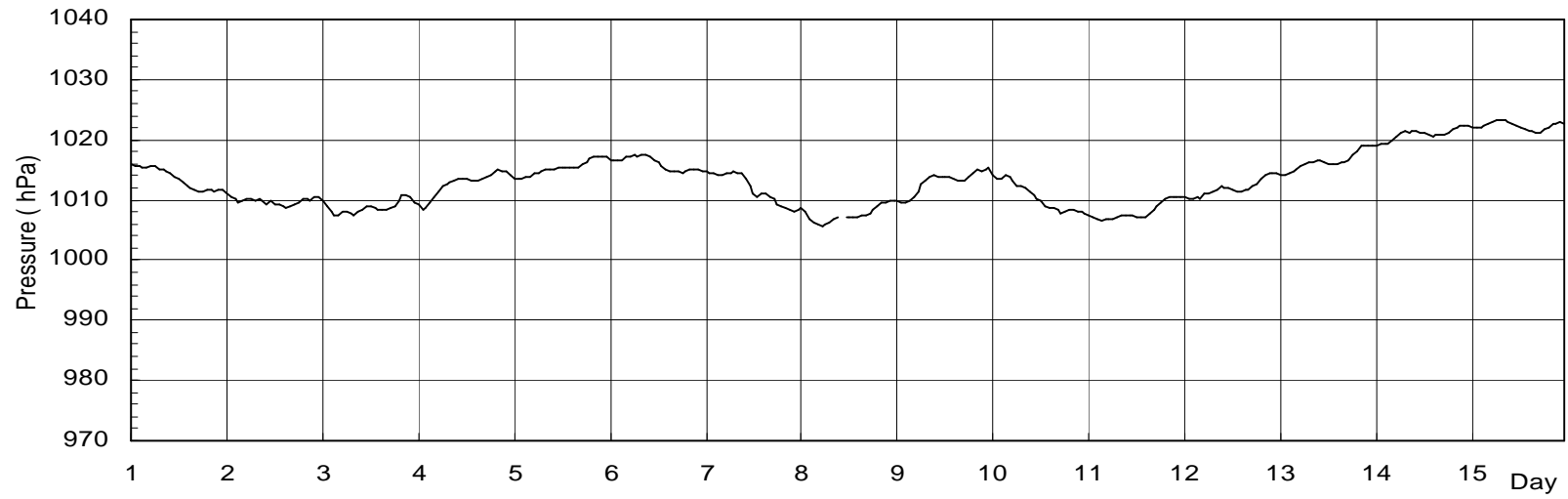
ATMOSPHERIC PRESSURE MARCH 2002



ATMOSPHERIC PRESSURE APRIL 2002



ATMOSPHERIC PRESSURE MAY 2002



ATMOSPHERIC PRESSURE JUNE 2002

