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SVIRCO Prompt Report: June 2013

Fabrizio Signoretti and Francesco Re

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ISTITUTO DI ASTROFISICA E PLANETOLOGIA SPAZIALI

AREA DI RICERCA ROMA - TOR VERGATA

Via del Fosso del Cavaliere, 100 - 00133 Roma (ITALIA)

SVIRCO Prompt Report: June 2013

Fabrizio Signoretti and Francesco Re

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in June 2013 by the Neutron Monitor of SVIRCO-Rome (present geographic position: 41.86° N - 12.47° E; altitude about s.l.), is reported in prompt form together with the barometric pressure data.

SVIRCO OBSERVATORY

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

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

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

In May 1997 the neutron monitor was moved to the Physics Department “E. Amaldi” of “Roma Tre” University. Since then it has been continuously running at the new location (41.86° N, 12.47° E, altitude about 0 m a.s.l.).

The SVIRCO Observatory (INAF/IAPS-UNIRomaTre collaboration) is housed in a reserved building provided with a double air-conditioning system. The inner temperature is permanently restrained in a range of 23°-26° C, meanwhile the relative humidity is kept below 57%. Either the environmental parameters are continuously checked and recorded by digital sensors.

On January 1, 2005 three counters were added to the detector. This upgrade, from 17 to 20 NM-64, made the SVIRCO neutron monitor still consist of 5 sections but modified its geometry. Actually the new arrangement has been composed of three 3-counter, one 5-counter and one 6-counter units. The enhancement improved not only the overall counting rate of 15.6 % (January 2005) but, as a result, also the statistical quality of the recorded data.

Each of the 20 BF₃ proportional counters (BP-28 type) is equipped with a smart amplifier/discriminator circuit complete with a spectrum stabilizer. This new electronic unit, developed in our laboratory, holds firmly the pulse height spectrum of the amplifier output (within a range of more than 150 volts around the operating voltage), providing the counter with a great immunity against high voltage variations.

Anyway, systematic and exhaustive tests of the counters are regularly performed. The output pulses of the amplifiers, discriminated by the threshold gates, are collected and stored into a multi-channel analyzer. The analysis of the height distribution (spectrum) of the amplifier pulses coinciding with the discriminator ones, is essential to verify the long term efficiency of each counter together with the amplifier gain and the discriminator threshold level.

As well as the amplifier/discriminator circuits, a large part of the electronic instrumentation operating in the Observatory was designed and realized in our laboratory together with the software for data acquisition and pre-elaboration.

In order to improve the reliability of the recorded data and to prevent measurement breakdowns, two independent systems perform contemporary the data acquisition. Each system is remotely controlled by a dedicated computer and is timed by a high stability quartz clock and/or a GPS receiver. One equipment runs according to a timing of 1 minute and fulfils the acquisition of the 20 counters separately. The other one records the individual 5-minute counting rate of each detector section in addition to the rates of the overall multiplicity, sorted into separated counting channels (from 1 to greater than 8).

A special care is devoted to the atmospheric pressure measurements, thus they are carried out by means of not less than three barometers at the same time. These instruments (achieving a resolution up to 0.01 hPa), are constantly checked out each other for the best measuring accuracy and reliability. Furthermore the devices in use are equipped with different types of transducer such as vibrating cylinder, force balance and quartz, therefore, throughout their different behaviours, it is possible to point out the occurrence of any long-term drift and eventually to re-calibrate the instruments themselves.

DATA PRESENTATION

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

The five-minutes counting rates, of the examined month, are reported in tabular form together with the hourly normalized data, which provide a continuous data set for long-term analysis.

The normalization was evaluated as percentage of the counting rate average of January-February 1997, when the Monitor operated at the previous location of "La Sapienza" University. The reference counting rate level (100%), computed for such period, is equal to 554946 counts/hour.

The atmospheric pressure data (in hectoPascal) are also collected in a monthly table which presents the five-minutes averages and the hourly ones.

The hourly averages of the normalized intensity and pressure, plotted in monthly graphs, are reported too.

CONDITIONS FOR SVIRCO DATA USE

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

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

Example: "SVIRCO NM is supported by the INAF - UNIRomaTre collaboration"

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

Dr. Stefano Massetti
Head of SVIRCO Observatory & TPL
Istituto di Astrofisica e Planetologia Spaziali - Area di Ricerca Tor Vergata
Via del Fosso del Cavaliere,100 00133 Roma - Italy,

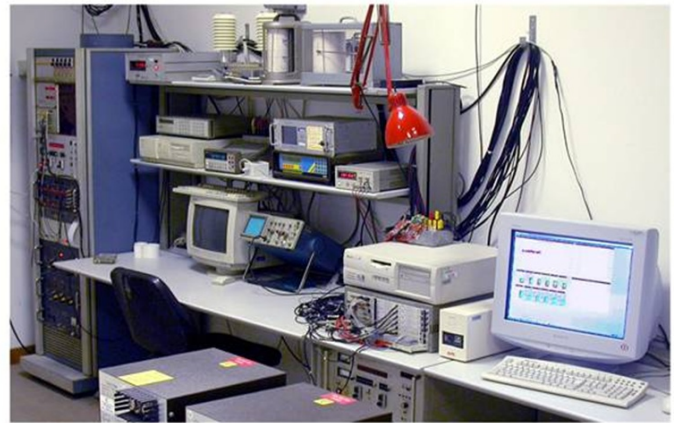
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S.V.I.R.CO. Observatory

Rome

Italy



		S.V.I.R.CO. Observatory - Pressure Corrected Data - June 2013											20 NM-64	
		INAF/UNIromaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
1	0	44450	44757	44999	44739	44227	44057	44215	44688	44564	44883	44608	44321	96.855
	1	44186	44966	44402	44928	44454	44965	44195	44334	44196	44504	44495	44869	96.858
	2	44435	44285	44594	44764	44922	45121	44458	44286	45535	45388	45319	45490	97.602
	3	44994	45258	45402	44976	45063	45029	45479	45766	44650	44934	45033	45489	98.231
	4	45276	45487	45542	45854	45597	45410	45236	45493	45446	45655	45760	46002	99.080
	5	44943	44934	45965	45837	46059	45399	45758	44847	45016	45693	45186	45073	98.709
	6	45793	45486	44965	45650	45643	45396	45505	45623	45017	45124	45329	45250	98.722
	7	45818	45494	45402	45476	45156	45668	45736	45493	44993	45391	45395	45476	98.852
	8	45688	45093	45701	45996	45624	45145	45160	45482	45733	44992	45429	45632	98.884
	9	45014	45308	44753	45311	45231	44844	45828	45317	45589	45348	44935	45689	98.430
	10	45376	45092	45233	45230	44718	44835	45379	45778	45054	45112	45350	45430	98.325
	11	45191	44970	45649	45817	45974	45212	45340	44827	45359	45584	45427	45218	98.683
	12	45436	44969	45749	45589	45230	45000	45179	44992	45551	45170	45527	45288	98.522
	13	45292	45819	46046	45429	45315	45694	45423	45639	46230	44907	45150	45252	98.979
	14	44939	45229	44871	44788	45127	45371	45573	45106	45560	45645	45023	45086	98.276
	15	45204	44562	45244	45744	45703	45195	44911	45212	45501	45115	44932	45198	98.312
	16	44960	44820	45294	44704	44857	45249	45361	45369	45526	45295	44942	44564	98.026
	17	44949	44488	44428	44897	44797	44957	45108	45084	45338	45056	45186	45142	97.754
	18	45335	45303	45391	45161	44883	45219	44666	44781	45164	45231	44574	45133	98.008
	19	44933	45115	45424	44720	45270	44985	45024	45064	45133	44607	44968	45050	97.909
	20	44690	44886	45503	45089	44350	45217	44818	44831	44407	44769	45255	45431	97.719
	21	44951	45228	44982	44744	44896	44805	44712	44968	44631	44729	44963	44998	97.603
	22	45016	44640	44849	44631	44969	45419	45041	44705	44631	44428	45058	45322	97.622
	23	44441	44699	45040	44928	44741	44685	44888	44381	44760	44790	44723	44557	97.245
2	0	44811	45216	44477	44711	44993	44877	44552	44539	44032	43921	44546	44710	97.020
	1	44816	44973	44333	44358	44855	44366	44144	44647	44678	44634	44155	44726	96.893
	2	44183	45110	44387	44379	43701	44509	43959	44489	44372	44571	44649	44904	96.626
	3	44017	43927	44625	44456	44642	44061	44997	44439	44477	44722	43912	44590	96.563
	4	44590	44949	44461	44694	44810	44636	44000	44568	44504	44538	44295	44404	96.850
	5	44563	44320	44153	44765	44419	44561	44732	44427	44593	44759	44341	44661	96.822
	6	45134	44709	44738	44224	44808	44990	44525	44766	44627	44758	43772	43989	96.957
	7	44989	44713	44767	44937	44968	44461	43968	45335	44724	44491	45148	44368	97.288
	8	45096	44440	44312	44992	44641	44582	44809	44821	44157	44823	44985	44645	97.186
	9	45335	44963	45005	45135	45302	44889	45436	44122	44811	44658	45156	45110	97.841
	10	44710	44733	45042	44665	44225	44884	44820	45143	44621	44529	44628	44573	97.235
	11	45398	45012	44834	44457	44338	45432	44560	45607	44439	44823	45104	44686	97.618
	12	45608	45422	44783	45235	44975	44584	44740	44522	44637	44556	45127	44490	97.616
	13	44584	45015	45109	44251	44413	45216	45056	44545	44343	45520	44935	45334	97.551
	14	44924	45462	44642	45315	45230	45058	44608	45161	45036	44743	44617	44563	97.740
	15	44282	45441	44693	44990	44914	45016	45119	45299	45057	45348	44750	45140	97.864
	16	44734	44784	44787	45163	44786	45561	44357	45014	44764	44945	44197	44275	97.379
	17	45280	44791	45004	44643	45038	44521	44610	44630	45440	44862	45096	44412	97.553
	18	44425	44525	44569	45275	44081	44506	44897	44274	45125	44534	45694	44368	97.180
	19	44680	45397	44710	44713	44459	44469	45701	44576	44993	45054	44373	44894	97.497
	20	44921	44667	44965	45159	45328	44753	44223	44477	43998	44990	44818	45670	97.488
	21	44364	44612	44580	44456	45094	44417	44653	44233	44581	44151	44441	44800	96.838
	22	44179	44453	44822	44727	44688	44234	43746	44652	44604	44678	44407	44583	96.727
	23	45011	44376	44672	44866	44882	44534	44341	45070	43983	44503	45336	43998	97.053

		S.V.I.R.CO. Observatory - Pressure Corrected Data – June 2013											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
3	0	44941	44814	44567	44534	44787	44817	44131	44512	44786	45100	44864	44520	97.201
	1	44447	45007	44692	44266	44005	44757	44969	44414	44308	44605	43974	44172	96.699
	2	45045	44025	44253	44877	44564	44346	44881	44740	44781	44574	44203	44496	96.911
	3	44556	44052	44346	44054	44241	44360	44809	43983	44513	44339	44967	45034	96.633
	4	44762	45049	44264	44381	44629	44438	44886	44983	45013	44856	44239	44622	97.153
	5	44092	43897	44516	44463	44516	44728	44185	44651	44706	45121	44430	44185	96.676
	6	44447	44333	44020	44714	44584	44316	44915	44305	44484	45155	44720	43920	96.752
	7	44354	44361	44715	44295	44331	44430	44288	45042	44758	45127	44473	45572	97.085
	8	44837	44369	44640	44590	44884	45075	44481	44538	45128	44464	44328	44380	97.079
	9	44856	44636	44851	44219	44490	44916	44799	44839	45270	44837	44659	45274	97.429
	10	44579	45407	44452	44508	44366	44999	44952	44844	44885	44671	44483	44740	97.291
	11	44491	44909	44953	45572	44683	45404	45065	44655	44895	44526	45424	44467	97.682
	12	44924	44943	44675	45625	45751	44871	45164	44500	44852	44683	44755	45029	97.814
	13	45305	44776	45468	44634	45134	45189	44955	44923	44285	44981	44817	45318	97.817
	14	44819	44812	45357	45228	44821	44771	45175	45033	45631	44642	45162	45447	98.019
	15	45505	44557	44355	45101	44814	45344	44917	44880	45194	44443	44682	44668	97.577
	16	45237	44739	44516	44984	45250	45038	45202	44832	45291	44850	45245	44684	97.831
	17	44979	44478	45574	44832	44951	44595	45274	45027	45251	44377	45339	44225	97.657
	18	44576	44400	44578	45678	45097	44534	44420	44281	44512	44282	44798	44570	97.081
	19	44839	45473	44775	45102	44867	44949	44606	44464	44958	43886	45185	44598	97.440
	20	44591	44969	44873	45148	44912	44585	44902	44639	45256	45253	44843	45132	97.693
	21	45098	44375	44238	45110	45171	44750	44464	45198	44268	45044	45088	44120	97.298
	22	44826	45386	44739	44498	44656	44804	44875	44781	44953	44989	44802	45077	97.563
	23	44512	44649	44759	44445	44053	44536	44838	44316	44514	43583	44692	45443	96.830
4	0	44856	44960	45034	44924	44463	44856	44672	44739	44705	45599	44828	44571	97.528
	1	44547	44735	44377	44723	44127	44813	44460	44246	44343	44614	44553	45352	96.930
	2	44730	44704	44386	44716	44580	44837	44546	44347	44699	45179	44716	44041	97.037
	3	44382	44510	44586	44497	44650	44325	44638	44621	44421	44801	44884	44257	96.872
	4	44051	44607	44270	44887	44536	45155	45083	45156	45072	44709	44935	44246	97.259
	5	45211	44293	44125	44389	44633	45060	44270	44653	44554	44392	44519	44501	96.877
	6	44372	44657	44635	44960	44946	44327	44573	44385	44716	45512	45079	44923	97.327
	7	44716	44793	44612	45705	44848	45039	45274	44400	43934	44678	44925	45086	97.496
	8	44897	44935	45232	45108	45179	44504	45319	45483	44422	45076	44622	44577	97.738
	9	45234	44901	44772	45319	45439	44648	44933	45063	44960	44553	45271	45267	97.921
	10	45106	44724	44802	45014	45610	44919	44944	44486	45194	45755	45075	45090	97.987
	11	45406	45974	44486	44577	45464	45107	44752	44959	45406	45111	45218	44930	98.108
	12	44874	44921	45343	44710	45410	44680	45059	44765	44703	45159	45043	44476	97.700
	13	45147	45048	45024	44870	44866	44629	44691	45022	45395	45084	44682	44432	97.655
	14	45313	45173	44648	45432	45373	45023	44836	44634	45305	44599	44638	45456	97.934
	15	45000	45266	44931	44839	45591	44999	44775	44670	44552	44775	45136	45310	97.828
	16	44962	45277	45365	44356	45159	45090	45130	44781	44800	45232	44335	44613	97.693
	17	45019	44803	45314	45057	44977	45030	45167	44863	44940	45302	44675	44967	97.877
	18	44879	45061	45166	44885	44796	44597	44350	44518	44989	45014	45358	45029	97.609
	19	45153	45003	44508	44705	44788	45068	44534	44981	44204	44597	45295	44767	97.422
	20	44545	45439	44955	44893	44972	44344	44495	44984	44888	45101	44779	44194	97.419
	21	44360	44748	44656	45126	44289	44631	44961	44572	44685	44543	44370	44434	97.018
	22	44866	44777	44844	44160	44599	44935	44860	44956	44241	44909	44485	44546	97.163
	23	44607	44159	44790	44738	44847	44066	45151	45079	44755	44389	44533	44583	97.076

		S.V.I.R.CO. Observatory - Pressure Corrected Data - June 2013											20 NM-64	
		INAF/UNIromaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
5	0	44940	45356	45002	45114	44788	43863	44533	45301	44965	45171	45022	44584	97.610
	1	44724	44846	44824	44138	44975	44286	44523	44940	44472	44651	44703	44959	97.138
	2	45300	44734	44519	44023	44358	44779	44622	44618	45107	44081	44720	45033	97.112
	3	44197	44159	45493	44374	44539	44650	44732	45264	44760	44742	44174	44182	96.998
	4	44842	45017	44684	44484	45265	44750	44685	44644	44127	44560	44455	44446	97.124
	5	44544	44660	44299	44199	45118	44855	44647	44993	44666	44413	44222	44792	97.024
	6	44319	45682	44410	44312	44548	45053	44872	44928	44347	44905	44825	44091	97.184
	7	44978	44632	45046	44549	45022	45064	44639	44471	44448	44971	45538	44514	97.470
	8	44847	44592	44778	44313	44719	45325	44906	44793	45316	44773	44855	45019	97.536
	9	44974	45021	44388	44544	45698	45293	44736	45457	44821	45038	45215	44685	97.832
	10	45435	44985	45461	45021	45208	44935	44930	44233	45512	45716	45029	45235	98.164
	11	44887	44746	45072	45084	44181	45299	45460	44767	45247	44741	44825	44840	97.701
	12	44210	45402	45182	44866	45370	45698	45165	45078	45253	44694	45138	45175	98.079
	13	45373	44975	45068	45113	44394	45176	45102	45276	44972	45108	45134	44926	97.968
	14	45084	44690	44846	44804	45064	45492	44961	44463	44926	45237	45618	45559	97.990
	15	44887	44857	45038	45148	45295	44783	45103	44230	44984	44672	45642	45185	97.824
	16	44709	45701	44757	44531	44938	44946	45240	45261	45292	44780	44606	44790	97.774
	17	45672	44515	44922	44887	44919	44332	44785	44806	44860	44461	44977	45272	97.567
	18	45085	44577	44699	44094	45329	45165	45246	44646	44986	44804	44849	44648	97.516
	19	45143	44866	44792	44156	44601	44658	44659	44426	44747	45146	44718	43875	97.093
	20	44057	45239	44514	45208	44942	44499	44908	44806	44877	44823	44598	45210	97.436
	21	44923	45081	45649	45241	44830	43878	45009	44881	44719	44198	43921	44664	97.312
	22	44867	44462	44979	44657	44606	44786	44773	45111	44859	44834	44716	44401	97.321
	23	45615	44231	44443	45205	44676	45053	44820	43822	44057	45284	44898	44030	97.155
6	0	45185	44361	44721	44746	44774	44540	44246	44946	45237	44792	44975	44454	97.309
	1	45032	44934	44495	44595	44063	44746	44904	44554	44438	44523	44297	44847	97.027
	2	44802	44662	44791	45354	44670	45076	44495	45111	44727	45500	44728	44303	97.533
	3	44554	44885	44611	44617	45294	44624	44940	45128	45022	45723	44887	43841	97.516
	4	45418	44806	45171	45306	44862	45338	45097	45286	45070	45526	44828	45187	98.199
	5	45200	44948	45172	44871	45237	44436	45276	45590	44442	45070	45727	45651	98.149
	6	44976	45425	45751	45394	45387	45428	45391	45398	45437	44889	45160	44811	98.480
	7	45425	45747	44906	44953	45444	45277	45556	45128	45400	45356	45294	45762	98.625
	8	45281	44962	45572	44734	45543	45658	44956	45450	45424	45234	45556	45545	98.565
	9	45189	44970	44849	45069	45263	45287	45847	45010	45296	45329	46016	45380	98.491
	10	45767	45593	45944	44815	45329	46005	45189	45299	45305	44938	44456	44883	98.493
	11	44800	44935	44747	45172	44529	45011	45140	45026	45150	45757	45249	45129	97.973
	12	44904	45464	45279	45329	44933	45016	45157	44725	44514	45658	44375	45311	97.976
	13	45274	44855	44882	44663	45102	44786	45261	45493	45550	45009	45160	44704	97.989
	14	44725	45251	45194	44850	44629	45471	44872	44882	44862	44995	45696	44906	97.916
	15	44969	44998	45176	45003	44625	45027	45164	45180	44686	45389	44741	45485	97.936
	16	45188	44737	45300	45457	44861	44913	44558	44940	45630	45043	44828	44681	97.881
	17	43816	45058	44255	45050	44629	45044	45112	44647	44731	45111	44196	44819	97.215
	18	44970	44845	44932	44437	44699	45096	44508	44721	44249	44577	44599	45048	97.254
	19	45018	44702	44414	44525	44659	45213	44500	44309	44372	44783	44209	44881	97.056
	20	44686	44300	44571	44513	44831	44369	44481	45028	44815	44518	44355	44585	96.959
	21	44875	44538	44075	44229	44203	44784	44954	45235	45026	43946	44480	44986	97.009
	22	44394	44627	44524	44669	44417	44267	44309	44843	44452	44970	44890	44550	96.934
	23	44331	43956	44139	44254	44369	44712	44633	45134	44309	44723	44487	45089	96.793

		S.V.I.R.CO. Observatory - Pressure Corrected Data – June 2013											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
7	0	44604	44543	43815	44186	44798	45023	44379	44782	44732	44447	44248	45034	96.874
	1	44541	45006	44664	44530	44593	44965	44237	44852	44770	44882	44679	44947	97.252
	2	44814	45267	44552	45005	45269	44383	45395	44938	45074	45648	44697	45210	97.901
	3	44656	45203	45255	45149	46029	44758	45034	45079	45400	45481	45396	45054	98.308
	4	45551	45537	45128	44830	45298	44591	45285	44793	45514	45744	45275	44884	98.296
	5	45290	45103	44875	44968	45572	45146	44585	44818	45543	45612	46027	45623	98.429
	6	45499	45050	45695	44621	45704	45422	45167	45261	45447	45357	45497	45280	98.580
	7	45536	45066	44447	45072	45124	45133	45769	45185	45411	44856	45488	45140	98.259
	8	45655	44984	44984	45068	45365	44201	45190	44423	44960	44921	44824	44865	97.754
	9	44965	44585	44888	45101	45464	44627	44626	45321	44709	44826	45490	44603	97.712
	10	45153	44737	44397	45484	45274	44892	44844	44625	44666	45125	44351	45177	97.625
	11	44921	44972	44169	44699	44447	44993	45077	44702	44653	44675	44401	44659	97.198
	12	44833	44345	44473	44405	45108	44941	44557	44737	44049	44570	44562	44655	96.992
	13	44944	44640	44226	44412	44164	44623	44673	44668	44577	44539	44230	44468	96.798
	14	44443	44930	44682	44698	44516	44425	44476	44676	43721	44621	44560	44727	96.854
	15	44672	44137	44489	44722	44320	45107	44746	44561	44370	44811	44835	44617	97.020
	16	44828	44090	44064	44931	44813	45125	44544	44759	43915	44637	44206	44559	96.854
	17	44166	43718	44331	43942	44461	44966	44268	44961	44394	44256	44857	43881	96.442
	18	44701	44851	44897	45067	44572	44168	44768	44952	44765	45576	44266	43974	97.232
	19	45009	45052	44654	44318	44866	44683	44945	44333	44080	44558	44043	43817	96.834
	20	44491	44441	44823	43722	44124	44085	44038	44846	44707	44722	44695	44866	96.688
	21	45012	44381	44295	44827	44899	43979	44445	44344	45215	44329	44601	44066	96.840
	22	45123	44264	44524	44788	44777	44469	44131	44152	44374	43785	44571	43877	96.557
	23	44130	43833	43910	44695	44563	44339	44826	44151	44386	43594	44857	44386	96.347
8	0	44965	44269	44340	44490	43951	44474	44586	44726	44572	44383	43866	44386	96.582
	1	44126	44149	44659	44410	44410	43922	44210	44571	44492	44401	44292	43736	96.293
	2	44666	44430	44565	44469	44317	43780	44595	44276	44239	44602	43845	45045	96.556
	3	44490	44027	44390	43345	44631	44155	44079	44297	43983	44663	44124	44424	96.154
	4	43940	44480	44158	44440	44511	43489	43883	44073	44665	44529	43931	44571	96.165
	5	44304	43826	44142	44201	44825	43719	44530	44397	44533	44380	44721	44841	96.482
	6	43946	44209	43916	44606	44000	43977	44067	44120	44474	44367	44407	44095	96.077
	7	44553	43833	44918	45215	44054	43684	44508	44794	44021	43489	44109	44432	96.336
	8	44074	44090	44197	44156	44157	44420	44007	43851	44350	44611	44030	44221	96.073
	9	44105	44442	44778	43709	44113	44472	44810	44478	44445	43878	44187	44700	96.427
	10	43929	44853	43793	44886	44764	43817	44663	44581	44382	44590	44906	44883	96.777
	11	44374	43652	44410	44052	44281	43949	44003	44695	44259	45446	44731	44374	96.447
	12	44747	44171	44832	43992	44717	44549	44411	44411	44698	44367	44037	44356	96.639
	13	44342	44629	44693	44480	44424	44696	44357	44769	44266	45479	44611	44118	96.925
	14	43938	44451	44178	44414	44370	44718	45436	44390	44460	44380	44431	44736	96.751
	15	44689	44873	45011	44601	44772	43867	44316	44783	44122	44064	44232	44589	96.753
	16	44935	44404	44014	44107	45335	44204	45142	44185	44529	44366	44643	44474	96.830
	17	44701	44763	43961	44489	44121	44465	43655	44649	44272	44352	44799	44842	96.600
	18	44801	44833	44599	44830	44088	44311	44550	44826	44457	44512	45112	44200	96.971
	19	44461	44870	44869	45450	44413	44716	44692	44068	44818	44112	44496	44561	97.046
	20	44770	44749	44164	44028	43924	44363	44527	44577	44563	44660	44180	44486	96.586
	21	44570	44092	44006	44313	44575	44320	44745	44426	45064	44102	44777	44451	96.667
	22	44584	44908	44512	44886	44559	44148	44219	44751	44248	44799	44030	44189	96.738
	23	44517	44312	44663	44124	43963	44827	44221	44229	43594	43934	44204	44732	96.282

		S.V.I.R.CO. Observatory - Pressure Corrected Data - June 2013											20 NM-64		
		INAF/UNIromaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
9	0	44118	44069	44301	44184	44023	44344	44371	44488	43809	44808	44479	45217	96.439	
	1	44092	44425	44441	43873	44965	44633	45072	44665	44276	44361	44278	44105	96.621	
	2	45025	43950	44415	44317	44396	44495	44589	44383	44069	44054	44222	44347	96.453	
	3	44145	44794	45342	44454	44760	44046	44061	44288	44623	44351	44816	44156	96.739	
	4	44559	44247	44333	44614	44282	43905	44070	44075	44609	44542	44350	44171	96.362	
	5	44164	44316	44390	44335	43434	44547	44668	44152	44236	43965	44540	44703	96.307	
	6	44612	44468	44330	44014	44554	43919	43887	43957	44702	44322	44728	43923	96.300	
	7	44719	44299	43983	44128	44356	44584	44529	44829	44719	44434	44363	44910	96.742	
	8	43910	44089	43550	43902	44030	44289	44285	44364	45213	45015	44003	44426	96.238	
	9	44057	44240	44162	44494	43714	44426	43687	44424	44310	43636	44441	44077	95.983	
	10	44203	43908	44601	44766	44523	44358	44479	44205	43908	43837	44090	44578	96.308	
	11	44588	44024	43826	43947	44106	44612	45118	44420	44475	44127	44373	44321	96.395	
	12	44302	44900	44671	44152	44288	44792	43624	44189	44436	44321	44288	44855	96.554	
	13	44886	44340	44243	44663	44719	44273	44808	45002	44224	44526	44181	44365	96.810	
	14	44823	44572	44246	44019	44555	44180	44514	44231	44605	44434	44787	44288	96.633	
	15	44628	44290	45336	44466	44606	44713	44700	44786	44775	44614	44347	44893	97.159	
	16	44374	44966	44520	44924	44019	44673	45233	44694	44014	44992	44332	44549	97.002	
	17	44497	45034	44153	44370	44521	45226	44548	44945	44934	44868	44655	44302	97.141	
	18	44739	44358	44702	44383	44048	44209	44205	44801	44690	44268	44226	44961	96.694	
	19	44923	44689	44358	44617	44758	44071	43946	44257	44380	44869	44862	44830	96.870	
	20	44289	44293	44617	44243	44750	44813	44628	44670	43692	44152	44687	44925	96.725	
	21	44752	45095	45096	44556	44837	44827	44530	44770	44086	44813	44358	44787	97.223	
	22	44787	45031	44456	44680	44870	44223	44220	44428	44430	44827	44794	44417	96.979	
	23	44323	44131	44784	44452	44483	44083	45042	44444	44485	44199	44070	44522	96.590	
10	0	43913	44307	44314	44009	44616	44250	44526	44280	44978	44842	44360	44407	96.548	
	1	44198	43669	44931	44832	44373	44286	44367	44672	44976	44235	44561	44402	96.678	
	2	44247	44540	43976	44098	44661	43803	44685	43852	44146	44206	44174	44478	96.201	
	3	44856	44481	44202	44288	44479	44564	44315	44364	43820	44216	44512	44385	96.493	
	4	44402	44753	44374	43842	44192	44406	44673	44934	44208	44367	44190	44356	96.532	
	5	44768	44355	44052	44653	44387	44235	44252	44461	44190	44309	44037	44016	96.354	
	6	43952	44667	45067	44340	44712	44543	44409	44344	44516	44734	44277	44914	96.854	
	7	44125	45082	44806	44889	45044	44210	44249	44632	44677	44205	44317	44737	96.944	
	8	44746	44881	44862	44136	44773	45035	44050	45059	44702	43959	44250	44618	96.962	
	9	44548	44185	44632	44670	44657	44688	44164	44753	44459	44358	44516	44518	96.795	
	10	44566	44391	45106	44927	44253	44350	44324	44368	44134	44197	44064	44483	96.616	
	11	44318	44683	44165	44412	45103	44815	44002	45071	44603	44499	44548	44867	96.966	
	12	44943	44145	44437	43885	45020	44437	44790	44610	44654	44902	44629	44361	96.916	
	13	45236	44736	45126	44289	45207	45068	44457	44772	44418	44864	44483	45223	97.471	
	14	45019	44186	44823	44691	44246	44771	44365	44697	44459	44576	44176	44183	96.803	
	15	45030	45022	44425	44663	45157	44367	44274	44640	44667	45258	44505	45090	97.330	
	16	45047	44646	44672	44873	44528	44709	44722	44649	44526	43966	44243	43911	96.858	
	17	44511	44696	44845	44282	44329	44327	45299	44910	44905	44036	44674	44220	96.956	
	18	44754	44550	44548	44254	44568	45072	44402	44400	44492	45020	44386	44996	97.029	
	19	44599	44852	44936	43709	45352	44403	44290	44459	44620	44508	44451	44684	96.925	
	20	44304	43951	44333	44429	44431	44761	43984	45066	44726	44302	44485	44790	96.689	
	21	44905	44994	44768	45163	44147	44546	44204	44506	44341	44421	44172	44759	96.936	
	22	44213	44303	44173	44546	44661	44298	44548	44479	44740	44690	44197	44733	96.693	
	23	44552	44190	44648	44605	44907	44138	44957	44124	44866	44360	44965	44290	96.878	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – June 2013											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
11	0	44839	44423	44880	43960	44500	43857	44595	44496	44529	44315	44999	44439	96.735
	1	44545	44830	44524	44267	44358	44451	44783	44484	44548	44673	44204	44403	96.781
	2	44413	44851	44950	44687	44241	44366	44039	44273	44561	44220	44162	44841	96.697
	3	44432	44407	44553	44375	44641	44301	44564	44083	44681	44483	43997	43765	96.457
	4	44460	44012	44499	44245	44181	44687	44140	45145	44598	44643	44016	44437	96.599
	5	44722	44792	44676	44573	44875	44255	44569	44143	44815	43786	44251	43939	96.659
	6	44379	44516	44913	44430	43974	44463	44321	44348	44342	44195	44283	44680	96.559
	7	44858	44805	44859	44284	44334	44408	44501	44300	44669	44818	44298	44062	96.804
	8	44347	44268	44177	44726	44781	44228	44491	44422	44405	45166	44008	44512	96.684
	9	44689	45138	44480	44625	45268	45046	44896	45234	44592	44194	44881	44639	97.436
	10	44316	44427	44898	44375	44658	44530	45210	44541	44865	45146	44767	44038	97.089
	11	44974	44343	45027	44799	45016	44753	44921	45038	45283	44362	44293	44879	97.437
	12	44593	44798	44321	45022	44728	45428	45098	45167	44467	44707	44675	44896	97.475
	13	44922	45182	45250	44406	44772	44721	44854	44902	44756	44877	44978	44794	97.568
	14	45258	44975	44910	44758	45180	44401	44887	44774	45187	44944	44458	45032	97.632
	15	44634	45138	44681	44776	44715	44507	45110	44635	45186	44617	44989	45257	97.537
	16	45053	44715	45148	44647	45308	44881	46345	44640	45067	44791	44499	44975	97.868
	17	44397	44667	44783	44448	44938	45446	44382	44095	44651	44725	44179	44469	96.982
	18	44464	45290	45936	44660	45029	44982	44677	45093	44625	44783	44653	44808	97.675
	19	45098	44734	44376	44726	45062	44508	45067	45170	44848	44642	44859	44665	97.449
	20	44935	44730	44654	44407	44347	45145	44743	45189	45058	44866	44922	44637	97.427
	21	44960	44708	44676	44779	44601	44731	44909	44133	44360	44825	44080	44669	97.028
	22	44593	44262	44223	44659	44266	44161	45082	44293	44718	44740	44956	44902	96.923
	23	44309	44724	44944	44357	44260	44039	44038	44624	44340	45212	44464	44624	96.757
12	0	44273	44846	44688	44479	45151	44552	44988	45258	44957	44964	44202	44282	97.245
	1	44639	44074	44905	44710	44413	44613	44269	44053	44572	44383	44471	45046	96.795
	2	44482	44731	45199	44812	45082	45130	44656	44324	45108	44816	44359	44387	97.328
	3	44374	44269	44640	44840	44942	44348	44278	44781	45044	44124	44740	44787	96.980
	4	44852	44624	45157	45329	44085	44187	44141	44227	44840	44445	44592	44785	96.997
	5	44949	44512	44246	44447	44731	44981	44329	44724	44431	44571	44474	45103	97.040
	6	44683	44187	44809	44671	45200	44531	44858	44472	44503	44628	44878	44875	97.185
	7	44257	44113	44537	44287	44786	44889	44264	44986	45065	45104	44705	44853	97.103
	8	44062	44542	44426	44854	44508	44915	44686	44543	44828	44867	44726	44908	97.106
	9	45378	45015	44518	44749	44588	45509	45186	44900	44576	44904	44687	44603	97.604
	10	44910	44715	45004	45235	45251	44926	45105	44944	44566	44925	44492	44616	97.618
	11	45109	45278	44602	44977	45039	45090	45269	45361	45404	44596	44756	44854	97.916
	12	45212	44622	45244	44785	44977	45148	45002	45401	44751	45037	45429	44985	97.963
	13	45287	44877	44759	45210	45016	44578	44399	44766	45015	45092	44610	45214	97.642
	14	45224	45523	44976	45179	45448	44206	45112	44929	44252	44535	44768	44631	97.635
	15	44454	45493	44806	44579	44602	45385	44570	45320	45543	44755	45619	44704	97.825
	16	44520	44880	44675	45270	45184	44935	44846	44987	44963	45248	45098	45083	97.799
	17	44858	45317	45006	44670	44710	44631	45063	44816	44708	44580	44814	44949	97.516
	18	44719	44857	45562	44994	45035	44744	44184	44782	45243	45036	44763	45317	97.718
	19	45089	45215	44785	45204	44812	44891	45290	44650	44867	44474	44381	44813	97.579
	20	44629	44835	44275	44695	44822	45427	45545	44782	44217	44988	44731	45539	97.581
	21	45056	44961	44247	44714	44707	45020	44565	45064	44894	45228	44577	44619	97.430
	22	44762	44979	44971	45353	44987	44893	44687	44252	44991	44426	44998	44467	97.451
	23	44883	45237	45447	44822	44588	44723	44910	45233	44986	45596	44267	45547	97.899

		S.V.I.R.CO. Observatory - Pressure Corrected Data - June 2013											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
13	0	44969	44742	45328	45053	44557	45018	45268	45026	44937	44247	44726	44352	97.532	
	1	45032	45208	45353	44684	45222	45690	44638	44604	45321	44654	44868	44935	97.894	
	2	45097	45538	44779	44564	45071	45678	44854	45024	45824	44948	45011	44499	98.016	
	3	45307	45441	45002	45512	45494	44809	44942	45388	44656	45068	45100	44621	98.099	
	4	44590	44858	45287	44631	45770	45249	44431	44574	44689	44448	44591	45400	97.587	
	5	44762	45085	44303	44904	44511	44988	45062	45116	45250	44803	44974	44767	97.588	
	6	44622	44475	44527	45445	44896	44850	44958	44870	45196	45141	44957	45387	97.733	
	7	45091	45146	44838	45198	45002	45054	44658	45045	45269	44742	44892	44786	97.805	
	8	45042	44605	45171	44971	44374	44903	44509	45043	44587	45001	44047	44922	97.344	
	9	44132	44499	45269	44822	44744	45203	44622	45158	45645	45490	45009	44860	97.757	
	10	45008	45226	45108	44861	45081	44717	44416	44753	44751	44826	45055	45005	97.639	
	11	45178	44914	45314	45850	44734	44940	45079	44620	44814	45347	44659	44827	97.905	
	12	45021	45275	44673	45148	45571	45511	45372	44742	44880	45375	45375	44413	98.101	
	13	45136	44965	44806	45471	44808	44776	45291	45188	44736	45427	45105	45235	98.027	
	14	45201	44810	44901	45390	45174	44840	44065	45379	44849	45571	45740	45050	98.032	
	15	44836	44727	44681	44875	45247	45176	44783	44883	45091	45102	45521	45048	97.851	
	16	45007	44969	44776	44994	45186	44791	45174	44471	45137	45939	44808	44776	97.861	
	17	45516	45303	44895	45321	44997	45004	45556	44930	45040	45376	45488	44868	98.271	
	18	45364	44861	45137	45050	45071	45127	44967	45564	45085	45421	45640	44971	98.265	
	19	44830	45121	45017	45244	45160	45485	44999	45010	45259	44829	45104	44873	98.024	
	20	45125	44794	45596	44752	44914	45142	44645	45381	45677	45297	45192	44406	98.023	
	21	45637	44698	45134	45090	45155	44653	45178	44710	45580	45637	45560	44976	98.219	
	22	44713	45105	45544	44557	44855	44700	45335	44980	45464	44696	44918	44976	97.827	
	23	45283	44699	45221	44944	45187	45516	44793	45380	45108	44823	45313	44929	98.073	
14	0	46087	45010	45127	44583	44654	45365	45337	45002	45193	45061	44961	45780	98.244	
	1	44966	45301	44793	45247	44560	45541	44464	45004	44716	44707	45225	44907	97.752	
	2	45069	44834	44802	44724	45472	44861	45012	44763	45182	44865	44935	44659	97.707	
	3	44581	45537	45001	44948	45058	44096	44855	44945	44622	44221	44848	45241	97.485	
	4	44873	45235	44966	45305	45460	44889	45058	45302	45156	45177	44939	45460	98.186	
	5	44984	45416	44809	45498	44446	44923	45322	45517	44797	45196	44870	44654	97.934	
	6	44993	44866	45330	44978	45389	45276	45013	44694	45223	45500	45116	45159	98.134	
	7	44352	45381	44979	45179	45161	44560	45347	45501	45415	45383	45009	44927	98.072	
	8	44873	45549	45077	44882	44983	45084	44192	44845	45034	45455	44873	45401	97.901	
	9	45300	45417	45109	45670	45105	45407	44446	45329	45184	45508	44768	45056	98.272	
	10	44614	45898	44985	45693	45439	46006	44575	44680	44700	45218	45081	45048	98.207	
	11	44831	44649	45207	45059	44720	44713	45192	45367	45225	45257	44968	44825	97.858	
	12	45382	45475	45191	44936	44327	45375	45136	44965	45293	45350	45361	45664	98.300	
	13	45721	45129	45216	45232	45306	45100	44676	45166	44933	45504	45044	44942	98.212	
	14	44937	45047	45027	44958	45093	44955	45578	44992	45211	45291	45333	45358	98.178	
	15	44797	45069	45017	45145	44658	45431	44950	44988	44898	44835	44985	45263	97.862	
	16	45132	44707	44805	44351	45191	45167	45901	45353	45305	44625	44792	45037	97.922	
	17	44941	44737	45187	44498	45010	44575	45822	45083	45084	45114	45340	45133	97.950	
	18	44432	45004	44907	45103	44974	44782	45005	44793	45121	44855	44939	44954	97.651	
	19	44920	45433	44776	44518	44822	45545	45404	45046	45589	45013	45030	44833	98.024	
	20	45002	45531	44997	44800	45120	45156	45220	44938	44943	45205	44815	44890	97.967	
	21	44199	44679	45156	45413	45251	45019	45159	45592	44577	45220	44896	44789	97.847	
	22	44521	45308	45113	45055	44527	45449	45090	44939	44971	45047	44559	44919	97.765	
	23	44957	44809	44873	45234	45151	45425	45122	45376	45117	44957	45101	45073	98.072	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – June 2013											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
15	0	44448	45176	45152	44582	45356	45337	44751	44868	44948	45040	44880	44983	97.766
	1	44950	44917	45016	44956	44835	44450	43968	44731	45335	44458	44593	44524	97.264
	2	44176	45009	44838	45244	44891	44800	44633	44580	45541	44662	44816	45509	97.620
	3	44710	44826	45112	44660	45411	44255	45095	44364	45151	44717	44839	44917	97.503
	4	44945	44864	44812	45130	45155	45211	45003	45300	44874	44266	45008	44953	97.769
	5	45149	45055	44188	45225	44784	44681	45090	45088	44718	44493	44799	44501	97.452
	6	45357	45352	45739	45002	45384	45346	44972	45099	44807	45424	44710	44804	98.218
	7	44829	44890	45087	44519	45868	45293	45078	45402	45260	45664	45506	45375	98.358
	8	44933	46186	45006	44699	44894	45317	44451	44715	44724	45403	44580	45033	97.845
	9	44980	44697	45191	45098	45230	44569	44757	45121	44569	45193	45109	44467	97.671
	10	45032	45313	44675	45368	45015	44717	44811	44643	45525	45086	45372	44848	97.929
	11	45127	45095	44746	45195	44915	45441	45317	45805	45325	45383	44871	45313	98.315
	12	44876	44667	45595	45010	45056	44881	44969	44790	45253	44810	45355	45146	97.930
	13	44785	44890	44811	45025	44823	44533	45318	45015	44924	45596	45841	44867	97.934
	14	44560	44594	44642	44965	44526	44339	44816	45123	44937	45390	44869	45305	97.505
	15	45524	44814	45485	45024	45393	45224	45216	45595	44894	44823	45080	44825	98.200
	16	45020	45226	45162	44977	44512	45128	45562	45717	45523	44881	45020	45248	98.214
	17	44867	44959	45404	45139	44989	45172	44895	44628	45069	45709	44832	44618	97.907
	18	45118	45575	45014	44780	45177	44376	44911	44958	45372	44942	44491	44695	97.749
	19	44938	44895	44795	44748	45018	44960	45358	45231	45332	45119	45005	45181	97.961
	20	44675	44705	45182	45186	45529	45389	44703	45335	44877	45096	45825	44478	98.033
	21	44956	45634	45299	45077	44856	44839	44787	44774	45046	44728	44664	44936	97.782
	22	44613	45210	44668	45101	45534	44559	46179	45118	45391	44612	45064	45129	98.069
	23	44815	44888	44992	44890	45166	45035	45232	45300	45664	44988	44870	44737	97.960
16	0	44984	44867	45426	45322	44750	45289	44856	44772	44779	44863	44841	45241	97.851
	1	44616	45157	45589	45055	45108	44594	44438	45888	45666	44502	45013	44864	97.944
	2	44668	44644	45028	44587	45087	44856	45475	45064	44723	45027	45041	44843	97.682
	3	44377	45114	44694	45392	44373	44824	44910	45374	44774	44829	45175	44299	97.518
	4	45028	44721	45295	45061	44773	44464	45050	45270	44801	44882	45452	44514	97.731
	5	45160	44243	44803	45436	44645	45067	45567	44747	45127	44609	44916	44760	97.689
	6	45224	44313	45096	44946	44934	44901	44979	45355	45257	44871	44602	45066	97.773
	7	45195	44929	44834	44310	44974	45145	44756	45687	45580	45375	45049	45237	98.050
	8	44829	44657	44923	44916	45375	44526	45248	44957	45112	44884	44625	44935	97.672
	9	44908	45538	45019	44820	44762	44928	45268	45160	45280	44769	44990	45226	97.977
	10	44606	44897	44762	44919	45216	44946	44934	45097	45134	44738	44930	45304	97.762
	11	45355	44937	45223	44965	44211	45403	44901	45264	44653	44944	45340	45203	97.928
	12	44780	45326	44918	44550	44917	45133	44927	44352	44893	45633	45147	45248	97.824
	13	45576	44527	45257	45182	45224	45072	45111	44670	45176	45320	44429	45724	98.086
	14	45135	44718	45146	44775	45376	45019	45010	44660	44901	44860	44753	45201	97.775
	15	44917	45164	44805	45023	45582	44425	45385	45087	44608	44875	44758	44736	97.740
	16	44827	44803	45474	44956	45010	45031	45619	44657	45220	44720	45099	44935	97.920
	17	45051	44279	44828	44565	45237	44490	44247	44650	45005	45173	45393	44624	97.410
	18	44681	44913	44831	44820	44835	45366	44729	45184	44839	44424	44892	45042	97.594
	19	44684	44492	45306	44625	45537	44440	44804	45610	44954	45128	44959	45165	97.802
	20	44552	44754	44864	45106	45149	44565	44698	45237	44334	44605	45067	44817	97.448
	21	45194	44815	45005	45067	44706	44659	45045	44153	44294	45272	45023	45831	97.686
	22	44343	45041	44543	44854	45142	44483	45247	44526	44523	45399	45332	44681	97.514
	23	44716	45275	44635	44587	44616	44959	45443	44313	45232	45019	45262	45100	97.703

		S.V.I.R.CO. Observatory - Pressure Corrected Data - June 2013											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
17	0	45201	44368	44915	44692	44111	44523	45274	44678	45184	44759	44713	44584	97.310	
	1	44206	44763	44785	45014	44540	45154	44869	44854	45047	44400	45013	44455	97.330	
	2	44392	44436	44589	44815	45232	45060	44819	44578	44551	44567	44537	45091	97.252	
	3	44839	44069	44554	45110	44574	44611	45008	44764	45091	44536	44644	44644	97.211	
	4	44947	45009	45088	44467	44777	44594	44944	44589	44629	44399	45131	44771	97.375	
	5	44958	44894	44359	44817	44331	44782	45182	45599	45078	44975	44834	44403	97.532	
	6	44816	45295	44880	45438	44648	44841	44917	44997	45103	45088	45108	44102	97.717	
	7	45170	44633	44621	44748	45211	44702	44966	45253	44647	44201	45012	45119	97.545	
	8	44474	45043	44518	44961	44859	44793	44358	44750	45037	45033	45262	45031	97.515	
	9	45562	45528	44899	44798	45125	45322	44548	44836	45606	44649	44634	44071	97.779	
	10	45087	44769	44573	44967	45032	45536	44760	45088	45092	45356	45078	45026	97.922	
	11	45197	45246	45146	45129	44753	44888	45199	45592	44731	45342	44388	45176	97.998	
	12	45249	45094	44709	45411	44738	44467	45367	44814	45565	45354	45174	45123	98.049	
	13	44780	45425	45184	45447	45406	44674	45267	45470	45447	45634	44704	45050	98.307	
	14	44634	45385	44911	45854	45269	45041	45886	44751	45523	45510	45338	45566	98.521	
	15	45329	45519	45553	44641	45004	44502	45279	45345	45232	45077	45371	46010	98.375	
	16	45183	44721	45371	45082	45707	45333	44619	44552	45092	45466	44366	45345	98.008	
	17	45009	45178	44891	44738	45035	45391	45421	44803	44742	44820	45349	45357	97.989	
	18	45148	45497	45417	45154	44902	44748	45442	45550	44870	45044	45446	45086	98.273	
	19	44662	45216	45037	45272	44530	45550	44854	44328	44354	44786	45585	44694	97.650	
	20	44549	45262	45051	45395	44607	45307	44619	45002	44981	45050	45092	45237	97.883	
	21	44967	45404	45041	45495	44974	44772	45075	45692	44500	44273	45216	44671	97.870	
	22	44454	44738	44806	45357	45324	44570	44946	44314	44725	45350	44848	45013	97.574	
	23	45005	45493	44975	44593	44703	44866	44566	44694	44651	45273	44626	45131	97.598	
18	0	44407	44667	45029	44891	45085	45111	44857	44357	45511	45049	44331	44417	97.441	
	1	44782	44120	44542	45178	45030	45111	44635	44532	44345	44407	45427	45073	97.345	
	2	44672	44753	45468	45379	44482	45156	44982	45040	44774	45197	45180	44460	97.773	
	3	45191	44725	44699	44968	44797	45222	44350	44916	45106	44930	44729	44660	97.546	
	4	45122	44475	44920	45281	45026	44473	44519	44933	45513	45228	45109	44799	97.747	
	5	44727	45534	44601	45134	45254	44769	45348	45084	44938	44889	44619	44400	97.728	
	6	45096	44902	45067	44929	45593	45648	45122	44731	45252	44930	45876	44802	98.209	
	7	45051	44684	45019	45249	44893	44795	45058	44799	45327	44858	45312	45256	97.910	
	8	45006	45062	44972	45030	45178	44753	44928	45284	45190	45495	44996	44709	97.965	
	9	45672	45741	45079	45439	45224	45080	45510	45695	44854	44929	45102	45331	98.519	
	10	44957	45048	44694	45005	45526	45711	44911	45576	45381	45413	44927	45547	98.344	
	11	45321	44797	44954	45045	45780	45440	45326	45097	45067	45715	45026	45434	98.400	
	12	45725	45096	45387	45117	45341	45854	45813	45394	44784	45089	45542	45240	98.650	
	13	45041	44638	45533	44574	45368	45822	45157	45586	45219	45356	45757	45446	98.490	
	14	45480	45854	45031	45790	45593	44362	45030	45147	45916	45492	45501	45618	98.728	
	15	46263	45117	45086	45702	45171	45558	45629	44986	45603	45206	44904	45670	98.743	
	16	45131	45543	45574	45326	45255	45381	45829	45630	46352	45268	45045	45166	98.852	
	17	46034	45011	45003	45360	45763	45653	46043	45595	44885	45882	45409	45694	99.003	
	18	44862	45316	45327	45428	45760	45492	45597	45187	45300	45021	45244	45970	98.672	
	19	44853	45429	44935	45093	45662	45385	45057	45513	44910	45788	45357	45320	98.454	
	20	45012	45368	45084	45108	45060	44975	45433	45031	45331	44750	45455	45300	98.202	
	21	45067	45530	45015	45235	45073	44755	44827	45260	45702	44857	45203	44858	98.106	
	22	45014	45188	45295	44832	45192	45344	45116	45262	45325	45699	45787	45531	98.505	
	23	44177	45418	44738	44954	45558	44882	45125	44727	45015	44879	45134	44873	97.761	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – June 2013											20 NM-64		
		INAF/UNIromaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
19	0	44800	45128	44736	45335	45431	44782	45572	45257	45445	45343	45134	45439	98.289	
	1	45953	45178	45003	44700	44667	45047	44649	45682	44978	45244	44959	44641	97.983	
	2	45342	44787	44860	45485	44734	44872	45016	45081	44935	45325	44995	45504	98.025	
	3	45711	45067	44853	45174	44936	45334	44448	44599	45424	45513	45304	45307	98.158	
	4	45827	45536	45204	44829	45185	45284	44868	45184	45698	44928	45244	45083	98.376	
	5	45221	45435	45571	44854	45459	45340	44938	46073	45392	44899	45193	45347	98.530	
	6	45770	45545	46019	44846	45135	44964	45259	46563	44819	45493	45877	45391	98.885	
	7	45107	45242	45286	45009	45123	46149	45150	45556	45284	45399	45276	44530	98.419	
	8	44909	45420	44873	44764	44902	45055	44834	45163	44843	45996	45359	45168	98.088	
	9	45013	45086	45399	45201	44747	45203	44930	45418	45103	44978	45130	45602	98.184	
	10	45314	45515	45511	45623	44723	45482	45252	45185	45025	45807	45027	45088	98.499	
	11	45125	44508	45826	45236	45550	44924	45135	45243	44767	45564	45302	45665	98.372	
	12	45027	44770	45477	45562	45857	45294	44958	44989	45581	45368	45069	45130	98.414	
	13	45464	45649	45216	46131	45019	45786	44969	45267	45502	45751	45253	45302	98.818	
	14	45527	45633	45741	45565	45842	44988	45142	45186	44885	45197	45091	45181	98.577	
	15	46058	45250	45671	45513	44820	44957	45087	45748	45130	45631	45314	44634	98.546	
	16	45514	45594	45424	45288	44827	44541	45315	44932	45624	45264	44944	45216	98.305	
	17	45358	44739	45651	45395	45514	45067	45723	45057	45148	45524	45157	44920	98.445	
	18	44975	45982	45977	45485	45547	45392	45193	45836	45116	44751	45517	45448	98.801	
	19	45541	45707	45208	45818	44868	45071	45156	45539	44502	45025	45878	45480	98.543	
	20	45188	45415	44919	45360	44873	45100	45247	45783	44974	45665	45256	44451	98.260	
	21	45053	45346	44671	45361	45246	45997	45214	45309	44446	44911	45408	45201	98.248	
	22	44962	44969	45239	45261	45445	45221	45526	44846	45037	44998	44907	45731	98.244	
	23	44672	45570	45229	44903	45017	45089	45509	45267	44986	45381	45245	45378	98.263	
20	0	45378	45538	45314	44812	45413	45868	45300	45615	45305	45190	45362	45018	98.595	
	1	45477	46038	45265	44698	44934	44428	45280	45250	45348	45235	45814	45742	98.492	
	2	45106	45522	44798	45516	45862	44819	45762	45296	44955	45007	45282	45187	98.420	
	3	45131	44595	45359	45911	45199	45310	45570	45826	45481	45275	44894	44993	98.498	
	4	44881	45940	45174	45403	44913	44739	44840	45248	45035	44857	45364	44605	98.037	
	5	45538	45455	44662	45125	45698	45594	45714	45454	45416	44980	45628	45397	98.700	
	6	45397	45375	45557	45044	45443	45259	45704	44809	45191	46108	45773	44968	98.694	
	7	45732	44962	45137	45236	45143	45815	45475	45449	45197	45262	45391	45228	98.585	
	8	44958	45395	44979	45192	45428	45464	46034	45733	45175	45994	45057	45381	98.724	
	9	44678	44913	45169	45455	44994	45379	44950	45035	45530	45185	44371	45133	98.000	
	10	45563	45345	45565	45052	44920	45407	45159	45682	45755	45407	45594	45505	98.753	
	11	44866	45245	45349	45046	45286	45468	44944	44719	45359	45651	45712	45971	98.511	
	12	45182	45577	45811	45429	45016	44796	45535	45360	45509	45138	45034	45672	98.591	
	13	45683	45672	44711	44871	45484	45022	45077	45479	45621	45247	45572	45539	98.576	
	14	45413	45476	46050	45008	45338	46049	45574	45586	45574	45424	45303	45252	98.951	
	15	45422	45937	44964	44945	45090	45455	45527	45799	45358	45597	45636	45794	98.857	
	16	45555	45284	45425	45138	45283	45304	45488	45603	45222	45061	44811	45608	98.541	
	17	45153	46067	45506	44894	45228	45273	45122	45589	45254	45731	45261	45279	98.645	
	18	44827	45167	45577	45193	45715	45557	45275	45944	45402	45572	45341	45618	98.796	
	19	45149	45680	45685	45500	45114	45771	45430	45262	45510	45703	45282	45511	98.870	
	20	45653	45510	45293	45561	45187	45029	45845	44919	45465	45105	44963	45147	98.522	
	21	45199	45676	45627	45252	45101	44487	44862	45055	44729	45107	45023	44923	98.044	
	22	45230	45728	45451	45256	44886	44996	45394	45039	45024	45305	45603	43893	98.183	
	23	45923	45397	45293	45391	45479	44559	45382	44980	44926	45361	45118	44783	98.325	

		S.V.I.R.CO. Observatory - Pressure Corrected Data - June 2013											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
21	0	45333	45182	44717	45341	45070	44896	45219	45327	45076	45293	44674	44780	98.016
	1	45243	45566	45268	45285	45500	45023	45446	44969	45321	44968	44707	44682	98.214
	2	45271	45157	45433	44529	45775	45229	45193	45192	44921	45109	44915	44983	98.165
	3	45667	45355	45468	45092	44998	45338	45121	44591	44819	44858	45434	44965	98.165
	4	44792	45025	45392	45490	45138	45267	45302	44719	45404	45770	45766	45158	98.440
	5	44921	45037	45243	44698	45392	45164	45413	45203	45021	45469	45255	45454	98.267
	6	45127	44559	45499	45787	44767	45192	45195	45887	45647	45084	45785	45387	98.565
	7	45604	46033	45989	45975	44792	45418	45349	45563	45340	45799	45921	45093	99.102
	8	45523	45142	45368	45091	45616	44812	45239	45278	44766	45319	45475	44820	98.300
	9	45929	46341	45506	46005	45564	45047	45181	44763	45364	45427	45371	45422	98.929
	10	45266	45463	45020	45237	45820	45482	45713	45072	45513	45576	45228	45785	98.793
	11	45404	45417	44728	45606	45509	45062	45234	45806	45303	45932	45472	45178	98.698
	12	44878	45600	45076	45139	45262	45557	45603	46165	45401	45397	45249	46244	98.865
	13	45552	45741	45718	45068	45574	45391	45648	45645	45996	45675	45281	44975	98.991
	14	45414	44898	45830	45756	45399	45899	45041	45591	45210	45473	45228	45359	98.780
	15	44706	44658	45840	45279	45259	45502	45305	44896	45205	45612	45208	44829	98.272
	16	45066	45195	45576	45372	44917	45612	45739	44882	45479	45165	44899	45395	98.453
	17	45269	44833	45282	44899	45422	44971	45595	45130	45842	45557	45485	44761	98.408
	18	44997	45712	45371	45794	46025	44977	45344	45366	44995	44535	45209	45145	98.484
	19	45555	45357	45795	44792	45339	45381	44863	44866	45355	45211	45477	45180	98.431
	20	45200	45485	44970	45130	44335	45123	45212	45006	45461	45523	44992	45672	98.238
	21	45483	45468	45726	45985	44869	45409	45468	45146	45522	45220	45131	45227	98.699
	22	45331	45129	45535	44698	45264	45831	45117	45240	45022	45335	45505	45400	98.473
	23	44793	45355	45220	45154	45489	45528	45131	45674	44834	45181	44671	45072	98.237
22	0	45156	45266	45177	45214	45432	45108	45331	44786	44899	44932	45329	45037	98.153
	1	45396	45272	45417	45270	45654	44962	45724	45547	44872	44972	45218	44974	98.449
	2	44954	44788	44839	45249	45615	45399	44957	44665	45500	44981	45009	45249	98.074
	3	45211	45097	45332	45614	45532	45137	44994	45255	45685	44850	45081	45444	98.441
	4	45274	45204	45081	44953	45066	45197	44944	45142	44903	45577	45350	44821	98.130
	5	44935	45415	45165	45759	45396	45144	45608	45091	45512	45326	45375	45878	98.690
	6	44568	45839	45418	45301	45373	45589	45503	45789	45609	44886	44791	45113	98.540
	7	44808	45406	45288	44750	45020	45643	44838	45043	45220	45486	44922	45427	98.191
	8	45855	44495	44896	45204	45225	45974	44795	44911	45612	46068	45665	45670	98.648
	9	45619	45475	44835	45362	45027	45285	45697	45474	45646	45590	45213	45780	98.762
	10	44720	45439	45416	45088	44460	45248	45971	45717	45501	45684	45611	45336	98.615
	11	45468	44876	45472	45660	45184	44647	46093	45016	44570	45206	45326	45840	98.464
	12	45220	45301	44755	45640	45935	44777	45740	45065	45303	45635	45796	45298	98.665
	13	46217	46016	45037	45990	45601	45107	44747	45409	45651	44944	45926	45789	99.022
	14	45093	45740	45716	45079	45625	45667	45882	45123	45860	45380	45721	44934	98.911
	15	45641	45546	45733	45045	45230	46148	45727	45376	45268	45228	45436	45461	98.914
	16	44849	45892	45736	45854	45524	45795	45966	45232	45590	45011	45401	45182	98.949
	17	45653	45459	45643	44222	45736	45271	45342	45738	45527	44576	44809	45536	98.492
	18	46006	45157	45206	45419	45815	44984	45887	45607	45776	46245	45618	45182	99.106
	19	45556	45507	44734	44836	45534	45278	45298	45708	45885	45622	45282	45703	98.751
	20	44988	45009	45687	45227	45433	45666	45560	45475	45023	45289	45510	45260	98.603
	21	45788	45631	45421	45356	45566	45344	45139	45324	45204	45181	44833	45316	98.600
	22	45421	45370	45085	45634	45694	45418	45706	45825	45040	45571	45131	44893	98.723
	23	44981	45270	45361	45575	45498	44997	45873	45113	45457	45871	45239	44414	98.517

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		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
23	0	45396	45816	45392	44853	44703	45687	45516	45851	45806	45253	45026	45125	98.655
	1	45450	46013	45055	45635	44852	46026	45021	45168	46182	44988	45394	44925	98.709
	2	45508	45452	45401	45091	45175	45195	45261	44954	45736	45081	45287	45452	98.507
	3	44899	45463	45086	45738	45973	45180	45418	45472	45146	44590	45163	45072	98.436
	4	46061	45641	45355	45238	44939	45383	45492	44763	45060	45498	45119	45154	98.527
	5	45531	45010	45884	45102	46030	45096	46020	44999	45108	46031	45989	45394	98.978
	6	45926	44903	45665	45556	45800	45459	45753	45318	45757	45199	45824	46046	99.162
	7	45170	45838	45886	45651	45430	45936	44932	45004	45520	45353	44764	45560	98.769
	8	45585	44649	45453	45324	45508	45005	45686	45991	45503	45719	45679	45618	98.892
	9	45491	45703	45488	45618	45221	45073	45502	45777	45707	46104	45953	45619	99.171
	10	45523	46046	45678	45844	45773	45541	45540	46247	45517	45726	45021	45161	99.236
	11	45427	45380	45328	45207	45123	44795	45213	44495	45153	45230	45514	45304	98.249
	12	45318	45204	45118	44829	45666	45302	45613	45283	45521	45797	45568	45209	98.658
	13	45256	44992	45550	45297	45646	45995	45480	45613	45025	45177	45020	45255	98.636
	14	45333	45232	45627	45713	44911	45572	45228	44897	44972	45139	44995	45448	98.411
	15	44930	45039	45237	45620	45405	45870	45846	45321	45592	44370	45887	45389	98.672
	16	45276	45420	44834	44683	45082	44956	45236	45213	45122	45533	44667	44665	97.980
	17	45507	44882	45342	45323	45723	44822	44867	44770	45042	45265	45210	44940	98.162
	18	44885	44613	44778	45161	44951	45386	44905	45093	44353	44709	44446	43884	97.342
	19	44451	44155	44850	45012	44921	44615	44399	44621	44402	44637	44245	44812	96.971
	20	44524	44229	44395	45060	44011	44168	44464	43808	44107	43788	43890	43929	96.111
	21	44286	43947	44484	44215	43786	44360	44426	44071	44240	43858	44352	44293	96.101
	22	43564	44547	44515	43845	44241	44042	44153	44397	44143	44061	44045	44071	95.975
	23	44402	43985	44530	44631	44546	43787	43956	44322	44232	44510	44335	44209	96.306
24	0	44094	44365	43860	44037	44100	44264	43913	44232	43506	44211	44252	44371	95.897
	1	43839	43592	43913	44559	44652	44136	44709	43704	44252	44591	43921	44252	96.065
	2	44728	44386	44349	44808	44484	43701	44203	43878	44769	43806	45543	43937	96.513
	3	43691	44423	44230	43985	44318	44391	44233	44302	44975	44678	44440	44972	96.522
	4	44147	44365	44081	44437	44610	44384	44091	44389	44021	44346	44716	44431	96.409
	5	44575	43826	45108	44442	44318	45102	44217	44572	44356	44867	44267	43688	96.649
	6	43937	43890	44010	44240	43991	44272	43968	44354	44474	44139	44741	44831	96.198
	7	44368	44821	44246	44482	44509	43660	44207	44533	44435	43859	43717	43944	96.185
	8	44441	43955	44590	43816	44075	44376	44107	43951	44262	44250	44570	44292	96.168
	9	43990	44099	43945	44963	44615	44173	44105	44288	44529	44449	44388	43775	96.283
	10	45162	44789	43876	44330	44337	44562	45019	44529	44296	44861	43748	44401	96.752
	11	44318	44389	44185	44645	44247	44979	44716	44380	45183	44607	44192	44367	96.806
	12	44689	44617	44213	43891	45344	44323	44508	44806	44292	44833	44393	44763	96.890
	13	44752	44847	44302	44050	44582	44560	44352	44297	44959	44075	45015	44165	96.761
	14	45223	44505	45027	45022	44387	44432	44245	44517	44658	44688	44838	44385	97.118
	15	44398	44391	45104	44059	45286	45370	44646	44583	45150	44594	44429	44973	97.309
	16	44690	44503	44552	44790	44402	44666	44479	43903	44707	44945	45083	45030	97.085
	17	45019	44912	45042	44728	44904	45084	44657	44684	45024	45773	44888	44893	97.784
	18	44717	45195	44649	45124	44355	44322	44744	44874	45245	45000	44521	44798	97.410
	19	44807	44772	44838	44986	44327	44484	45250	44308	44596	44545	45532	44857	97.367
	20	44564	44828	44823	44835	44737	44514	44897	44213	44484	44477	44551	44980	97.113
	21	44392	44610	44553	44684	45122	44990	45130	45123	44470	44994	44739	45311	97.515
	22	45087	45165	44391	44922	44498	44292	44798	44918	44919	44776	45003	44490	97.359
	23	44613	44149	44573	45273	44199	45248	44739	44776	44620	44256	45175	44841	97.214

		S.V.I.R.CO. Observatory - Pressure Corrected Data - June 2013												20 NM-64
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
25	0	44028	45148	44463	44546	45048	44793	44566	44451	45398	44525	44684	43719	97.020
	1	43915	43996	44771	43994	44347	44329	43940	44394	44965	44723	44684	44824	96.566
	2	44880	44508	43812	44269	44223	44937	44396	43923	44236	45422	44882	44605	96.785
	3	44331	44749	44659	44669	44258	44779	44414	44651	44290	44841	44528	44600	96.908
	4	44672	45046	44732	44486	44144	45180	44494	44631	44811	45006	45001	44676	97.290
	5	44718	44827	44834	45153	45015	44820	44867	44403	44912	44653	44744	44710	97.431
	6	44019	44811	44232	44418	44733	44863	44551	45454	44601	44590	44628	44873	97.089
	7	44831	44755	44915	45319	45016	45109	45204	45063	44910	44462	45059	45532	97.888
	8	45652	44588	44836	44708	45111	44953	44659	44566	44778	45226	45545	45216	97.826
	9	45018	45032	45057	44776	44903	45153	44917	45330	44570	45217	44779	45231	97.853
	10	45165	44587	44627	44493	44941	44845	45297	45488	44155	44330	45459	44855	97.537
	11	44704	44892	45180	44914	44312	44223	44799	44705	44811	44997	44723	44088	97.194
	12	45428	44366	44838	44904	44624	44777	44852	44694	44920	44586	44281	44890	97.341
	13	44604	45011	44996	44525	45077	44663	43977	45171	44544	44212	44863	44461	97.150
	14	44142	44635	44826	45043	44989	44709	43639	44107	44533	44444	44843	44517	96.846
	15	44678	44422	44463	44775	43815	43911	44544	44757	44587	44929	45189	45299	97.017
	16	44429	44383	44420	44455	45029	44429	44581	45101	44240	45053	44796	44781	97.076
	17	44864	45074	44508	44330	44537	44524	44131	44271	45238	44995	44440	44485	97.022
	18	44227	44280	44334	44756	44675	44741	44740	44664	44465	44690	43546	44406	96.682
	19	44403	44288	44674	45101	44150	44772	45281	44629	44656	44949	45426	44417	97.266
	20	44198	44594	44518	44925	44543	44893	44826	44516	44581	44814	44630	44935	97.126
	21	44154	44190	44822	44686	44234	44636	44738	43605	45044	44468	44752	44158	96.675
	22	43934	44300	44457	44448	44417	44803	44400	44757	44973	44524	44542	44474	96.774
	23	44248	44109	44508	44190	44874	44487	44467	45079	44674	44893	43874	44288	96.712
26	0	43681	44649	44364	45091	45214	44619	44165	44833	44806	44627	45297	44945	97.182
	1	44461	44666	44614	44420	44602	44560	44300	44458	44358	44872	43954	45065	96.828
	2	44389	44860	44544	44487	44599	44855	44477	44778	44951	44189	44935	44775	97.101
	3	44969	44957	44781	44657	44179	44952	44051	44388	44154	44773	44226	45006	96.967
	4	44569	44823	44796	44404	44314	44232	44786	44526	44759	44165	44541	44203	96.790
	5	44772	44311	44563	45162	44396	44284	44744	44689	44373	44918	44264	44724	96.986
	6	44277	44209	44626	44232	44222	44633	44604	44453	44230	44077	44964	44788	96.644
	7	44626	44728	44335	44473	44670	44680	44422	44914	43934	44907	44400	44044	96.793
	8	45349	45021	44291	44941	44983	44446	44225	44927	44945	44742	45020	44602	97.401
	9	44406	44285	44371	43956	44707	44522	43704	44441	44741	44533	44587	44323	96.510
	10	44977	44589	44199	44093	44876	44792	44581	44750	44365	44826	45036	44840	97.117
	11	44467	44561	44492	44724	44984	44941	44385	44470	45133	44543	44408	44883	97.129
	12	44912	45223	44505	44854	45113	44601	44518	44971	44674	45040	44523	44716	97.431
	13	44648	45092	45156	44985	44815	44956	44724	44601	44479	44914	45299	44136	97.458
	14	44654	44534	45267	44764	45426	44494	44633	44924	45055	45287	45399	44580	97.678
	15	44370	45019	44896	45114	44919	44834	44958	44825	44601	44621	44711	44589	97.395
	16	44183	45081	45172	44616	44932	44845	44571	45400	44431	44398	44555	44709	97.293
	17	44818	45042	44731	45030	44313	44831	44979	45042	44694	44959	44083	44462	97.309
	18	44682	44811	45017	44639	44296	45243	44366	44527	44887	44509	44955	44602	97.227
	19	44733	44491	45070	45119	43949	45052	45705	44732	44677	45265	44715	44847	97.557
	20	45278	44760	44728	45293	45083	44399	44717	44453	44973	44391	44728	44539	97.374
	21	44881	44840	45270	44676	44659	44304	45164	44947	45087	44493	44740	44605	97.433
	22	45049	44833	44672	44353	44807	44615	45800	44850	44946	45095	45352	45001	97.742
	23	44614	44816	44490	44837	44865	45195	44832	45117	44331	44620	44633	44592	97.301

		S.V.I.R.CO. Observatory - Pressure Corrected Data – June 2013												20 NM-64
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
27	0	44050	45365	45144	44026	44574	44828	44430	44986	45201	44211	44502	44608	97.116
	1	45371	45228	44639	44405	44500	44551	44713	45711	44599	45166	44956	44449	97.545
	2	44653	44631	44493	44443	44998	44771	44129	44762	45176	45610	44911	45447	97.498
	3	45349	44336	45631	44601	44282	44927	44767	44584	44119	44676	45214	44637	97.334
	4	44758	45559	44951	44868	45043	45269	45011	45039	45355	45027	44860	44703	97.936
	5	44741	45348	45547	44518	44969	45780	45095	44751	44474	45460	45367	44729	97.997
	6	44828	44846	45299	44709	45291	44910	44709	45998	44996	45223	45157	45304	98.086
	7	45154	45542	44786	46104	44807	44647	45108	45224	45695	45575	44693	45236	98.321
	8	44356	44851	44774	45094	45370	45249	44805	45496	45301	45286	44898	44734	97.894
	9	44829	44706	45022	45189	44805	44806	44579	45051	44953	44651	45040	45183	97.641
	10	44601	45473	44904	44806	45102	44818	44425	45794	45003	45177	44417	44530	97.683
	11	44865	45296	45425	46036	44637	45567	44244	45072	45456	44630	45100	45345	98.159
	12	44854	44965	45107	45029	44496	45074	45255	44715	44967	45120	45044	45354	97.852
	13	44951	45234	45543	44982	45214	44940	44767	44872	45239	45238	45214	45105	98.091
	14	44629	45073	45300	45101	44577	45066	45249	45006	45077	44975	45175	45003	97.897
	15	44708	44341	44814	45065	44458	44631	44892	45162	45097	44895	45092	44917	97.506
	16	44920	44767	45300	44810	45116	45104	44714	45309	45327	44511	44793	45016	97.799
	17	44824	44944	44818	45041	45292	45292	45446	45162	44511	45192	45471	44368	97.921
	18	44979	44496	44658	44709	44097	44813	44616	44622	44796	45324	44592	45086	97.274
	19	44841	44407	44715	44557	44489	44351	44809	44803	44847	44430	44642	44499	97.020
	20	44669	44621	44454	44076	44463	44520	44599	44521	44702	44371	44529	45282	96.914
	21	44546	44325	45261	44326	44388	44582	44651	44604	44323	44985	44585	44746	97.008
	22	44817	44340	44374	43797	43964	44302	44102	44917	44342	43983	44515	44170	96.338
	23	43750	44206	44388	44119	44110	44362	44182	44086	44096	44481	44470	44218	96.129
28	0	44608	44133	44048	44519	44720	44729	44361	44649	44605	44584	44551	44634	96.790
	1	44290	44388	44783	44223	44710	44204	44479	44404	44368	44740	44750	44934	96.818
	2	44850	44732	44626	44411	44942	44918	44780	44155	44974	44220	45054	44487	97.158
	3	44483	44398	44450	44839	44474	44138	44784	43850	44321	43966	44185	44584	96.492
	4	44209	44345	44620	43576	44229	44535	44560	44092	44087	44146	44148	44326	96.202
	5	43931	43941	44463	43815	44633	44508	43982	44208	44460	43850	43657	43970	95.938
	6	45073	44494	43647	43873	44280	44222	44107	44090	44328	44793	44328	44034	96.274
	7	43259	44073	44464	43908	45088	44604	44220	44478	44661	44589	43983	44055	96.294
	8	44467	44222	44062	44218	44230	43800	44609	44144	44049	44714	44115	44599	96.267
	9	44492	44090	43682	44594	43850	44410	44791	44098	44726	44239	43964	44646	96.330
	10	44649	44646	45017	44243	44812	43781	44216	44071	44320	44573	44612	44757	96.713
	11	44577	44516	44144	44710	44843	44067	44262	43680	44209	44606	44604	44871	96.604
	12	44620	44037	44635	44756	44425	45100	44748	44769	44645	44696	44457	44682	97.053
	13	44868	44443	44750	44607	44719	43875	43891	44711	44504	44706	43789	44550	96.662
	14	44509	44135	44336	44452	44762	44724	44552	44699	44391	44426	44566	44413	96.762
	15	44037	44035	44710	44337	44546	44375	44588	44624	44740	44727	44582	44395	96.714
	16	44457	45010	44219	44374	43854	44759	44693	44523	44295	44373	44597	44616	96.727
	17	44457	44402	44086	44361	44756	44590	44902	44302	44946	45003	44283	44376	96.852
	18	44581	44840	44712	44734	44197	44274	45049	44911	45479	45142	44752	44949	97.424
	19	44881	44700	44498	45124	44722	44790	44594	44091	44957	44676	44567	44679	97.182
	20	44823	44496	44897	44713	44323	45033	45021	44507	44827	44623	44907	44941	97.332
	21	44672	45460	45277	45181	44754	45426	45194	45282	44919	44933	44747	44642	97.944
	22	44445	44688	44683	44773	44347	44681	44899	45341	45465	44683	44745	44775	97.407
	23	45199	45092	44729	45004	44754	45542	45414	45222	44765	45047	45108	44625	97.947

		S.V.I.R.CO. Observatory - Pressure Corrected Data - June 2013											20 NM-64	
		INAF/UNIromaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
29	0	44580	44864	44671	44961	45090	45047	45142	45048	45600	44776	45178	44985	97.843
	1	45160	44641	45514	45519	45221	45427	44961	45744	45226	45099	45045	45505	98.411
	2	44711	45222	45598	44971	45518	45209	45216	45518	45431	45041	45822	44860	98.421
	3	44778	45514	45245	44749	45244	45393	45277	45931	44578	46063	44801	45469	98.407
	4	45084	45803	46019	45432	44858	45257	45251	45487	45160	45213	45297	46086	98.752
	5	45615	45307	45455	45463	45509	45426	45430	45416	45780	45837	45926	46052	99.163
	6	46010	45893	45656	45065	45688	45724	45273	45952	45767	46571	45889	45272	99.443
	7	45111	45258	45322	45714	45691	45716	45655	45894	46020	45237	45640	45616	99.101
	8	45619	46406	45115	45452	45078	45527	45188	46108	45734	45165	45550	45530	99.028
	9	45173	46139	45474	45529	45877	45614	45398	45841	45879	45951	45159	45262	99.178
	10	46155	45441	45954	45020	45860	45544	45703	45617	45686	45740	45332	44943	99.123
	11	45737	45268	46390	45702	45868	45717	45776	45930	45545	45813	45639	45359	99.440
	12	45724	45648	45875	45106	45681	45390	46023	45583	45286	45928	45312	45137	99.069
	13	44963	45363	45286	45915	45030	45438	44899	45188	45616	45338	44775	45473	98.451
	14	45324	45022	45556	45340	45062	45373	44906	45469	45649	45178	45752	45745	98.649
	15	44887	45650	45836	45702	45153	45442	45209	45807	45188	45479	45298	45372	98.766
	16	45375	45364	44734	45072	45176	45494	45331	45069	44744	45410	44790	45078	98.153
	17	45047	45366	45492	44810	44629	45445	45374	44632	44842	44895	45341	45330	98.074
	18	45376	44986	44912	44652	45150	45426	45678	44871	45164	44910	45347	44822	98.090
	19	45414	45129	45585	45553	45583	45627	45728	45271	45267	45187	45121	45229	98.707
	20	45135	45004	44884	45122	44312	45252	45399	45313	45744	45563	44882	44630	98.080
	21	45088	45031	45083	45258	45234	45913	45231	45052	45292	45066	45006	44340	98.145
	22	45212	44809	44458	44907	44560	44646	45231	45118	45040	45315	45464	45555	97.913
	23	44670	45142	44412	45275	44657	45209	45306	44771	45443	44902	45308	44599	97.800
30	0	45538	44712	45170	44842	44867	44583	45142	44829	44149	45651	45092	45065	97.789
	1	44996	44519	45221	45017	44690	45654	45274	45125	45056	44943	44798	44761	97.865
	2	45352	45158	44655	44746	45004	45406	44522	44685	44468	44992	44739	44602	97.553
	3	45037	44556	45809	44803	44741	45132	44433	45028	44776	44646	45364	45223	97.774
	4	44611	45259	45013	45326	44691	44224	45342	44970	45021	44605	45023	45387	97.760
	5	45029	44707	45280	44210	45236	44435	45142	44417	44641	44836	44917	44863	97.441
	6	44872	45243	44317	45052	44738	44729	45184	45138	44729	45422	45607	45056	97.871
	7	44972	44941	44790	44711	44767	44945	45135	44661	44465	44874	45496	44693	97.575
	8	44575	45447	45706	44226	45029	45094	44836	45470	44538	45374	44897	45476	97.977
	9	44883	45648	45332	45135	44961	44751	45471	44817	45337	45075	44665	45116	98.072
	10	45507	44762	45355	45109	45374	45046	45498	45612	45025	45603	45098	44851	98.370
	11	44866	45270	45417	45068	45045	45270	45116	44798	45503	45488	44986	45256	98.233
	12	45870	45354	45345	45553	45399	45475	44997	45237	45950	45330	45411	45143	98.773
	13	44912	45084	45032	45676	44958	44920	44697	45599	44960	45293	45763	45087	98.215
	14	45421	45669	45848	45688	45355	45712	44693	45548	46050	45198	45440	45336	98.936
	15	44894	45640	45568	45357	45191	45813	45066	45580	45299	45030	45445	45333	98.619
	16	45076	45066	45696	45160	45428	45806	45320	45214	44962	45490	45504	45278	98.581
	17	45391	45199	45209	45482	45255	45349	44886	45105	44878	44747	44835	45588	98.204
	18	44873	45137	45310	44862	44833	44802	45140	45522	45491	44967	45985	44395	98.094
	19	45586	44899	45361	44678	45402	44658	44386	44889	45177	45082	45408	44509	97.863
	20	45911	44636	44170	44999	44832	45083	45166	45056	44883	45491	44964	46086	98.087
	21	44954	45426	45366	45195	45180	44507	45072	45279	44743	45093	45202	44438	97.938
	22	44856	44597	45339	45751	44522	45613	45449	44807	44712	44314	45283	44620	97.831
	23	45185	45422	44585	44794	45096	45123	45315	45236	44480	45011	45285	44677	97.893

S.V.I.R.CO. Observatory - Pressure in hectoPascal – June 2013

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
1	0	1005.87	1005.86	1005.82	1005.77	1005.72	1005.68	1005.62	1005.54	1005.52	1005.54	1005.57	1005.55	1005.66
	1	1005.49	1005.43	1005.37	1005.31	1005.26	1005.21	1005.14	1005.06	1005.02	1005.01	1004.98	1004.97	1005.19
	2	1004.98	1004.96	1004.93	1004.88	1004.83	1004.81	1004.80	1004.75	1004.68	1004.65	1004.64	1004.66	1004.80
	3	1004.72	1004.79	1004.84	1004.88	1004.91	1004.92	1004.93	1004.95	1004.95	1004.93	1004.90	1004.90	1004.88
	4	1004.94	1004.96	1004.95	1004.95	1004.97	1004.99	1004.99	1004.95	1004.92	1004.97	1005.02	1005.02	1004.97
	5	1005.02	1005.02	1005.03	1005.02	1005.02	1005.02	1005.02	1005.05	1005.10	1005.09	1005.08	1005.12	1005.05
	6	1005.13	1005.11	1005.06	1005.04	1005.08	1005.13	1005.17	1005.14	1005.16	1005.16	1005.07	1005.04	1005.11
	7	1005.05	1005.04	1005.06	1005.05	1004.99	1004.98	1004.98	1004.98	1005.02	1005.05	1005.10	1005.17	1005.04
	8	1005.19	1005.19	1005.17	1005.15	1005.24	1005.48	1005.68	1005.77	1005.82	1005.83	1005.79	1005.75	1005.50
	9	1005.77	1005.81	1005.81	1005.79	1005.75	1005.70	1005.66	1005.59	1005.46	1005.29	1004.93	1004.80	1005.53
	10	1005.41	1005.96	1006.10	1006.24	1006.33	1006.39	1006.37	1006.27	1006.24	1006.30	1006.34	1006.32	1006.19
	11	1006.27	1006.29	1006.39	1006.52	1006.58	1006.56	1006.53	1006.49	1006.46	1006.46	1006.46	1006.45	1006.45
	12	1006.43	1006.38	1006.30	1006.26	1006.27	1006.29	1006.33	1006.39	1006.39	1006.33	1006.25	1006.18	1006.31
	13	1006.10	1006.03	1006.01	1005.94	1005.92	1005.95	1005.92	1005.90	1005.88	1005.84	1005.83	1005.88	1005.93
	14	1005.88	1005.87	1005.88	1005.89	1005.88	1005.85	1005.81	1005.79	1005.77	1005.73	1005.71	1005.69	1005.81
	15	1005.66	1005.67	1005.67	1005.61	1005.58	1005.60	1005.66	1005.69	1005.71	1005.78	1005.82	1005.77	1005.68
	16	1005.76	1005.81	1005.89	1005.97	1005.96	1005.99	1006.07	1006.12	1006.22	1006.29	1006.35	1006.49	1006.07
	17	1006.66	1006.82	1007.04	1007.21	1007.18	1006.93	1006.13	1005.56	1005.90	1006.31	1006.57	1006.68	1006.58
	18	1006.67	1006.72	1006.78	1006.83	1006.92	1006.95	1006.95	1006.97	1007.03	1007.05	1007.06	1007.12	1006.92
	19	1007.17	1007.19	1007.23	1007.28	1007.27	1007.24	1007.27	1007.37	1007.43	1007.52	1007.60	1007.61	1007.35
	20	1007.66	1007.75	1007.85	1007.95	1008.00	1008.01	1008.00	1007.98	1008.02	1008.10	1008.16	1008.19	1007.97
	21	1008.24	1008.27	1008.24	1008.21	1008.16	1008.15	1008.17	1008.17	1008.17	1008.16	1008.18	1008.17	1008.19
	22	1008.10	1008.10	1008.17	1008.26	1008.33	1008.37	1008.40	1008.37	1008.33	1008.28	1008.26	1008.22	1008.26
	23	1008.16	1008.13	1008.14	1008.20	1008.20	1008.18	1008.20	1008.19	1008.17	1008.17	1008.21	1008.25	1008.18
2	0	1008.20	1008.17	1008.15	1008.20	1008.25	1008.26	1008.23	1008.19	1008.19	1008.25	1008.28	1008.29	1008.22
	1	1008.35	1008.37	1008.39	1008.38	1008.15	1007.92	1007.84	1007.77	1007.75	1007.76	1007.72	1007.65	1008.00
	2	1007.65	1007.67	1007.70	1007.74	1007.79	1007.84	1007.82	1007.84	1007.88	1007.91	1007.94	1007.90	1007.80
	3	1007.88	1007.88	1007.86	1007.89	1007.92	1007.86	1007.82	1007.84	1007.86	1007.89	1007.96	1008.07	1007.89
	4	1008.13	1008.14	1008.13	1008.18	1008.30	1008.41	1008.47	1008.48	1008.46	1008.51	1008.56	1008.65	1008.37
	5	1008.75	1008.77	1008.78	1008.76	1008.70	1008.68	1008.65	1008.66	1008.75	1008.80	1008.80	1008.81	1008.74
	6	1008.82	1008.83	1008.86	1008.88	1008.93	1009.00	1009.04	1009.05	1009.02	1009.02	1009.06	1009.12	1008.97
	7	1009.12	1009.13	1009.18	1009.15	1009.09	1009.06	1009.08	1009.14	1009.14	1009.13	1009.15	1009.12	1009.12
	8	1009.08	1009.09	1009.10	1009.07	1009.06	1009.10	1009.15	1009.19	1009.18	1009.17	1009.17	1009.17	1009.13
	9	1009.17	1009.20	1009.24	1009.27	1009.32	1009.38	1009.37	1009.32	1009.29	1009.28	1009.30	1009.32	1009.29
	10	1009.32	1009.36	1009.42	1009.49	1009.53	1009.52	1009.57	1009.64	1009.71	1009.73	1009.70	1009.71	1009.56
	11	1009.78	1009.83	1009.91	1009.99	1010.06	1010.08	1010.06	1010.06	1010.06	1010.06	1010.09	1010.11	1010.01
	12	1010.13	1010.11	1010.10	1010.13	1010.13	1010.14	1010.15	1010.13	1010.11	1010.08	1010.07	1010.09	1010.11
	13	1010.10	1010.13	1010.17	1010.20	1010.20	1010.26	1010.29	1010.30	1010.33	1010.36	1010.42	1010.47	1010.27
	14	1010.48	1010.49	1010.45	1010.41	1010.40	1010.40	1010.41	1010.40	1010.42	1010.45	1010.50	1010.59	1010.45
	15	1010.66	1010.68	1010.71	1010.76	1010.77	1010.78	1010.78	1010.78	1010.78	1010.80	1010.86	1010.88	1010.77
	16	1010.88	1010.91	1010.92	1010.92	1010.91	1010.90	1010.93	1010.96	1010.97	1011.00	1011.10	1011.19	1010.96
	17	1011.23	1011.25	1011.29	1011.33	1011.36	1011.40	1011.42	1011.42	1011.45	1011.48	1011.48	1011.47	1011.38
	18	1011.51	1011.57	1011.58	1011.57	1011.58	1011.64	1011.72	1011.81	1011.90	1011.96	1012.05	1012.18	1011.76
	19	1012.33	1012.47	1012.53	1012.54	1012.58	1012.64	1012.65	1012.66	1012.71	1012.78	1012.86	1012.95	1012.64
	20	1012.97	1012.95	1012.98	1013.08	1013.16	1013.19	1013.21	1013.20	1013.18	1013.19	1013.20	1013.20	1013.12
	21	1013.20	1013.17	1013.13	1013.13	1013.07	1013.04	1013.07	1013.07	1013.07	1013.01	1012.98	1012.95	1013.07
	22	1012.90	1012.89	1012.85	1012.81	1012.75	1012.68	1012.62	1012.57	1012.48	1012.39	1012.41	1012.45	1012.65
	23	1012.41	1012.41	1012.44	1012.44	1012.42	1012.42	1012.39	1012.34	1012.29	1012.26	1012.24	1012.24	1012.36

S.V.I.R.CO. Observatory - Pressure in hectoPascal – June 2013

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
3	0	1012.25	1012.27	1012.30	1012.32	1012.35	1012.35	1012.34	1012.35	1012.38	1012.40	1012.43	1012.44	1012.35
	1	1012.44	1012.43	1012.44	1012.45	1012.43	1012.42	1012.41	1012.40	1012.39	1012.39	1012.40	1012.44	1012.42
	2	1012.49	1012.50	1012.51	1012.54	1012.55	1012.54	1012.55	1012.56	1012.56	1012.55	1012.54	1012.56	1012.54
	3	1012.59	1012.62	1012.64	1012.66	1012.67	1012.69	1012.71	1012.69	1012.65	1012.65	1012.66	1012.65	1012.65
	4	1012.66	1012.73	1012.77	1012.79	1012.79	1012.81	1012.83	1012.81	1012.78	1012.80	1012.86	1012.90	1012.79
	5	1012.95	1012.98	1012.99	1012.99	1012.96	1012.95	1012.98	1013.00	1013.01	1013.02	1013.01	1012.98	1012.98
	6	1012.97	1012.96	1012.95	1012.97	1013.01	1013.04	1013.05	1013.07	1013.09	1013.10	1013.12	1013.12	1013.04
	7	1013.13	1013.15	1013.17	1013.17	1013.16	1013.11	1013.08	1013.10	1013.11	1013.11	1013.12	1013.12	1013.12
	8	1013.10	1013.11	1013.16	1013.20	1013.22	1013.20	1013.18	1013.16	1013.14	1013.12	1013.11	1013.08	1013.15
	9	1013.06	1013.05	1013.01	1012.99	1012.97	1012.96	1012.98	1013.01	1013.01	1012.97	1012.92	1012.89	1012.98
	10	1012.86	1012.82	1012.75	1012.70	1012.67	1012.63	1012.58	1012.53	1012.50	1012.47	1012.42	1012.36	1012.61
	11	1012.32	1012.28	1012.23	1012.18	1012.15	1012.10	1012.06	1012.02	1011.98	1011.94	1011.91	1011.88	1012.08
	12	1011.87	1011.90	1011.96	1012.03	1012.07	1012.06	1012.02	1012.02	1012.00	1011.98	1011.95	1011.85	1011.97
	13	1011.76	1011.73	1011.76	1011.79	1011.73	1011.65	1011.65	1011.64	1011.62	1011.60	1011.60	1011.61	1011.68
	14	1011.64	1011.65	1011.60	1011.55	1011.51	1011.48	1011.44	1011.44	1011.50	1011.56	1011.63	1011.69	1011.56
	15	1011.75	1011.87	1011.94	1011.92	1011.91	1011.91	1011.98	1012.09	1012.18	1012.23	1012.18	1012.13	1012.01
	16	1012.12	1012.16	1012.23	1012.29	1012.36	1012.43	1012.50	1012.56	1012.62	1012.65	1012.67	1012.71	1012.44
	17	1012.80	1012.90	1013.03	1013.08	1013.04	1013.05	1013.05	1013.02	1013.08	1013.17	1013.26	1013.31	1013.06
	18	1013.32	1013.31	1013.22	1013.13	1013.08	1013.08	1013.08	1013.03	1013.01	1013.00	1012.94	1012.93	1013.09
	19	1013.01	1013.06	1013.10	1013.16	1013.23	1013.29	1013.35	1013.39	1013.39	1013.38	1013.39	1013.39	1013.26
	20	1013.40	1013.42	1013.44	1013.47	1013.50	1013.51	1013.50	1013.49	1013.48	1013.47	1013.45	1013.45	1013.46
	21	1013.47	1013.50	1013.49	1013.48	1013.51	1013.51	1013.49	1013.46	1013.45	1013.46	1013.47	1013.47	1013.48
	22	1013.49	1013.50	1013.48	1013.46	1013.44	1013.39	1013.35	1013.35	1013.34	1013.32	1013.28	1013.24	1013.39
	23	1013.24	1013.25	1013.24	1013.23	1013.22	1013.22	1013.23	1013.24	1013.22	1013.20	1013.19	1013.16	1013.22
4	0	1013.09	1013.10	1013.07	1013.02	1013.02	1013.03	1013.00	1012.98	1012.97	1012.94	1012.91	1012.87	1012.99
	1	1012.83	1012.77	1012.74	1012.73	1012.66	1012.56	1012.51	1012.48	1012.47	1012.48	1012.48	1012.49	1012.60
	2	1012.49	1012.48	1012.47	1012.45	1012.41	1012.38	1012.36	1012.41	1012.49	1012.52	1012.55	1012.58	1012.46
	3	1012.59	1012.58	1012.56	1012.57	1012.60	1012.61	1012.59	1012.60	1012.62	1012.62	1012.66	1012.72	1012.61
	4	1012.75	1012.76	1012.79	1012.83	1012.86	1012.84	1012.80	1012.81	1012.83	1012.85	1012.89	1012.95	1012.83
	5	1012.98	1012.97	1012.92	1012.91	1012.97	1013.02	1013.06	1013.07	1013.05	1013.02	1013.00	1012.98	1012.99
	6	1012.96	1012.98	1013.01	1013.03	1013.05	1013.08	1013.11	1013.13	1013.14	1013.12	1013.12	1013.14	1013.07
	7	1013.17	1013.19	1013.20	1013.21	1013.23	1013.25	1013.25	1013.25	1013.24	1013.18	1013.12	1013.11	1013.20
	8	1013.13	1013.12	1013.11	1013.11	1013.11	1013.12	1013.13	1013.13	1013.12	1013.11	1013.10	1013.09	1013.11
	9	1013.09	1013.11	1013.09	1013.03	1012.99	1012.95	1012.91	1012.90	1012.87	1012.81	1012.78	1012.74	1012.94
	10	1012.68	1012.64	1012.63	1012.62	1012.59	1012.54	1012.49	1012.43	1012.34	1012.28	1012.26	1012.27	1012.48
	11	1012.30	1012.32	1012.30	1012.23	1012.16	1012.13	1012.14	1012.15	1012.14	1012.11	1012.13	1012.25	1012.20
	12	1012.33	1012.35	1012.36	1012.30	1012.19	1012.07	1012.01	1011.95	1011.88	1011.84	1011.77	1011.74	1012.06
	13	1011.77	1011.78	1011.80	1011.83	1011.85	1011.91	1012.01	1012.09	1012.11	1012.09	1012.08	1012.09	1011.95
	14	1012.14	1012.15	1012.07	1011.97	1011.94	1011.90	1011.85	1011.89	1011.98	1012.07	1012.13	1012.14	1012.02
	15	1012.08	1012.09	1012.12	1012.12	1012.18	1012.24	1012.28	1012.30	1012.32	1012.28	1012.19	1012.13	1012.19
	16	1012.09	1012.12	1012.17	1012.18	1012.23	1012.34	1012.43	1012.53	1012.52	1012.46	1012.51	1012.61	1012.35
	17	1012.63	1012.66	1012.76	1012.82	1012.86	1012.96	1013.10	1013.12	1013.07	1013.11	1013.17	1013.22	1012.95
	18	1013.30	1013.39	1013.46	1013.48	1013.46	1013.42	1013.35	1013.36	1013.45	1013.53	1013.58	1013.61	1013.45
	19	1013.65	1013.73	1013.83	1013.90	1014.00	1014.13	1014.28	1014.38	1014.42	1014.41	1014.39	1014.39	1014.12
	20	1014.41	1014.45	1014.50	1014.53	1014.55	1014.57	1014.65	1014.82	1014.95	1014.96	1014.96	1014.92	1014.69
	21	1014.79	1014.63	1014.54	1014.45	1014.32	1014.22	1014.19	1014.23	1014.26	1014.27	1014.32	1014.36	1014.38
	22	1014.41	1014.46	1014.51	1014.58	1014.59	1014.57	1014.56	1014.53	1014.50	1014.48	1014.45	1014.42	1014.50
	23	1014.38	1014.34	1014.30	1014.27	1014.25	1014.24	1014.20	1014.17	1014.16	1014.14	1014.14	1014.17	1014.23

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
5	0	1014.15	1014.16	1014.15	1014.15	1014.16	1014.18	1014.21	1014.21	1014.23	1014.26	1014.25	1014.24	1014.20
	1	1014.22	1014.18	1014.11	1014.07	1014.03	1013.98	1013.94	1013.92	1013.91	1013.92	1013.96	1013.98	1014.02
	2	1013.98	1013.96	1013.96	1013.96	1013.98	1014.07	1014.13	1014.15	1014.16	1014.15	1014.14	1014.12	1014.06
	3	1014.09	1014.10	1014.13	1014.16	1014.19	1014.22	1014.25	1014.29	1014.34	1014.35	1014.35	1014.38	1014.24
	4	1014.40	1014.40	1014.39	1014.42	1014.43	1014.44	1014.50	1014.53	1014.54	1014.56	1014.59	1014.63	1014.48
	5	1014.68	1014.72	1014.76	1014.84	1014.92	1014.94	1014.94	1014.98	1015.00	1014.99	1015.01	1015.04	1014.90
	6	1015.06	1015.09	1015.12	1015.14	1015.16	1015.17	1015.16	1015.17	1015.22	1015.23	1015.21	1015.23	1015.16
	7	1015.27	1015.26	1015.25	1015.26	1015.24	1015.21	1015.22	1015.21	1015.17	1015.18	1015.19	1015.18	1015.22
	8	1015.18	1015.17	1015.16	1015.17	1015.17	1015.18	1015.20	1015.24	1015.25	1015.21	1015.21	1015.23	1015.20
	9	1015.29	1015.34	1015.35	1015.35	1015.33	1015.31	1015.29	1015.30	1015.30	1015.29	1015.29	1015.30	1015.31
	10	1015.29	1015.26	1015.21	1015.17	1015.14	1015.10	1015.05	1014.98	1014.91	1014.87	1014.83	1014.79	1015.05
	11	1014.78	1014.79	1014.84	1014.91	1014.95	1014.96	1014.98	1014.96	1014.96	1015.01	1015.01	1014.99	1014.93
	12	1014.94	1014.86	1014.82	1014.84	1014.86	1014.84	1014.80	1014.76	1014.72	1014.66	1014.62	1014.60	1014.77
	13	1014.64	1014.73	1014.79	1014.90	1015.00	1015.07	1015.16	1015.19	1015.18	1015.18	1015.13	1015.07	1015.00
	14	1015.01	1014.91	1014.81	1014.71	1014.61	1014.59	1014.65	1014.68	1014.70	1014.77	1014.79	1014.77	1014.75
	15	1014.78	1014.78	1014.76	1014.75	1014.82	1014.88	1014.84	1014.80	1014.79	1014.79	1014.83	1014.90	1014.81
	16	1014.97	1015.08	1015.19	1015.24	1015.27	1015.30	1015.27	1015.24	1015.24	1015.23	1015.21	1015.23	1015.20
	17	1015.25	1015.25	1015.29	1015.34	1015.38	1015.40	1015.38	1015.32	1015.32	1015.38	1015.40	1015.37	1015.34
	18	1015.34	1015.32	1015.31	1015.34	1015.39	1015.40	1015.42	1015.47	1015.49	1015.51	1015.59	1015.65	1015.43
	19	1015.66	1015.68	1015.71	1015.78	1015.87	1015.88	1015.92	1015.98	1016.00	1016.00	1015.97	1015.99	1015.87
	20	1016.07	1016.16	1016.26	1016.33	1016.39	1016.42	1016.45	1016.46	1016.45	1016.44	1016.40	1016.34	1016.34
	21	1016.33	1016.36	1016.36	1016.37	1016.43	1016.52	1016.57	1016.56	1016.58	1016.63	1016.66	1016.68	1016.50
	22	1016.65	1016.60	1016.57	1016.55	1016.56	1016.56	1016.55	1016.56	1016.56	1016.55	1016.54	1016.54	1016.56
	23	1016.59	1016.60	1016.61	1016.62	1016.65	1016.71	1016.74	1016.75	1016.76	1016.74	1016.72	1016.70	1016.68
6	0	1016.69	1016.72	1016.76	1016.74	1016.69	1016.68	1016.69	1016.70	1016.72	1016.75	1016.76	1016.75	1016.72
	1	1016.74	1016.73	1016.71	1016.69	1016.67	1016.67	1016.67	1016.63	1016.56	1016.53	1016.51	1016.49	1016.63
	2	1016.48	1016.47	1016.48	1016.49	1016.49	1016.51	1016.54	1016.52	1016.47	1016.46	1016.48	1016.46	1016.49
	3	1016.46	1016.51	1016.57	1016.59	1016.60	1016.65	1016.68	1016.71	1016.78	1016.83	1016.82	1016.81	1016.66
	4	1016.83	1016.86	1016.88	1016.91	1016.94	1016.94	1016.95	1016.98	1017.00	1017.00	1017.03	1017.07	1016.95
	5	1017.11	1017.15	1017.19	1017.24	1017.26	1017.27	1017.28	1017.27	1017.22	1017.20	1017.24	1017.26	1017.22
	6	1017.30	1017.35	1017.38	1017.39	1017.40	1017.39	1017.38	1017.37	1017.32	1017.26	1017.25	1017.25	1017.33
	7	1017.22	1017.17	1017.15	1017.16	1017.18	1017.18	1017.16	1017.15	1017.14	1017.13	1017.14	1017.15	1017.16
	8	1017.16	1017.16	1017.15	1017.14	1017.12	1017.09	1017.04	1017.00	1016.95	1016.91	1016.90	1016.90	1017.04
	9	1016.87	1016.81	1016.80	1016.79	1016.77	1016.75	1016.69	1016.64	1016.64	1016.65	1016.62	1016.61	1016.72
	10	1016.60	1016.58	1016.56	1016.52	1016.45	1016.39	1016.34	1016.29	1016.24	1016.17	1016.14	1016.13	1016.37
	11	1016.10	1016.06	1016.03	1015.98	1015.94	1015.94	1015.95	1015.95	1015.91	1015.85	1015.80	1015.75	1015.94
	12	1015.70	1015.65	1015.59	1015.55	1015.52	1015.49	1015.47	1015.46	1015.45	1015.44	1015.41	1015.40	1015.51
	13	1015.38	1015.37	1015.39	1015.43	1015.46	1015.45	1015.44	1015.44	1015.43	1015.40	1015.38	1015.39	1015.41
	14	1015.39	1015.37	1015.36	1015.36	1015.32	1015.24	1015.23	1015.23	1015.20	1015.19	1015.16	1015.14	1015.26
	15	1015.14	1015.10	1015.07	1015.05	1015.04	1015.06	1015.06	1015.05	1015.03	1015.02	1015.01	1014.99	1015.05
	16	1014.94	1014.90	1014.87	1014.84	1014.83	1014.83	1014.82	1014.81	1014.83	1014.88	1014.92	1014.98	1014.87
	17	1015.05	1015.12	1015.19	1015.20	1015.25	1015.31	1015.33	1015.34	1015.31	1015.26	1015.23	1015.19	1015.23
	18	1015.14	1015.14	1015.15	1015.14	1015.11	1015.11	1015.16	1015.21	1015.24	1015.25	1015.29	1015.32	1015.19
	19	1015.33	1015.35	1015.40	1015.45	1015.48	1015.48	1015.54	1015.63	1015.67	1015.68	1015.72	1015.76	1015.54
	20	1015.80	1015.84	1015.87	1015.89	1015.90	1015.93	1015.95	1015.96	1015.95	1015.94	1015.92	1015.88	1015.90
	21	1015.87	1015.87	1015.86	1015.85	1015.83	1015.88	1015.96	1016.02	1016.05	1016.05	1016.02	1015.99	1015.94
	22	1015.98	1015.92	1015.89	1015.88	1015.85	1015.84	1015.84	1015.80	1015.76	1015.71	1015.69	1015.67	1015.82
	23	1015.64	1015.61	1015.56	1015.52	1015.52	1015.52	1015.50	1015.50	1015.50	1015.49	1015.47	1015.42	1015.52

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
7	0	1015.37	1015.34	1015.32	1015.34	1015.36	1015.38	1015.39	1015.37	1015.35	1015.30	1015.27	1015.25	1015.33
	1	1015.20	1015.16	1015.16	1015.20	1015.20	1015.16	1015.10	1015.03	1015.00	1015.03	1015.04	1015.00	1015.11
	2	1014.98	1014.99	1015.04	1015.09	1015.10	1015.10	1015.10	1015.11	1015.14	1015.18	1015.17	1015.14	1015.09
	3	1015.14	1015.15	1015.15	1015.15	1015.16	1015.16	1015.15	1015.16	1015.18	1015.18	1015.17	1015.18	1015.16
	4	1015.17	1015.19	1015.21	1015.23	1015.22	1015.16	1015.12	1015.11	1015.08	1015.05	1015.05	1015.07	1015.14
	5	1015.07	1015.07	1015.07	1015.07	1015.07	1015.07	1015.08	1015.09	1015.08	1015.06	1015.06	1015.03	1015.07
	6	1015.00	1015.00	1015.00	1014.99	1014.99	1014.96	1014.91	1014.91	1014.94	1014.95	1014.96	1015.00	1014.96
	7	1015.02	1015.02	1015.00	1015.00	1015.00	1015.00	1015.00	1015.00	1014.99	1014.98	1014.97	1014.95	1014.99
	8	1014.94	1014.92	1014.92	1014.92	1014.91	1014.88	1014.85	1014.82	1014.78	1014.75	1014.74	1014.71	1014.84
	9	1014.66	1014.64	1014.65	1014.63	1014.60	1014.58	1014.57	1014.57	1014.57	1014.58	1014.58	1014.57	1014.60
	10	1014.57	1014.56	1014.54	1014.50	1014.46	1014.43	1014.41	1014.40	1014.40	1014.41	1014.42	1014.41	1014.46
	11	1014.39	1014.39	1014.40	1014.41	1014.43	1014.45	1014.46	1014.45	1014.43	1014.43	1014.42	1014.35	1014.41
	12	1014.31	1014.30	1014.28	1014.23	1014.19	1014.19	1014.15	1014.10	1014.05	1014.03	1014.00	1013.97	1014.15
	13	1013.97	1013.95	1013.92	1013.92	1013.92	1013.90	1013.89	1013.88	1013.88	1013.86	1013.80	1013.80	1013.89
	14	1013.82	1013.82	1013.82	1013.81	1013.79	1013.73	1013.66	1013.64	1013.62	1013.59	1013.56	1013.54	1013.70
	15	1013.53	1013.53	1013.53	1013.52	1013.55	1013.57	1013.60	1013.67	1013.68	1013.67	1013.65	1013.61	1013.59
	16	1013.60	1013.58	1013.56	1013.56	1013.55	1013.56	1013.61	1013.67	1013.71	1013.71	1013.72	1013.73	1013.63
	17	1013.76	1013.78	1013.76	1013.77	1013.84	1013.94	1013.95	1013.92	1013.93	1013.95	1013.95	1013.97	1013.87
	18	1014.02	1014.03	1014.05	1014.06	1014.07	1014.10	1014.10	1014.09	1014.09	1014.10	1014.15	1014.21	1014.09
	19	1014.27	1014.31	1014.36	1014.42	1014.48	1014.52	1014.53	1014.53	1014.55	1014.59	1014.60	1014.64	1014.48
	20	1014.71	1014.75	1014.77	1014.77	1014.76	1014.77	1014.79	1014.81	1014.83	1014.85	1014.86	1014.84	1014.79
	21	1014.81	1014.82	1014.85	1014.85	1014.85	1014.83	1014.83	1014.84	1014.86	1014.89	1014.89	1014.88	1014.85
	22	1014.83	1014.81	1014.81	1014.79	1014.76	1014.74	1014.75	1014.75	1014.73	1014.71	1014.70	1014.70	1014.76
	23	1014.68	1014.66	1014.64	1014.63	1014.64	1014.65	1014.68	1014.72	1014.74	1014.73	1014.68	1014.64	1014.67
8	0	1014.56	1014.53	1014.45	1014.40	1014.37	1014.32	1014.28	1014.26	1014.27	1014.26	1014.23	1014.20	1014.33
	1	1014.16	1014.10	1014.05	1014.01	1013.98	1013.94	1013.90	1013.83	1013.78	1013.75	1013.70	1013.67	1013.90
	2	1013.67	1013.68	1013.68	1013.67	1013.64	1013.61	1013.58	1013.58	1013.59	1013.60	1013.62	1013.66	1013.63
	3	1013.74	1013.81	1013.85	1013.87	1013.89	1013.92	1013.94	1013.95	1013.97	1013.99	1014.02	1014.06	1013.92
	4	1014.06	1014.04	1014.03	1014.04	1014.04	1014.01	1013.98	1013.96	1013.93	1013.93	1013.93	1013.96	1013.99
	5	1014.00	1014.03	1014.05	1014.04	1014.02	1014.02	1014.03	1014.04	1014.04	1014.05	1014.05	1014.07	1014.03
	6	1014.12	1014.16	1014.19	1014.18	1014.16	1014.18	1014.21	1014.21	1014.22	1014.21	1014.20	1014.20	1014.18
	7	1014.17	1014.15	1014.15	1014.14	1014.13	1014.17	1014.23	1014.25	1014.23	1014.25	1014.28	1014.28	1014.20
	8	1014.30	1014.25	1014.19	1014.23	1014.26	1014.28	1014.28	1014.31	1014.35	1014.39	1014.49	1014.57	1014.32
	9	1014.63	1014.62	1014.46	1014.39	1014.42	1014.41	1014.40	1014.40	1014.39	1014.37	1014.33	1014.31	1014.43
	10	1014.33	1014.34	1014.33	1014.38	1014.38	1014.30	1014.29	1014.33	1014.32	1014.26	1014.21	1014.20	1014.30
	11	1014.23	1014.24	1014.21	1014.19	1014.16	1014.09	1014.03	1014.00	1013.96	1013.95	1013.95	1013.93	1014.08
	12	1013.90	1013.91	1013.87	1013.83	1013.80	1013.79	1013.85	1013.88	1013.87	1013.84	1013.77	1013.74	1013.84
	13	1013.76	1013.75	1013.76	1013.80	1013.82	1013.80	1013.77	1013.74	1013.71	1013.67	1013.63	1013.63	1013.73
	14	1013.65	1013.64	1013.63	1013.59	1013.55	1013.51	1013.47	1013.41	1013.41	1013.45	1013.41	1013.37	1013.50
	15	1013.32	1013.18	1013.00	1012.87	1012.86	1012.92	1012.94	1012.83	1012.61	1012.46	1012.44	1012.53	1012.83
	16	1012.66	1012.76	1012.83	1012.86	1012.89	1012.88	1012.83	1012.82	1012.87	1012.94	1012.94	1012.86	1012.84
	17	1012.83	1012.80	1012.72	1012.67	1012.64	1012.66	1012.69	1012.69	1012.67	1012.63	1012.62	1012.69	1012.69
	18	1012.79	1012.82	1012.80	1012.78	1012.80	1012.83	1012.84	1012.80	1012.80	1012.81	1012.80	1012.80	1012.80
	19	1012.85	1012.88	1012.94	1013.02	1013.06	1013.11	1013.16	1013.24	1013.33	1013.41	1013.46	1013.47	1013.16
	20	1013.48	1013.54	1013.62	1013.64	1013.67	1013.73	1013.72	1013.72	1013.77	1013.75	1013.67	1013.62	1013.66
	21	1013.63	1013.62	1013.64	1013.73	1013.78	1013.75	1013.73	1013.70	1013.69	1013.72	1013.70	1013.68	1013.69
	22	1013.71	1013.75	1013.77	1013.78	1013.79	1013.83	1013.93	1013.98	1013.92	1013.83	1013.82	1013.90	1013.83
	23	1013.96	1014.03	1013.99	1013.89	1013.90	1013.96	1013.97	1013.89	1013.84	1013.81	1013.68	1013.55	1013.87

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	1013.53	1013.54	1013.56	1013.51	1013.39	1013.30	1013.25	1013.20	1013.16	1013.24	1013.24	1013.16	1013.33
	1	1013.18	1013.23	1013.31	1013.37	1013.38	1013.37	1013.36	1013.34	1013.31	1013.29	1013.22	1013.12	1013.29
	2	1013.11	1013.19	1013.26	1013.28	1013.27	1013.29	1013.23	1013.16	1013.17	1013.19	1013.20	1013.24	1013.21
	3	1013.29	1013.32	1013.33	1013.29	1013.25	1013.27	1013.25	1013.22	1013.24	1013.29	1013.39	1013.36	1013.29
	4	1013.43	1013.62	1013.66	1013.57	1013.30	1013.11	1013.18	1013.13	1012.93	1012.84	1012.89	1012.97	1013.22
	5	1013.05	1013.01	1012.82	1012.67	1012.57	1012.50	1012.39	1012.28	1012.19	1012.17	1012.28	1012.47	1012.53
	6	1012.67	1012.80	1012.79	1012.63	1012.55	1012.62	1012.61	1012.54	1012.57	1012.60	1012.55	1012.50	1012.62
	7	1012.49	1012.52	1012.53	1012.53	1012.54	1012.52	1012.47	1012.42	1012.39	1012.40	1012.43	1012.45	1012.47
	8	1012.42	1012.44	1012.45	1012.43	1012.41	1012.42	1012.44	1012.47	1012.50	1012.52	1012.49	1012.44	1012.45
	9	1012.43	1012.50	1012.54	1012.56	1012.58	1012.54	1012.46	1012.50	1012.49	1012.43	1012.39	1012.23	1012.47
	10	1012.05	1012.05	1012.11	1012.12	1012.09	1012.12	1012.28	1012.42	1012.55	1012.65	1012.71	1012.76	1012.32
	11	1012.66	1012.43	1012.25	1012.31	1012.43	1012.25	1011.91	1011.79	1011.94	1012.06	1011.94	1011.77	1012.14
	12	1011.77	1011.73	1011.62	1011.68	1011.83	1011.91	1011.85	1011.70	1011.61	1011.57	1011.46	1011.26	1011.66
	13	1011.10	1010.98	1011.02	1010.97	1010.86	1010.96	1011.02	1011.05	1011.09	1011.12	1011.18	1011.29	1011.05
	14	1011.32	1011.33	1011.33	1011.38	1011.44	1011.38	1011.31	1011.38	1011.50	1011.44	1011.34	1011.33	1011.37
	15	1011.19	1010.91	1010.80	1010.83	1010.82	1010.84	1010.90	1010.85	1010.81	1010.82	1010.80	1010.74	1010.86
	16	1010.63	1010.55	1010.48	1010.42	1010.39	1010.36	1010.34	1010.33	1010.31	1010.35	1010.36	1010.35	1010.40
	17	1010.34	1010.35	1010.34	1010.32	1010.32	1010.32	1010.31	1010.29	1010.32	1010.37	1010.43	1010.46	1010.35
	18	1010.41	1010.35	1010.32	1010.33	1010.36	1010.39	1010.41	1010.41	1010.48	1010.55	1010.54	1010.57	1010.42
	19	1010.64	1010.67	1010.71	1010.76	1010.79	1010.86	1011.01	1011.17	1011.24	1011.31	1011.35	1011.38	1010.99
	20	1011.37	1011.35	1011.35	1011.35	1011.38	1011.42	1011.45	1011.42	1011.41	1011.45	1011.47	1011.49	1011.41
	21	1011.55	1011.61	1011.61	1011.61	1011.60	1011.60	1011.62	1011.64	1011.67	1011.68	1011.66	1011.63	1011.62
	22	1011.63	1011.63	1011.61	1011.58	1011.57	1011.58	1011.57	1011.52	1011.50	1011.50	1011.49	1011.49	1011.55
	23	1011.48	1011.45	1011.43	1011.40	1011.37	1011.33	1011.28	1011.25	1011.18	1011.14	1011.15	1011.14	1011.30
10	0	1011.10	1011.10	1011.06	1011.02	1011.02	1011.01	1010.99	1010.95	1010.91	1010.90	1010.88	1010.87	1010.98
	1	1010.88	1010.87	1010.83	1010.80	1010.79	1010.77	1010.74	1010.68	1010.62	1010.60	1010.61	1010.59	1010.73
	2	1010.51	1010.45	1010.42	1010.39	1010.35	1010.31	1010.27	1010.28	1010.35	1010.41	1010.47	1010.48	1010.39
	3	1010.43	1010.39	1010.40	1010.42	1010.38	1010.33	1010.31	1010.30	1010.34	1010.38	1010.36	1010.34	1010.36
	4	1010.39	1010.45	1010.47	1010.44	1010.40	1010.37	1010.36	1010.32	1010.29	1010.25	1010.20	1010.21	1010.34
	5	1010.24	1010.24	1010.24	1010.23	1010.18	1010.18	1010.20	1010.16	1010.13	1010.09	1010.06	1010.12	1010.17
	6	1010.21	1010.27	1010.33	1010.36	1010.35	1010.33	1010.32	1010.30	1010.34	1010.39	1010.41	1010.45	1010.34
	7	1010.51	1010.63	1010.75	1010.82	1010.90	1010.95	1010.94	1010.87	1010.82	1010.83	1010.84	1010.85	1010.81
	8	1010.88	1010.89	1010.90	1010.87	1010.87	1010.90	1010.89	1010.88	1010.90	1010.92	1010.95	1010.99	1010.90
	9	1011.03	1011.03	1011.00	1010.93	1010.92	1010.96	1011.00	1011.00	1011.00	1011.00	1010.99	1011.03	1010.99
	10	1011.05	1011.04	1011.06	1011.07	1011.02	1010.98	1010.96	1010.90	1010.83	1010.81	1010.80	1010.75	1010.94
	11	1010.68	1010.62	1010.61	1010.62	1010.60	1010.59	1010.60	1010.60	1010.59	1010.61	1010.64	1010.62	1010.61
	12	1010.58	1010.57	1010.57	1010.55	1010.53	1010.54	1010.54	1010.51	1010.52	1010.57	1010.57	1010.52	1010.55
	13	1010.48	1010.46	1010.45	1010.45	1010.42	1010.36	1010.34	1010.38	1010.41	1010.39	1010.36	1010.34	1010.40
	14	1010.34	1010.35	1010.35	1010.38	1010.38	1010.32	1010.27	1010.27	1010.25	1010.21	1010.18	1010.14	1010.28
	15	1010.08	1010.06	1010.08	1010.07	1010.04	1009.99	1009.95	1009.93	1009.89	1009.88	1009.88	1009.86	1009.97
	16	1009.85	1009.88	1009.90	1009.90	1009.92	1009.96	1010.00	1010.02	1010.08	1010.12	1010.11	1010.11	1009.99
	17	1010.13	1010.17	1010.20	1010.23	1010.29	1010.31	1010.36	1010.41	1010.42	1010.45	1010.46	1010.46	1010.32
	18	1010.49	1010.51	1010.54	1010.57	1010.57	1010.57	1010.59	1010.58	1010.59	1010.63	1010.67	1010.71	1010.58
	19	1010.77	1010.83	1010.88	1010.90	1010.91	1010.95	1011.01	1011.07	1011.13	1011.19	1011.24	1011.27	1011.01
	20	1011.29	1011.29	1011.28	1011.30	1011.37	1011.42	1011.43	1011.45	1011.47	1011.48	1011.48	1011.48	1011.39
	21	1011.49	1011.51	1011.54	1011.53	1011.53	1011.54	1011.55	1011.58	1011.60	1011.60	1011.58	1011.61	1011.55
	22	1011.65	1011.68	1011.72	1011.74	1011.72	1011.66	1011.58	1011.52	1011.51	1011.55	1011.60	1011.62	1011.63
	23	1011.63	1011.61	1011.54	1011.50	1011.53	1011.54	1011.49	1011.43	1011.40	1011.40	1011.39	1011.37	1011.48

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1011.34	1011.34	1011.34	1011.32	1011.30	1011.28	1011.24	1011.22	1011.23	1011.22	1011.17	1011.13	1011.26
	1	1011.15	1011.15	1011.11	1011.07	1011.07	1011.07	1011.10	1011.15	1011.16	1011.17	1011.19	1011.21	1011.13
	2	1011.21	1011.19	1011.18	1011.21	1011.28	1011.32	1011.35	1011.38	1011.36	1011.34	1011.35	1011.35	1011.29
	3	1011.34	1011.32	1011.27	1011.19	1011.16	1011.18	1011.18	1011.16	1011.16	1011.18	1011.21	1011.28	1011.22
	4	1011.33	1011.36	1011.39	1011.46	1011.51	1011.54	1011.58	1011.64	1011.68	1011.69	1011.74	1011.78	1011.56
	5	1011.81	1011.84	1011.86	1011.89	1011.91	1011.92	1011.94	1011.98	1012.01	1012.08	1012.17	1012.22	1011.97
	6	1012.25	1012.27	1012.26	1012.25	1012.26	1012.29	1012.33	1012.32	1012.30	1012.32	1012.34	1012.33	1012.29
	7	1012.35	1012.37	1012.38	1012.41	1012.40	1012.41	1012.45	1012.43	1012.40	1012.38	1012.35	1012.32	1012.39
	8	1012.28	1012.26	1012.23	1012.22	1012.23	1012.23	1012.25	1012.29	1012.30	1012.29	1012.31	1012.35	1012.27
	9	1012.36	1012.33	1012.28	1012.29	1012.29	1012.26	1012.27	1012.31	1012.31	1012.28	1012.26	1012.20	1012.28
	10	1012.15	1012.14	1012.15	1012.17	1012.20	1012.21	1012.23	1012.25	1012.24	1012.19	1012.19	1012.21	1012.19
	11	1012.20	1012.17	1012.14	1012.09	1012.04	1012.04	1012.03	1011.98	1011.95	1011.93	1011.94	1011.96	1012.04
	12	1011.92	1011.93	1011.97	1011.96	1011.96	1011.95	1011.94	1011.97	1011.98	1011.96	1011.96	1011.95	1011.95
	13	1011.93	1011.92	1011.91	1011.88	1011.84	1011.84	1011.81	1011.77	1011.79	1011.79	1011.75	1011.72	1011.83
	14	1011.67	1011.65	1011.60	1011.54	1011.49	1011.47	1011.40	1011.36	1011.35	1011.32	1011.29	1011.25	1011.45
	15	1011.24	1011.23	1011.19	1011.17	1011.17	1011.12	1011.04	1011.01	1010.96	1010.92	1010.95	1010.96	1011.08
	16	1010.96	1010.98	1011.00	1010.99	1011.00	1011.02	1011.04	1011.06	1011.07	1011.09	1011.10	1011.10	1011.03
	17	1011.13	1011.18	1011.23	1011.23	1011.24	1011.27	1011.31	1011.33	1011.36	1011.37	1011.34	1011.33	1011.27
	18	1011.34	1011.36	1011.38	1011.45	1011.53	1011.57	1011.64	1011.70	1011.73	1011.78	1011.85	1011.93	1011.60
	19	1012.01	1012.08	1012.14	1012.19	1012.22	1012.27	1012.36	1012.40	1012.41	1012.51	1012.61	1012.65	1012.32
	20	1012.69	1012.76	1012.84	1012.94	1012.98	1013.03	1013.06	1013.04	1013.02	1012.96	1012.91	1012.92	1012.93
	21	1012.97	1012.98	1012.98	1012.98	1012.97	1012.96	1012.97	1013.05	1013.12	1013.13	1013.14	1013.15	1013.03
	22	1013.17	1013.23	1013.27	1013.29	1013.28	1013.24	1013.19	1013.17	1013.18	1013.18	1013.18	1013.21	1013.21
	23	1013.25	1013.26	1013.28	1013.31	1013.29	1013.28	1013.31	1013.37	1013.42	1013.41	1013.39	1013.37	1013.33
12	0	1013.30	1013.29	1013.25	1013.20	1013.18	1013.17	1013.19	1013.20	1013.19	1013.21	1013.24	1013.23	1013.21
	1	1013.22	1013.22	1013.22	1013.22	1013.22	1013.24	1013.29	1013.32	1013.30	1013.26	1013.24	1013.24	1013.25
	2	1013.21	1013.19	1013.17	1013.18	1013.19	1013.18	1013.18	1013.17	1013.18	1013.20	1013.21	1013.24	1013.19
	3	1013.26	1013.29	1013.32	1013.34	1013.37	1013.41	1013.42	1013.41	1013.43	1013.45	1013.41	1013.37	1013.37
	4	1013.38	1013.44	1013.53	1013.58	1013.63	1013.66	1013.64	1013.65	1013.67	1013.66	1013.63	1013.62	1013.59
	5	1013.65	1013.71	1013.75	1013.76	1013.78	1013.79	1013.78	1013.79	1013.81	1013.83	1013.85	1013.88	1013.78
	6	1013.89	1013.86	1013.83	1013.85	1013.86	1013.90	1013.96	1013.98	1014.01	1014.05	1014.09	1014.08	1013.94
	7	1014.02	1013.99	1013.99	1013.98	1013.96	1013.96	1013.97	1013.97	1013.96	1013.92	1013.86	1013.84	1013.95
	8	1013.82	1013.80	1013.80	1013.81	1013.83	1013.84	1013.87	1013.87	1013.89	1013.92	1013.96	1014.02	1013.87
	9	1014.03	1014.03	1014.03	1014.04	1014.05	1014.05	1014.08	1014.12	1014.11	1014.10	1014.14	1014.17	1014.08
	10	1014.19	1014.19	1014.16	1014.14	1014.09	1014.01	1013.95	1013.90	1013.88	1013.87	1013.84	1013.84	1014.00
	11	1013.87	1013.85	1013.83	1013.81	1013.74	1013.71	1013.69	1013.65	1013.59	1013.55	1013.50	1013.48	1013.69
	12	1013.51	1013.50	1013.48	1013.46	1013.45	1013.47	1013.43	1013.39	1013.38	1013.38	1013.35	1013.31	1013.42
	13	1013.29	1013.23	1013.18	1013.11	1013.05	1012.99	1012.98	1012.94	1012.91	1012.96	1012.90	1012.83	1013.03
	14	1012.83	1012.83	1012.89	1012.91	1012.89	1012.85	1012.80	1012.74	1012.70	1012.72	1012.71	1012.70	1012.80
	15	1012.69	1012.64	1012.61	1012.57	1012.54	1012.53	1012.54	1012.55	1012.54	1012.57	1012.59	1012.61	1012.58
	16	1012.61	1012.65	1012.71	1012.75	1012.77	1012.76	1012.77	1012.76	1012.75	1012.74	1012.75	1012.80	1012.73
	17	1012.84	1012.86	1012.92	1012.96	1012.99	1013.03	1013.07	1013.10	1013.11	1013.13	1013.16	1013.16	1013.02
	18	1013.18	1013.23	1013.25	1013.27	1013.34	1013.39	1013.45	1013.48	1013.51	1013.54	1013.59	1013.68	1013.41
	19	1013.74	1013.78	1013.82	1013.87	1013.94	1014.03	1014.11	1014.15	1014.18	1014.25	1014.35	1014.44	1014.05
	20	1014.52	1014.58	1014.61	1014.66	1014.70	1014.74	1014.79	1014.81	1014.83	1014.87	1014.94	1015.00	1014.75
	21	1015.02	1015.01	1014.99	1015.02	1015.07	1015.10	1015.11	1015.14	1015.20	1015.23	1015.25	1015.25	1015.11
	22	1015.28	1015.30	1015.31	1015.33	1015.36	1015.36	1015.34	1015.35	1015.34	1015.34	1015.36	1015.37	1015.33
	23	1015.40	1015.43	1015.46	1015.50	1015.49	1015.49	1015.52	1015.55	1015.59	1015.64	1015.63	1015.65	1015.53

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
13	0	1015.67	1015.68	1015.68	1015.67	1015.66	1015.63	1015.59	1015.55	1015.57	1015.60	1015.60	1015.60	1015.62
	1	1015.64	1015.67	1015.66	1015.66	1015.68	1015.70	1015.72	1015.71	1015.73	1015.77	1015.78	1015.76	1015.70
	2	1015.78	1015.82	1015.83	1015.85	1015.86	1015.86	1015.84	1015.81	1015.83	1015.84	1015.84	1015.84	1015.83
	3	1015.85	1015.87	1015.88	1015.87	1015.84	1015.86	1015.92	1015.94	1015.94	1015.95	1015.99	1016.03	1015.91
	4	1016.03	1016.05	1016.15	1016.27	1016.35	1016.36	1016.37	1016.39	1016.42	1016.42	1016.37	1016.31	1016.29
	5	1016.28	1016.27	1016.29	1016.33	1016.35	1016.37	1016.37	1016.34	1016.30	1016.28	1016.29	1016.33	1016.31
	6	1016.37	1016.41	1016.44	1016.48	1016.54	1016.56	1016.57	1016.59	1016.63	1016.65	1016.60	1016.53	1016.53
	7	1016.49	1016.47	1016.46	1016.43	1016.38	1016.34	1016.35	1016.35	1016.29	1016.25	1016.23	1016.16	1016.35
	8	1016.10	1016.08	1016.05	1016.01	1015.98	1015.93	1015.87	1015.81	1015.79	1015.81	1015.80	1015.79	1015.92
	9	1015.77	1015.71	1015.63	1015.60	1015.59	1015.52	1015.46	1015.44	1015.40	1015.40	1015.43	1015.46	1015.53
	10	1015.43	1015.36	1015.35	1015.33	1015.26	1015.23	1015.20	1015.15	1015.11	1015.08	1015.05	1014.99	1015.21
	11	1014.94	1014.90	1014.88	1014.90	1014.85	1014.81	1014.79	1014.72	1014.64	1014.59	1014.55	1014.49	1014.75
	12	1014.44	1014.39	1014.36	1014.35	1014.35	1014.29	1014.24	1014.21	1014.16	1014.09	1014.02	1014.02	1014.24
	13	1014.02	1014.00	1013.99	1013.97	1013.93	1013.89	1013.89	1013.89	1013.90	1013.89	1013.89	1013.87	1013.92
	14	1013.83	1013.80	1013.80	1013.78	1013.75	1013.73	1013.70	1013.68	1013.66	1013.63	1013.61	1013.58	1013.71
	15	1013.56	1013.54	1013.52	1013.52	1013.49	1013.46	1013.45	1013.44	1013.42	1013.39	1013.38	1013.38	1013.46
	16	1013.38	1013.36	1013.33	1013.34	1013.33	1013.31	1013.32	1013.34	1013.37	1013.40	1013.43	1013.46	1013.36
	17	1013.46	1013.47	1013.48	1013.49	1013.51	1013.53	1013.55	1013.59	1013.65	1013.67	1013.66	1013.66	1013.56
	18	1013.66	1013.67	1013.66	1013.65	1013.65	1013.66	1013.71	1013.77	1013.79	1013.78	1013.78	1013.82	1013.72
	19	1013.87	1013.94	1014.00	1014.03	1014.06	1014.11	1014.14	1014.18	1014.28	1014.39	1014.48	1014.53	1014.17
	20	1014.54	1014.55	1014.56	1014.58	1014.60	1014.60	1014.60	1014.60	1014.58	1014.63	1014.72	1014.77	1014.61
	21	1014.78	1014.84	1014.87	1014.86	1014.90	1014.99	1015.04	1015.04	1015.03	1015.01	1015.06	1015.13	1014.96
	22	1015.15	1015.17	1015.18	1015.19	1015.21	1015.21	1015.24	1015.31	1015.35	1015.33	1015.31	1015.33	1015.25
	23	1015.34	1015.34	1015.34	1015.36	1015.37	1015.35	1015.34	1015.32	1015.28	1015.27	1015.27	1015.28	1015.32
14	0	1015.21	1015.20	1015.18	1015.14	1015.10	1015.07	1015.08	1015.11	1015.09	1015.03	1015.01	1015.00	1015.10
	1	1014.96	1014.90	1014.84	1014.80	1014.76	1014.74	1014.75	1014.75	1014.73	1014.67	1014.60	1014.58	1014.75
	2	1014.60	1014.61	1014.57	1014.59	1014.62	1014.63	1014.65	1014.65	1014.66	1014.71	1014.73	1014.75	1014.64
	3	1014.80	1014.83	1014.84	1014.87	1014.89	1014.91	1014.94	1014.96	1014.96	1014.98	1015.02	1015.08	1014.92
	4	1015.13	1015.16	1015.16	1015.15	1015.14	1015.18	1015.22	1015.24	1015.24	1015.24	1015.24	1015.21	1015.19
	5	1015.15	1015.17	1015.23	1015.26	1015.27	1015.26	1015.23	1015.19	1015.22	1015.36	1015.49	1015.53	1015.28
	6	1015.55	1015.54	1015.52	1015.53	1015.58	1015.62	1015.61	1015.59	1015.58	1015.53	1015.47	1015.48	1015.55
	7	1015.54	1015.55	1015.50	1015.44	1015.42	1015.40	1015.41	1015.44	1015.43	1015.43	1015.40	1015.34	1015.44
	8	1015.30	1015.29	1015.32	1015.33	1015.32	1015.34	1015.36	1015.34	1015.31	1015.29	1015.30	1015.32	1015.32
	9	1015.33	1015.34	1015.32	1015.28	1015.27	1015.27	1015.27	1015.29	1015.29	1015.26	1015.23	1015.22	1015.28
	10	1015.20	1015.18	1015.16	1015.12	1015.08	1015.03	1014.98	1014.95	1014.91	1014.87	1014.83	1014.79	1015.01
	11	1014.80	1014.81	1014.80	1014.76	1014.71	1014.65	1014.62	1014.59	1014.53	1014.50	1014.47	1014.45	1014.64
	12	1014.44	1014.44	1014.42	1014.40	1014.41	1014.38	1014.35	1014.36	1014.35	1014.34	1014.34	1014.31	1014.38
	13	1014.30	1014.29	1014.27	1014.26	1014.26	1014.27	1014.27	1014.31	1014.33	1014.30	1014.32	1014.36	1014.29
	14	1014.37	1014.36	1014.36	1014.41	1014.44	1014.43	1014.40	1014.38	1014.39	1014.41	1014.45	1014.49	1014.41
	15	1014.52	1014.50	1014.46	1014.44	1014.38	1014.30	1014.28	1014.34	1014.38	1014.41	1014.43	1014.42	1014.40
	16	1014.43	1014.43	1014.45	1014.46	1014.46	1014.48	1014.50	1014.54	1014.59	1014.60	1014.61	1014.63	1014.51
	17	1014.65	1014.66	1014.67	1014.70	1014.74	1014.74	1014.74	1014.77	1014.81	1014.84	1014.86	1014.90	1014.75
	18	1014.92	1014.92	1014.91	1014.90	1014.92	1014.97	1015.02	1015.04	1015.06	1015.11	1015.14	1015.16	1015.00
	19	1015.18	1015.22	1015.29	1015.36	1015.40	1015.44	1015.49	1015.52	1015.55	1015.61	1015.70	1015.77	1015.46
	20	1015.84	1015.89	1015.93	1015.93	1015.92	1015.93	1015.94	1015.91	1015.89	1015.89	1015.88	1015.89	1015.90
	21	1015.89	1015.88	1015.87	1015.85	1015.87	1015.86	1015.84	1015.82	1015.82	1015.84	1015.84	1015.80	1015.85
	22	1015.78	1015.82	1015.86	1015.88	1015.90	1015.93	1015.96	1015.98	1015.98	1015.99	1016.00	1016.01	1015.92
	23	1016.03	1016.06	1016.07	1016.05	1016.02	1015.99	1015.96	1015.93	1015.94	1015.97	1015.99	1016.00	1016.00

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
15	0	1016.08	1016.10	1016.09	1016.04	1016.00	1016.01	1016.01	1015.98	1015.94	1015.90	1015.89	1015.88	1015.99
	1	1015.88	1015.87	1015.89	1015.86	1015.81	1015.82	1015.85	1015.85	1015.80	1015.78	1015.77	1015.79	1015.83
	2	1015.78	1015.73	1015.69	1015.65	1015.62	1015.60	1015.57	1015.56	1015.56	1015.56	1015.58	1015.63	1015.62
	3	1015.71	1015.78	1015.79	1015.79	1015.78	1015.76	1015.77	1015.81	1015.82	1015.80	1015.82	1015.84	1015.79
	4	1015.83	1015.80	1015.77	1015.78	1015.80	1015.81	1015.81	1015.79	1015.80	1015.83	1015.86	1015.89	1015.81
	5	1015.88	1015.91	1015.95	1015.95	1015.98	1016.02	1016.06	1016.08	1016.11	1016.13	1016.13	1016.15	1016.03
	6	1016.17	1016.19	1016.22	1016.24	1016.26	1016.27	1016.25	1016.25	1016.29	1016.32	1016.35	1016.38	1016.26
	7	1016.36	1016.32	1016.31	1016.31	1016.29	1016.27	1016.25	1016.25	1016.26	1016.28	1016.28	1016.26	1016.29
	8	1016.26	1016.27	1016.26	1016.25	1016.27	1016.28	1016.26	1016.23	1016.19	1016.18	1016.20	1016.21	1016.24
	9	1016.21	1016.21	1016.18	1016.15	1016.17	1016.20	1016.23	1016.22	1016.20	1016.22	1016.18	1016.14	1016.19
	10	1016.14	1016.13	1016.14	1016.11	1016.05	1016.04	1016.04	1016.00	1015.97	1015.98	1015.99	1015.99	1016.05
	11	1015.97	1015.97	1015.96	1015.96	1015.97	1015.97	1015.98	1015.96	1015.94	1015.92	1015.93	1015.93	1015.95
	12	1015.91	1015.88	1015.86	1015.87	1015.88	1015.89	1015.94	1016.00	1016.04	1016.07	1016.10	1016.10	1015.96
	13	1016.09	1016.09	1016.10	1016.12	1016.11	1016.09	1016.08	1016.05	1016.03	1016.03	1016.04	1016.05	1016.07
	14	1016.04	1016.01	1016.00	1015.99	1015.96	1015.93	1015.92	1015.93	1015.94	1015.91	1015.89	1015.87	1015.95
	15	1015.84	1015.81	1015.78	1015.75	1015.72	1015.68	1015.66	1015.63	1015.63	1015.67	1015.69	1015.71	1015.71
	16	1015.73	1015.72	1015.69	1015.66	1015.68	1015.71	1015.73	1015.72	1015.70	1015.72	1015.77	1015.79	1015.72
	17	1015.81	1015.81	1015.82	1015.88	1015.90	1015.92	1015.94	1015.95	1015.96	1015.96	1015.97	1015.99	1015.91
	18	1016.01	1016.03	1016.05	1016.07	1016.13	1016.19	1016.19	1016.20	1016.25	1016.29	1016.32	1016.34	1016.17
	19	1016.34	1016.37	1016.42	1016.47	1016.53	1016.58	1016.61	1016.64	1016.66	1016.68	1016.72	1016.75	1016.56
	20	1016.78	1016.81	1016.82	1016.86	1016.91	1016.94	1016.94	1016.93	1016.95	1016.98	1017.01	1017.03	1016.91
	21	1017.00	1016.98	1016.99	1017.02	1016.99	1016.93	1016.90	1016.89	1016.89	1016.88	1016.88	1016.84	1016.93
	22	1016.78	1016.74	1016.72	1016.69	1016.66	1016.64	1016.64	1016.65	1016.64	1016.68	1016.74	1016.78	1016.70
	23	1016.79	1016.79	1016.78	1016.76	1016.73	1016.72	1016.71	1016.69	1016.64	1016.60	1016.59	1016.61	1016.70
16	0	1016.62	1016.62	1016.59	1016.56	1016.55	1016.52	1016.48	1016.45	1016.44	1016.44	1016.47	1016.50	1016.51
	1	1016.52	1016.54	1016.54	1016.55	1016.55	1016.55	1016.56	1016.55	1016.55	1016.53	1016.51	1016.51	1016.54
	2	1016.49	1016.44	1016.39	1016.36	1016.35	1016.35	1016.38	1016.41	1016.43	1016.46	1016.47	1016.47	1016.41
	3	1016.46	1016.47	1016.50	1016.51	1016.52	1016.55	1016.59	1016.62	1016.66	1016.70	1016.73	1016.72	1016.58
	4	1016.73	1016.76	1016.77	1016.77	1016.79	1016.81	1016.83	1016.86	1016.88	1016.90	1016.94	1016.97	1016.83
	5	1017.01	1017.05	1017.09	1017.12	1017.16	1017.19	1017.20	1017.21	1017.21	1017.21	1017.21	1017.19	1017.15
	6	1017.18	1017.21	1017.21	1017.21	1017.20	1017.20	1017.21	1017.20	1017.19	1017.20	1017.22	1017.22	1017.20
	7	1017.19	1017.19	1017.19	1017.17	1017.16	1017.17	1017.17	1017.18	1017.17	1017.19	1017.23	1017.26	1017.19
	8	1017.27	1017.30	1017.30	1017.31	1017.33	1017.32	1017.33	1017.34	1017.33	1017.31	1017.30	1017.31	1017.31
	9	1017.32	1017.31	1017.27	1017.24	1017.23	1017.22	1017.19	1017.18	1017.19	1017.18	1017.18	1017.16	1017.22
	10	1017.13	1017.12	1017.09	1017.09	1017.09	1017.07	1017.07	1017.08	1017.10	1017.12	1017.12	1017.10	1017.10
	11	1017.06	1017.04	1017.05	1017.00	1016.95	1016.95	1016.96	1016.94	1016.91	1016.90	1016.88	1016.88	1016.96
	12	1016.88	1016.87	1016.85	1016.82	1016.78	1016.73	1016.71	1016.69	1016.63	1016.58	1016.54	1016.49	1016.71
	13	1016.43	1016.37	1016.35	1016.38	1016.38	1016.37	1016.36	1016.32	1016.30	1016.29	1016.29	1016.27	1016.34
	14	1016.23	1016.21	1016.17	1016.12	1016.10	1016.10	1016.10	1016.12	1016.16	1016.16	1016.15	1016.14	1016.14
	15	1016.11	1016.09	1016.08	1016.08	1016.05	1016.01	1015.96	1015.91	1015.89	1015.87	1015.87	1015.86	1015.98
	16	1015.85	1015.84	1015.81	1015.80	1015.80	1015.80	1015.81	1015.81	1015.80	1015.81	1015.85	1015.90	1015.82
	17	1015.93	1015.94	1015.96	1015.99	1016.02	1016.05	1016.04	1016.06	1016.09	1016.09	1016.09	1016.11	1016.03
	18	1016.12	1016.13	1016.13	1016.13	1016.15	1016.17	1016.18	1016.19	1016.19	1016.21	1016.23	1016.24	1016.17
	19	1016.27	1016.29	1016.31	1016.35	1016.41	1016.46	1016.52	1016.57	1016.59	1016.61	1016.64	1016.66	1016.47
	20	1016.69	1016.73	1016.78	1016.81	1016.81	1016.83	1016.85	1016.86	1016.87	1016.89	1016.89	1016.86	1016.82
	21	1016.85	1016.86	1016.86	1016.85	1016.88	1016.90	1016.88	1016.86	1016.84	1016.83	1016.85	1016.87	1016.86
	22	1016.90	1016.90	1016.90	1016.91	1016.92	1016.91	1016.89	1016.88	1016.87	1016.87	1016.86	1016.83	1016.88
	23	1016.81	1016.78	1016.75	1016.77	1016.79	1016.78	1016.74	1016.70	1016.67	1016.67	1016.67	1016.66	1016.73

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
17	0	1016.64	1016.64	1016.60	1016.56	1016.56	1016.56	1016.57	1016.55	1016.52	1016.51	1016.46	1016.42	1016.54
	1	1016.39	1016.35	1016.32	1016.28	1016.24	1016.23	1016.22	1016.21	1016.15	1016.10	1016.08	1016.07	1016.22
	2	1016.07	1016.08	1016.06	1016.05	1016.04	1016.03	1016.03	1016.03	1016.01	1015.99	1016.00	1015.99	1016.03
	3	1015.96	1015.94	1015.95	1015.95	1015.95	1015.93	1015.93	1015.95	1015.99	1016.03	1016.04	1016.04	1015.97
	4	1016.07	1016.10	1016.12	1016.14	1016.16	1016.18	1016.19	1016.20	1016.23	1016.26	1016.29	1016.31	1016.19
	5	1016.34	1016.37	1016.37	1016.36	1016.35	1016.35	1016.35	1016.34	1016.32	1016.29	1016.28	1016.28	1016.33
	6	1016.29	1016.27	1016.26	1016.26	1016.25	1016.27	1016.31	1016.33	1016.33	1016.32	1016.31	1016.32	1016.29
	7	1016.34	1016.37	1016.37	1016.34	1016.31	1016.29	1016.30	1016.31	1016.32	1016.30	1016.24	1016.18	1016.30
	8	1016.13	1016.07	1016.04	1016.01	1015.99	1015.98	1015.96	1015.94	1015.92	1015.91	1015.90	1015.90	1015.98
	9	1015.89	1015.88	1015.85	1015.79	1015.77	1015.76	1015.76	1015.75	1015.70	1015.65	1015.64	1015.64	1015.76
	10	1015.65	1015.63	1015.61	1015.60	1015.57	1015.55	1015.54	1015.52	1015.50	1015.47	1015.45	1015.45	1015.54
	11	1015.43	1015.42	1015.44	1015.45	1015.45	1015.41	1015.37	1015.33	1015.28	1015.26	1015.25	1015.23	1015.36
	12	1015.23	1015.24	1015.21	1015.15	1015.13	1015.13	1015.11	1015.08	1015.05	1015.04	1015.03	1015.00	1015.11
	13	1014.97	1014.97	1014.96	1014.94	1014.91	1014.86	1014.83	1014.81	1014.81	1014.81	1014.82	1014.83	1014.87
	14	1014.83	1014.81	1014.79	1014.81	1014.80	1014.74	1014.68	1014.64	1014.59	1014.55	1014.53	1014.53	1014.69
	15	1014.53	1014.54	1014.55	1014.52	1014.52	1014.54	1014.54	1014.52	1014.49	1014.46	1014.40	1014.33	1014.49
	16	1014.27	1014.25	1014.21	1014.14	1014.16	1014.22	1014.25	1014.30	1014.37	1014.41	1014.44	1014.45	1014.29
	17	1014.44	1014.45	1014.49	1014.53	1014.55	1014.60	1014.63	1014.61	1014.61	1014.66	1014.69	1014.69	1014.58
	18	1014.68	1014.70	1014.71	1014.70	1014.69	1014.70	1014.69	1014.67	1014.66	1014.65	1014.67	1014.68	1014.68
	19	1014.69	1014.73	1014.76	1014.78	1014.83	1014.87	1014.87	1014.92	1015.00	1015.05	1015.08	1015.09	1014.89
	20	1015.13	1015.14	1015.10	1015.10	1015.11	1015.09	1015.05	1015.01	1015.04	1015.10	1015.10	1015.10	1015.09
	21	1015.10	1015.10	1015.10	1015.12	1015.12	1015.11	1015.11	1015.12	1015.14	1015.11	1015.06	1015.05	1015.10
	22	1015.06	1015.03	1015.02	1015.05	1015.04	1015.03	1015.03	1015.01	1014.96	1014.93	1014.92	1014.91	1015.00
	23	1014.89	1014.85	1014.83	1014.80	1014.79	1014.78	1014.78	1014.79	1014.79	1014.78	1014.81	1014.83	1014.81
18	0	1014.77	1014.77	1014.77	1014.76	1014.78	1014.83	1014.85	1014.81	1014.78	1014.76	1014.73	1014.70	1014.77
	1	1014.71	1014.68	1014.64	1014.61	1014.57	1014.53	1014.50	1014.47	1014.44	1014.40	1014.38	1014.38	1014.52
	2	1014.39	1014.38	1014.35	1014.30	1014.28	1014.31	1014.35	1014.37	1014.38	1014.38	1014.39	1014.41	1014.35
	3	1014.42	1014.46	1014.51	1014.54	1014.56	1014.59	1014.59	1014.57	1014.58	1014.58	1014.54	1014.52	1014.54
	4	1014.53	1014.52	1014.52	1014.51	1014.49	1014.48	1014.46	1014.43	1014.39	1014.38	1014.39	1014.40	1014.46
	5	1014.40	1014.39	1014.39	1014.41	1014.39	1014.37	1014.36	1014.35	1014.34	1014.35	1014.35	1014.35	1014.37
	6	1014.35	1014.36	1014.36	1014.38	1014.45	1014.49	1014.53	1014.58	1014.58	1014.58	1014.59	1014.57	1014.48
	7	1014.57	1014.59	1014.60	1014.61	1014.60	1014.58	1014.59	1014.63	1014.66	1014.65	1014.64	1014.66	1014.61
	8	1014.69	1014.71	1014.72	1014.70	1014.68	1014.65	1014.58	1014.52	1014.52	1014.53	1014.53	1014.51	1014.61
	9	1014.50	1014.52	1014.56	1014.55	1014.53	1014.53	1014.51	1014.48	1014.51	1014.55	1014.54	1014.54	1014.52
	10	1014.50	1014.46	1014.46	1014.46	1014.43	1014.43	1014.42	1014.36	1014.30	1014.27	1014.24	1014.17	1014.37
	11	1014.15	1014.16	1014.16	1014.16	1014.16	1014.16	1014.16	1014.16	1014.13	1014.12	1014.10	1014.08	1014.14
	12	1014.08	1014.09	1014.09	1014.06	1014.05	1014.10	1014.13	1014.15	1014.18	1014.23	1014.29	1014.38	1014.15
	13	1014.44	1014.48	1014.52	1014.51	1014.49	1014.52	1014.55	1014.56	1014.51	1014.45	1014.44	1014.44	1014.49
	14	1014.45	1014.49	1014.51	1014.51	1014.55	1014.56	1014.54	1014.55	1014.52	1014.46	1014.39	1014.33	1014.48
	15	1014.31	1014.29	1014.29	1014.30	1014.26	1014.14	1014.01	1013.90	1013.93	1014.01	1014.04	1014.07	1014.13
	16	1014.10	1014.13	1014.19	1014.29	1014.36	1014.37	1014.38	1014.40	1014.42	1014.44	1014.45	1014.44	1014.33
	17	1014.43	1014.48	1014.52	1014.53	1014.53	1014.57	1014.62	1014.62	1014.64	1014.64	1014.59	1014.54	1014.56
	18	1014.53	1014.56	1014.56	1014.52	1014.52	1014.52	1014.49	1014.48	1014.47	1014.48	1014.49	1014.49	1014.51
	19	1014.50	1014.55	1014.57	1014.57	1014.63	1014.68	1014.72	1014.82	1014.88	1014.90	1014.92	1014.96	1014.72
	20	1014.98	1014.95	1014.91	1014.85	1014.83	1014.83	1014.83	1014.87	1014.93	1014.94	1014.90	1014.87	1014.89
	21	1014.82	1014.77	1014.79	1014.79	1014.77	1014.75	1014.72	1014.71	1014.69	1014.68	1014.69	1014.72	1014.74
	22	1014.72	1014.68	1014.69	1014.70	1014.72	1014.78	1014.81	1014.81	1014.78	1014.75	1014.73	1014.74	1014.74
	23	1014.77	1014.81	1014.87	1014.86	1014.83	1014.83	1014.81	1014.80	1014.79	1014.75	1014.74	1014.73	1014.80

S.V.I.R.CO. Observatory - Pressure in hectoPascal – June 2013

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
19	0	1014.73	1014.72	1014.69	1014.68	1014.66	1014.64	1014.64	1014.63	1014.64	1014.64	1014.64	1014.62	1014.66
	1	1014.60	1014.61	1014.62	1014.61	1014.64	1014.66	1014.65	1014.66	1014.70	1014.72	1014.71	1014.69	1014.65
	2	1014.67	1014.62	1014.59	1014.60	1014.59	1014.60	1014.59	1014.57	1014.57	1014.55	1014.49	1014.46	1014.57
	3	1014.49	1014.52	1014.54	1014.53	1014.54	1014.55	1014.57	1014.59	1014.60	1014.62	1014.62	1014.63	1014.56
	4	1014.66	1014.69	1014.73	1014.76	1014.77	1014.78	1014.82	1014.86	1014.91	1014.94	1014.95	1014.97	1014.82
	5	1015.01	1015.06	1015.10	1015.10	1015.11	1015.09	1015.07	1015.07	1015.09	1015.15	1015.19	1015.21	1015.10
	6	1015.23	1015.25	1015.26	1015.28	1015.30	1015.32	1015.33	1015.36	1015.39	1015.41	1015.44	1015.42	1015.33
	7	1015.38	1015.34	1015.32	1015.33	1015.36	1015.37	1015.38	1015.41	1015.44	1015.44	1015.42	1015.40	1015.38
	8	1015.41	1015.41	1015.40	1015.42	1015.46	1015.48	1015.47	1015.46	1015.47	1015.48	1015.48	1015.47	1015.45
	9	1015.48	1015.48	1015.48	1015.48	1015.46	1015.45	1015.41	1015.37	1015.37	1015.37	1015.35	1015.33	1015.42
	10	1015.31	1015.28	1015.24	1015.20	1015.15	1015.11	1015.11	1015.10	1015.05	1015.02	1014.99	1014.95	1015.12
	11	1014.91	1014.86	1014.82	1014.80	1014.80	1014.80	1014.77	1014.75	1014.73	1014.72	1014.68	1014.64	1014.77
	12	1014.63	1014.60	1014.57	1014.55	1014.53	1014.49	1014.47	1014.47	1014.51	1014.56	1014.56	1014.56	1014.54
	13	1014.53	1014.46	1014.40	1014.35	1014.34	1014.37	1014.38	1014.37	1014.36	1014.36	1014.36	1014.35	1014.38
	14	1014.34	1014.31	1014.26	1014.26	1014.29	1014.27	1014.27	1014.28	1014.31	1014.34	1014.34	1014.33	1014.30
	15	1014.35	1014.35	1014.30	1014.26	1014.23	1014.17	1014.13	1014.12	1014.10	1014.05	1013.99	1013.93	1014.16
	16	1013.91	1013.93	1013.95	1013.94	1013.96	1013.97	1013.96	1013.96	1013.99	1014.06	1014.10	1014.11	1013.98
	17	1014.13	1014.14	1014.14	1014.15	1014.17	1014.23	1014.30	1014.33	1014.35	1014.43	1014.51	1014.55	1014.28
	18	1014.53	1014.50	1014.48	1014.47	1014.47	1014.47	1014.46	1014.46	1014.48	1014.51	1014.50	1014.48	1014.48
	19	1014.45	1014.45	1014.54	1014.60	1014.58	1014.60	1014.64	1014.64	1014.64	1014.69	1014.72	1014.75	1014.61
	20	1014.78	1014.80	1014.81	1014.83	1014.83	1014.83	1014.83	1014.82	1014.82	1014.84	1014.83	1014.85	1014.82
	21	1014.91	1014.95	1014.95	1014.90	1014.83	1014.80	1014.79	1014.73	1014.66	1014.69	1014.72	1014.72	1014.80
	22	1014.72	1014.71	1014.71	1014.68	1014.64	1014.62	1014.60	1014.61	1014.63	1014.60	1014.58	1014.59	1014.64
	23	1014.59	1014.57	1014.58	1014.60	1014.63	1014.63	1014.61	1014.60	1014.56	1014.53	1014.53	1014.52	1014.58
20	0	1014.52	1014.47	1014.39	1014.34	1014.31	1014.27	1014.24	1014.26	1014.29	1014.29	1014.24	1014.20	1014.31
	1	1014.21	1014.25	1014.26	1014.24	1014.23	1014.24	1014.21	1014.18	1014.17	1014.17	1014.17	1014.14	1014.20
	2	1014.09	1014.06	1014.06	1014.08	1014.12	1014.16	1014.20	1014.26	1014.33	1014.40	1014.45	1014.48	1014.22
	3	1014.50	1014.51	1014.53	1014.57	1014.61	1014.64	1014.64	1014.63	1014.62	1014.62	1014.67	1014.72	1014.60
	4	1014.76	1014.79	1014.80	1014.80	1014.79	1014.80	1014.79	1014.80	1014.85	1014.85	1014.81	1014.81	1014.80
	5	1014.83	1014.83	1014.82	1014.81	1014.78	1014.78	1014.80	1014.83	1014.87	1014.91	1014.92	1014.91	1014.84
	6	1014.91	1014.91	1014.92	1014.95	1014.96	1014.97	1014.99	1015.03	1015.08	1015.12	1015.14	1015.17	1015.01
	7	1015.18	1015.18	1015.14	1015.09	1015.06	1015.05	1015.06	1015.04	1015.00	1014.98	1014.96	1014.94	1015.05
	8	1014.94	1014.94	1014.94	1014.95	1014.98	1014.99	1014.98	1014.95	1014.93	1014.96	1014.99	1014.99	1014.96
	9	1015.01	1015.03	1015.05	1015.06	1015.05	1015.05	1015.08	1015.12	1015.13	1015.10	1015.09	1015.10	1015.07
	10	1015.07	1015.04	1015.05	1015.07	1015.08	1015.11	1015.11	1015.09	1015.09	1015.11	1015.14	1015.15	1015.09
	11	1015.14	1015.12	1015.09	1015.05	1015.05	1015.04	1014.99	1014.97	1014.92	1014.89	1014.89	1014.85	1015.00
	12	1014.82	1014.82	1014.81	1014.78	1014.76	1014.75	1014.79	1014.76	1014.71	1014.72	1014.72	1014.70	1014.76
	13	1014.70	1014.70	1014.71	1014.73	1014.73	1014.74	1014.79	1014.81	1014.80	1014.80	1014.81	1014.80	1014.76
	14	1014.80	1014.83	1014.84	1014.83	1014.86	1014.87	1014.88	1014.88	1014.88	1014.83	1014.78	1014.75	1014.83
	15	1014.73	1014.71	1014.69	1014.63	1014.56	1014.50	1014.44	1014.41	1014.43	1014.43	1014.39	1014.36	1014.52
	16	1014.36	1014.36	1014.34	1014.35	1014.35	1014.32	1014.31	1014.32	1014.36	1014.44	1014.50	1014.53	1014.38
	17	1014.53	1014.57	1014.63	1014.67	1014.67	1014.68	1014.70	1014.70	1014.72	1014.75	1014.78	1014.80	1014.68
	18	1014.82	1014.81	1014.76	1014.73	1014.73	1014.73	1014.72	1014.77	1014.83	1014.87	1014.90	1014.89	1014.79
	19	1014.88	1014.92	1014.97	1015.01	1015.04	1015.07	1015.11	1015.14	1015.17	1015.19	1015.24	1015.30	1015.08
	20	1015.32	1015.33	1015.37	1015.43	1015.43	1015.40	1015.40	1015.41	1015.42	1015.44	1015.42	1015.41	1015.40
	21	1015.44	1015.46	1015.44	1015.44	1015.49	1015.53	1015.56	1015.58	1015.57	1015.58	1015.58	1015.56	1015.52
	22	1015.54	1015.53	1015.54	1015.55	1015.51	1015.46	1015.46	1015.46	1015.45	1015.44	1015.43	1015.37	1015.48
	23	1015.35	1015.44	1015.47	1015.45	1015.43	1015.43	1015.42	1015.41	1015.43	1015.52	1015.51	1015.44	1015.44

S.V.I.R.CO. Observatory - Pressure in hectoPascal – June 2013

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
21	0	1015.43	1015.45	1015.47	1015.46	1015.43	1015.37	1015.30	1015.22	1015.15	1015.11	1015.13	1015.17	1015.30
	1	1015.18	1015.21	1015.23	1015.18	1015.14	1015.11	1015.10	1015.07	1015.03	1015.00	1014.93	1014.85	1015.08
	2	1014.81	1014.78	1014.76	1014.76	1014.73	1014.71	1014.73	1014.72	1014.69	1014.66	1014.67	1014.72	1014.72
	3	1014.78	1014.81	1014.81	1014.80	1014.83	1014.82	1014.76	1014.73	1014.73	1014.72	1014.67	1014.63	1014.75
	4	1014.61	1014.59	1014.57	1014.58	1014.62	1014.63	1014.64	1014.64	1014.64	1014.65	1014.67	1014.71	1014.63
	5	1014.75	1014.76	1014.75	1014.77	1014.80	1014.80	1014.80	1014.82	1014.87	1014.91	1014.92	1014.93	1014.82
	6	1014.91	1014.89	1014.87	1014.86	1014.86	1014.82	1014.80	1014.82	1014.85	1014.84	1014.82	1014.81	1014.84
	7	1014.78	1014.75	1014.75	1014.77	1014.81	1014.81	1014.79	1014.78	1014.76	1014.74	1014.73	1014.74	1014.76
	8	1014.75	1014.76	1014.75	1014.73	1014.72	1014.70	1014.71	1014.73	1014.72	1014.70	1014.70	1014.70	1014.72
	9	1014.66	1014.61	1014.63	1014.67	1014.68	1014.69	1014.69	1014.71	1014.74	1014.74	1014.76	1014.79	1014.70
	10	1014.79	1014.79	1014.80	1014.83	1014.87	1014.85	1014.86	1014.90	1014.92	1014.92	1014.94	1014.95	1014.87
	11	1014.93	1014.91	1014.93	1014.95	1014.97	1015.00	1014.99	1014.95	1014.94	1014.96	1014.92	1014.88	1014.94
	12	1014.88	1014.86	1014.82	1014.85	1014.91	1014.92	1014.94	1014.94	1014.92	1014.91	1014.90	1014.89	1014.89
	13	1014.91	1014.91	1014.87	1014.79	1014.75	1014.73	1014.69	1014.68	1014.70	1014.74	1014.74	1014.73	1014.77
	14	1014.70	1014.71	1014.74	1014.73	1014.75	1014.76	1014.74	1014.70	1014.71	1014.76	1014.77	1014.79	1014.74
	15	1014.80	1014.78	1014.77	1014.77	1014.74	1014.72	1014.72	1014.71	1014.70	1014.64	1014.58	1014.56	1014.70
	16	1014.55	1014.57	1014.59	1014.60	1014.61	1014.64	1014.68	1014.73	1014.74	1014.74	1014.72	1014.71	1014.65
	17	1014.74	1014.74	1014.71	1014.72	1014.73	1014.71	1014.72	1014.76	1014.81	1014.86	1014.93	1015.01	1014.78
	18	1015.06	1015.08	1015.09	1015.11	1015.12	1015.10	1015.07	1015.08	1015.09	1015.08	1015.07	1015.07	1015.08
	19	1015.08	1015.11	1015.15	1015.17	1015.19	1015.22	1015.27	1015.34	1015.44	1015.48	1015.49	1015.51	1015.29
	20	1015.54	1015.58	1015.61	1015.62	1015.62	1015.63	1015.68	1015.72	1015.74	1015.77	1015.81	1015.84	1015.68
	21	1015.87	1015.89	1015.91	1015.94	1015.95	1015.97	1015.99	1016.00	1016.00	1016.00	1015.99	1015.96	1015.95
	22	1015.96	1015.95	1015.94	1015.91	1015.84	1015.78	1015.74	1015.77	1015.81	1015.80	1015.78	1015.71	1015.83
	23	1015.68	1015.67	1015.64	1015.63	1015.60	1015.59	1015.59	1015.59	1015.61	1015.61	1015.59	1015.53	1015.61
22	0	1015.50	1015.52	1015.50	1015.45	1015.42	1015.38	1015.33	1015.29	1015.25	1015.19	1015.16	1015.16	1015.34
	1	1015.14	1015.11	1015.07	1015.07	1015.10	1015.08	1015.02	1014.96	1014.96	1014.98	1014.94	1014.89	1015.02
	2	1014.86	1014.79	1014.72	1014.71	1014.75	1014.82	1014.87	1014.83	1014.78	1014.78	1014.77	1014.71	1014.78
	3	1014.65	1014.62	1014.61	1014.61	1014.58	1014.58	1014.62	1014.69	1014.74	1014.76	1014.83	1014.86	1014.68
	4	1014.88	1014.96	1015.00	1015.09	1015.25	1015.33	1015.36	1015.42	1015.43	1015.35	1015.32	1015.33	1015.22
	5	1015.26	1015.23	1015.30	1015.33	1015.37	1015.46	1015.54	1015.59	1015.67	1015.71	1015.73	1015.77	1015.49
	6	1015.79	1015.87	1015.97	1016.03	1016.02	1016.04	1016.10	1016.18	1016.24	1016.21	1016.17	1016.16	1016.06
	7	1016.23	1016.29	1016.32	1016.38	1016.47	1016.54	1016.56	1016.54	1016.57	1016.61	1016.59	1016.56	1016.47
	8	1016.55	1016.54	1016.54	1016.52	1016.45	1016.43	1016.39	1016.29	1016.21	1016.23	1016.25	1016.23	1016.38
	9	1016.20	1016.15	1016.11	1016.09	1016.06	1016.04	1016.05	1016.08	1016.06	1016.01	1015.95	1015.92	1016.06
	10	1015.91	1015.87	1015.76	1015.68	1015.68	1015.63	1015.57	1015.56	1015.57	1015.62	1015.68	1015.77	1015.69
	11	1015.89	1015.94	1015.94	1015.94	1016.02	1016.15	1016.21	1016.22	1016.24	1016.26	1016.17	1016.11	1016.09
	12	1016.14	1016.09	1015.96	1015.81	1015.75	1015.83	1015.89	1015.88	1015.87	1015.86	1015.90	1016.02	1015.91
	13	1016.14	1016.20	1016.19	1016.15	1016.11	1016.04	1015.93	1015.77	1015.61	1015.56	1015.49	1015.36	1015.88
	14	1015.30	1015.30	1015.29	1015.26	1015.14	1015.01	1014.90	1014.87	1014.93	1014.96	1014.95	1014.93	1015.07
	15	1014.96	1014.99	1014.95	1014.92	1014.88	1014.85	1014.84	1014.81	1014.80	1014.77	1014.74	1014.75	1014.85
	16	1014.79	1014.77	1014.83	1014.88	1014.79	1014.76	1014.77	1014.82	1014.86	1014.84	1014.86	1014.92	1014.82
	17	1015.06	1015.17	1015.06	1014.95	1014.96	1015.01	1015.03	1015.07	1015.12	1015.18	1015.23	1015.22	1015.09
	18	1015.19	1015.17	1015.16	1015.11	1015.11	1015.19	1015.27	1015.28	1015.22	1015.22	1015.21	1015.19	1015.19
	19	1015.25	1015.32	1015.35	1015.41	1015.44	1015.46	1015.49	1015.53	1015.59	1015.65	1015.67	1015.61	1015.48
	20	1015.63	1015.70	1015.69	1015.73	1015.78	1015.82	1015.85	1015.85	1015.84	1015.82	1015.76	1015.73	1015.77
	21	1015.75	1015.71	1015.71	1015.80	1015.87	1015.93	1016.01	1016.07	1016.05	1016.01	1015.97	1015.94	1015.90
	22	1015.94	1015.95	1016.01	1016.05	1016.04	1016.03	1015.98	1015.93	1015.90	1015.89	1015.89	1015.90	1015.96
	23	1015.88	1015.86	1015.85	1015.80	1015.76	1015.73	1015.72	1015.66	1015.56	1015.48	1015.43	1015.40	1015.68

S.V.I.R.CO. Observatory - Pressure in hectoPascal – June 2013

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
23	0	1015.40	1015.34	1015.26	1015.27	1015.32	1015.33	1015.29	1015.26	1015.25	1015.25	1015.29	1015.34	1015.29
	1	1015.34	1015.31	1015.25	1015.14	1015.03	1014.96	1014.87	1014.81	1014.80	1014.77	1014.74	1014.73	1014.98
	2	1014.74	1014.76	1014.79	1014.80	1014.77	1014.73	1014.71	1014.69	1014.64	1014.57	1014.50	1014.46	1014.68
	3	1014.45	1014.43	1014.45	1014.51	1014.57	1014.65	1014.68	1014.62	1014.58	1014.56	1014.53	1014.51	1014.54
	4	1014.52	1014.50	1014.48	1014.51	1014.58	1014.64	1014.65	1014.65	1014.63	1014.67	1014.79	1014.87	1014.62
	5	1014.81	1014.74	1014.74	1014.77	1014.81	1014.85	1014.84	1014.84	1014.85	1014.88	1014.91	1014.90	1014.83
	6	1014.91	1014.93	1014.94	1014.95	1014.97	1014.94	1014.92	1014.89	1014.83	1014.81	1014.85	1014.86	1014.90
	7	1014.82	1014.79	1014.78	1014.76	1014.75	1014.74	1014.72	1014.69	1014.64	1014.61	1014.58	1014.57	1014.70
	8	1014.55	1014.51	1014.50	1014.48	1014.44	1014.39	1014.38	1014.40	1014.36	1014.32	1014.33	1014.33	1014.41
	9	1014.32	1014.34	1014.35	1014.33	1014.32	1014.31	1014.29	1014.28	1014.25	1014.23	1014.21	1014.17	1014.28
	10	1014.16	1014.15	1014.10	1014.07	1014.04	1013.99	1013.92	1013.87	1013.85	1013.83	1013.82	1013.80	1013.96
	11	1013.76	1013.71	1013.68	1013.62	1013.55	1013.52	1013.54	1013.59	1013.61	1013.60	1013.58	1013.60	1013.61
	12	1013.61	1013.61	1013.63	1013.63	1013.64	1013.66	1013.67	1013.67	1013.60	1013.53	1013.49	1013.43	1013.60
	13	1013.42	1013.36	1013.27	1013.22	1013.19	1013.19	1013.18	1013.15	1013.14	1013.17	1013.19	1013.22	1013.22
	14	1013.24	1013.18	1013.13	1013.17	1013.17	1013.15	1013.13	1013.13	1013.14	1013.11	1013.11	1013.15	1013.15
	15	1013.13	1013.09	1013.10	1013.11	1013.08	1013.05	1013.04	1013.04	1013.02	1013.02	1013.07	1013.12	1013.07
	16	1013.12	1013.09	1013.06	1013.03	1013.03	1013.05	1013.06	1013.05	1013.06	1013.06	1013.05	1013.04	1013.06
	17	1013.04	1013.01	1013.01	1013.04	1013.04	1013.02	1013.00	1012.98	1012.97	1012.96	1012.95	1012.94	1012.99
	18	1012.96	1012.97	1012.94	1012.92	1012.94	1012.95	1012.99	1013.03	1013.06	1013.08	1013.10	1013.11	1013.00
	19	1013.11	1013.15	1013.21	1013.26	1013.30	1013.34	1013.34	1013.33	1013.35	1013.35	1013.38	1013.41	1013.29
	20	1013.38	1013.36	1013.36	1013.38	1013.39	1013.36	1013.35	1013.36	1013.36	1013.36	1013.36	1013.35	1013.36
	21	1013.34	1013.31	1013.25	1013.21	1013.19	1013.18	1013.20	1013.21	1013.23	1013.22	1013.19	1013.17	1013.22
	22	1013.17	1013.16	1013.15	1013.15	1013.10	1013.02	1012.91	1012.81	1012.75	1012.71	1012.66	1012.61	1012.93
	23	1012.56	1012.53	1012.54	1012.54	1012.53	1012.52	1012.47	1012.40	1012.34	1012.31	1012.34	1012.36	1012.45
24	0	1012.32	1012.31	1012.29	1012.30	1012.31	1012.28	1012.23	1012.21	1012.17	1012.07	1012.01	1011.96	1012.20
	1	1011.92	1011.88	1011.80	1011.81	1011.82	1011.66	1011.54	1011.51	1011.45	1011.39	1011.39	1011.45	1011.63
	2	1011.51	1011.45	1011.40	1011.44	1011.47	1011.44	1011.39	1011.32	1011.31	1011.38	1011.42	1011.41	1011.41
	3	1011.44	1011.47	1011.41	1011.34	1011.33	1011.34	1011.35	1011.31	1011.29	1011.28	1011.23	1011.22	1011.33
	4	1011.24	1011.29	1011.25	1011.13	1011.00	1010.92	1010.96	1011.00	1010.99	1011.03	1011.08	1011.07	1011.08
	5	1011.05	1011.02	1010.97	1010.98	1011.04	1011.08	1011.10	1011.14	1011.19	1011.24	1011.23	1011.16	1011.10
	6	1011.08	1011.09	1011.12	1011.11	1011.09	1011.08	1011.08	1011.02	1010.95	1010.95	1010.93	1010.90	1011.03
	7	1010.90	1010.96	1010.97	1010.91	1010.93	1011.00	1011.04	1011.04	1011.09	1011.09	1011.06	1011.04	1011.00
	8	1011.01	1011.01	1011.03	1011.08	1011.10	1011.09	1011.11	1011.06	1011.05	1011.08	1011.03	1011.02	1011.05
	9	1011.06	1011.08	1011.11	1011.12	1011.11	1011.09	1011.07	1011.04	1011.03	1011.07	1011.07	1011.05	1011.07
	10	1011.05	1011.05	1011.05	1011.04	1011.10	1011.14	1011.08	1011.06	1011.13	1011.19	1011.19	1011.17	1011.10
	11	1011.17	1011.17	1011.16	1011.18	1011.23	1011.27	1011.31	1011.37	1011.37	1011.35	1011.25	1011.16	1011.25
	12	1011.12	1011.02	1010.96	1010.90	1010.82	1010.76	1010.70	1010.69	1010.66	1010.64	1010.66	1010.65	1010.80
	13	1010.64	1010.66	1010.66	1010.59	1010.62	1010.77	1010.85	1010.90	1010.98	1011.00	1011.03	1011.10	1010.82
	14	1011.11	1011.12	1011.10	1011.05	1011.06	1011.08	1011.06	1011.06	1011.09	1011.12	1011.11	1011.12	1011.09
	15	1011.13	1011.11	1011.06	1011.02	1010.99	1010.94	1010.89	1010.88	1010.88	1010.95	1011.00	1010.99	1010.98
	16	1010.96	1010.95	1010.94	1010.96	1011.01	1011.05	1011.03	1011.04	1011.08	1011.16	1011.25	1011.27	1011.06
	17	1011.30	1011.35	1011.34	1011.31	1011.32	1011.35	1011.38	1011.43	1011.51	1011.57	1011.56	1011.55	1011.41
	18	1011.54	1011.54	1011.55	1011.54	1011.52	1011.51	1011.53	1011.55	1011.57	1011.60	1011.66	1011.70	1011.56
	19	1011.73	1011.81	1011.89	1011.94	1011.95	1011.93	1012.00	1012.12	1012.23	1012.33	1012.31	1012.21	1012.04
	20	1012.16	1012.22	1012.33	1012.37	1012.42	1012.52	1012.60	1012.64	1012.62	1012.60	1012.64	1012.67	1012.48
	21	1012.66	1012.67	1012.68	1012.71	1012.73	1012.70	1012.69	1012.70	1012.74	1012.78	1012.82	1012.88	1012.73
	22	1012.95	1013.03	1013.12	1013.17	1013.20	1013.20	1013.17	1013.19	1013.20	1013.17	1013.14	1013.11	1013.13
	23	1013.07	1013.03	1013.04	1013.05	1013.03	1013.07	1013.15	1013.17	1013.13	1013.11	1013.13	1013.08	1013.09

S.V.I.R.CO. Observatory - Pressure in hectoPascal – June 2013

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
25	0	1012.97	1012.98	1012.99	1012.99	1013.05	1013.12	1013.15	1013.21	1013.25	1013.22	1013.17	1013.17	1013.11
	1	1013.24	1013.34	1013.35	1013.30	1013.31	1013.38	1013.46	1013.49	1013.51	1013.49	1013.43	1013.39	1013.39
	2	1013.37	1013.40	1013.44	1013.42	1013.37	1013.35	1013.43	1013.54	1013.58	1013.62	1013.64	1013.64	1013.48
	3	1013.66	1013.67	1013.68	1013.68	1013.69	1013.70	1013.76	1013.82	1013.82	1013.80	1013.79	1013.79	1013.74
	4	1013.82	1013.83	1013.82	1013.82	1013.85	1013.90	1013.95	1013.96	1013.94	1013.93	1013.95	1014.00	1013.90
	5	1014.04	1014.09	1014.11	1014.14	1014.23	1014.30	1014.35	1014.36	1014.33	1014.33	1014.35	1014.38	1014.25
	6	1014.39	1014.37	1014.37	1014.44	1014.48	1014.50	1014.53	1014.57	1014.59	1014.59	1014.61	1014.63	1014.50
	7	1014.63	1014.62	1014.60	1014.60	1014.59	1014.59	1014.60	1014.58	1014.55	1014.55	1014.53	1014.52	1014.58
	8	1014.54	1014.55	1014.55	1014.54	1014.53	1014.52	1014.51	1014.51	1014.53	1014.50	1014.49	1014.50	1014.52
	9	1014.47	1014.41	1014.39	1014.42	1014.40	1014.37	1014.38	1014.37	1014.33	1014.31	1014.33	1014.35	1014.38
	10	1014.37	1014.38	1014.38	1014.38	1014.35	1014.31	1014.27	1014.25	1014.26	1014.29	1014.29	1014.21	1014.31
	11	1014.16	1014.13	1014.16	1014.17	1014.16	1014.18	1014.13	1014.13	1014.14	1014.14	1014.19	1014.21	1014.15
	12	1014.16	1014.14	1014.16	1014.20	1014.23	1014.19	1014.20	1014.23	1014.25	1014.28	1014.30	1014.32	1014.22
	13	1014.34	1014.31	1014.30	1014.28	1014.26	1014.29	1014.25	1014.23	1014.24	1014.24	1014.30	1014.34	1014.28
	14	1014.32	1014.30	1014.28	1014.28	1014.31	1014.31	1014.26	1014.24	1014.24	1014.22	1014.24	1014.26	1014.27
	15	1014.24	1014.22	1014.18	1014.15	1014.16	1014.17	1014.14	1014.10	1014.08	1014.08	1014.09	1014.08	1014.14
	16	1014.07	1014.06	1014.04	1014.06	1014.07	1014.07	1014.06	1014.07	1014.10	1014.12	1014.12	1014.11	1014.08
	17	1014.11	1014.12	1014.13	1014.15	1014.19	1014.21	1014.21	1014.20	1014.18	1014.16	1014.14	1014.15	1014.16
	18	1014.19	1014.23	1014.27	1014.29	1014.33	1014.38	1014.41	1014.43	1014.46	1014.51	1014.57	1014.63	1014.39
	19	1014.69	1014.76	1014.83	1014.86	1014.88	1014.94	1015.04	1015.15	1015.24	1015.31	1015.40	1015.48	1015.05
	20	1015.51	1015.51	1015.50	1015.50	1015.51	1015.53	1015.55	1015.59	1015.63	1015.64	1015.66	1015.70	1015.57
	21	1015.71	1015.69	1015.70	1015.74	1015.76	1015.78	1015.80	1015.83	1015.84	1015.84	1015.85	1015.86	1015.78
	22	1015.84	1015.81	1015.77	1015.78	1015.81	1015.84	1015.83	1015.76	1015.72	1015.69	1015.64	1015.63	1015.76
	23	1015.64	1015.63	1015.60	1015.59	1015.57	1015.53	1015.50	1015.49	1015.46	1015.43	1015.41	1015.40	1015.52
26	0	1015.39	1015.38	1015.37	1015.36	1015.35	1015.35	1015.34	1015.30	1015.28	1015.28	1015.25	1015.23	1015.32
	1	1015.21	1015.20	1015.20	1015.18	1015.13	1015.10	1015.10	1015.10	1015.08	1015.06	1015.06	1015.05	1015.12
	2	1015.05	1015.06	1015.08	1015.10	1015.09	1015.07	1015.10	1015.13	1015.15	1015.18	1015.20	1015.22	1015.11
	3	1015.24	1015.27	1015.30	1015.34	1015.38	1015.38	1015.37	1015.38	1015.40	1015.41	1015.43	1015.46	1015.36
	4	1015.46	1015.44	1015.42	1015.43	1015.45	1015.45	1015.49	1015.56	1015.60	1015.64	1015.67	1015.63	1015.52
	5	1015.58	1015.57	1015.58	1015.59	1015.58	1015.55	1015.55	1015.58	1015.60	1015.64	1015.69	1015.72	1015.60
	6	1015.77	1015.82	1015.85	1015.89	1015.96	1016.04	1016.08	1016.10	1016.12	1016.14	1016.16	1016.20	1016.01
	7	1016.22	1016.21	1016.19	1016.16	1016.12	1016.09	1016.07	1016.06	1016.08	1016.11	1016.10	1016.10	1016.12
	8	1016.11	1016.10	1016.08	1016.08	1016.12	1016.14	1016.14	1016.14	1016.13	1016.12	1016.13	1016.17	1016.12
	9	1016.18	1016.17	1016.17	1016.19	1016.17	1016.15	1016.15	1016.16	1016.15	1016.15	1016.19	1016.19	1016.17
	10	1016.16	1016.13	1016.09	1016.05	1016.04	1016.04	1016.04	1016.04	1016.02	1015.98	1015.95	1015.93	1016.04
	11	1015.91	1015.87	1015.85	1015.86	1015.82	1015.75	1015.74	1015.75	1015.73	1015.65	1015.55	1015.56	1015.75
	12	1015.66	1015.81	1015.96	1016.07	1016.20	1016.47	1016.65	1016.65	1016.71	1016.77	1016.87	1016.88	1016.39
	13	1016.83	1016.80	1016.73	1016.69	1016.65	1016.67	1016.77	1016.81	1016.79	1016.80	1016.85	1016.91	1016.77
	14	1016.98	1017.00	1016.92	1016.83	1016.72	1016.60	1016.51	1016.36	1016.21	1016.08	1015.97	1015.93	1016.51
	15	1015.90	1015.86	1015.84	1015.83	1015.88	1015.94	1016.04	1016.15	1016.27	1016.40	1016.56	1016.67	1016.11
	16	1016.69	1016.70	1016.68	1016.62	1016.56	1016.51	1016.51	1016.51	1016.50	1016.50	1016.46	1016.48	1016.56
	17	1016.56	1016.57	1016.55	1016.57	1016.56	1016.60	1016.71	1016.77	1016.77	1016.74	1016.74	1016.77	1016.66
	18	1016.77	1016.74	1016.73	1016.70	1016.68	1016.64	1016.60	1016.57	1016.55	1016.48	1016.43	1016.44	1016.61
	19	1016.49	1016.49	1016.49	1016.55	1016.58	1016.60	1016.64	1016.69	1016.75	1016.81	1016.91	1016.96	1016.66
	20	1016.99	1017.02	1017.02	1017.03	1017.07	1017.11	1017.12	1017.12	1017.16	1017.22	1017.25	1017.26	1017.11
	21	1017.30	1017.34	1017.36	1017.43	1017.51	1017.56	1017.56	1017.58	1017.59	1017.55	1017.56	1017.61	1017.49
	22	1017.64	1017.62	1017.62	1017.65	1017.68	1017.67	1017.66	1017.68	1017.71	1017.75	1017.76	1017.75	1017.68
	23	1017.74	1017.74	1017.75	1017.74	1017.69	1017.63	1017.59	1017.58	1017.58	1017.59	1017.63	1017.63	1017.65

S.V.I.R.CO. Observatory - Pressure in hectoPascal – June 2013

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
27	0	1017.59	1017.56	1017.53	1017.52	1017.51	1017.51	1017.49	1017.50	1017.55	1017.57	1017.58	1017.58	1017.54
	1	1017.55	1017.50	1017.48	1017.47	1017.47	1017.47	1017.44	1017.42	1017.38	1017.37	1017.37	1017.38	1017.44
	2	1017.39	1017.38	1017.38	1017.39	1017.37	1017.36	1017.37	1017.36	1017.37	1017.33	1017.30	1017.35	1017.36
	3	1017.41	1017.42	1017.43	1017.46	1017.49	1017.52	1017.55	1017.57	1017.58	1017.60	1017.59	1017.57	1017.51
	4	1017.59	1017.61	1017.63	1017.67	1017.72	1017.76	1017.75	1017.67	1017.63	1017.63	1017.64	1017.68	1017.66
	5	1017.70	1017.68	1017.67	1017.67	1017.62	1017.60	1017.65	1017.67	1017.70	1017.73	1017.70	1017.66	1017.67
	6	1017.64	1017.63	1017.62	1017.63	1017.66	1017.67	1017.67	1017.65	1017.60	1017.58	1017.61	1017.64	1017.63
	7	1017.67	1017.69	1017.68	1017.65	1017.64	1017.67	1017.69	1017.65	1017.63	1017.62	1017.58	1017.52	1017.64
	8	1017.49	1017.48	1017.47	1017.44	1017.41	1017.40	1017.40	1017.41	1017.43	1017.45	1017.46	1017.44	1017.44
	9	1017.41	1017.39	1017.35	1017.31	1017.30	1017.27	1017.22	1017.17	1017.13	1017.11	1017.10	1017.09	1017.23
	10	1017.08	1017.10	1017.11	1017.10	1017.10	1017.07	1017.03	1016.98	1016.95	1016.93	1016.90	1016.89	1017.02
	11	1016.88	1016.88	1016.85	1016.82	1016.79	1016.67	1016.61	1016.67	1016.68	1016.70	1016.72	1016.70	1016.75
	12	1016.64	1016.63	1016.61	1016.60	1016.58	1016.57	1016.61	1016.64	1016.67	1016.65	1016.61	1016.59	1016.61
	13	1016.58	1016.65	1016.69	1016.68	1016.68	1016.72	1016.80	1016.84	1016.86	1016.89	1016.78	1016.57	1016.73
	14	1016.33	1016.20	1016.22	1016.16	1016.06	1016.01	1016.03	1016.02	1015.95	1015.92	1015.89	1015.85	1016.05
	15	1015.87	1015.84	1015.78	1015.84	1015.91	1015.86	1015.79	1015.75	1015.71	1015.70	1015.70	1015.67	1015.78
	16	1015.68	1015.73	1015.76	1015.73	1015.67	1015.67	1015.66	1015.59	1015.55	1015.58	1015.58	1015.59	1015.65
	17	1015.61	1015.59	1015.62	1015.67	1015.67	1015.67	1015.69	1015.69	1015.71	1015.75	1015.74	1015.76	1015.68
	18	1015.80	1015.83	1015.85	1015.84	1015.83	1015.81	1015.81	1015.87	1015.89	1015.87	1015.87	1015.88	1015.84
	19	1015.86	1015.85	1015.86	1015.93	1016.01	1016.11	1016.20	1016.28	1016.35	1016.40	1016.40	1016.38	1016.13
	20	1016.39	1016.40	1016.41	1016.41	1016.40	1016.42	1016.43	1016.45	1016.49	1016.51	1016.51	1016.53	1016.44
	21	1016.57	1016.57	1016.53	1016.50	1016.50	1016.51	1016.53	1016.55	1016.56	1016.56	1016.56	1016.57	1016.54
	22	1016.59	1016.62	1016.62	1016.60	1016.56	1016.56	1016.56	1016.51	1016.49	1016.48	1016.43	1016.41	1016.53
	23	1016.41	1016.39	1016.40	1016.41	1016.38	1016.35	1016.34	1016.34	1016.34	1016.36	1016.36	1016.32	1016.36
28	0	1016.29	1016.29	1016.25	1016.18	1016.15	1016.14	1016.11	1016.09	1016.08	1016.05	1016.01	1016.01	1016.13
	1	1016.05	1016.06	1016.01	1015.93	1015.85	1015.80	1015.78	1015.74	1015.69	1015.64	1015.61	1015.59	1015.81
	2	1015.59	1015.58	1015.58	1015.56	1015.52	1015.51	1015.50	1015.47	1015.45	1015.45	1015.44	1015.47	1015.51
	3	1015.49	1015.48	1015.48	1015.46	1015.42	1015.38	1015.35	1015.36	1015.40	1015.40	1015.40	1015.41	1015.42
	4	1015.34	1015.28	1015.22	1015.22	1015.31	1015.35	1015.33	1015.34	1015.35	1015.38	1015.42	1015.45	1015.33
	5	1015.46	1015.42	1015.42	1015.45	1015.43	1015.40	1015.35	1015.31	1015.28	1015.26	1015.28	1015.28	1015.36
	6	1015.24	1015.19	1015.18	1015.17	1015.17	1015.18	1015.18	1015.19	1015.22	1015.24	1015.26	1015.28	1015.21
	7	1015.31	1015.34	1015.36	1015.35	1015.32	1015.27	1015.28	1015.30	1015.29	1015.26	1015.22	1015.18	1015.29
	8	1015.17	1015.15	1015.14	1015.14	1015.14	1015.17	1015.19	1015.17	1015.13	1015.12	1015.11	1015.09	1015.14
	9	1015.11	1015.09	1015.05	1015.04	1014.99	1014.95	1014.90	1014.85	1014.83	1014.83	1014.82	1014.77	1014.93
	10	1014.75	1014.74	1014.73	1014.68	1014.60	1014.56	1014.52	1014.52	1014.52	1014.50	1014.43	1014.36	1014.57
	11	1014.42	1014.39	1014.36	1014.38	1014.34	1014.31	1014.27	1014.26	1014.23	1014.14	1014.10	1014.10	1014.27
	12	1014.09	1014.04	1013.94	1013.83	1013.73	1013.64	1013.54	1013.47	1013.47	1013.44	1013.46	1013.49	1013.68
	13	1013.53	1013.52	1013.51	1013.58	1013.58	1013.55	1013.50	1013.45	1013.48	1013.50	1013.47	1013.43	1013.51
	14	1013.37	1013.29	1013.21	1013.18	1013.19	1013.20	1013.21	1013.18	1013.12	1013.10	1013.15	1013.16	1013.19
	15	1013.14	1013.10	1013.09	1013.18	1013.19	1013.13	1013.16	1013.21	1013.22	1013.21	1013.24	1013.26	1013.17
	16	1013.30	1013.39	1013.49	1013.56	1013.61	1013.67	1013.86	1014.04	1014.14	1014.19	1014.21	1014.34	1013.82
	17	1014.50	1014.55	1014.57	1014.59	1014.59	1014.56	1014.53	1014.53	1014.50	1014.45	1014.40	1014.40	1014.51
	18	1014.43	1014.46	1014.48	1014.49	1014.53	1014.58	1014.60	1014.62	1014.68	1014.70	1014.68	1014.68	1014.57
	19	1014.69	1014.71	1014.70	1014.67	1014.68	1014.67	1014.64	1014.66	1014.70	1014.73	1014.75	1014.78	1014.70
	20	1014.77	1014.76	1014.78	1014.79	1014.77	1014.78	1014.81	1014.86	1014.92	1014.93	1014.91	1014.88	1014.83
	21	1014.89	1014.91	1014.93	1014.95	1014.98	1015.00	1015.03	1015.04	1015.08	1015.12	1015.16	1015.19	1015.02
	22	1015.20	1015.17	1015.12	1015.08	1015.08	1015.12	1015.15	1015.16	1015.16	1015.16	1015.19	1015.25	1015.15
	23	1015.31	1015.33	1015.37	1015.42	1015.42	1015.37	1015.33	1015.31	1015.29	1015.29	1015.28	1015.24	1015.33

S.V.I.R.CO. Observatory - Pressure in hectoPascal – June 2013

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1015.16	1015.14	1015.12	1015.11	1015.09	1015.09	1015.09	1015.09	1015.06	1015.02	1015.01	1014.96	1015.07
	1	1014.92	1014.89	1014.85	1014.84	1014.78	1014.74	1014.78	1014.79	1014.73	1014.69	1014.65	1014.60	1014.77
	2	1014.55	1014.49	1014.43	1014.42	1014.41	1014.38	1014.37	1014.41	1014.46	1014.47	1014.45	1014.46	1014.44
	3	1014.46	1014.49	1014.53	1014.50	1014.49	1014.54	1014.60	1014.60	1014.59	1014.59	1014.60	1014.61	1014.55
	4	1014.64	1014.65	1014.61	1014.56	1014.52	1014.50	1014.48	1014.51	1014.59	1014.66	1014.69	1014.69	1014.59
	5	1014.68	1014.69	1014.73	1014.79	1014.84	1014.87	1014.92	1014.97	1015.07	1015.15	1015.13	1015.07	1014.91
	6	1015.04	1015.06	1015.10	1015.11	1015.14	1015.19	1015.24	1015.31	1015.32	1015.29	1015.31	1015.31	1015.20
	7	1015.26	1015.20	1015.17	1015.19	1015.21	1015.23	1015.20	1015.16	1015.17	1015.16	1015.12	1015.04	1015.17
	8	1014.99	1014.94	1014.91	1014.89	1014.89	1014.86	1014.78	1014.73	1014.73	1014.70	1014.67	1014.64	1014.81
	9	1014.60	1014.60	1014.60	1014.54	1014.46	1014.42	1014.42	1014.45	1014.47	1014.43	1014.39	1014.35	1014.47
	10	1014.33	1014.33	1014.31	1014.31	1014.31	1014.26	1014.21	1014.20	1014.12	1014.10	1014.08	1013.96	1014.21
	11	1013.89	1013.91	1013.93	1013.91	1013.88	1013.86	1013.85	1013.85	1013.84	1013.81	1013.81	1013.78	1013.86
	12	1013.69	1013.65	1013.65	1013.66	1013.65	1013.65	1013.63	1013.57	1013.51	1013.43	1013.30	1013.27	1013.55
	13	1013.27	1013.27	1013.25	1013.19	1013.16	1013.15	1013.13	1013.07	1013.06	1013.09	1013.10	1013.10	1013.15
	14	1013.05	1013.03	1013.07	1013.03	1013.00	1013.01	1013.02	1013.02	1013.04	1013.07	1013.04	1012.98	1013.03
	15	1012.96	1013.01	1013.04	1013.04	1013.06	1013.06	1013.07	1013.11	1013.14	1013.15	1013.19	1013.20	1013.08
	16	1013.18	1013.21	1013.26	1013.29	1013.33	1013.36	1013.36	1013.35	1013.33	1013.32	1013.34	1013.41	1013.31
	17	1013.47	1013.54	1013.58	1013.57	1013.59	1013.59	1013.56	1013.60	1013.64	1013.68	1013.75	1013.78	1013.61
	18	1013.73	1013.74	1013.80	1013.79	1013.77	1013.79	1013.84	1013.90	1013.94	1013.96	1013.97	1013.97	1013.85
	19	1013.98	1014.00	1014.03	1014.06	1014.09	1014.13	1014.16	1014.22	1014.30	1014.38	1014.43	1014.51	1014.19
	20	1014.61	1014.65	1014.67	1014.70	1014.73	1014.75	1014.79	1014.84	1014.86	1014.88	1014.93	1014.99	1014.78
	21	1015.05	1015.10	1015.14	1015.16	1015.19	1015.22	1015.24	1015.24	1015.24	1015.25	1015.26	1015.26	1015.19
	22	1015.28	1015.33	1015.37	1015.41	1015.43	1015.47	1015.51	1015.51	1015.50	1015.51	1015.52	1015.51	1015.44
	23	1015.52	1015.52	1015.53	1015.55	1015.58	1015.60	1015.61	1015.61	1015.58	1015.52	1015.45	1015.42	1015.54
30	0	1015.42	1015.42	1015.41	1015.40	1015.38	1015.37	1015.36	1015.36	1015.35	1015.32	1015.30	1015.28	1015.36
	1	1015.26	1015.27	1015.28	1015.26	1015.21	1015.16	1015.15	1015.14	1015.12	1015.12	1015.16	1015.17	1015.19
	2	1015.16	1015.14	1015.13	1015.16	1015.18	1015.20	1015.21	1015.20	1015.20	1015.21	1015.24	1015.30	1015.19
	3	1015.32	1015.32	1015.32	1015.34	1015.38	1015.39	1015.39	1015.43	1015.49	1015.51	1015.50	1015.48	1015.40
	4	1015.46	1015.46	1015.51	1015.58	1015.62	1015.66	1015.69	1015.71	1015.74	1015.78	1015.84	1015.90	1015.66
	5	1015.93	1015.97	1016.03	1016.06	1016.09	1016.11	1016.12	1016.12	1016.10	1016.08	1016.07	1016.10	1016.06
	6	1016.16	1016.21	1016.20	1016.20	1016.24	1016.24	1016.22	1016.24	1016.28	1016.28	1016.30	1016.35	1016.24
	7	1016.38	1016.42	1016.47	1016.52	1016.53	1016.50	1016.47	1016.46	1016.44	1016.44	1016.44	1016.43	1016.46
	8	1016.42	1016.39	1016.38	1016.38	1016.36	1016.34	1016.32	1016.33	1016.34	1016.29	1016.24	1016.25	1016.33
	9	1016.27	1016.29	1016.29	1016.27	1016.25	1016.21	1016.17	1016.12	1016.11	1016.14	1016.17	1016.17	1016.20
	10	1016.15	1016.11	1016.10	1016.08	1016.06	1016.02	1015.99	1015.98	1015.98	1015.99	1015.98	1015.96	1016.03
	11	1015.94	1015.93	1015.90	1015.85	1015.81	1015.80	1015.77	1015.73	1015.71	1015.69	1015.69	1015.72	1015.79
	12	1015.71	1015.70	1015.70	1015.73	1015.77	1015.78	1015.79	1015.79	1015.76	1015.72	1015.71	1015.69	1015.74
	13	1015.66	1015.64	1015.67	1015.72	1015.74	1015.75	1015.74	1015.71	1015.71	1015.70	1015.70	1015.71	1015.70
	14	1015.71	1015.70	1015.67	1015.66	1015.67	1015.67	1015.69	1015.72	1015.75	1015.77	1015.77	1015.77	1015.71
	15	1015.80	1015.81	1015.78	1015.77	1015.78	1015.79	1015.81	1015.82	1015.82	1015.83	1015.85	1015.90	1015.81
	16	1015.91	1015.91	1015.92	1015.91	1015.93	1015.97	1016.02	1016.08	1016.08	1016.06	1016.07	1016.09	1015.99
	17	1016.11	1016.14	1016.17	1016.17	1016.15	1016.18	1016.21	1016.24	1016.28	1016.30	1016.31	1016.30	1016.21
	18	1016.30	1016.34	1016.39	1016.43	1016.44	1016.44	1016.45	1016.43	1016.43	1016.43	1016.43	1016.45	1016.41
	19	1016.46	1016.45	1016.48	1016.55	1016.61	1016.66	1016.70	1016.72	1016.77	1016.83	1016.90	1016.96	1016.67
	20	1017.02	1017.09	1017.16	1017.21	1017.25	1017.27	1017.30	1017.32	1017.34	1017.36	1017.33	1017.33	1017.25
	21	1017.37	1017.39	1017.40	1017.43	1017.45	1017.46	1017.47	1017.46	1017.47	1017.51	1017.52	1017.51	1017.45
	22	1017.49	1017.51	1017.55	1017.54	1017.54	1017.54	1017.53	1017.51	1017.51	1017.52	1017.54	1017.55	1017.53
	23	1017.56	1017.54	1017.51	1017.50	1017.48	1017.47	1017.47	1017.46	1017.44	1017.45	1017.48	1017.50	1017.49

