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**SVIRCO Prompt Report: October 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: October 2013**

**Fabrizio Signoretti and Francesco Re**

*IAPS - INAF, Area di Ricerca Roma - Tor Vergata  
Via del Fosso del Cavaliere, 100 - 00133 Roma, Italy,*

### **Abstract**

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



## SVIRCO OBSERVATORY

During the 1<sup>st</sup> 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 BF<sub>3</sub> 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,

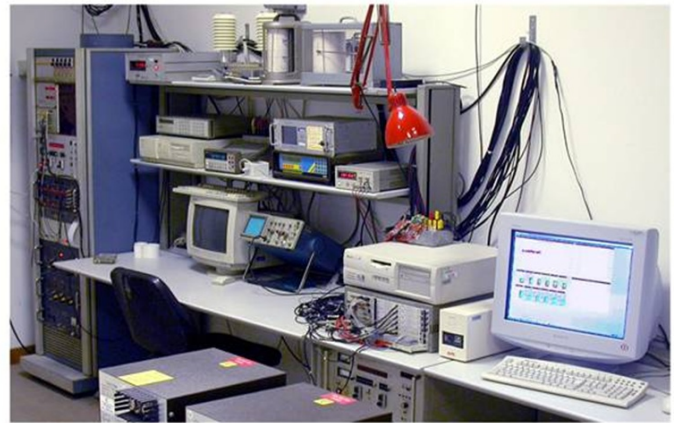
[stefano.massetti@ifs-roma.inaf.it](mailto:stefano.massetti@ifs-roma.inaf.it)



# S.V.I.R.CO. Observatory

Rome

Italy







INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - October 2013											20 NM-64	
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	45895	45663	45400	45867	45189	45570	45914	46068	46311	45498	46001	45360	99.439
	1	45808	45821	45718	45510	45914	45786	45799	45597	45532	45597	45460	46357	99.468
	2	45906	45914	45922	45207	46091	45614	45773	45777	45908	46071	45661	45907	99.623
	3	44932	45863	45752	45600	45820	45077	45963	45268	46023	45511	45990	45334	99.148
	4	46073	45891	45323	46083	45802	45938	45445	45479	45397	45629	45419	45912	99.376
	5	45182	45559	45364	45334	45557	45239	45613	45978	45777	46331	45940	45356	99.166
	6	45719	45375	45706	45421	45962	45505	46159	45573	45987	45245	45889	45573	99.326
	7	45803	45750	46019	44620	45454	45927	45447	45947	45294	45934	46222	45434	99.278
	8	45278	45930	45220	46149	45725	45850	45990	45292	45799	45475	45686	46058	99.387
	9	45446	45497	45695	45458	45849	45694	45876	45580	46026	45680	45412	45994	99.343
	10	46359	45624	45888	46113	45887	44993	46064	45556	45628	45387	45539	45877	99.471
	11	45303	45031	45576	46016	45209	45517	45598	45795	45216	45558	45536	45446	98.907
	12	45261	45484	45703	45402	45321	45564	45953	45966	45978	45210	45975	45459	99.174
	13	45680	45952	45818	45422	46092	45349	45257	46073	45538	45271	44946	45351	99.078
	14	45136	45387	45243	45492	45472	45788	45533	45772	44910	45585	45562	45642	98.856
	15	46089	45334	45579	45601	45199	45601	45901	45580	45809	45752	45297	45628	99.191
	16	45234	45312	45412	45839	46141	45005	45740	45541	45933	45360	45722	45688	99.111
	17	45618	45510	45658	44957	45631	46274	45416	45410	45605	46373	45720	45463	99.239
	18	46173	46097	45447	45425	45696	44785	45740	45201	45761	45591	45360	45538	99.091
	19	45738	45043	45554	46362	45733	45912	45419	45272	45587	45693	45879	45667	99.280
	20	45656	45906	45581	45335	45709	45692	45641	46005	45514	45763	45830	45945	99.410
	21	46208	46227	45307	45486	45749	45728	45660	45807	46033	45575	46265	45503	99.586
	22	45787	45862	45610	45967	46007	45725	46195	45632	45996	45698	46089	46106	99.790
	23	45591	45649	45258	46407	45575	45290	45367	45493	45235	45565	45655	45731	99.091
2	0	45936	45747	45770	46106	45747	45889	45379	45455	45727	45690	46020	45042	99.397
	1	45360	45220	45689	45380	45584	45470	45743	45885	45738	45341	45743	45482	99.058
	2	45496	45265	45472	45844	45281	44930	45694	45599	45657	45275	45718	45811	98.951
	3	45681	46034	45300	45988	45804	45593	45818	45566	45754	45599	45557	45481	99.337
	4	45326	46087	45958	45124	45453	46267	45999	45598	46098	46048	46298	45894	99.695
	5	45770	45599	44914	45243	45618	44778	44949	45334	45021	45291	44832	44357	98.165
	6	45354	45271	44969	45254	45417	45030	45635	45457	45418	44780	45739	45147	98.485
	7	45264	45489	44845	45594	45297	45502	45325	45257	45518	45062	45291	45630	98.594
	8	45318	44502	45070	44862	45518	45097	44911	45132	45366	45211	44290	44633	97.840
	9	45221	44867	44882	44801	45193	45281	45181	45686	44911	45009	45345	45234	98.148
	10	45485	44656	44939	45007	44997	44660	45058	44152	44623	45089	44917	45182	97.632
	11	45636	44651	45430	45285	45179	44805	45529	45169	45562	44926	44966	45302	98.298
	12	45820	45298	45415	44998	44868	45291	44793	45258	45679	45009	44878	45053	98.283
	13	45520	44589	45280	45076	45416	44898	45498	44844	45173	45634	44843	44983	98.173
	14	45418	44829	45239	45609	45279	45151	44448	45138	45091	45163	44989	45138	98.126
	15	44942	45121	44823	45289	44935	44960	45265	45412	45211	44836	45166	44969	98.024
	16	45401	45137	45871	44890	45024	45506	45633	45152	45337	44685	45080	45101	98.367
	17	45341	45077	45374	45440	45697	45096	44965	45467	45356	45341	45060	44781	98.399
	18	45359	44912	45587	45123	45167	45350	45089	45492	44593	45720	45722	44915	98.405
	19	44930	45906	45203	44982	45463	44804	45025	45533	45188	44662	45066	45480	98.262
	20	45026	45584	45217	45031	45196	45447	44961	44998	45426	45803	45085	45095	98.376
	21	45122	45126	45560	45707	45190	45144	44965	45905	45534	45648	44956	45195	98.590
	22	44526	45505	44771	45513	45712	45722	45773	45158	44975	45444	45330	45002	98.477
	23	45418	45061	44630	45595	45346	45321	44632	45555	45486	45355	45316	45253	98.394

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2013											20 NM-64	
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	44959	45275	45669	44697	45102	46024	45601	45485	45534	45382	45299	45417	98.664
	1	45616	44378	44840	46075	45791	45463	45339	45574	45392	45649	46452	45682	98.988
	2	45770	45544	45356	45948	45287	45654	45220	46172	45770	45494	45691	45660	99.227
	3	45701	45159	45701	45639	45749	45746	45251	44988	46051	45270	46078	45497	99.093
	4	45621	45375	45006	45911	45302	45580	45508	45638	44966	45380	45525	45903	98.891
	5	45779	45413	45317	45643	45188	45441	45997	45628	45631	44967	45717	45747	99.028
	6	45882	45363	45191	45575	45485	45771	45531	45115	45183	45640	45103	45255	98.779
	7	45594	45668	45122	45518	45192	45477	45640	45612	45862	45112	45439	45786	98.947
	8	45508	45978	45397	45418	44993	45294	45397	46140	45297	45608	46107	45520	99.062
	9	45173	45905	45516	45730	45559	45706	45582	45503	45726	45929	45871	44528	99.075
	10	45331	45008	45449	45314	45588	45419	44947	44951	45501	45148	44998	45851	98.491
	11	45506	45093	45907	45449	45376	45074	45504	45116	45823	45421	45431	45743	98.842
	12	45282	45470	45467	45861	45380	45446	45413	45994	46319	45617	45560	45790	99.233
	13	45441	45501	45706	45310	45712	45521	45847	45529	45106	45107	45285	45385	98.844
	14	45688	45647	45505	45528	45292	45554	45303	45334	46152	45650	46098	46000	99.260
	15	45118	45272	45219	45644	46002	45803	45520	44904	45709	45706	45365	44838	98.780
	16	46082	45239	45578	45671	45807	45488	45599	45036	45862	45418	45914	45445	99.150
	17	45181	45467	45924	45441	45577	46270	45718	45117	45692	46272	45018	45557	99.166
	18	45689	44831	45744	44829	44812	45692	45227	45394	45654	44968	45713	46024	98.685
	19	45509	45440	45833	45918	46285	46324	45100	45406	45727	46073	45893	45551	99.497
	20	45975	45427	45762	45622	45935	46153	45367	45829	45716	45968	45365	45539	99.424
	21	46188	45144	45923	46034	45837	45215	45328	45215	46044	45287	45706	45246	99.154
	22	45373	45500	45978	45880	46212	46012	44911	45843	45365	45562	46109	45315	99.316
	23	46049	45569	45652	45744	45705	45781	45549	45854	45300	45060	45524	45632	99.200
4	0	45709	45825	46010	45309	45358	45461	45033	46137	45737	44984	45526	45995	99.140
	1	45309	45573	45659	46185	45198	45463	45595	45493	45374	45795	45336	45346	99.002
	2	45473	45745	45561	45644	45662	45075	45077	45414	45375	45473	45805	45329	98.876
	3	45997	45307	45716	45279	45625	44968	45730	45906	45406	45470	45492	45456	99.007
	4	46071	45349	45741	45462	45753	45919	45946	45284	45938	45457	45006	45960	99.285
	5	45489	45539	46280	45724	46121	45793	45813	46008	46032	46214	45816	45919	99.803
	6	45844	45794	45722	45669	46069	46626	45847	45752	45695	45655	45520	45907	99.686
	7	45181	45863	45621	46007	45770	45507	45899	45458	46511	46019	46610	46057	99.758
	8	46355	45814	45847	45264	45617	45951	46037	45810	45540	46167	46364	45816	99.773
	9	45871	45907	45999	45809	45584	46665	46114	46405	45416	45849	46361	45541	99.944
	10	45750	45986	45947	45703	45215	45544	45952	46075	46245	45143	45472	46249	99.538
	11	45751	46319	46187	45900	45632	46176	46041	45799	45822	46048	45777	45886	99.910
	12	45829	45686	46018	46363	45832	45752	45443	45491	46229	45421	45578	45925	99.589
	13	45162	46322	46122	45721	46018	45731	45747	45468	45925	45511	45885	46138	99.623
	14	45969	45814	46013	45755	45480	45847	46088	45911	46217	45499	45262	45957	99.634
	15	44938	45682	45691	45720	45898	45801	45536	45753	45949	45843	46106	46055	99.481
	16	45247	45925	45943	45881	45298	46587	45689	46213	46323	45691	46375	45307	99.755
	17	45643	45691	46248	46192	45616	45926	45344	45409	46215	45822	46822	46255	99.882
	18	45133	45698	45690	45640	45348	45834	45686	45341	45838	45593	46394	45121	99.182
	19	45586	45725	45457	45372	45847	45659	45743	45811	45813	45412	46003	45630	99.316
	20	45616	45396	45866	45294	45919	45621	45809	45975	45236	45480	46148	45739	99.323
	21	45781	46022	45428	45932	46019	45776	45610	45503	45390	45993	45798	45339	99.413
	22	45739	45537	45631	45622	45430	45632	45542	45789	44999	45745	45432	45637	99.076
	23	45205	45039	45622	45754	45841	45239	45649	45747	45915	45198	45436	45496	98.969

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - October 2013											20 NM-64	
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	45959	46222	45787	45509	45793	45417	45594	45742	45977	45477	46049	45139	99.423
	1	45963	45350	46048	45408	45327	45182	45803	45291	45914	45731	46174	45135	99.184
	2	46046	46287	45837	45422	45343	45875	45955	45427	45390	45595	45429	45300	99.288
	3	45686	45665	45546	45249	45769	45532	45627	45150	45024	45513	45467	45087	98.819
	4	45581	45858	45864	45756	45159	45528	46388	45976	46124	46055	45563	45819	99.608
	5	45744	46188	45498	46150	45193	45442	45726	45731	45383	45775	45747	45486	99.318
	6	45766	45132	45971	46224	45590	45960	45273	45254	45879	45467	45334	45764	99.237
	7	45361	45885	45499	46643	45718	46177	46111	45717	45426	46221	46078	46048	99.828
	8	45559	46188	45706	45330	46120	46044	45893	45461	45891	45804	45954	45349	99.541
	9	45503	46095	45850	45745	46046	46303	45282	46751	46270	45503	46005	45574	99.836
	10	45432	45823	45081	45636	45819	45827	46572	45507	45276	46376	45450	46072	99.464
	11	46254	46132	45825	45195	45637	45662	45279	46133	45508	45634	45504	45329	99.322
	12	45830	46249	46178	45996	46208	46416	45635	45306	46175	46322	45503	45890	99.977
	13	45842	46260	45890	45875	45372	45891	45287	45495	45436	45433	45344	46008	99.330
	14	45929	45175	46100	45562	45839	45242	45641	45889	46403	45500	45983	45895	99.515
	15	45565	45317	45796	46336	45959	45569	45883	45461	45490	45846	46090	45775	99.502
	16	44977	45268	45503	45914	45557	45767	45596	45105	45342	45704	45308	45295	98.823
	17	45897	45838	45722	45754	45670	45902	45299	45829	45758	45301	45746	45321	99.312
	18	45478	45662	45769	46257	45781	45464	45356	45457	45142	45752	45874	45407	99.196
	19	45489	46071	45262	45860	46208	45472	46175	46478	45879	45522	45564	46284	99.715
	20	46020	45314	46041	45228	45768	45502	45137	45484	45683	46299	45510	45192	99.156
	21	46087	45950	45408	45420	45386	45910	44901	45787	45805	45440	45559	45317	99.119
	22	45429	45360	46146	45415	46304	45701	45185	45223	45559	45580	45645	45596	99.150
	23	45530	46217	45453	45905	45820	45892	45731	45923	46127	46085	45642	45248	99.590
6	0	45600	45638	45546	45564	45809	46074	45030	45258	45143	45659	45254	45578	98.969
	1	45317	45413	45228	45708	45377	44999	44845	45277	44949	45434	45443	45820	98.546
	2	45884	45469	45401	45222	46058	45600	45707	46253	45488	45382	45221	45703	99.195
	3	45938	46165	45541	45993	46075	45801	45555	46297	46686	46212	45830	45358	99.931
	4	46079	45968	46062	45564	45607	45392	46286	46011	45613	46025	45640	45166	99.561
	5	45564	45502	45954	45868	46119	45850	46370	46281	45779	46308	45537	45894	99.854
	6	46365	46170	45386	45481	45686	45955	46520	45864	46032	45745	46558	45537	99.903
	7	45967	45786	45597	45693	46089	45455	45477	45893	45724	46325	45791	45804	99.596
	8	45414	45865	46070	46080	46345	45893	45866	45674	45988	45800	45472	46061	99.763
	9	46036	46329	46237	46048	45808	46478	46167	45700	45474	46336	46253	45130	100.029
	10	46121	45997	45842	46313	45842	45956	46671	45985	45875	46404	45666	46835	100.303
	11	45739	45718	46007	45534	46053	45605	45448	45848	44823	46028	45999	45240	99.313
	12	46049	45961	45965	45798	46481	45389	45451	45510	45858	45909	46614	45498	99.755
	13	45615	46434	45886	45456	46206	46288	46239	45973	46241	45838	46076	45780	100.036
	14	45776	45488	46467	46384	45882	46668	45949	45968	46083	46105	45607	45301	99.972
	15	45573	45513	45783	45736	46235	46428	45731	45918	45821	45775	45477	45633	99.600
	16	46030	45402	45605	45913	45125	45307	45069	45633	45540	46144	45855	46219	99.277
	17	45295	45299	45793	45752	45921	45949	46429	46510	45580	45737	45600	45626	99.576
	18	45178	46331	46006	45763	46250	45606	45790	45118	45810	45919	46187	45291	99.532
	19	45657	45964	45662	45758	45992	45629	45224	46554	46063	45773	46067	45496	99.638
	20	45818	45450	46058	45555	45065	46073	45899	45401	45974	45694	45710	45661	99.370
	21	45215	45432	45345	45555	45852	46082	45784	46217	45773	45319	45548	45749	99.282
	22	46367	45590	45667	45356	45817	45803	45455	45886	45822	46541	45563	45215	99.501
	23	46133	45893	45362	45797	45525	46345	45443	45507	46522	45660	45123	45179	99.394

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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	h-norm
7	0	45978	46096	45450	45881	45368	46058	45822	45192	46100	45976	46095	45864	99.645
	1	46194	45608	45379	45919	46290	45539	45958	46249	45900	46886	45305	46600	99.999
	2	45784	45271	45448	45948	46305	45657	46137	45657	46460	45423	46045	46147	99.719
	3	45596	45424	45215	45729	46150	45851	45556	45696	45987	46216	46328	46112	99.642
	4	45801	46152	45744	45638	45494	45773	45833	46013	46563	45875	45764	45672	99.726
	5	46161	45913	45613	45449	45366	45465	46302	45784	45722	45930	46101	45605	99.561
	6	45847	45832	46036	45554	45831	45584	45321	45351	45454	45720	46026	45622	99.337
	7	45559	45470	45255	45409	45480	45358	45589	46333	45628	44997	46099	45276	99.025
	8	46109	45397	45507	46193	45440	44999	46123	45501	45079	45622	45231	45848	99.134
	9	45789	45101	46071	46046	45748	45456	46174	45613	46191	45871	45782	45980	99.636
	10	45454	45572	45716	45179	46144	44959	45885	45468	45595	45999	46288	45233	99.213
	11	45570	45517	45429	45475	45476	45274	45994	44978	46167	45914	45268	45939	99.125
	12	45738	45382	45723	45378	45858	46063	46113	45942	46377	46019	45864	45926	99.737
	13	45741	46044	46217	45760	45857	45673	46121	46410	45757	45794	46106	45861	99.911
	14	45682	45417	44975	46327	45413	45485	45873	46067	46526	45533	46186	45937	99.563
	15	46112	45932	45912	46081	46049	45402	46247	45812	46162	45457	45289	45593	99.677
	16	46441	45259	46029	45580	45955	45863	46234	45911	45612	46249	45922	45712	99.807
	17	45421	45826	45639	45891	45374	45741	45281	46123	45644	45081	46079	46205	99.360
	18	45599	45638	45701	45350	45915	45988	45571	45879	46103	45941	45836	45687	99.524
	19	45956	45895	46163	46098	46030	45817	46401	45828	45937	45167	45674	45680	99.785
	20	46143	45770	45690	46198	45985	46188	45960	45703	45605	45467	45297	45852	99.642
	21	44994	46019	45705	46138	45846	45829	45569	45791	45676	46078	45210	46120	99.482
	22	45980	46046	45856	46174	45668	45542	45807	46474	45196	45190	45814	45594	99.548
	23	45572	45772	45363	45781	46004	45844	45897	46361	45798	46007	45633	46029	99.679
8	0	45456	45755	45384	46206	45982	46018	45718	45950	45540	45658	45287	45613	99.405
	1	45588	45875	45787	46092	45707	45922	45635	46111	46103	45980	45199	46225	99.709
	2	45597	45417	45834	45265	46130	45981	45708	45234	46529	45709	45393	46099	99.468
	3	46094	45170	45321	46095	45432	46297	45390	45899	45712	46026	45691	45720	99.458
	4	45290	45295	45426	45617	45989	45704	45171	46075	45768	45645	46006	45432	99.200
	5	46121	45923	45814	45481	45945	45708	45721	45706	45807	45612	45793	45394	99.491
	6	45652	46310	45905	45813	45520	45956	45655	46061	45695	46373	45844	46189	99.844
	7	45943	46272	45929	45952	45403	45655	45861	46477	45987	45876	45839	46095	99.902
	8	45944	45464	45793	45740	45939	46115	45745	45912	46129	45385	46123	45995	99.719
	9	45967	45967	45659	46091	45914	46011	45476	46483	46409	46211	45681	45702	99.953
	10	45892	45981	45638	45743	45658	45791	45863	46111	46003	45954	46437	45966	99.856
	11	46379	45733	45748	45742	46270	45577	46679	45318	46561	45394	45638	45786	99.817
	12	46239	46069	46213	45863	45817	45966	46247	46547	45595	45874	45606	46096	100.054
	13	45980	46599	46030	45455	45800	45197	45476	46079	45950	46204	46542	46248	99.950
	14	46186	45319	46359	46097	46108	45903	46192	45945	45740	46465	45923	45832	100.043
	15	45778	46037	46036	45995	45945	45959	45754	46196	45721	45936	46054	45599	99.851
	16	46111	46074	45437	45559	46121	45324	46302	45686	46166	45478	45499	46018	99.627
	17	46101	45467	46566	45753	45724	46284	45453	46039	45879	45144	46194	46648	99.895
	18	46336	45573	45612	45885	46520	45818	46243	45945	46254	46073	45480	45638	99.918
	19	45932	45797	45580	45770	45913	45855	45885	45317	46132	46121	46328	45590	99.707
	20	45206	45477	45847	45663	45877	46058	45575	45212	45766	46003	46167	46411	99.534
	21	46264	45573	45592	45795	46294	45746	46127	45924	45635	46587	46537	46118	100.065
	22	45508	46206	45877	45450	46069	45805	46022	45620	45944	46536	45789	45354	99.700
	23	45172	45281	46383	45951	45820	45712	45698	46002	45362	45506	45644	45791	99.364

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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	h-norm
9	0	46280	45312	45691	46018	45472	46232	46277	45657	46412	46286	46210	45427	99.898
	1	46704	46656	45736	45509	45372	46151	46192	45021	45259	46249	45872	46350	99.862
	2	46463	45477	45649	45095	45172	45363	45533	45910	46153	45408	45842	45981	99.314
	3	46349	45554	46438	45293	45702	45304	45701	45521	45166	46289	45643	46051	99.488
	4	45732	45959	45909	45418	45747	46288	46230	45678	45773	45410	45936	45666	99.622
	5	45969	46427	45498	45546	45937	45616	45471	45719	45742	45827	44812	45509	99.319
	6	45683	45341	45344	45905	46074	45133	46126	45665	45614	46269	45608	45871	99.420
	7	45531	45424	45588	45517	45896	45605	45154	45115	45005	45393	45828	45323	98.831
	8	45583	44844	45690	45185	46037	45337	45697	45489	45741	45170	45652	45577	98.943
	9	45219	44985	45369	45847	45350	45769	45228	45477	44917	45188	44857	44903	98.419
	10	45763	44966	44962	45163	45387	45497	45586	45329	45151	45097	45875	45172	98.571
	11	45343	45753	45544	45159	45515	45886	45830	45563	45578	45988	45460	45154	99.083
	12	44979	45844	45773	44869	45596	44956	45688	46171	45732	44903	46212	45399	98.965
	13	45522	45481	45649	45684	45557	45102	45455	46152	45582	45736	45569	45665	99.152
	14	45844	45921	45540	45257	45267	44977	46061	45764	46051	45606	45796	45222	99.180
	15	45864	45732	46051	45268	45493	45545	45558	45620	45479	45630	45417	45440	99.142
	16	45556	45664	45824	45341	45965	45289	46190	45317	45502	45923	45557	45670	99.269
	17	45420	45321	45190	45565	46135	45414	46827	46125	45863	44978	45638	46050	99.401
	18	46546	45325	45158	45359	45709	45792	46189	45300	45856	45578	45464	45280	99.225
	19	45769	45681	45033	45007	45417	46245	45961	45381	45304	45331	44895	45389	98.836
	20	45378	45989	45591	45567	45115	44914	45533	45151	45176	45172	44920	44633	98.425
	21	44471	45609	45407	45433	44867	45023	45204	45558	45102	45054	45250	44932	98.202
	22	45535	45160	46041	45553	44937	45613	45274	44590	45552	45595	45187	45432	98.666
	23	44970	45218	45614	45181	45315	45129	45197	45668	45685	44923	45013	45238	98.427
10	0	46101	45303	45892	45753	45553	45570	45631	45273	45241	45736	45302	45783	99.141
	1	45338	45252	45591	45705	45474	45408	44991	45562	45356	45484	45862	45126	98.789
	2	45473	46369	44913	44884	45281	45502	46016	45235	45445	45666	45363	45107	98.808
	3	45503	45080	45845	45265	45761	45164	45217	45409	45965	45543	45704	45543	98.943
	4	45658	45874	45413	45429	44912	45760	45494	45416	45967	45618	45806	46126	99.210
	5	45648	45470	45271	45827	45648	45048	45118	44904	45434	45625	45829	45824	98.879
	6	45414	45723	45202	45533	45551	45641	46142	45865	45370	45678	45299	45334	99.079
	7	45997	45607	45880	45741	44934	45551	45787	45108	45307	45350	45750	45630	99.059
	8	45792	45868	45875	45532	45219	45406	46030	45827	45578	45390	45752	45674	99.295
	9	45151	45873	45303	45700	45398	45080	45885	45564	45320	44925	45648	45603	98.843
	10	45194	45883	45950	45120	44899	46077	45569	45302	45569	45650	45441	45670	99.002
	11	45594	45730	45758	46324	45566	44896	46151	45427	45672	45751	45507	45790	99.335
	12	46189	45948	45032	46246	45683	46154	45825	45713	44998	45428	45349	45962	99.400
	13	45529	45595	45738	45351	46017	46080	45652	45872	45958	45731	45929	45218	99.427
	14	45815	45311	45909	45599	45371	45838	45787	45870	46022	45543	45839	46084	99.485
	15	45237	45764	45652	45585	45302	46240	45924	45652	45625	45624	45455	45863	99.291
	16	45403	45607	45677	44974	45769	45367	45624	46096	45999	45224	45603	45638	99.121
	17	45531	45698	45630	46402	45951	45024	45452	45829	45828	45599	45270	45724	99.294
	18	45019	45625	45531	45862	45234	45772	45652	45640	46106	45823	46232	46217	99.435
	19	45731	45378	45948	45945	46276	45944	46100	45893	46073	45689	46181	46038	99.885
	20	45674	45224	45738	45642	45553	45665	45796	45610	46248	46016	46341	46350	99.641
	21	46339	45796	45677	45714	45515	46027	46669	45767	46430	45740	45832	45822	99.909
	22	45473	45465	45833	46281	45922	45903	46043	45807	46337	45550	45104	46278	99.667
	23	45427	46094	46003	45565	45857	45573	45348	45993	46137	45145	46028	45319	99.394

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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	h-norm
11	0	45591	45511	46023	45771	45453	45911	46071	45868	45537	45506	45932	45678	99.457
	1	45543	45559	45624	45224	45557	45574	45792	45940	45736	45805	45585	45860	99.270
	2	45256	45369	45553	46165	45828	45508	45414	45928	45672	45457	46021	46192	99.372
	3	45628	46187	45343	45712	46135	46283	45796	45860	45729	45605	45656	45399	99.548
	4	45807	45325	45489	45732	45245	45077	45609	45815	45546	45181	45889	46007	99.074
	5	45516	46225	45757	45678	46004	46040	45947	45173	45032	46189	45946	45356	99.462
	6	45804	45479	45947	46373	45924	45273	45633	45909	46155	46473	45595	45244	99.633
	7	45613	45885	45750	45906	45878	45123	46052	45879	46100	45311	45684	45641	99.454
	8	45566	45391	45904	46307	45733	45343	45926	45402	45555	45854	45588	45793	99.371
	9	45982	45836	45695	45773	45904	45497	45654	45926	45802	46204	46262	45401	99.656
	10	45852	45591	45846	46016	46255	45824	46531	46229	45771	46079	45972	45654	99.961
	11	46204	45742	45939	45972	45901	46139	45748	45223	45793	45515	45569	46097	99.639
	12	46026	46308	45651	46239	46739	45845	45769	46011	45862	46259	46139	46300	100.238
	13	46281	46202	45847	45655	45447	46328	45696	46234	46146	45034	45743	45720	99.728
	14	46191	45562	46455	45931	45999	45503	45479	46164	46070	45314	46064	46156	99.829
	15	45750	46451	45826	45640	45622	46129	46348	46313	46145	45164	46168	45673	99.890
	16	46077	46311	46334	45912	45770	46163	45629	45567	45796	45826	45813	45657	99.824
	17	45232	46225	46148	46242	45962	45956	45958	45418	45936	45912	45564	46098	99.786
	18	45970	46054	45427	45994	45923	45871	46047	45658	46073	45811	45398	46129	99.732
	19	45950	46064	46235	45804	46544	46140	45676	45856	45810	45834	45216	45767	99.831
	20	45791	45869	46531	46335	46137	45617	46425	45733	46156	46624	46531	45703	100.293
	21	46210	46104	46020	45890	45773	46508	45902	45840	46348	46354	46277	45680	100.194
	22	46092	45859	45454	46064	46207	46350	46113	45921	45446	45584	45591	45788	99.753
	23	45425	46441	45825	46312	45539	45288	45682	45381	45749	45813	45452	46072	99.483
12	0	45502	45535	45881	46438	45755	45432	45032	45487	46494	45529	45281	46059	99.368
	1	45553	45523	45788	46357	45945	45964	46263	46158	45779	45287	45765	46072	99.750
	2	46146	46222	46263	45557	45407	45817	45844	45354	45953	46210	45578	46088	99.748
	3	45492	46540	45683	45802	46034	45383	45970	45170	45697	45277	45822	45574	99.386
	4	45740	45627	45633	45587	45481	45576	45938	45461	45506	45520	46312	45550	99.293
	5	45535	45540	45747	46173	45916	45403	46087	46845	45653	46214	45987	45814	99.834
	6	45711	45652	46199	44948	45475	45661	45594	45939	45948	45688	46238	45733	99.448
	7	45492	46245	45590	46702	45787	46248	45896	45428	46034	45703	46363	45395	99.828
	8	45650	45719	45911	45510	45503	46322	46125	46092	45300	45926	45560	45431	99.495
	9	45600	45872	45944	45797	45284	46244	46304	45526	45755	45539	45766	46023	99.605
	10	46099	46074	46316	46112	45943	45923	45776	45594	45753	46160	45883	45904	99.947
	11	45443	46405	46187	45892	46021	45856	46055	45887	45655	46000	45780	45676	99.823
	12	46047	46184	45544	46304	45981	45578	45783	45947	46156	46053	45951	45694	99.889
	13	45662	45735	45666	46043	46079	45985	45946	45749	45652	45549	46594	45624	99.719
	14	46090	45899	45904	46287	46233	45983	45900	46519	45664	46563	45610	45802	100.113
	15	45245	46401	45908	46348	46130	45605	46256	45840	45837	45591	45810	45561	99.764
	16	46108	45994	46328	45695	46277	46198	45205	46000	45536	45563	46253	45539	99.794
	17	46942	45665	46010	45968	46033	46283	46510	46453	46316	45625	45944	45451	100.248
	18	45886	45934	45555	46232	46223	45858	46180	45807	45919	45637	46521	45965	99.979
	19	46635	46575	46853	45609	45644	45992	45333	45909	45872	46123	45597	45495	99.965
	20	45446	46166	45966	45429	45884	46148	46421	45282	45141	45834	44969	46221	99.469
	21	45599	45384	46212	45179	46457	45699	45724	45917	46108	45364	45887	46097	99.600
	22	46040	45614	45843	45857	45300	45641	46241	46030	45804	46259	45947	45457	99.674
	23	45550	45806	45642	45938	46185	45539	46710	45931	46016	45488	46391	45889	99.864

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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	h-norm
13	0	45820	45905	45394	46125	45210	46588	45371	45393	45910	46086	45690	45840	99.542
	1	45804	45051	46472	45756	45639	46290	45951	45919	46156	45368	46122	46433	99.842
	2	45431	46149	45572	46015	45848	45773	45450	45300	46340	45479	45290	46572	99.526
	3	45836	45300	45333	45455	45675	45315	45650	45594	46201	45388	45842	46385	99.300
	4	45628	46040	45540	45547	45633	45996	45466	45931	45634	46235	45564	45543	99.443
	5	45588	45607	46362	45418	46137	45707	45284	45225	45715	46262	46008	46007	99.544
	6	45646	45164	45294	45703	45410	45848	45838	46061	45459	44970	45509	45737	99.059
	7	45726	45035	45913	45599	45785	45858	45440	45535	45581	44833	45681	45942	99.111
	8	45854	45877	45609	45371	45436	45813	45915	45544	46064	46015	45576	46229	99.542
	9	46005	45657	45334	45710	45690	45818	45792	45534	46007	45308	45607	45780	99.349
	10	46247	45715	45524	44786	45476	45758	44643	46258	45745	45713	46141	45707	99.253
	11	45485	45441	45541	45346	45622	45859	45735	46060	46072	46522	45334	45643	99.425
	12	44802	45866	46239	45493	46234	46079	45642	45624	45518	45773	45707	45668	99.422
	13	45862	45718	45361	45832	45848	45822	46010	46098	46270	45320	45103	45566	99.452
	14	45695	45479	45666	45503	45655	45624	45796	45384	46136	45641	46174	45825	99.410
	15	45890	45576	45949	46161	46043	45681	44937	47030	45309	45684	45150	46126	99.584
	16	46095	45784	45152	44946	45754	45871	45380	45718	45988	45584	45502	45765	99.222
	17	45877	46628	45061	46063	46389	45617	46288	45546	45964	45656	45610	45928	99.781
	18	45203	46487	45705	45573	46121	46068	45880	45420	45325	45688	46184	45396	99.496
	19	45520	45456	45659	45226	46013	45905	45692	45967	45595	45348	45753	45504	99.240
	20	45413	45669	45173	45574	45727	45664	45825	45324	45597	45483	45860	45738	99.132
	21	46079	45687	45995	45695	46105	46195	44948	45585	45275	45401	45524	45244	99.257
	22	45722	46055	45340	45528	45500	45454	46048	45549	45976	45195	45664	45315	99.187
	23	46106	45362	45968	45789	45445	45382	45566	45678	46053	45465	46211	45686	99.435
14	0	45293	46068	45401	45622	45494	45821	45525	45539	46181	46027	45312	45019	99.172
	1	45216	46123	45243	45624	45589	45205	45277	45596	45870	45956	45396	45387	99.030
	2	45584	45139	45638	45928	45445	46349	46003	45047	46341	45206	46242	45972	99.467
	3	45509	45497	45688	45334	45895	46057	47003	45869	46439	45655	45089	45819	99.641
	4	45271	46031	45816	45382	45888	46047	45158	45883	45599	46340	45577	46284	99.537
	5	45661	45768	45525	45661	45709	46183	46405	45836	45400	45674	45632	45882	99.548
	6	45779	46434	45855	45979	45976	45763	46271	46324	46336	45623	45648	46538	100.125
	7	45897	46052	45728	46041	46249	45792	45886	46200	46160	46270	46110	45950	100.091
	8	45533	45769	46255	46525	45980	46210	45774	45928	46430	46022	45188	45776	99.920
	9	45304	46094	46051	45648	45842	45746	45904	46853	45533	46147	45635	45906	99.788
	10	45757	45979	46097	45591	46094	46101	46109	46562	46234	45243	45622	46283	99.971
	11	46072	45985	45670	46601	46043	46077	46173	46313	46331	46187	45823	45600	100.189
	12	45279	45612	45966	46052	46593	45871	46179	46062	45853	45696	46251	46135	99.949
	13	46333	45836	46524	46061	45911	45636	45996	45447	45763	45775	46176	45956	99.924
	14	45401	46065	46075	46293	46372	46002	46540	46181	46248	45933	45593	45825	100.126
	15	45708	46276	45867	45926	45762	45683	45901	46102	45985	46487	46063	45829	99.956
	16	46857	46431	45754	45915	45248	46038	46278	46142	46131	46137	46036	45296	100.078
	17	46139	46396	46891	46576	46432	44955	45820	46052	45308	45629	45872	45477	99.949
	18	45748	46420	46493	45836	46116	46360	45645	46280	46124	46430	45827	46327	100.321
	19	46214	46455	46152	46231	45980	45834	45730	46361	46072	46297	45815	46305	100.292
	20	45052	46050	46199	45740	46079	46219	45712	46124	45903	45946	45589	45554	99.698
	21	46126	45810	46337	46309	45547	45935	46081	46025	46509	45339	46098	46362	100.117
	22	46017	46217	46093	46095	45681	45476	46978	46451	46747	46188	46336	45955	100.435
	23	46402	45378	46195	46179	45999	46367	46492	45945	46686	45780	45709	46134	100.260

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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	h-norm
15	0	46088	46167	45755	45697	46265	46283	45814	46339	45973	46152	46398	45717	100.145
	1	45674	45759	46304	45968	45807	45540	45892	46033	45087	45872	46339	46213	99.756
	2	45872	45844	45695	45831	45244	45542	45605	45925	45304	45899	46218	45846	99.455
	3	45677	46012	45396	45864	45878	45483	46011	45700	45529	45354	46241	45442	99.412
	4	46178	46189	45291	45651	45018	44940	45934	45894	45269	46009	45173	45746	99.177
	5	45762	45352	45334	45798	45552	45421	45683	45156	45819	45628	45622	46056	99.157
	6	45872	45891	45675	45897	45958	45634	45713	45110	45431	45992	45981	44766	99.291
	7	46516	46001	45590	46133	46133	45268	46070	45984	45438	46139	46194	46196	99.969
	8	45797	45773	45869	46134	45547	45483	45450	45495	45888	45798	45130	45571	99.293
	9	46111	45613	46467	45553	45746	45395	45223	45558	45687	46125	45495	46114	99.503
	10	45089	45787	45522	45944	45669	45448	45606	45338	45974	45148	45605	45884	99.127
	11	45615	45747	45312	45640	46050	45518	45328	45612	46092	45617	45816	45613	99.298
	12	45793	45504	46004	45288	45971	45504	45920	45157	45362	45413	45856	46475	99.350
	13	45462	46433	46021	45387	45134	45603	45824	45829	46306	46160	45551	45534	99.531
	14	46003	45498	45470	46205	45532	45119	45689	45849	45145	46338	45192	46037	99.319
	15	45297	46173	45761	45609	45494	45680	45842	45985	45815	45898	45505	45909	99.481
	16	45880	45764	46067	45478	45493	45474	46414	45479	45101	45754	45581	45836	99.363
	17	45830	45479	44551	45373	45798	44890	45668	45801	45052	45534	45519	45644	98.787
	18	45973	45411	45540	45658	45907	45461	45950	45498	45769	45314	45390	45622	99.214
	19	45292	45481	45506	45579	45513	45896	45572	45828	45894	45934	45668	45370	99.221
	20	45245	46027	45551	45463	44918	45605	45476	45596	45162	46062	45844	45451	99.016
	21	45682	45929	45451	45584	45720	46047	45136	45181	45739	45440	45818	45117	99.096
	22	45103	45444	45735	45355	45420	46061	45115	45123	45424	45391	45349	45162	98.704
	23	45735	46353	45398	45436	45518	45038	45142	45555	45473	45038	45231	45168	98.776
16	0	45142	45273	44542	45627	45654	44630	45634	45360	45890	44999	45615	44996	98.453
	1	45160	45076	44855	45266	45204	45322	45052	45495	45772	45525	45097	45444	98.449
	2	45744	45799	45131	44458	45219	45909	44827	44839	45089	45494	44893	45432	98.369
	3	45481	44929	45250	45183	45487	45327	45376	45362	45317	44941	45152	45746	98.499
	4	45188	45089	45048	45358	45057	45622	45250	45159	45435	44983	45288	44688	98.248
	5	45294	45498	45321	45586	44609	45540	45557	45273	44991	45130	45635	44782	98.438
	6	45051	45540	45266	45075	44308	44800	44962	45241	45408	45511	45631	45167	98.211
	7	45663	45113	44804	45066	45038	45361	44742	45299	44676	45184	44922	45742	98.147
	8	45258	45974	45201	45299	45196	45109	45683	45630	44680	45402	45075	45323	98.550
	9	44994	45538	45642	45407	45375	45325	45995	45232	45561	44886	45480	45582	98.765
	10	45072	46358	45049	45490	45569	45894	45814	45176	45540	45509	45007	45486	98.937
	11	45425	46125	45550	45466	45103	45504	45686	45616	45368	44847	45620	45503	98.909
	12	45590	45825	45584	45403	46051	46221	45107	45933	45833	45240	45137	45463	99.194
	13	45564	45320	46033	45715	46142	45461	45617	46000	45803	45707	45243	45608	99.344
	14	45568	45664	45558	45962	45251	45814	45707	45871	45262	45708	45836	45675	99.283
	15	45800	46240	45324	45161	45923	45940	45089	46443	45594	45942	45504	46451	99.561
	16	45426	45074	45882	45398	46485	45909	46090	45145	45296	45819	45906	45798	99.347
	17	46016	45167	45864	45766	45930	45517	45680	45563	45705	45605	46083	46065	99.480
	18	46202	46350	45507	45915	45718	45352	45453	45763	45036	45601	45427	45734	99.317
	19	45594	45840	45845	44957	45914	45703	45240	45907	45547	45483	45228	45548	99.089
	20	45241	45466	45858	45541	45653	45644	46120	45646	45771	45193	44674	45437	98.988
	21	45557	44988	45353	45092	45090	45797	45756	45380	45690	45325	45221	45671	98.747
	22	45483	45478	45432	45480	45148	44952	45375	45083	45635	45755	45297	45994	98.782
	23	45030	45824	45433	45398	45134	44729	45041	45550	45519	45285	45831	45792	98.683



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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	h-norm
17	0	45880	46045	45898	45159	45535	45558	45201	45350	45599	45598	45664	44845	99.008
	1	46207	45933	46033	44967	44722	45711	45425	45282	45477	45403	45257	45776	98.978
	2	45502	45202	45281	45092	45537	45072	45538	45862	45201	45579	45986	45320	98.793
	3	45256	45636	45467	45316	45357	45580	45814	45914	45405	45216	45972	45674	99.053
	4	44752	45261	45948	45075	45883	45400	45226	46173	44845	45471	45590	45269	98.742
	5	45974	45830	45476	45257	45555	45534	45265	44805	45482	45658	45383	45313	98.859
	6	45485	45292	45352	45488	45382	44780	45746	45175	45427	45255	45349	45779	98.673
	7	45088	45314	45358	46080	45666	45210	45123	45178	45589	45753	45896	45380	98.876
	8	45376	45187	45552	45710	45038	45132	45579	45755	45523	45158	45635	45232	98.739
	9	45561	45365	45279	45688	45194	45241	45851	45819	45293	45664	45947	45708	99.053
	10	45340	45658	45139	45675	45841	45346	45865	45488	45548	46134	46015	45254	99.179
	11	46072	46434	45897	45174	45710	46025	45814	45705	45977	45754	45428	45848	99.638
	12	45602	45803	46020	45687	46053	45975	45830	46343	45551	45872	45918	45957	99.779
	13	46197	46064	45559	45241	46298	46090	45798	45127	45198	46129	45321	45788	99.452
	14	45569	45872	45300	45550	46028	45216	46713	45489	46272	45939	46418	45310	99.609
	15	45732	45551	46518	45489	45454	45225	45531	45595	45562	45363	46092	45519	99.239
	16	45787	45854	44950	46036	45658	45827	45562	45955	45767	45901	45818	45733	99.459
	17	45431	45827	45840	45762	45923	46163	45802	45548	45510	45639	46469	45631	99.585
	18	45354	46138	45543	45813	46375	45859	45642	46204	45487	45839	45961	46195	99.742
	19	45711	45914	45486	45688	46190	45854	45726	45535	45957	45977	45659	45786	99.574
	20	46026	45842	45985	45418	45765	45396	46056	45874	45740	45882	45006	45947	99.475
	21	46003	45526	45415	46089	45876	45626	46230	45500	45849	45156	45869	45562	99.433
	22	45483	45415	46312	45849	45875	45453	45728	45477	46079	45230	45245	45449	99.232
	23	45274	45940	45369	44948	45836	45449	45999	45338	45448	46391	45594	45116	99.070
18	0	45380	45573	45560	45965	45514	45604	45361	45222	44966	45399	45510	45429	98.847
	1	45253	45775	45795	45508	46038	45113	46042	45557	45732	45395	45276	45154	99.059
	2	45655	45695	45540	45992	44946	46087	45897	44970	45084	45134	45354	45119	98.848
	3	46272	45468	45153	45340	46056	45477	45741	45463	45513	45613	45906	45811	99.271
	4	45686	46218	45577	45431	45339	45388	45191	45324	45608	45630	45736	45860	99.122
	5	45683	46055	45525	45489	45295	45522	45786	45476	46031	45213	46000	45477	99.224
	6	45858	46149	45758	45581	45321	45984	45649	44909	45762	45710	45145	46010	99.276
	7	45839	45520	45743	45579	46279	45325	45390	45612	46300	44983	45562	45062	99.159
	8	45562	45377	45496	45227	45649	45864	45538	46051	45162	45613	45642	45617	99.087
	9	45981	45955	45400	45722	45636	45514	45532	45686	45643	46209	45757	45471	99.397
	10	45795	45772	45583	46054	45686	45364	45262	46032	46689	45795	45763	46022	99.635
	11	45664	46103	45711	45689	46128	45596	45191	45721	44956	45345	45791	45493	99.194
	12	45695	46101	46039	45993	46084	46050	46359	45822	46047	45931	45457	45778	99.914
	13	45240	45920	46208	45474	45822	45623	44783	45641	46271	46057	45563	46047	99.423
	14	45797	45526	45043	45956	45502	45595	46450	45957	45756	46198	46082	45483	99.549
	15	46166	45285	46200	45589	45292	45769	45899	45955	46181	45364	45791	44864	99.370
	16	45367	45931	45549	45603	45784	45654	45238	46018	45980	45496	45694	45847	99.335
	17	45368	44957	45881	45770	45332	46032	45914	45751	45467	45948	45612	45579	99.235
	18	46170	45962	45671	45423	45601	45039	45873	45876	45541	45496	44507	45583	99.078
	19	45500	45521	45752	45530	46047	45274	45025	44921	44929	45578	46434	46015	99.038
	20	45944	45366	45239	45702	45811	45480	45553	45629	45289	45465	45454	45685	99.055
	21	46313	46290	45255	45742	45705	45567	45125	45816	45497	45426	45843	45554	99.330
	22	45663	46013	45499	45187	46056	45051	45600	45698	45251	45879	45475	46363	99.257
	23	45183	45813	45960	45830	45127	45465	45796	45488	44977	44605	45955	45353	98.862

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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	h-norm
19	0	45576	45132	45883	46122	45997	46112	45558	45171	45841	44839	45640	45872	99.259
	1	46179	45512	45878	45970	46262	45652	46018	45659	45452	45137	45492	45374	99.411
	2	45376	45159	45035	45489	45494	45389	45495	45605	45488	45315	45513	45066	98.657
	3	45964	46166	45466	45509	46168	46089	46149	45413	46078	45878	45959	45660	99.758
	4	45298	45704	45412	45832	45325	45576	45527	45175	46505	45277	46054	46039	99.255
	5	45507	45556	45762	45239	45408	45777	45129	45014	45224	45321	45266	45770	98.757
	6	46019	45289	44828	45684	45955	45552	45480	45350	45236	45895	45373	45190	98.916
	7	45782	45552	45337	45157	46210	45301	44666	45789	45451	45233	45222	45368	98.774
	8	45564	45899	45918	45533	45187	45124	45668	45661	45522	44909	45372	45620	98.939
	9	46223	45097	45240	45102	45754	45298	45705	45391	45523	45830	45554	46032	99.079
	10	45770	45652	45649	45546	45068	45907	45633	45680	45471	45744	45977	45943	99.313
	11	45612	45818	45759	45943	45679	45675	45822	45488	45252	45367	46843	46035	99.539
	12	45401	45633	46693	45623	45817	46023	45871	46407	46381	45798	45875	46117	99.965
	13	45619	45850	45571	45638	45994	46227	45545	45319	45975	46308	45649	45116	99.452
	14	45366	46122	46622	46091	45782	46176	45700	45874	45538	46004	45644	46020	99.838
	15	45797	45661	45468	45662	46194	45035	46091	46514	45128	45498	45946	45688	99.429
	16	45637	45555	45788	45901	45923	46588	45369	45604	45418	45767	45706	45201	99.388
	17	46126	45492	45994	45806	45817	45533	45758	46061	45370	45526	45628	45678	99.448
	18	45387	45827	45563	45317	45340	45179	45888	44875	45690	45778	46013	45621	99.030
	19	45144	45447	45709	46128	45640	45328	46114	45518	45608	45853	45612	45358	99.207
	20	45927	45475	45248	45659	45360	45267	45654	46400	45694	45779	44893	45400	99.080
	21	45376	45055	45395	45631	46009	45385	45655	45222	45119	44927	45321	45622	98.710
	22	45466	45974	45697	45226	45058	45501	45909	45540	45186	45048	45910	45310	98.911
	23	45677	46049	45614	45971	45628	45426	46417	45636	45171	44842	46196	45089	99.254
20	0	45162	44888	45154	46078	45664	45316	45324	45288	45514	45456	45958	45855	98.880
	1	45676	45082	45720	45747	45783	45454	45733	45643	45665	45785	45266	45536	99.141
	2	45632	45387	45940	45555	45696	45948	46094	45280	45726	45580	45964	45671	99.391
	3	45846	45546	45706	45503	46067	46121	45497	45536	45165	45127	45970	45536	99.236
	4	46400	45275	46268	45688	45684	45611	45863	45663	45431	45406	46258	45583	99.510
	5	45266	45533	45363	45077	45861	45872	45694	46118	45597	45969	46177	45380	99.288
	6	45577	46566	45948	45865	45245	45799	45846	45998	45565	45801	46274	45866	99.731
	7	45448	45299	45760	45280	46090	45819	45885	45973	45453	46025	46100	45737	99.463
	8	45575	46091	45888	45759	46369	45739	46106	45484	45338	46071	45720	46424	99.770
	9	45739	45926	45861	45904	46270	45833	46108	45401	45588	46319	45818	45702	99.753
	10	46209	45952	46315	46054	45993	45991	46164	46158	46062	46465	45770	45725	100.186
	11	46419	45643	46113	45619	45597	46229	45856	46041	46236	46238	45678	45962	99.963
	12	46065	45846	45996	46012	46063	45761	45886	45729	46259	45944	45659	45030	99.713
	13	45588	45165	45627	45894	45455	46307	46005	46107	45742	46436	45750	45582	99.606
	14	46032	45916	45485	45645	46730	45770	45464	46374	45598	45846	45504	45841	99.705
	15	45996	45907	46180	46202	46322	45596	46080	46185	45912	45794	46279	46129	100.136
	16	45495	46200	46185	46019	46003	46092	45346	46150	45650	45962	45466	46554	99.871
	17	46009	46216	45803	46155	46606	46163	45422	46233	45588	45632	45793	45649	99.898
	18	45913	45671	45512	45922	45493	45624	46005	45784	45348	46013	45620	46206	99.507
	19	45585	45821	45377	45528	45939	45653	45685	45866	46089	46473	45418	46310	99.622
	20	46082	45914	45824	45680	45589	45918	45821	46157	45578	45853	44911	45938	99.535
	21	45877	45639	45675	45274	45900	45644	45986	46151	45261	46234	46320	45983	99.658
	22	46249	45222	45641	45674	46157	45474	45499	45774	45853	46258	45629	46166	99.595
	23	45858	45537	45507	45576	46306	45281	46389	45811	46082	45975	45396	46411	99.691

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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	h-norm
21	0	45330	45338	45661	45735	45491	45158	45896	45497	45790	46199	45824	45276	99.154
	1	45680	45086	45851	45463	45503	45741	45762	45597	45697	45730	45838	45259	99.162
	2	46110	46338	45371	45451	45746	46376	45861	46190	45739	45858	45858	46065	99.842
	3	46101	46114	45616	45541	45654	46002	46035	46055	46175	46062	46096	45823	99.899
	4	46467	45879	46230	46677	45986	46257	47070	46030	45709	46014	46556	46358	100.616
	5	46248	45918	46272	46301	46308	46199	45837	46227	46351	46022	46832	46172	100.517
	6	46314	46336	45936	45838	46263	45710	46559	46686	45529	45771	46826	46694	100.476
	7	46052	46224	46116	46985	46284	46181	46216	46535	45963	46440	46166	46474	100.689
	8	46059	45736	46247	46014	46459	46255	45994	46426	46005	46358	45865	46264	100.335
	9	45896	45668	46099	46811	46128	46313	46554	46087	46729	46565	45838	45775	100.476
	10	46180	46085	46308	46133	46588	46560	45811	45994	46377	45625	46327	45994	100.389
	11	46451	46572	45746	47073	46061	46100	45770	46887	46322	46778	45843	46659	100.803
	12	46358	45993	45887	46013	45391	46235	46286	45583	46147	46355	45752	45681	99.972
	13	45687	45884	45909	45604	46099	46191	45687	45855	45720	45622	45959	46154	99.735
	14	46238	45748	45729	45338	45586	46256	46189	45764	46141	45813	45673	46486	99.842
	15	45522	46271	46505	45515	46034	45420	45867	45274	46570	46296	45618	45705	99.776
	16	46112	46162	46348	46467	46039	46295	45575	45486	45895	45887	46046	45797	100.050
	17	45384	45712	45798	45652	46498	45577	46623	45708	46461	46049	45986	44909	99.733
	18	46450	46010	46054	46795	46559	45817	46091	45136	45526	46053	45926	45965	100.099
	19	45364	46239	46646	46088	45383	45960	45219	45931	46247	46012	45233	46375	99.794
	20	45885	46102	45770	45594	45793	45308	45958	46513	45769	46048	45986	45771	99.758
	21	45602	45386	45710	46074	45781	46333	45688	46240	46039	46598	46258	46177	100.009
	22	46131	45927	45565	45720	45622	45902	46179	45622	46281	45097	45557	46376	99.664
	23	45815	45858	45257	45869	45925	46021	45808	46019	45679	46202	46079	45768	99.722
22	0	45561	46032	45860	45508	46164	46016	46272	46090	45375	45867	45851	46353	99.836
	1	46251	45538	45572	45464	45869	45496	46330	46344	45477	46144	45969	45443	99.649
	2	45676	46138	45866	46316	45879	45891	45992	45641	45429	45735	46709	45441	99.797
	3	46330	45920	46635	46016	46112	46033	45831	45885	45668	45689	45852	46026	100.030
	4	45651	45685	45862	45896	45758	45578	45710	45553	45837	45603	45617	45657	99.379
	5	45875	46433	46423	45675	46389	45460	45638	46358	46068	46071	46332	46111	100.181
	6	46158	46185	45619	46176	46264	46434	45833	46160	46524	45476	45478	46150	100.113
	7	46303	46235	46477	46114	45933	45563	46086	46099	46140	45844	45857	45832	100.118
	8	46058	46538	45407	46358	45391	46127	46371	45888	46339	46473	45711	46852	100.304
	9	45522	45996	46217	46943	46516	45791	45841	45995	45059	46473	46609	45954	100.197
	10	45682	45713	45760	46236	46039	46070	46505	45623	46071	45913	45760	46219	99.956
	11	45911	46255	46000	46332	46133	46371	45964	45933	45754	46427	46616	45829	100.307
	12	46701	46014	45708	46829	45858	46515	46363	46054	46411	46199	46600	45898	100.601
	13	46204	46684	45988	45560	45702	46254	46562	45999	45962	46479	46360	46024	100.353
	14	45962	45563	46475	45902	45905	45876	46355	45476	46087	45926	45759	46413	99.976
	15	46068	46064	46509	45763	46226	45981	46075	46352	45755	46140	46541	45533	100.213
	16	45986	45380	45331	46042	45997	45639	45446	45704	46167	46051	45845	45640	99.528
	17	45932	45978	46316	46269	46167	45957	45746	45433	46399	46184	46089	45812	100.081
	18	46122	45826	46569	46352	45885	46018	45279	46020	45526	45790	45370	46130	99.829
	19	46110	45955	45726	45220	45908	45922	45796	46180	46115	46392	45414	45873	99.778
	20	45822	46231	45592	45959	45418	45581	45738	46366	45443	45719	46072	45598	99.584
	21	45865	46143	46162	45523	45569	46714	45461	46013	46584	46031	45508	45381	99.841
	22	45274	46116	45675	46034	45579	45248	45747	46179	45685	45534	45752	46208	99.492
	23	45622	45622	45937	45570	45931	46157	46211	45511	45248	45441	46081	46424	99.623

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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	h-norm
23	0	45941	46007	45094	45137	46051	45606	45474	45609	46360	45526	45306	45822	99.287
	1	45443	45948	46200	46026	45844	45269	45737	45864	46447	45100	45713	45874	99.571
	2	46093	46271	45088	45308	45082	46101	45842	45360	45546	45769	45580	45862	99.288
	3	45506	45690	45287	45537	46252	45383	46037	45858	45357	45532	45614	45331	99.194
	4	45817	45971	46010	45850	46684	46088	45862	45828	46195	45618	45921	45215	99.860
	5	46105	45418	46470	46375	46478	45575	46020	45829	46053	45385	46282	45729	99.979
	6	45915	46138	45992	45718	46332	45767	45235	45532	45937	45675	46000	46105	99.731
	7	45578	46228	46774	45437	46301	45452	46552	45685	46220	45497	45782	45933	99.928
	8	45846	46098	46104	45885	46634	46142	45614	46644	45953	45983	46346	46065	100.268
	9	45595	45591	45950	45980	45724	46216	46051	45690	46278	46215	46196	46732	100.070
	10	45407	46595	46503	46219	46094	46607	45314	46941	46630	45836	45508	46047	100.338
	11	45749	46077	46254	46046	46372	46141	45748	46226	45486	46013	46260	45438	99.996
	12	45775	46015	45944	46567	45571	45716	46017	45721	46410	45792	46460	45736	99.980
	13	45741	45949	46080	46539	46068	46970	45706	46078	46156	45719	45686	45928	100.143
	14	45443	45700	45780	46124	45926	45805	45590	45731	46227	45832	45700	46074	99.655
	15	45713	45558	45893	46687	45267	45727	45648	45007	46136	45784	45739	45390	99.405
	16	45773	45929	45360	45577	45930	46137	45857	46136	45884	46119	46308	45479	99.756
	17	45516	46159	45994	45819	46180	45337	46337	45595	46145	45892	46456	46606	100.037
	18	46840	46059	46360	46074	46093	46099	45286	46146	45579	45864	45545	45340	99.901
	19	46350	45889	46365	46433	45883	46391	45891	45653	46609	45927	45966	45527	100.190
	20	45924	45544	46452	45957	46500	45732	46536	46346	45554	46186	45288	46626	100.147
	21	46113	45367	45642	45965	45920	45964	45765	46453	45717	45531	45670	45682	99.630
	22	45197	45676	46251	45955	46428	46130	46638	46134	45909	45276	45795	46103	99.939
	23	45050	46125	45610	45701	45762	46028	45778	45618	45963	46248	45570	46204	99.606
24	0	45166	44784	45586	45403	45596	45470	45286	45529	45555	45635	46960	45484	99.026
	1	45613	45608	45617	45998	46089	45513	45418	45662	45472	45534	45284	45850	99.244
	2	45314	45717	45427	46392	45703	46068	45765	45563	45350	45763	45556	44900	99.218
	3	45815	46466	45360	45415	45301	45796	45513	46337	45874	46013	45524	44850	99.353
	4	45826	45825	46316	46255	44992	45625	45773	46005	45119	45708	45085	44980	99.216
	5	45554	46043	45681	45709	46188	45687	45551	45927	45106	45760	45541	45718	99.390
	6	45932	45532	46152	45872	45577	45402	45470	45853	45212	45790	46563	45007	99.371
	7	45933	45308	45512	45825	45258	45712	45525	45712	45782	45846	45871	45996	99.356
	8	46407	45578	45978	46511	46020	45681	45743	45931	45834	46167	45683	45477	99.851
	9	45989	45978	46399	45818	45905	46245	45882	46275	45902	45724	45619	46162	100.012
	10	45893	44864	45835	45377	45906	46039	45579	46285	45399	46035	45975	45689	99.465
	11	45725	45553	45945	46025	45892	46076	45037	46001	45814	45971	45787	46275	99.687
	12	45847	46041	45419	45799	45724	45279	45977	45639	45792	46236	45584	45899	99.530
	13	46150	45915	45770	46142	46087	46298	46784	45752	45995	46061	46077	45367	100.103
	14	45774	46230	45923	45441	46264	46374	45684	45394	46390	46038	46285	46398	100.066
	15	45703	46306	45386	45732	46041	45347	45057	45593	45435	45970	45935	45757	99.353
	16	45621	45711	45433	46155	45341	45543	45732	45607	45620	45717	45496	45566	99.223
	17	45748	45772	45722	45862	45405	45180	45564	45056	45624	46008	46308	46674	99.472
	18	45786	46140	45966	45320	45191	46296	45578	45579	45918	45323	45778	45318	99.341
	19	45213	45508	45899	44973	45549	45163	45310	45434	46016	45196	45589	45499	98.825
	20	45983	45503	46126	44951	45349	45278	45750	45375	44750	45552	44849	45447	98.746
	21	45299	45701	45380	45349	46269	45460	45491	45576	45139	45234	45046	45786	98.894
	22	45707	45233	45561	45847	45574	45588	45443	45709	45191	45716	45322	45362	98.988
	23	45336	45430	45548	45867	45134	45752	45664	45551	45414	45810	45411	45598	99.036

		S.V.I.R.CO. Observatory - Pressure Corrected Data - October 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	45624	45652	45465	45679	45733	45497	45478	45299	45831	45343	45134	45313	98.951
	1	46021	45395	45713	44780	45056	45991	45365	45211	45548	45845	45952	46135	99.126
	2	45927	45783	45492	46343	45834	45591	46161	45968	45980	45465	44843	45310	99.431
	3	46097	45100	45451	45946	45333	45188	45319	45572	45596	45059	45747	45736	98.969
	4	45853	45285	45702	45430	45257	45679	45465	45466	45644	45389	45842	45375	99.013
	5	45123	45201	45514	45582	45638	45942	45235	45306	46025	45456	45281	45946	98.988
	6	45851	45901	45769	45839	45640	45361	45929	46207	45689	45996	44885	46115	99.520
	7	45789	45202	45909	46012	46201	46063	45832	45632	45145	45838	46039	45817	99.574
	8	45476	46329	45931	45474	45765	45571	45566	45095	45912	45763	45507	46080	99.391
	9	45869	45862	45156	45491	45933	45156	45467	45865	46566	45878	45865	45976	99.502
	10	45224	46122	45984	45569	45028	46470	46190	46013	45050	45173	45389	46118	99.365
	11	46343	45634	45552	45607	45455	45880	45215	45235	45290	45733	45945	45180	99.137
	12	45754	45025	45792	45288	45217	46174	45337	45748	45080	45406	45318	46392	99.040
	13	45064	45226	45315	45517	46087	45584	45998	46124	45122	45205	45835	45504	99.048
	14	45300	44592	45646	45629	45186	45982	46305	45462	45730	45694	45402	45322	98.988
	15	45469	46085	45298	45670	45357	46042	45392	45658	45602	45960	45680	45425	99.240
	16	45619	45220	45987	45540	45457	45592	46380	45899	45671	45427	45551	45643	99.303
	17	45814	45674	45635	45485	45539	46328	45452	45931	45658	45590	45402	46306	99.453
	18	45698	45902	45611	45387	45758	46242	45972	45460	45928	45683	45846	45933	99.563
	19	45544	45156	46170	45698	45523	45257	46309	45753	46210	45812	46290	46255	99.664
	20	45641	46443	45598	45983	45639	45843	44999	45252	45637	45971	45521	45251	99.265
	21	45229	45589	46060	45122	45437	45866	45519	45235	45971	45375	45523	45798	99.074
	22	45156	45647	45967	45608	45586	45150	45940	45205	45769	45404	46043	45158	99.057
	23	46083	45453	45607	45388	45629	45869	45899	45461	44755	45730	45403	46000	99.174
26	0	45732	45539	45033	45460	45512	46403	46010	46461	45552	45547	45258	46234	99.439
	1	45637	45731	45562	45659	46059	45547	46119	45838	45967	45300	45646	45574	99.421
	2	46030	46268	45756	45033	46180	46078	45647	45304	46284	45495	45689	45590	99.551
	3	45859	45902	45961	45738	45765	45517	45506	45590	45267	45179	46247	45685	99.345
	4	45245	46140	46090	46284	46051	45153	45529	45987	45430	46243	45781	45527	99.570
	5	45318	45307	45765	45448	45770	45021	44981	45726	45648	46069	46234	45823	99.144
	6	45578	45212	45460	45829	45660	45532	46443	45323	46540	45821	45660	45497	99.406
	7	45938	45451	45792	46270	45994	46128	45471	45773	45366	45435	45571	45507	99.432
	8	46215	46130	45484	46498	45988	46075	45687	46003	45311	45898	45942	45303	99.765
	9	45061	45280	46651	45394	45899	46451	45623	45936	45900	45873	46273	46262	99.777
	10	46230	46227	46097	46012	46065	45643	46781	45641	46459	46150	45720	46082	100.231
	11	45972	45611	45724	45929	45649	46222	45485	46131	45598	45467	45786	45516	99.503
	12	45474	46337	46155	46448	45856	45967	46159	46163	46305	45744	45454	45520	99.955
	13	45645	45891	45752	45771	45824	45594	46272	45751	45511	45615	45650	45834	99.507
	14	45763	45669	46260	46217	46650	46133	45758	45999	46036	45362	46074	46311	100.072
	15	46085	45828	46179	45606	46075	46153	46154	46186	45487	46011	46401	45946	100.050
	16	46754	46547	46406	46057	45848	46169	46268	45967	46774	45946	45798	46570	100.593
	17	46527	45928	45988	45886	45944	46329	45677	45785	46159	46054	46548	45775	100.139
	18	46208	45858	45307	46244	46295	45733	46218	45816	46079	46132	45431	45848	99.880
	19	46629	45552	45846	45734	45443	46021	45564	45887	45873	45436	46445	45851	99.719
	20	45918	46719	46405	45982	45802	45722	46241	46049	46494	46137	46110	45958	100.308
	21	46698	45814	45920	45852	45620	46057	45377	46507	45935	45862	45254	45517	99.742
	22	45832	45627	45779	45164	46123	45759	45723	46073	45273	45780	46269	45694	99.504
	23	45935	45888	46079	45980	46142	45914	46336	46033	46033	46549	45893	45880	100.150

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2013											20 NM-64	
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	45813	45496	45724	45748	45837	46477	46165	45962	46047	45703	45204	45944	99.688
	1	45777	47207	45490	45473	45939	45800	45848	46023	45954	46138	45919	45941	99.941
	2	46111	46186	45765	45730	46166	46258	45491	45873	45659	45801	46207	45945	99.884
	3	46051	45943	46010	46415	45762	46341	45533	46170	45973	45961	46131	46494	100.172
	4	45905	45573	45611	45564	46527	45480	46055	46352	45691	45732	46390	46565	99.930
	5	45775	45933	45355	46453	45935	45599	46383	46419	46072	45954	46292	45854	100.035
	6	45415	45471	46286	45447	45624	45864	46706	46204	45435	46181	46030	46172	99.819
	7	46328	46425	45892	46105	45433	46035	45581	46171	46324	45921	46129	46220	100.132
	8	46196	46530	45650	46092	46678	46384	46587	45864	45499	46650	45560	45905	100.319
	9	45601	46010	45648	45782	46482	45977	46193	45367	46536	46119	46288	45786	99.992
	10	45920	45817	46035	46567	45900	45533	45717	45902	46365	46280	46492	45892	100.107
	11	46264	46584	46598	45824	46285	45908	46118	45893	46326	46806	46469	46747	100.724
	12	45844	45741	45760	46166	45824	45852	46072	46017	46219	46179	46139	46451	100.079
	13	46184	46012	46164	45662	46848	45676	46210	46228	45857	45747	45723	45727	100.037
	14	45251	45872	46341	45551	45804	45794	46697	46112	45538	46062	45488	45705	99.707
	15	46223	46191	46216	46053	46211	45721	46152	46295	46177	45908	45031	45946	100.053
	16	46189	45887	45380	45397	45611	45232	45514	45924	45808	45923	46048	45433	99.368
	17	46043	46092	45434	45199	45514	46078	45848	45602	46072	46107	45699	45748	99.565
	18	45806	45461	45729	46298	45335	46182	45489	45636	45959	45352	45252	45593	99.322
	19	45352	45386	46194	45922	45398	45704	45403	45551	45710	45405	45857	45267	99.151
	20	46151	46022	45731	46019	45462	45843	46082	45875	46161	45445	45210	45862	99.643
	21	45933	45259	45502	45761	45599	45458	45816	45054	45812	44935	45499	46104	99.075
	22	45424	45913	46038	45891	46127	45985	45639	45954	45521	45548	46044	45339	99.563
	23	45556	45766	46499	45753	46239	45879	45333	45502	46212	46362	45687	46183	99.844
28	0	46178	46187	45785	45316	45650	45735	45723	46064	45603	46063	45774	46353	99.748
	1	46539	46342	45874	46128	45593	45715	45831	46219	46371	46448	45764	45909	100.163
	2	45962	45789	45697	45763	45724	45785	46133	45397	45814	46158	45790	45865	99.646
	3	45830	46084	46324	46100	46011	46320	46546	46027	45921	45922	45954	45510	100.130
	4	45661	46081	46182	45597	45427	45916	45237	45627	45858	45601	45882	45681	99.441
	5	46218	45777	46557	45218	46195	46253	46261	45966	46216	45962	46283	45624	100.126
	6	46063	46106	46232	45670	45875	45872	45579	46269	46166	46054	46085	45913	100.009
	7	45480	46512	45846	45783	46067	46028	45859	46421	46026	46083	46161	46205	100.115
	8	46208	46551	46330	46230	46395	46245	45486	46882	46237	46362	45385	46268	100.498
	9	45653	45574	46494	45876	45711	46253	46290	46069	46069	46193	45992	46258	100.108
	10	46100	45866	46093	46047	46160	45774	46075	45764	45586	46591	45568	45985	99.959
	11	46356	45383	45558	46000	46905	45600	46172	45496	46254	46274	45768	45941	99.977
	12	45924	46200	46452	46128	46105	45761	45591	45222	45716	46118	46329	45641	99.882
	13	45771	45998	46622	45682	45698	45626	46258	46021	46579	46045	45611	45361	99.898
	14	45770	46362	46189	45888	46367	45711	45919	46197	45372	46363	45989	45945	100.043
	15	45893	45470	46609	46105	46215	46332	46381	45981	45356	46148	45513	45871	100.007
	16	45688	45985	45812	45802	46027	45963	45965	46549	45988	46080	46333	45564	99.986
	17	45614	46214	45431	46035	45306	45541	45809	45047	45491	45806	45866	45454	99.235
	18	46514	46085	46260	45385	46318	46029	45842	45295	45514	45561	46179	45797	99.809
	19	45782	45643	45683	45908	45739	46449	46087	45680	46061	45184	46031	45705	99.659
	20	46351	45311	46020	46023	45428	45812	45545	45480	45592	46492	45674	45625	99.550
	21	46214	45859	46100	45331	46095	45768	46783	46033	45619	45771	45377	46464	99.924
	22	45477	45387	45635	46067	45593	45713	45598	45781	45431	45587	46000	46246	99.399
	23	45834	45455	45367	45872	45767	45679	44950	45268	45574	45898	45555	45681	99.106

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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	h-norm
29	0	45618	45731	46574	45803	45603	46090	46174	45204	45506	45800	45942	44959	99.483
	1	46202	45875	46122	45966	45659	46224	46108	45932	45702	46350	45688	45611	99.928
	2	45874	46631	45860	46162	45359	46042	45110	46508	45595	45751	45557	45742	99.703
	3	45358	46261	45587	45752	45605	46053	45556	46452	45048	45815	45626	46013	99.510
	4	45288	45459	45888	45571	46080	45718	45891	45853	46173	45661	45463	45624	99.427
	5	45383	45800	45491	44986	45800	46236	45352	45598	45699	45051	44840	45285	98.856
	6	45674	45470	46082	45946	46051	46043	45488	45450	45616	45598	45629	45183	99.347
	7	46097	46057	45731	45453	45793	45872	45848	46091	45281	45817	45561	45870	99.572
	8	46217	44869	45724	46088	46015	45463	45357	45789	45247	45765	45784	45583	99.287
	9	45790	45474	45443	45698	45760	45428	45790	45756	45484	45479	45873	45633	99.234
	10	45572	45368	46159	45089	46150	45508	45956	45144	45790	46220	46006	45235	99.341
	11	45717	45284	45631	45732	45971	45607	46338	45332	45725	45714	45339	46005	99.377
	12	46504	45358	45508	45921	45412	45390	45470	45950	45862	45570	45977	46356	99.537
	13	46514	45842	45774	45563	45503	45996	45521	46335	45667	45366	45775	45669	99.582
	14	45228	45551	45551	45315	45802	45684	46166	45506	45589	45727	45335	45630	99.139
	15	46389	45267	47177	45500	45372	45668	46189	45298	45508	45991	45988	46062	99.742
	16	46020	45525	45514	46050	45481	45751	45843	45071	45836	45769	45936	46028	99.455
	17	45377	45298	45722	45438	45785	45294	45678	45479	46435	46149	45899	45332	99.285
	18	46137	45619	45795	45561	45949	45187	45826	45861	45323	46122	45922	46006	99.543
	19	45880	45647	45555	45962	45610	45745	45645	45933	45625	46484	45883	45864	99.637
	20	45985	45867	46002	46215	46317	46203	46303	45772	46037	46320	45525	46653	100.247
	21	45204	45896	45467	45648	46077	46033	45868	46125	46479	45833	45200	45459	99.539
	22	46100	46123	44739	45952	45543	46146	45303	46320	45834	46083	46001	45580	99.618
	23	45514	45556	45806	45587	46201	46064	45278	45639	45372	45526	45085	46123	99.260
30	0	46101	45539	45430	45586	45229	45743	45855	45259	44982	45375	45275	44840	98.802
	1	45578	45156	45206	44706	45283	45424	46219	45780	45372	44897	45462	45731	98.728
	2	44910	45227	45771	45169	45481	45713	45536	45631	45983	45421	45486	45821	98.970
	3	45546	45619	45631	45303	45418	45520	45826	45392	45165	45678	45612	45992	99.070
	4	45215	45104	45326	45929	45593	45604	45804	45818	45311	45358	45217	45295	98.866
	5	45323	45620	45635	45870	45010	45775	46023	45405	46082	45265	45638	45622	99.173
	6	45480	45863	46128	44991	45484	45535	45468	45157	45951	45562	46232	45926	99.265
	7	45858	45587	45751	45650	45399	45470	45695	45517	45197	45358	46278	45553	99.181
	8	45982	46041	45949	45918	45975	45644	45247	45283	44631	45426	45987	45181	99.172
	9	45357	45464	45134	45149	45896	45350	45305	45756	45512	45501	45647	45115	98.795
	10	45647	45692	45944	44975	45505	45125	45684	45297	45745	45913	45199	45576	98.998
	11	45784	45594	45321	45192	45131	45794	45713	45195	45387	45602	45563	45863	98.968
	12	45588	45727	45837	45444	45958	44816	45532	45304	45381	44907	45492	44827	98.728
	13	45756	45245	45459	45696	45017	45707	45240	45344	45604	45651	45231	45234	98.795
	14	46017	45647	45209	45612	45452	45041	45610	45622	45582	45221	44695	45170	98.740
	15	45448	44817	45532	45486	45454	45974	45601	46026	45247	45168	45676	44755	98.795
	16	46070	45354	45950	45761	45250	45057	45415	44805	45629	45855	45802	45323	98.992
	17	45680	45564	45416	46007	45312	45827	45311	45706	45547	45010	46002	45279	99.063
	18	45542	45595	45911	45675	45575	46158	45459	45248	45764	45399	45657	46051	99.311
	19	45814	45885	45319	46333	45757	45706	45915	46108	45883	45233	45636	46034	99.599
	20	45852	46245	45796	45764	45598	45716	45012	45234	45153	46158	45700	45793	99.309
	21	45813	45622	45403	45099	45382	46063	45336	46330	45698	46166	46097	46165	99.518
	22	46023	46208	46013	45580	45628	46324	45511	45863	45981	45848	45977	46080	99.855
	23	45863	46295	46068	46188	45708	45629	46502	46005	45560	46405	45485	46486	100.066

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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	h-norm
31	0	46104	45520	44867	45697	46277	45227	46267	45525	45786	45955	45427	45768	99.385
	1	45425	45590	45943	45859	45584	46119	45563	46187	45483	46629	45453	45984	99.635
	2	45824	45505	45317	45833	45987	46038	45536	45490	45490	45215	45842	45783	99.280
	3	45177	45603	45995	46493	45259	45832	45625	45700	45918	45824	45849	45116	99.377
	4	45188	45731	45370	45577	46298	45170	46026	45355	45399	45336	45468	45536	99.025
	5	46378	45890	46419	45950	45878	45590	45283	45497	46082	46099	45727	45724	99.762
	6	45833	45766	45772	46345	45362	46160	45554	45681	45315	45346	45320	45824	99.356
	7	45631	46142	45629	44858	45769	45411	45760	45717	45666	45881	45507	45323	99.178
	8	45692	45458	46125	45672	45700	45631	45667	45684	45518	45646	45574	45411	99.265
	9	45562	45958	45647	46142	45426	45389	45928	45334	45698	45483	45706	46187	99.389
	10	45929	45430	45638	46008	46035	46229	45358	46152	46133	45844	45756	45977	99.756
	11	45180	45964	45801	45108	45850	45174	45997	45307	46248	45632	46079	45789	99.329
	12	45806	45543	46142	45915	45670	45091	45832	46084	45802	45397	45904	44823	99.307
	13	45882	45894	46073	45961	46002	45734	45754	45978	45527	46023	44782	46048	99.606
	14	45856	45622	45526	45807	45659	45556	45581	45475	45807	45927	45474	46369	99.425
	15	45966	46252	46227	45571	45953	46140	45410	45476	46369	44773	45644	45902	99.611
	16	45673	45683	45706	45675	45432	45699	45790	44720	45487	45614	45545	45496	99.037
	17	45468	45796	45832	44661	45281	45294	45775	45465	45644	45255	45330	45408	98.800
	18	45940	45473	45191	44973	45319	45167	45992	45069	45868	45890	45656	45601	98.968
	19	45699	45767	44595	45025	45330	45965	45699	45300	45591	45519	45710	45049	98.807
	20	45211	45069	45086	45110	45657	45347	45454	45522	44833	45578	45232	45300	98.472
	21	45415	45440	45499	45550	45173	45070	45151	45141	44675	45071	46049	45568	98.545
	22	45955	44927	45332	46192	45817	45232	45869	45372	45545	44807	45624	45732	99.016
	23	45488	45229	45140	45594	45252	46170	45551	45848	45051	45852	45125	45423	98.893



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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
1	0	1004.05	1004.05	1004.07	1004.09	1004.11	1004.12	1004.08	1004.02	1004.03	1004.02	1003.99	1004.01	1004.05
	1	1003.96	1003.88	1003.83	1003.81	1003.81	1003.83	1003.81	1003.78	1003.79	1003.78	1003.75	1003.72	1003.81
	2	1003.73	1003.75	1003.78	1003.80	1003.82	1003.90	1004.00	1004.05	1004.06	1004.12	1004.20	1004.30	1003.96
	3	1004.40	1004.41	1004.42	1004.49	1004.51	1004.49	1004.48	1004.51	1004.57	1004.61	1004.59	1004.54	1004.50
	4	1004.49	1004.49	1004.50	1004.46	1004.37	1004.31	1004.34	1004.35	1004.34	1004.31	1004.29	1004.32	1004.38
	5	1004.36	1004.42	1004.48	1004.51	1004.54	1004.54	1004.56	1004.58	1004.59	1004.63	1004.65	1004.67	1004.54
	6	1004.68	1004.73	1004.82	1004.90	1004.99	1005.05	1005.09	1005.14	1005.19	1005.27	1005.37	1005.44	1005.05
	7	1005.52	1005.66	1005.77	1005.82	1005.87	1005.91	1005.94	1005.91	1005.92	1005.96	1006.01	1006.05	1005.86
	8	1006.05	1006.01	1005.96	1005.96	1006.01	1006.04	1006.02	1006.07	1006.12	1006.12	1006.17	1006.20	1006.06
	9	1006.18	1006.16	1006.13	1006.16	1006.19	1006.16	1006.09	1006.02	1005.98	1005.96	1005.98	1006.00	1006.08
	10	1005.98	1005.94	1005.91	1005.88	1005.88	1005.92	1005.97	1005.97	1005.92	1005.84	1005.80	1005.82	1005.90
	11	1005.82	1005.83	1005.82	1005.79	1005.74	1005.70	1005.74	1005.77	1005.73	1005.73	1005.73	1005.66	1005.75
	12	1005.63	1005.62	1005.61	1005.61	1005.66	1005.69	1005.66	1005.58	1005.52	1005.50	1005.45	1005.45	1005.58
	13	1005.47	1005.47	1005.45	1005.37	1005.33	1005.35	1005.34	1005.30	1005.27	1005.23	1005.15	1005.11	1005.32
	14	1005.11	1005.10	1005.14	1005.19	1005.25	1005.26	1005.23	1005.21	1005.22	1005.24	1005.26	1005.29	1005.21
	15	1005.32	1005.30	1005.28	1005.29	1005.31	1005.29	1005.25	1005.28	1005.30	1005.33	1005.37	1005.43	1005.31
	16	1005.54	1005.60	1005.64	1005.73	1005.82	1005.87	1005.91	1005.99	1006.08	1006.13	1006.13	1006.14	1005.88
	17	1006.17	1006.20	1006.23	1006.28	1006.33	1006.38	1006.40	1006.44	1006.50	1006.54	1006.61	1006.67	1006.39
	18	1006.71	1006.75	1006.77	1006.83	1006.94	1007.01	1007.01	1007.02	1007.05	1007.07	1007.09	1007.12	1006.95
	19	1007.19	1007.21	1007.23	1007.32	1007.39	1007.43	1007.46	1007.50	1007.49	1007.45	1007.42	1007.43	1007.38
	20	1007.49	1007.53	1007.57	1007.63	1007.66	1007.64	1007.63	1007.66	1007.70	1007.70	1007.73	1007.72	1007.64
	21	1007.70	1007.73	1007.73	1007.77	1007.75	1007.69	1007.69	1007.75	1007.74	1007.70	1007.73	1007.73	1007.72
	22	1007.75	1007.80	1007.81	1007.85	1007.82	1007.80	1007.79	1007.76	1007.81	1007.87	1007.95	1008.03	1007.83
	23	1008.10	1008.12	1008.14	1008.20	1008.30	1008.43	1008.49	1008.48	1008.48	1008.45	1008.39	1008.32	1008.32
2	0	1008.21	1008.21	1008.22	1008.25	1008.24	1008.25	1008.27	1008.23	1008.18	1008.16	1008.17	1008.21	1008.22
	1	1008.28	1008.37	1008.47	1008.53	1008.51	1008.50	1008.54	1008.55	1008.56	1008.56	1008.54	1008.57	1008.50
	2	1008.61	1008.64	1008.66	1008.70	1008.72	1008.71	1008.73	1008.75	1008.74	1008.76	1008.81	1008.82	1008.72
	3	1008.82	1008.80	1008.75	1008.75	1008.80	1008.85	1008.90	1008.99	1009.08	1009.12	1009.15	1009.16	1008.93
	4	1009.18	1009.21	1009.25	1009.30	1009.36	1009.40	1009.44	1009.50	1009.53	1009.56	1009.59	1009.58	1009.40
	5	1009.60	1009.63	1009.65	1009.71	1009.78	1009.82	1009.86	1009.90	1009.96	1010.02	1010.03	1010.05	1009.83
	6	1010.12	1010.18	1010.18	1010.19	1010.26	1010.34	1010.40	1010.48	1010.55	1010.60	1010.70	1010.81	1010.40
	7	1010.86	1010.83	1010.81	1010.85	1010.90	1010.94	1010.99	1011.03	1011.05	1011.08	1011.10	1011.12	1010.96
	8	1011.16	1011.24	1011.30	1011.35	1011.40	1011.45	1011.51	1011.53	1011.53	1011.56	1011.60	1011.63	1011.44
	9	1011.62	1011.63	1011.64	1011.68	1011.69	1011.68	1011.69	1011.68	1011.70	1011.72	1011.72	1011.76	1011.68
	10	1011.81	1011.86	1011.86	1011.85	1011.85	1011.84	1011.85	1011.85	1011.82	1011.78	1011.79	1011.79	1011.83
	11	1011.74	1011.72	1011.70	1011.66	1011.62	1011.59	1011.57	1011.55	1011.54	1011.52	1011.52	1011.52	1011.60
	12	1011.49	1011.45	1011.43	1011.43	1011.40	1011.39	1011.42	1011.45	1011.46	1011.50	1011.53	1011.57	1011.46
	13	1011.60	1011.58	1011.58	1011.61	1011.63	1011.63	1011.63	1011.62	1011.60	1011.58	1011.58	1011.61	1011.60
	14	1011.60	1011.60	1011.61	1011.63	1011.64	1011.66	1011.72	1011.78	1011.82	1011.86	1011.92	1011.97	1011.73
	15	1012.00	1012.05	1012.07	1012.06	1012.07	1012.12	1012.15	1012.19	1012.27	1012.34	1012.42	1012.47	1012.18
	16	1012.51	1012.55	1012.61	1012.68	1012.75	1012.81	1012.86	1012.89	1012.96	1013.01	1013.02	1013.06	1012.81
	17	1013.10	1013.18	1013.30	1013.38	1013.41	1013.43	1013.44	1013.50	1013.57	1013.62	1013.71	1013.78	1013.45
	18	1013.81	1013.90	1014.01	1014.08	1014.12	1014.17	1014.23	1014.29	1014.37	1014.46	1014.53	1014.57	1014.21
	19	1014.62	1014.68	1014.76	1014.85	1014.92	1014.98	1015.05	1015.14	1015.24	1015.32	1015.38	1015.44	1015.03
	20	1015.49	1015.53	1015.56	1015.60	1015.66	1015.73	1015.78	1015.80	1015.83	1015.89	1015.97	1016.04	1015.74
	21	1016.09	1016.14	1016.18	1016.25	1016.31	1016.36	1016.39	1016.41	1016.43	1016.46	1016.50	1016.52	1016.33
	22	1016.54	1016.57	1016.61	1016.66	1016.69	1016.69	1016.72	1016.77	1016.83	1016.88	1016.92	1016.98	1016.74
	23	1017.06	1017.10	1017.14	1017.19	1017.20	1017.22	1017.25	1017.29	1017.34	1017.40	1017.44	1017.48	1017.26

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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
3	0	1017.55	1017.55	1017.55	1017.56	1017.57	1017.60	1017.64	1017.67	1017.73	1017.78	1017.82	1017.83	1017.66
	1	1017.82	1017.80	1017.78	1017.79	1017.80	1017.77	1017.75	1017.75	1017.78	1017.82	1017.84	1017.89	1017.80
	2	1017.97	1018.03	1018.04	1017.99	1017.99	1018.04	1018.08	1018.13	1018.20	1018.27	1018.32	1018.36	1018.12
	3	1018.35	1018.36	1018.39	1018.39	1018.44	1018.53	1018.58	1018.59	1018.61	1018.64	1018.70	1018.75	1018.53
	4	1018.77	1018.77	1018.75	1018.74	1018.74	1018.74	1018.75	1018.76	1018.76	1018.79	1018.81	1018.82	1018.77
	5	1018.83	1018.86	1018.89	1018.94	1018.99	1019.05	1019.11	1019.16	1019.21	1019.24	1019.24	1019.27	1019.06
	6	1019.32	1019.38	1019.44	1019.50	1019.56	1019.61	1019.67	1019.71	1019.76	1019.81	1019.81	1019.82	1019.61
	7	1019.87	1019.90	1019.91	1019.93	1019.96	1019.97	1020.01	1020.09	1020.17	1020.22	1020.30	1020.37	1020.06
	8	1020.38	1020.39	1020.44	1020.47	1020.49	1020.52	1020.54	1020.56	1020.60	1020.62	1020.63	1020.65	1020.52
	9	1020.69	1020.71	1020.74	1020.77	1020.78	1020.76	1020.75	1020.74	1020.72	1020.75	1020.80	1020.84	1020.75
	10	1020.84	1020.85	1020.87	1020.86	1020.87	1020.88	1020.90	1020.91	1020.90	1020.88	1020.85	1020.84	1020.87
	11	1020.85	1020.81	1020.75	1020.74	1020.75	1020.72	1020.67	1020.64	1020.65	1020.65	1020.61	1020.57	1020.70
	12	1020.52	1020.50	1020.49	1020.47	1020.42	1020.35	1020.28	1020.21	1020.18	1020.18	1020.17	1020.14	1020.32
	13	1020.13	1020.15	1020.15	1020.13	1020.14	1020.15	1020.15	1020.17	1020.20	1020.24	1020.25	1020.26	1020.17
	14	1020.30	1020.34	1020.37	1020.37	1020.38	1020.39	1020.38	1020.37	1020.40	1020.42	1020.43	1020.46	1020.38
	15	1020.48	1020.42	1020.39	1020.43	1020.47	1020.49	1020.52	1020.55	1020.57	1020.59	1020.64	1020.69	1020.52
	16	1020.72	1020.76	1020.84	1020.92	1020.98	1021.03	1021.07	1021.11	1021.15	1021.19	1021.24	1021.27	1021.02
	17	1021.30	1021.31	1021.34	1021.40	1021.45	1021.50	1021.55	1021.61	1021.67	1021.71	1021.75	1021.80	1021.53
	18	1021.87	1021.92	1021.94	1021.95	1021.93	1021.91	1021.96	1022.01	1022.00	1022.01	1022.05	1022.03	1021.96
	19	1022.02	1022.08	1022.18	1022.24	1022.23	1022.21	1022.18	1022.22	1022.26	1022.25	1022.27	1022.33	1022.20
	20	1022.35	1022.35	1022.37	1022.41	1022.47	1022.53	1022.54	1022.48	1022.43	1022.43	1022.47	1022.50	1022.44
	21	1022.50	1022.53	1022.57	1022.54	1022.50	1022.51	1022.56	1022.58	1022.60	1022.67	1022.71	1022.68	1022.58
	22	1022.63	1022.58	1022.53	1022.47	1022.41	1022.43	1022.49	1022.49	1022.50	1022.50	1022.50	1022.55	1022.50
	23	1022.58	1022.56	1022.51	1022.52	1022.57	1022.64	1022.70	1022.73	1022.71	1022.68	1022.66	1022.65	1022.62
4	0	1022.65	1022.67	1022.70	1022.71	1022.65	1022.60	1022.60	1022.62	1022.64	1022.65	1022.70	1022.76	1022.66
	1	1022.81	1022.81	1022.77	1022.77	1022.77	1022.74	1022.71	1022.73	1022.81	1022.89	1022.93	1022.96	1022.81
	2	1023.02	1023.01	1022.95	1022.90	1022.78	1022.66	1022.60	1022.55	1022.57	1022.57	1022.51	1022.49	1022.71
	3	1022.52	1022.60	1022.71	1022.79	1022.87	1022.99	1023.06	1023.10	1023.05	1023.01	1023.08	1023.10	1022.90
	4	1023.06	1023.08	1023.10	1023.05	1023.00	1022.93	1022.88	1022.87	1022.85	1022.86	1022.90	1022.92	1022.96
	5	1022.93	1022.91	1022.86	1022.80	1022.81	1022.78	1022.70	1022.63	1022.60	1022.62	1022.64	1022.62	1022.74
	6	1022.66	1022.71	1022.73	1022.73	1022.71	1022.70	1022.71	1022.75	1022.78	1022.79	1022.85	1022.96	1022.76
	7	1023.03	1023.07	1023.14	1023.17	1023.19	1023.23	1023.32	1023.42	1023.47	1023.52	1023.60	1023.67	1023.32
	8	1023.70	1023.71	1023.67	1023.65	1023.71	1023.82	1023.92	1023.97	1023.99	1024.05	1024.11	1024.13	1023.87
	9	1024.09	1024.03	1024.01	1024.00	1023.99	1023.94	1023.88	1023.86	1023.85	1023.82	1023.76	1023.72	1023.91
	10	1023.71	1023.66	1023.60	1023.57	1023.53	1023.48	1023.41	1023.38	1023.40	1023.37	1023.29	1023.24	1023.47
	11	1023.20	1023.18	1023.15	1023.08	1023.03	1023.01	1023.00	1023.00	1022.97	1022.89	1022.83	1022.83	1023.01
	12	1022.82	1022.82	1022.83	1022.81	1022.76	1022.75	1022.78	1022.80	1022.77	1022.75	1022.79	1022.78	1022.79
	13	1022.69	1022.61	1022.54	1022.48	1022.45	1022.45	1022.39	1022.34	1022.33	1022.31	1022.28	1022.25	1022.42
	14	1022.23	1022.23	1022.20	1022.18	1022.17	1022.12	1022.06	1022.02	1022.02	1022.03	1022.04	1022.06	1022.11
	15	1022.02	1021.98	1022.01	1022.07	1022.11	1022.15	1022.18	1022.21	1022.27	1022.32	1022.35	1022.36	1022.17
	16	1022.37	1022.44	1022.49	1022.54	1022.53	1022.48	1022.52	1022.58	1022.58	1022.60	1022.64	1022.63	1022.53
	17	1022.55	1022.46	1022.38	1022.31	1022.29	1022.30	1022.26	1022.23	1022.28	1022.39	1022.50	1022.54	1022.37
	18	1022.50	1022.45	1022.42	1022.44	1022.45	1022.39	1022.37	1022.46	1022.47	1022.39	1022.43	1022.53	1022.44
	19	1022.61	1022.70	1022.76	1022.73	1022.71	1022.70	1022.66	1022.59	1022.53	1022.44	1022.34	1022.30	1022.59
	20	1022.33	1022.36	1022.42	1022.45	1022.35	1022.27	1022.35	1022.42	1022.41	1022.38	1022.41	1022.37	1022.37
	21	1022.19	1022.02	1021.80	1021.64	1021.64	1021.63	1021.59	1021.56	1021.51	1021.52	1021.53	1021.56	1021.68
	22	1021.72	1021.84	1021.89	1021.90	1021.84	1021.79	1021.78	1021.77	1021.72	1021.63	1021.47	1021.43	1021.73
	23	1021.51	1021.50	1021.52	1021.59	1021.56	1021.45	1021.33	1021.20	1021.08	1021.04	1021.11	1021.16	1021.34

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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	1021.11	1021.12	1021.12	1021.13	1021.10	1021.05	1021.06	1021.08	1021.07	1021.00	1020.82	1020.44	1021.00
	1	1020.21	1020.46	1020.58	1020.44	1020.35	1020.27	1020.22	1020.10	1019.89	1019.76	1019.73	1019.74	1020.14
	2	1019.83	1019.91	1019.99	1020.11	1020.20	1020.21	1020.09	1019.92	1019.77	1019.63	1019.48	1019.28	1019.87
	3	1019.08	1018.98	1018.97	1018.98	1019.07	1019.20	1019.23	1019.21	1019.12	1019.04	1019.06	1019.08	1019.08
	4	1018.98	1018.88	1018.86	1018.89	1018.93	1018.98	1018.96	1018.81	1018.71	1018.63	1018.62	1018.59	1018.82
	5	1018.52	1018.54	1018.59	1018.79	1018.97	1018.98	1019.07	1019.22	1019.20	1019.19	1019.40	1019.83	1019.02
	6	1020.75	1021.18	1020.34	1020.02	1020.40	1020.57	1020.52	1020.33	1020.19	1020.11	1020.07	1019.93	1020.36
	7	1019.81	1019.73	1019.77	1019.91	1019.82	1019.64	1019.73	1019.98	1019.98	1019.84	1019.73	1019.44	1019.78
	8	1019.08	1018.91	1018.94	1018.97	1018.93	1018.96	1018.89	1018.87	1019.05	1019.18	1019.28	1019.43	1019.04
	9	1019.65	1019.82	1019.79	1019.63	1019.53	1019.46	1019.49	1019.62	1019.69	1019.65	1019.44	1019.16	1019.58
	10	1019.02	1018.90	1018.79	1018.85	1018.96	1018.88	1018.67	1018.45	1018.22	1018.10	1018.13	1018.18	1018.59
	11	1018.15	1018.10	1018.04	1017.93	1017.85	1017.80	1017.79	1017.74	1017.65	1017.61	1017.57	1017.52	1017.81
	12	1017.43	1017.35	1017.26	1017.15	1017.09	1017.05	1017.01	1017.01	1017.02	1017.02	1017.00	1016.99	1017.11
	13	1017.03	1017.15	1017.22	1017.14	1017.08	1017.12	1017.18	1017.17	1017.12	1017.04	1016.93	1016.93	1017.09
	14	1017.01	1017.03	1016.98	1016.92	1016.99	1017.11	1017.13	1017.08	1016.97	1016.89	1016.95	1017.07	1017.01
	15	1017.09	1017.08	1017.09	1017.16	1017.27	1017.24	1017.16	1017.23	1017.32	1017.38	1017.41	1017.45	1017.24
	16	1017.51	1017.56	1017.60	1017.62	1017.67	1017.69	1017.66	1017.61	1017.56	1017.50	1017.42	1017.34	1017.56
	17	1017.34	1017.35	1017.39	1017.39	1017.32	1017.29	1017.29	1017.26	1017.23	1017.23	1017.16	1017.12	1017.28
	18	1017.12	1017.10	1017.04	1016.98	1016.94	1016.91	1016.87	1016.85	1016.82	1016.75	1016.74	1016.73	1016.90
	19	1016.75	1016.79	1016.77	1016.73	1016.73	1016.77	1016.82	1016.85	1016.85	1016.86	1016.82	1016.77	1016.79
	20	1016.77	1016.77	1016.73	1016.73	1016.74	1016.73	1016.71	1016.67	1016.67	1016.65	1016.59	1016.51	1016.69
	21	1016.42	1016.35	1016.30	1016.24	1016.26	1016.29	1016.26	1016.24	1016.19	1016.10	1016.05	1016.01	1016.22
	22	1015.97	1015.95	1015.92	1015.86	1015.82	1015.80	1015.79	1015.85	1015.88	1015.82	1015.76	1015.70	1015.84
	23	1015.59	1015.42	1015.32	1015.36	1015.36	1015.29	1015.37	1015.48	1015.47	1015.40	1015.26	1015.13	1015.37
6	0	1015.09	1015.05	1015.05	1015.04	1014.96	1014.95	1015.00	1015.06	1015.16	1015.18	1015.05	1014.89	1015.04
	1	1014.69	1014.80	1015.13	1015.14	1014.95	1014.80	1014.78	1014.83	1014.74	1014.67	1014.60	1014.54	1014.80
	2	1014.55	1014.48	1014.50	1014.52	1014.48	1014.54	1014.64	1014.73	1014.74	1014.60	1014.45	1014.44	1014.55
	3	1014.39	1014.29	1014.25	1014.21	1014.21	1014.26	1014.23	1014.16	1014.11	1014.05	1013.96	1013.94	1014.17
	4	1013.96	1013.94	1013.91	1013.90	1013.91	1013.91	1013.90	1013.85	1013.80	1013.79	1013.78	1013.75	1013.86
	5	1013.71	1013.67	1013.67	1013.66	1013.67	1013.70	1013.74	1013.79	1013.80	1013.81	1013.88	1014.00	1013.75
	6	1014.08	1014.15	1014.25	1014.36	1014.45	1014.54	1014.65	1014.71	1014.72	1014.76	1014.80	1014.83	1014.52
	7	1014.87	1014.96	1015.08	1015.19	1015.25	1015.29	1015.33	1015.36	1015.38	1015.43	1015.53	1015.63	1015.27
	8	1015.72	1015.76	1015.78	1015.81	1015.85	1015.91	1015.89	1015.85	1015.85	1015.88	1015.94	1015.98	1015.85
	9	1016.00	1016.00	1016.00	1016.00	1016.01	1016.00	1015.98	1015.96	1015.91	1015.86	1015.83	1015.78	1015.94
	10	1015.71	1015.65	1015.62	1015.62	1015.62	1015.62	1015.60	1015.58	1015.56	1015.52	1015.46	1015.43	1015.58
	11	1015.40	1015.36	1015.32	1015.28	1015.24	1015.24	1015.20	1015.12	1015.07	1015.06	1015.04	1014.97	1015.19
	12	1014.93	1014.92	1014.90	1014.90	1014.92	1014.92	1014.92	1014.91	1014.89	1014.85	1014.78	1014.74	1014.88
	13	1014.68	1014.68	1014.68	1014.64	1014.61	1014.58	1014.52	1014.50	1014.53	1014.53	1014.53	1014.55	1014.58
	14	1014.57	1014.54	1014.52	1014.55	1014.54	1014.50	1014.49	1014.52	1014.52	1014.49	1014.49	1014.51	1014.52
	15	1014.45	1014.39	1014.36	1014.31	1014.25	1014.27	1014.36	1014.43	1014.45	1014.47	1014.51	1014.54	1014.40
	16	1014.58	1014.60	1014.62	1014.64	1014.64	1014.69	1014.73	1014.74	1014.77	1014.81	1014.85	1014.91	1014.71
	17	1014.98	1015.00	1015.01	1015.08	1015.12	1015.11	1015.08	1015.07	1015.13	1015.16	1015.16	1015.17	1015.09
	18	1015.21	1015.26	1015.32	1015.37	1015.43	1015.47	1015.49	1015.51	1015.52	1015.50	1015.52	1015.60	1015.43
	19	1015.60	1015.51	1015.48	1015.52	1015.63	1015.84	1015.88	1015.82	1015.95	1016.03	1015.90	1015.88	1015.75
	20	1015.97	1016.00	1015.97	1016.00	1016.04	1016.05	1016.09	1016.08	1016.03	1016.14	1016.19	1016.14	1016.06
	21	1016.19	1016.21	1016.17	1016.13	1016.08	1016.04	1016.00	1016.07	1016.32	1016.38	1016.38	1016.35	1016.19
	22	1016.21	1016.08	1015.99	1016.00	1016.07	1016.09	1016.08	1016.15	1016.15	1016.07	1015.99	1015.95	1016.07
	23	1015.94	1015.91	1015.89	1015.87	1015.91	1015.95	1015.95	1015.98	1016.04	1016.10	1016.13	1016.07	1015.98

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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	1016.01	1015.99	1015.97	1015.97	1015.97	1015.97	1015.95	1015.95	1015.97	1016.01	1016.05	1016.08	1015.99
	1	1016.03	1015.94	1015.88	1015.86	1015.84	1015.85	1015.92	1015.94	1015.97	1016.00	1016.01	1015.99	1015.93
	2	1015.96	1015.93	1015.93	1015.95	1015.99	1015.99	1015.99	1015.93	1015.85	1015.82	1015.80	1015.82	1015.91
	3	1015.87	1015.89	1015.89	1015.92	1015.96	1015.98	1015.97	1015.98	1016.01	1016.00	1015.99	1015.97	1015.95
	4	1015.95	1015.97	1016.00	1016.03	1016.07	1016.09	1016.05	1016.06	1016.10	1016.12	1016.13	1016.17	1016.06
	5	1016.19	1016.20	1016.22	1016.26	1016.33	1016.35	1016.37	1016.39	1016.43	1016.45	1016.43	1016.42	1016.33
	6	1016.46	1016.51	1016.55	1016.59	1016.60	1016.59	1016.59	1016.58	1016.58	1016.59	1016.59	1016.61	1016.57
	7	1016.71	1016.79	1016.81	1016.83	1016.86	1016.87	1016.90	1016.95	1016.99	1017.07	1017.14	1017.15	1016.92
	8	1017.14	1017.16	1017.18	1017.21	1017.23	1017.24	1017.25	1017.22	1017.23	1017.27	1017.31	1017.32	1017.23
	9	1017.33	1017.36	1017.35	1017.37	1017.40	1017.38	1017.38	1017.38	1017.36	1017.39	1017.44	1017.43	1017.38
	10	1017.44	1017.45	1017.43	1017.48	1017.51	1017.52	1017.50	1017.49	1017.45	1017.39	1017.34	1017.28	1017.44
	11	1017.21	1017.14	1017.10	1017.04	1016.98	1016.97	1016.98	1016.97	1016.96	1016.96	1016.99	1017.01	1017.02
	12	1017.04	1017.08	1017.09	1017.10	1017.12	1017.10	1017.09	1017.08	1017.09	1017.09	1017.10	1017.10	1017.09
	13	1017.08	1017.07	1017.05	1017.01	1016.95	1016.90	1016.85	1016.83	1016.83	1016.82	1016.77	1016.76	1016.91
	14	1016.80	1016.86	1016.93	1016.97	1016.95	1016.87	1016.80	1016.78	1016.77	1016.73	1016.69	1016.67	1016.82
	15	1016.63	1016.56	1016.53	1016.50	1016.50	1016.51	1016.52	1016.58	1016.62	1016.65	1016.69	1016.72	1016.58
	16	1016.73	1016.73	1016.76	1016.84	1016.89	1016.90	1016.97	1017.05	1017.11	1017.18	1017.22	1017.22	1016.97
	17	1017.24	1017.25	1017.26	1017.29	1017.32	1017.35	1017.40	1017.45	1017.47	1017.50	1017.54	1017.57	1017.38
	18	1017.60	1017.62	1017.65	1017.68	1017.69	1017.69	1017.68	1017.68	1017.68	1017.67	1017.64	1017.61	1017.66
	19	1017.59	1017.60	1017.64	1017.67	1017.69	1017.72	1017.75	1017.75	1017.73	1017.74	1017.77	1017.79	1017.70
	20	1017.81	1017.80	1017.82	1017.85	1017.88	1017.91	1017.93	1017.99	1018.02	1018.02	1018.05	1018.03	1017.92
	21	1017.97	1017.92	1017.93	1017.96	1017.91	1017.89	1017.94	1017.97	1018.01	1018.07	1018.11	1018.20	1017.99
	22	1018.29	1018.33	1018.34	1018.40	1018.48	1018.52	1018.52	1018.50	1018.51	1018.52	1018.51	1018.45	1018.45
	23	1018.42	1018.41	1018.40	1018.40	1018.47	1018.47	1018.33	1018.25	1018.26	1018.28	1018.31	1018.31	1018.36
8	0	1018.35	1018.39	1018.43	1018.43	1018.43	1018.38	1018.27	1018.23	1018.18	1018.12	1018.09	1018.04	1018.27
	1	1018.03	1018.00	1017.92	1017.85	1017.77	1017.71	1017.68	1017.64	1017.58	1017.53	1017.51	1017.50	1017.73
	2	1017.49	1017.43	1017.37	1017.31	1017.21	1017.14	1017.08	1016.91	1016.78	1016.78	1016.82	1016.88	1017.10
	3	1016.90	1016.81	1016.79	1016.80	1016.77	1016.81	1016.87	1016.95	1017.02	1017.05	1017.02	1016.98	1016.90
	4	1016.99	1017.01	1016.99	1017.02	1017.10	1017.10	1017.05	1017.00	1016.97	1016.91	1016.89	1016.91	1016.99
	5	1016.92	1016.96	1017.01	1017.03	1016.99	1016.91	1016.89	1016.94	1017.02	1017.11	1017.11	1017.05	1016.99
	6	1016.97	1016.91	1016.93	1016.98	1017.02	1017.09	1017.14	1017.16	1017.14	1017.08	1017.11	1017.23	1017.06
	7	1017.38	1017.52	1017.64	1017.74	1017.72	1017.64	1017.89	1018.28	1018.45	1018.57	1018.65	1018.68	1018.01
	8	1018.71	1018.75	1018.71	1018.61	1018.56	1018.51	1018.46	1018.41	1018.46	1018.57	1018.64	1018.67	1018.59
	9	1018.75	1018.85	1018.86	1018.84	1018.85	1018.82	1018.75	1018.73	1018.70	1018.65	1018.59	1018.52	1018.74
	10	1018.48	1018.46	1018.46	1018.45	1018.42	1018.37	1018.33	1018.30	1018.30	1018.28	1018.22	1018.18	1018.35
	11	1018.14	1018.05	1017.93	1017.85	1017.81	1017.76	1017.69	1017.65	1017.59	1017.49	1017.42	1017.39	1017.73
	12	1017.35	1017.31	1017.27	1017.23	1017.19	1017.16	1017.14	1017.09	1017.09	1017.10	1017.09	1017.07	1017.17
	13	1017.00	1016.93	1016.93	1016.98	1017.00	1017.00	1016.98	1016.98	1017.01	1017.04	1017.11	1017.15	1017.01
	14	1017.15	1017.18	1017.23	1017.24	1017.24	1017.26	1017.27	1017.26	1017.28	1017.33	1017.35	1017.37	1017.26
	15	1017.40	1017.41	1017.41	1017.41	1017.42	1017.43	1017.45	1017.48	1017.52	1017.56	1017.60	1017.63	1017.47
	16	1017.64	1017.66	1017.66	1017.61	1017.54	1017.53	1017.58	1017.67	1017.81	1017.95	1018.05	1018.11	1017.73
	17	1018.17	1018.25	1018.33	1018.38	1018.46	1018.54	1018.61	1018.64	1018.64	1018.65	1018.69	1018.74	1018.51
	18	1018.77	1018.79	1018.78	1018.73	1018.68	1018.65	1018.65	1018.68	1018.75	1018.78	1018.83	1018.89	1018.75
	19	1018.91	1018.89	1018.88	1018.94	1018.98	1018.97	1018.93	1018.89	1018.90	1018.93	1018.94	1018.94	1018.92
	20	1018.98	1018.99	1018.94	1018.90	1018.90	1018.90	1018.90	1018.90	1018.89	1018.90	1018.91	1018.90	1018.92
	21	1018.84	1018.79	1018.78	1018.75	1018.67	1018.63	1018.62	1018.58	1018.55	1018.52	1018.47	1018.42	1018.63
	22	1018.42	1018.43	1018.44	1018.47	1018.50	1018.48	1018.42	1018.37	1018.35	1018.33	1018.33	1018.33	1018.40
	23	1018.30	1018.27	1018.29	1018.30	1018.29	1018.25	1018.24	1018.26	1018.26	1018.24	1018.21	1018.17	1018.25

S.V.I.R.CO. Observatory - Pressure in hectoPascal – October 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
9	0	1018.13	1018.13	1018.12	1018.11	1018.10	1018.12	1018.16	1018.15	1018.08	1018.05	1018.08	1018.09	1018.11
	1	1018.06	1018.05	1018.03	1017.98	1017.95	1017.93	1017.93	1017.92	1017.90	1017.87	1017.82	1017.76	1017.93
	2	1017.71	1017.68	1017.66	1017.65	1017.62	1017.56	1017.49	1017.48	1017.44	1017.43	1017.46	1017.47	1017.55
	3	1017.49	1017.52	1017.54	1017.54	1017.52	1017.50	1017.49	1017.49	1017.50	1017.50	1017.50	1017.52	1017.51
	4	1017.52	1017.50	1017.51	1017.50	1017.43	1017.40	1017.39	1017.38	1017.41	1017.40	1017.33	1017.24	1017.42
	5	1017.17	1017.11	1017.08	1017.03	1017.00	1016.99	1017.00	1017.01	1017.02	1017.09	1017.18	1017.25	1017.08
	6	1017.30	1017.35	1017.40	1017.40	1017.36	1017.33	1017.33	1017.37	1017.41	1017.44	1017.49	1017.52	1017.39
	7	1017.55	1017.58	1017.60	1017.61	1017.63	1017.65	1017.67	1017.71	1017.77	1017.82	1017.85	1017.87	1017.69
	8	1017.88	1017.90	1017.92	1017.97	1018.01	1018.01	1018.01	1017.99	1017.98	1017.99	1018.00	1018.00	1017.97
	9	1017.97	1017.97	1018.01	1018.04	1018.05	1018.03	1018.00	1017.98	1017.93	1017.84	1017.77	1017.71	1017.94
	10	1017.68	1017.68	1017.66	1017.63	1017.60	1017.58	1017.56	1017.52	1017.49	1017.45	1017.40	1017.35	1017.55
	11	1017.29	1017.25	1017.23	1017.21	1017.17	1017.07	1017.00	1016.95	1016.90	1016.86	1016.86	1016.83	1017.05
	12	1016.77	1016.74	1016.72	1016.66	1016.59	1016.57	1016.52	1016.48	1016.46	1016.40	1016.32	1016.24	1016.54
	13	1016.16	1016.10	1016.03	1016.01	1016.04	1016.03	1015.98	1015.97	1015.99	1015.98	1015.95	1015.95	1016.01
	14	1015.92	1015.87	1015.82	1015.79	1015.79	1015.80	1015.78	1015.74	1015.72	1015.70	1015.67	1015.61	1015.77
	15	1015.53	1015.47	1015.46	1015.46	1015.44	1015.44	1015.45	1015.48	1015.53	1015.55	1015.53	1015.51	1015.49
	16	1015.48	1015.52	1015.60	1015.62	1015.65	1015.72	1015.79	1015.81	1015.80	1015.78	1015.78	1015.80	1015.69
	17	1015.87	1015.96	1016.01	1016.03	1016.08	1016.09	1016.01	1015.95	1015.95	1015.97	1015.97	1015.94	1015.98
	18	1015.92	1015.94	1015.97	1015.98	1015.96	1015.92	1015.89	1015.89	1015.93	1016.01	1016.08	1016.09	1015.96
	19	1016.11	1016.17	1016.21	1016.23	1016.26	1016.29	1016.29	1016.25	1016.20	1016.19	1016.20	1016.24	1016.22
	20	1016.24	1016.21	1016.21	1016.24	1016.30	1016.40	1016.46	1016.48	1016.50	1016.52	1016.52	1016.54	1016.38
	21	1016.60	1016.63	1016.63	1016.58	1016.52	1016.51	1016.52	1016.51	1016.53	1016.58	1016.60	1016.56	1016.56
	22	1016.53	1016.51	1016.47	1016.46	1016.47	1016.48	1016.47	1016.44	1016.42	1016.39	1016.33	1016.34	1016.44
	23	1016.38	1016.36	1016.35	1016.38	1016.40	1016.45	1016.50	1016.49	1016.44	1016.43	1016.41	1016.39	1016.41
10	0	1016.36	1016.33	1016.30	1016.26	1016.19	1016.15	1016.11	1016.04	1015.94	1015.85	1015.80	1015.76	1016.08
	1	1015.71	1015.67	1015.65	1015.62	1015.58	1015.57	1015.54	1015.46	1015.41	1015.38	1015.29	1015.21	1015.51
	2	1015.22	1015.25	1015.23	1015.17	1015.10	1015.08	1015.06	1014.99	1014.96	1014.97	1014.97	1014.98	1015.08
	3	1014.98	1014.96	1014.98	1014.99	1014.98	1014.96	1014.93	1014.92	1014.90	1014.81	1014.73	1014.68	1014.90
	4	1014.65	1014.65	1014.63	1014.62	1014.56	1014.45	1014.40	1014.35	1014.26	1014.20	1014.21	1014.24	1014.43
	5	1014.20	1014.13	1014.09	1014.01	1013.94	1013.90	1013.86	1013.81	1013.75	1013.74	1013.76	1013.78	1013.91
	6	1013.85	1013.88	1013.87	1013.90	1013.96	1014.05	1014.09	1014.07	1014.07	1014.10	1014.08	1014.06	1014.00
	7	1014.03	1013.97	1013.89	1013.81	1013.80	1013.83	1013.82	1013.80	1013.74	1013.68	1013.64	1013.62	1013.80
	8	1013.58	1013.53	1013.52	1013.57	1013.63	1013.63	1013.62	1013.59	1013.52	1013.42	1013.36	1013.31	1013.52
	9	1013.25	1013.22	1013.21	1013.20	1013.18	1013.15	1013.13	1013.16	1013.20	1013.25	1013.29	1013.28	1013.21
	10	1013.25	1013.25	1013.21	1013.12	1013.07	1013.06	1013.04	1012.98	1012.91	1012.88	1012.80	1012.75	1013.02
	11	1012.77	1012.74	1012.70	1012.68	1012.61	1012.57	1012.52	1012.50	1012.50	1012.42	1012.33	1012.23	1012.55
	12	1012.10	1011.99	1011.89	1011.84	1011.76	1011.68	1011.60	1011.51	1011.43	1011.41	1011.38	1011.36	1011.66
	13	1011.41	1011.42	1011.39	1011.36	1011.28	1011.16	1011.09	1011.08	1011.07	1011.02	1010.98	1010.97	1011.18
	14	1010.94	1010.88	1010.79	1010.70	1010.65	1010.60	1010.53	1010.48	1010.42	1010.37	1010.32	1010.26	1010.58
	15	1010.23	1010.21	1010.20	1010.18	1010.15	1010.09	1010.05	1010.05	1010.06	1010.05	1010.03	1009.98	1010.10
	16	1009.96	1009.97	1009.97	1009.94	1009.91	1009.88	1009.86	1009.86	1009.84	1009.84	1009.83	1009.81	1009.89
	17	1009.79	1009.75	1009.66	1009.57	1009.54	1009.55	1009.61	1009.66	1009.65	1009.66	1009.63	1009.58	1009.63
	18	1009.54	1009.46	1009.38	1009.35	1009.30	1009.23	1009.23	1009.25	1009.27	1009.29	1009.26	1009.21	1009.31
	19	1009.19	1009.15	1009.12	1009.11	1009.12	1009.11	1009.07	1009.01	1008.95	1008.94	1008.98	1009.03	1009.06
	20	1009.08	1009.14	1009.18	1009.20	1009.20	1009.24	1009.30	1009.38	1009.43	1009.46	1009.50	1009.53	1009.30
	21	1009.53	1009.55	1009.56	1009.55	1009.55	1009.59	1009.59	1009.56	1009.59	1009.57	1009.48	1009.45	1009.54
	22	1009.45	1009.43	1009.42	1009.44	1009.48	1009.51	1009.54	1009.56	1009.55	1009.54	1009.55	1009.56	1009.50
	23	1009.53	1009.51	1009.51	1009.55	1009.59	1009.61	1009.63	1009.57	1009.52	1009.52	1009.56	1009.60	1009.56

S.V.I.R.CO. Observatory - Pressure in hectoPascal – October 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
11	0	1009.60	1009.57	1009.54	1009.51	1009.48	1009.54	1009.57	1009.53	1009.46	1009.43	1009.45	1009.47	1009.51
	1	1009.48	1009.50	1009.52	1009.49	1009.43	1009.39	1009.35	1009.35	1009.33	1009.24	1009.14	1009.10	1009.36
	2	1009.11	1009.12	1009.07	1008.99	1008.87	1008.84	1008.82	1008.72	1008.60	1008.55	1008.57	1008.58	1008.82
	3	1008.59	1008.62	1008.63	1008.60	1008.59	1008.61	1008.71	1008.85	1008.97	1009.14	1009.27	1009.31	1008.82
	4	1009.34	1009.33	1009.34	1009.45	1009.52	1009.56	1009.66	1009.71	1009.68	1009.64	1009.66	1009.74	1009.55
	5	1009.78	1009.80	1009.87	1009.94	1009.98	1010.03	1010.09	1010.12	1010.12	1010.12	1010.18	1010.29	1010.02
	6	1010.40	1010.48	1010.59	1010.69	1010.80	1010.92	1010.97	1010.98	1010.99	1011.06	1011.10	1011.08	1010.84
	7	1011.10	1011.12	1011.18	1011.25	1011.32	1011.41	1011.52	1011.61	1011.60	1011.55	1011.48	1011.47	1011.38
	8	1011.52	1011.55	1011.66	1011.77	1011.82	1011.81	1011.73	1011.68	1011.71	1011.76	1011.82	1011.92	1011.73
	9	1012.00	1012.08	1012.15	1012.11	1012.10	1012.17	1012.25	1012.33	1012.39	1012.40	1012.39	1012.45	1012.23
	10	1012.55	1012.63	1012.66	1012.68	1012.72	1012.72	1012.72	1012.73	1012.74	1012.78	1012.83	1012.83	1012.71
	11	1012.78	1012.72	1012.69	1012.67	1012.64	1012.68	1012.70	1012.73	1012.75	1012.71	1012.69	1012.67	1012.70
	12	1012.61	1012.60	1012.59	1012.54	1012.51	1012.46	1012.42	1012.37	1012.39	1012.48	1012.52	1012.48	1012.49
	13	1012.48	1012.52	1012.53	1012.57	1012.63	1012.69	1012.73	1012.75	1012.79	1012.84	1012.85	1012.87	1012.69
	14	1012.93	1012.96	1012.96	1012.99	1013.04	1013.09	1013.15	1013.14	1013.16	1013.24	1013.27	1013.30	1013.10
	15	1013.35	1013.36	1013.40	1013.43	1013.40	1013.44	1013.48	1013.50	1013.56	1013.58	1013.60	1013.63	1013.48
	16	1013.67	1013.75	1013.82	1013.89	1014.00	1014.09	1014.17	1014.24	1014.27	1014.30	1014.36	1014.42	1014.08
	17	1014.49	1014.54	1014.56	1014.60	1014.66	1014.71	1014.78	1014.85	1014.87	1014.93	1014.98	1014.99	1014.74
	18	1015.01	1015.08	1015.14	1015.18	1015.22	1015.22	1015.22	1015.24	1015.27	1015.26	1015.24	1015.25	1015.19
	19	1015.31	1015.37	1015.41	1015.44	1015.43	1015.44	1015.43	1015.50	1015.65	1015.73	1015.76	1015.75	1015.52
	20	1015.76	1015.80	1015.88	1015.98	1016.05	1016.03	1016.00	1016.00	1016.01	1016.03	1016.04	1016.04	1015.97
	21	1016.02	1015.98	1015.95	1015.90	1015.83	1015.77	1015.74	1015.71	1015.67	1015.65	1015.67	1015.64	1015.79
	22	1015.55	1015.48	1015.45	1015.47	1015.39	1015.32	1015.36	1015.44	1015.53	1015.53	1015.52	1015.58	1015.47
	23	1015.72	1015.79	1015.80	1015.78	1015.69	1015.62	1015.58	1015.55	1015.49	1015.43	1015.45	1015.46	1015.61
12	0	1015.37	1015.31	1015.22	1015.14	1015.02	1014.92	1014.81	1014.64	1014.54	1014.57	1014.58	1014.58	1014.87
	1	1014.58	1014.52	1014.44	1014.44	1014.51	1014.57	1014.60	1014.59	1014.58	1014.56	1014.60	1014.65	1014.55
	2	1014.65	1014.66	1014.66	1014.66	1014.71	1014.73	1014.68	1014.68	1014.67	1014.66	1014.66	1014.67	1014.67
	3	1014.72	1014.75	1014.80	1014.88	1014.89	1014.87	1014.88	1014.92	1015.00	1015.09	1015.10	1015.04	1014.91
	4	1015.01	1015.01	1014.93	1014.89	1014.95	1014.98	1014.98	1014.92	1014.83	1014.74	1014.59	1014.44	1014.85
	5	1014.33	1014.15	1014.02	1014.00	1014.00	1014.08	1014.15	1014.22	1014.21	1014.19	1014.22	1014.30	1014.15
	6	1014.40	1014.41	1014.40	1014.41	1014.40	1014.34	1014.29	1014.36	1014.46	1014.45	1014.42	1014.50	1014.40
	7	1014.65	1014.77	1014.83	1014.86	1014.93	1015.03	1015.14	1015.21	1015.24	1015.28	1015.36	1015.40	1015.06
	8	1015.48	1015.66	1015.74	1015.73	1015.74	1015.81	1015.88	1015.91	1015.96	1015.98	1016.02	1016.07	1015.83
	9	1016.14	1016.27	1016.40	1016.40	1016.34	1016.32	1016.34	1016.37	1016.40	1016.41	1016.47	1016.55	1016.36
	10	1016.59	1016.61	1016.61	1016.63	1016.66	1016.66	1016.66	1016.69	1016.72	1016.74	1016.77	1016.83	1016.68
	11	1016.91	1016.95	1016.96	1016.93	1016.90	1016.91	1016.94	1016.98	1016.98	1016.97	1016.97	1016.98	1016.95
	12	1016.98	1016.98	1016.99	1016.99	1017.01	1017.07	1017.11	1017.13	1017.12	1017.13	1017.14	1017.13	1017.06
	13	1017.10	1017.06	1017.11	1017.13	1017.08	1017.05	1017.06	1017.07	1017.07	1017.11	1017.17	1017.21	1017.10
	14	1017.25	1017.31	1017.39	1017.43	1017.43	1017.41	1017.45	1017.53	1017.54	1017.53	1017.57	1017.60	1017.45
	15	1017.65	1017.69	1017.70	1017.72	1017.73	1017.75	1017.76	1017.76	1017.75	1017.77	1017.86	1017.95	1017.76
	16	1017.96	1017.97	1018.02	1018.07	1018.12	1018.18	1018.23	1018.29	1018.34	1018.39	1018.48	1018.58	1018.22
	17	1018.66	1018.74	1018.82	1018.89	1018.96	1019.00	1019.01	1019.03	1019.07	1019.09	1019.11	1019.15	1018.96
	18	1019.17	1019.18	1019.20	1019.24	1019.28	1019.31	1019.31	1019.29	1019.30	1019.33	1019.37	1019.41	1019.28
	19	1019.43	1019.47	1019.50	1019.51	1019.55	1019.63	1019.69	1019.71	1019.73	1019.77	1019.81	1019.83	1019.63
	20	1019.84	1019.84	1019.82	1019.79	1019.76	1019.75	1019.73	1019.70	1019.69	1019.71	1019.73	1019.74	1019.76
	21	1019.75	1019.75	1019.75	1019.75	1019.74	1019.76	1019.77	1019.77	1019.76	1019.72	1019.71	1019.72	1019.74
	22	1019.71	1019.69	1019.70	1019.71	1019.69	1019.64	1019.60	1019.58	1019.58	1019.59	1019.59	1019.57	1019.64
	23	1019.59	1019.62	1019.61	1019.60	1019.56	1019.56	1019.59	1019.61	1019.64	1019.67	1019.70	1019.75	1019.62

S.V.I.R.CO. Observatory - Pressure in hectoPascal – October 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
13	0	1019.73	1019.73	1019.68	1019.58	1019.54	1019.55	1019.54	1019.54	1019.54	1019.52	1019.49	1019.46	1019.56
	1	1019.45	1019.44	1019.39	1019.36	1019.37	1019.32	1019.30	1019.34	1019.31	1019.26	1019.27	1019.27	1019.34
	2	1019.25	1019.25	1019.26	1019.27	1019.28	1019.28	1019.28	1019.28	1019.28	1019.27	1019.25	1019.23	1019.26
	3	1019.21	1019.21	1019.21	1019.19	1019.14	1019.09	1019.10	1019.16	1019.21	1019.25	1019.30	1019.32	1019.20
	4	1019.30	1019.28	1019.26	1019.25	1019.25	1019.24	1019.23	1019.21	1019.18	1019.15	1019.13	1019.13	1019.21
	5	1019.17	1019.23	1019.25	1019.21	1019.21	1019.24	1019.26	1019.31	1019.40	1019.47	1019.51	1019.54	1019.32
	6	1019.56	1019.60	1019.63	1019.67	1019.73	1019.79	1019.82	1019.85	1019.88	1019.90	1019.94	1019.98	1019.78
	7	1020.01	1020.04	1020.06	1020.09	1020.13	1020.19	1020.23	1020.26	1020.30	1020.33	1020.34	1020.38	1020.19
	8	1020.41	1020.42	1020.42	1020.42	1020.42	1020.45	1020.43	1020.39	1020.39	1020.41	1020.42	1020.40	1020.41
	9	1020.34	1020.30	1020.27	1020.23	1020.20	1020.20	1020.22	1020.22	1020.18	1020.12	1020.08	1020.08	1020.20
	10	1020.09	1020.08	1020.05	1020.04	1020.04	1019.98	1019.89	1019.82	1019.77	1019.73	1019.69	1019.65	1019.90
	11	1019.56	1019.45	1019.40	1019.36	1019.31	1019.28	1019.26	1019.24	1019.21	1019.18	1019.15	1019.14	1019.29
	12	1019.13	1019.10	1019.10	1019.04	1018.98	1018.93	1018.87	1018.88	1018.92	1018.91	1018.91	1018.89	1018.97
	13	1018.82	1018.81	1018.83	1018.80	1018.75	1018.70	1018.65	1018.63	1018.60	1018.56	1018.55	1018.53	1018.68
	14	1018.50	1018.49	1018.48	1018.47	1018.48	1018.51	1018.52	1018.50	1018.51	1018.53	1018.53	1018.51	1018.50
	15	1018.48	1018.46	1018.46	1018.46	1018.49	1018.56	1018.60	1018.64	1018.70	1018.77	1018.80	1018.81	1018.60
	16	1018.82	1018.85	1018.91	1018.97	1019.02	1019.05	1019.06	1019.08	1019.12	1019.13	1019.14	1019.16	1019.02
	17	1019.17	1019.21	1019.27	1019.32	1019.36	1019.40	1019.38	1019.38	1019.38	1019.35	1019.34	1019.33	1019.32
	18	1019.31	1019.30	1019.34	1019.36	1019.36	1019.37	1019.38	1019.39	1019.36	1019.35	1019.39	1019.41	1019.36
	19	1019.43	1019.47	1019.46	1019.45	1019.46	1019.49	1019.57	1019.65	1019.70	1019.74	1019.76	1019.75	1019.58
	20	1019.74	1019.70	1019.69	1019.74	1019.74	1019.75	1019.75	1019.76	1019.81	1019.82	1019.82	1019.81	1019.76
	21	1019.80	1019.82	1019.84	1019.85	1019.85	1019.83	1019.80	1019.77	1019.78	1019.80	1019.78	1019.75	1019.80
	22	1019.73	1019.69	1019.68	1019.69	1019.71	1019.70	1019.67	1019.66	1019.65	1019.63	1019.61	1019.60	1019.67
	23	1019.55	1019.54	1019.56	1019.57	1019.60	1019.61	1019.58	1019.56	1019.55	1019.56	1019.58	1019.58	1019.57
14	0	1019.56	1019.53	1019.50	1019.48	1019.42	1019.33	1019.28	1019.22	1019.18	1019.17	1019.18	1019.20	1019.33
	1	1019.18	1019.14	1019.13	1019.12	1019.04	1018.98	1018.97	1018.96	1018.95	1018.92	1018.87	1018.84	1019.01
	2	1018.82	1018.80	1018.79	1018.76	1018.72	1018.74	1018.76	1018.78	1018.82	1018.81	1018.81	1018.83	1018.79
	3	1018.86	1018.85	1018.85	1018.88	1018.93	1018.93	1018.91	1018.91	1018.92	1018.91	1018.88	1018.86	1018.89
	4	1018.88	1018.92	1018.95	1019.00	1019.04	1019.07	1019.07	1019.06	1019.07	1019.11	1019.14	1019.17	1019.04
	5	1019.23	1019.27	1019.28	1019.30	1019.32	1019.32	1019.35	1019.38	1019.39	1019.44	1019.55	1019.62	1019.37
	6	1019.60	1019.57	1019.57	1019.56	1019.55	1019.55	1019.56	1019.63	1019.70	1019.72	1019.73	1019.72	1019.62
	7	1019.74	1019.82	1019.85	1019.82	1019.83	1019.85	1019.87	1019.88	1019.85	1019.83	1019.80	1019.77	1019.82
	8	1019.78	1019.81	1019.81	1019.82	1019.83	1019.81	1019.76	1019.73	1019.72	1019.69	1019.67	1019.66	1019.76
	9	1019.63	1019.61	1019.61	1019.56	1019.50	1019.47	1019.42	1019.37	1019.34	1019.31	1019.29	1019.26	1019.45
	10	1019.23	1019.22	1019.22	1019.18	1019.15	1019.10	1019.03	1018.97	1018.92	1018.86	1018.81	1018.74	1019.03
	11	1018.68	1018.61	1018.56	1018.53	1018.49	1018.43	1018.36	1018.30	1018.26	1018.24	1018.20	1018.14	1018.40
	12	1018.10	1018.07	1018.08	1018.05	1017.98	1017.95	1017.95	1017.92	1017.86	1017.84	1017.81	1017.78	1017.95
	13	1017.77	1017.78	1017.77	1017.78	1017.78	1017.75	1017.71	1017.69	1017.65	1017.62	1017.61	1017.62	1017.71
	14	1017.64	1017.66	1017.66	1017.65	1017.66	1017.70	1017.72	1017.73	1017.74	1017.75	1017.75	1017.74	1017.70
	15	1017.74	1017.73	1017.71	1017.69	1017.68	1017.66	1017.68	1017.71	1017.71	1017.72	1017.72	1017.72	1017.70
	16	1017.72	1017.71	1017.75	1017.79	1017.76	1017.68	1017.63	1017.67	1017.74	1017.82	1017.90	1017.98	1017.76
	17	1018.06	1018.10	1018.15	1018.19	1018.24	1018.32	1018.36	1018.35	1018.36	1018.36	1018.39	1018.45	1018.27
	18	1018.53	1018.57	1018.53	1018.54	1018.62	1018.68	1018.71	1018.73	1018.71	1018.66	1018.65	1018.71	1018.63
	19	1018.79	1018.81	1018.86	1018.91	1018.89	1018.90	1018.95	1018.98	1019.01	1019.08	1019.11	1019.10	1018.95
	20	1019.10	1019.14	1019.17	1019.18	1019.17	1019.17	1019.16	1019.21	1019.25	1019.19	1019.14	1019.17	1019.17
	21	1019.21	1019.20	1019.14	1019.08	1019.04	1019.02	1019.01	1019.00	1018.97	1018.93	1018.89	1018.88	1019.03
	22	1018.87	1018.86	1018.84	1018.82	1018.79	1018.79	1018.80	1018.79	1018.78	1018.77	1018.77	1018.75	1018.80
	23	1018.74	1018.75	1018.76	1018.81	1018.82	1018.80	1018.79	1018.78	1018.83	1018.87	1018.85	1018.84	1018.80

S.V.I.R.CO. Observatory - Pressure in hectoPascal – October 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
15	0	1018.86	1018.84	1018.86	1018.88	1018.85	1018.84	1018.81	1018.78	1018.74	1018.66	1018.60	1018.54	1018.76
	1	1018.47	1018.40	1018.37	1018.32	1018.22	1018.15	1018.12	1018.09	1018.06	1018.02	1017.99	1017.96	1018.18
	2	1017.92	1017.87	1017.83	1017.76	1017.68	1017.65	1017.65	1017.66	1017.67	1017.71	1017.74	1017.74	1017.74
	3	1017.74	1017.76	1017.76	1017.80	1017.84	1017.87	1017.89	1017.92	1017.91	1017.90	1017.91	1017.91	1017.85
	4	1017.88	1017.85	1017.83	1017.83	1017.81	1017.76	1017.72	1017.69	1017.66	1017.62	1017.63	1017.63	1017.74
	5	1017.61	1017.62	1017.60	1017.56	1017.55	1017.54	1017.50	1017.47	1017.46	1017.42	1017.37	1017.34	1017.50
	6	1017.33	1017.35	1017.37	1017.37	1017.40	1017.44	1017.46	1017.49	1017.54	1017.50	1017.47	1017.51	1017.43
	7	1017.58	1017.66	1017.74	1017.78	1017.78	1017.79	1017.88	1017.97	1018.06	1018.16	1018.20	1018.20	1017.90
	8	1018.25	1018.31	1018.31	1018.24	1018.20	1018.20	1018.17	1018.17	1018.17	1018.12	1018.10	1018.08	1018.19
	9	1018.04	1017.98	1017.92	1017.92	1017.93	1017.89	1017.85	1017.80	1017.74	1017.65	1017.57	1017.55	1017.82
	10	1017.56	1017.56	1017.52	1017.45	1017.35	1017.26	1017.19	1017.14	1017.12	1017.08	1016.99	1016.90	1017.26
	11	1016.82	1016.74	1016.69	1016.63	1016.53	1016.45	1016.41	1016.38	1016.37	1016.36	1016.29	1016.22	1016.49
	12	1016.16	1016.07	1016.00	1015.95	1015.93	1015.91	1015.83	1015.74	1015.72	1015.82	1015.86	1015.83	1015.90
	13	1015.74	1015.61	1015.53	1015.47	1015.40	1015.30	1015.24	1015.16	1015.12	1015.12	1015.10	1015.18	1015.33
	14	1015.21	1015.16	1015.11	1015.06	1015.01	1014.95	1014.91	1014.89	1014.90	1014.86	1014.79	1014.73	1014.96
	15	1014.69	1014.61	1014.49	1014.34	1014.27	1014.27	1014.22	1014.15	1014.07	1014.04	1014.07	1014.08	1014.27
	16	1014.08	1014.11	1014.05	1014.05	1014.10	1014.07	1014.04	1013.99	1013.97	1014.04	1014.12	1014.14	1014.06
	17	1014.15	1014.19	1014.23	1014.28	1014.31	1014.36	1014.39	1014.35	1014.28	1014.26	1014.25	1014.22	1014.27
	18	1014.21	1014.17	1014.12	1014.13	1014.17	1014.16	1014.11	1014.05	1014.03	1014.03	1014.04	1014.05	1014.10
	19	1014.09	1014.10	1014.08	1014.05	1013.97	1013.91	1013.86	1013.76	1013.64	1013.61	1013.68	1013.71	1013.87
	20	1013.68	1013.64	1013.60	1013.55	1013.52	1013.51	1013.46	1013.39	1013.35	1013.33	1013.29	1013.25	1013.46
	21	1013.24	1013.17	1013.09	1013.06	1012.97	1012.84	1012.71	1012.56	1012.39	1012.28	1012.31	1012.29	1012.74
	22	1012.15	1011.97	1012.02	1012.14	1012.12	1012.12	1012.03	1011.92	1011.88	1011.84	1011.83	1011.85	1011.99
	23	1011.77	1011.63	1011.47	1011.27	1011.12	1011.17	1011.27	1011.30	1011.26	1011.14	1011.07	1011.07	1011.29
16	0	1010.95	1010.89	1010.75	1010.66	1010.65	1010.61	1010.53	1010.46	1010.38	1010.27	1010.18	1010.10	1010.52
	1	1009.95	1009.78	1009.65	1009.59	1009.49	1009.35	1009.26	1009.17	1009.07	1008.95	1008.89	1008.89	1009.34
	2	1008.73	1008.47	1008.24	1008.22	1008.33	1008.35	1008.32	1008.26	1008.20	1008.17	1008.12	1008.00	1008.28
	3	1007.91	1007.88	1007.83	1007.78	1007.74	1007.70	1007.64	1007.56	1007.51	1007.45	1007.43	1007.43	1007.65
	4	1007.39	1007.32	1007.22	1007.11	1007.03	1006.98	1006.96	1006.89	1006.80	1006.77	1006.74	1006.70	1006.99
	5	1006.72	1006.72	1006.65	1006.59	1006.54	1006.48	1006.44	1006.47	1006.48	1006.45	1006.47	1006.47	1006.54
	6	1006.45	1006.42	1006.39	1006.37	1006.36	1006.34	1006.32	1006.34	1006.28	1006.20	1006.18	1006.20	1006.32
	7	1006.22	1006.24	1006.29	1006.34	1006.38	1006.41	1006.50	1006.55	1006.51	1006.47	1006.45	1006.40	1006.39
	8	1006.36	1006.36	1006.40	1006.40	1006.41	1006.42	1006.40	1006.42	1006.46	1006.41	1006.37	1006.38	1006.40
	9	1006.36	1006.35	1006.34	1006.37	1006.42	1006.42	1006.40	1006.40	1006.45	1006.49	1006.44	1006.39	1006.40
	10	1006.36	1006.34	1006.35	1006.35	1006.29	1006.27	1006.29	1006.32	1006.29	1006.23	1006.22	1006.25	1006.29
	11	1006.21	1006.13	1006.11	1006.12	1006.12	1006.06	1005.98	1005.95	1005.97	1005.99	1006.02	1006.05	1006.06
	12	1006.02	1005.96	1005.91	1005.89	1005.90	1005.88	1005.85	1005.87	1005.92	1005.96	1005.95	1005.93	1005.92
	13	1005.91	1005.94	1005.97	1006.01	1006.06	1006.04	1006.01	1005.99	1005.98	1005.96	1005.94	1005.92	1005.98
	14	1005.86	1005.82	1005.83	1005.84	1005.81	1005.80	1005.80	1005.80	1005.85	1005.90	1005.93	1005.95	1005.85
	15	1005.97	1006.00	1006.01	1006.05	1006.08	1006.07	1006.07	1006.09	1006.12	1006.20	1006.27	1006.32	1006.10
	16	1006.40	1006.46	1006.47	1006.46	1006.49	1006.56	1006.63	1006.72	1006.82	1006.89	1006.95	1007.04	1006.66
	17	1007.14	1007.26	1007.43	1007.65	1007.82	1007.83	1007.85	1007.95	1008.11	1008.30	1008.39	1008.46	1007.85
	18	1008.55	1008.57	1008.55	1008.58	1008.65	1008.72	1008.82	1008.95	1009.05	1009.10	1009.15	1009.20	1008.82
	19	1009.23	1009.25	1009.27	1009.31	1009.36	1009.36	1009.35	1009.34	1009.34	1009.36	1009.37	1009.37	1009.32
	20	1009.38	1009.40	1009.37	1009.38	1009.48	1009.67	1009.81	1009.84	1009.85	1009.90	1009.97	1010.03	1009.67
	21	1010.06	1010.08	1010.09	1010.09	1010.11	1010.15	1010.18	1010.20	1010.23	1010.25	1010.27	1010.33	1010.17
	22	1010.40	1010.51	1010.56	1010.52	1010.52	1010.57	1010.63	1010.67	1010.69	1010.72	1010.74	1010.77	1010.61
	23	1010.79	1010.81	1010.82	1010.80	1010.80	1010.80	1010.86	1010.96	1011.02	1011.05	1011.11	1011.18	1010.91



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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	1011.17	1011.15	1011.13	1011.23	1011.36	1011.43	1011.43	1011.39	1011.37	1011.37	1011.35	1011.36	1011.32
	1	1011.37	1011.34	1011.33	1011.36	1011.42	1011.44	1011.40	1011.36	1011.34	1011.30	1011.25	1011.23	1011.34
	2	1011.26	1011.30	1011.33	1011.37	1011.37	1011.34	1011.40	1011.46	1011.46	1011.47	1011.50	1011.55	1011.40
	3	1011.60	1011.65	1011.69	1011.70	1011.70	1011.73	1011.73	1011.75	1011.82	1011.86	1011.90	1011.96	1011.75
	4	1012.01	1012.04	1012.08	1012.13	1012.13	1012.12	1012.09	1012.05	1012.08	1012.15	1012.21	1012.26	1012.11
	5	1012.32	1012.38	1012.43	1012.45	1012.48	1012.51	1012.57	1012.67	1012.74	1012.81	1012.88	1012.88	1012.59
	6	1012.84	1012.85	1012.94	1013.01	1013.00	1012.98	1012.95	1012.93	1012.95	1012.99	1013.06	1013.12	1012.97
	7	1013.18	1013.24	1013.32	1013.42	1013.41	1013.40	1013.45	1013.50	1013.56	1013.59	1013.62	1013.65	1013.44
	8	1013.67	1013.72	1013.77	1013.78	1013.77	1013.78	1013.82	1013.85	1013.84	1013.79	1013.77	1013.77	1013.77
	9	1013.76	1013.76	1013.75	1013.71	1013.68	1013.66	1013.67	1013.70	1013.70	1013.70	1013.74	1013.80	1013.72
	10	1013.85	1013.87	1013.90	1013.89	1013.86	1013.83	1013.78	1013.73	1013.69	1013.62	1013.54	1013.48	1013.75
	11	1013.46	1013.46	1013.46	1013.42	1013.36	1013.31	1013.23	1013.15	1013.10	1013.04	1013.02	1013.05	1013.25
	12	1013.08	1013.07	1013.01	1012.96	1012.98	1013.03	1013.06	1013.09	1013.15	1013.19	1013.20	1013.23	1013.08
	13	1013.21	1013.18	1013.17	1013.14	1013.11	1013.10	1013.12	1013.14	1013.17	1013.25	1013.30	1013.28	1013.18
	14	1013.27	1013.28	1013.30	1013.31	1013.32	1013.32	1013.31	1013.28	1013.25	1013.24	1013.22	1013.20	1013.27
	15	1013.17	1013.15	1013.15	1013.21	1013.33	1013.42	1013.47	1013.51	1013.54	1013.59	1013.62	1013.60	1013.39
	16	1013.60	1013.61	1013.66	1013.73	1013.81	1013.85	1013.86	1013.90	1013.92	1013.92	1013.95	1013.98	1013.81
	17	1014.00	1014.08	1014.18	1014.26	1014.31	1014.38	1014.45	1014.50	1014.55	1014.53	1014.53	1014.57	1014.36
	18	1014.58	1014.56	1014.55	1014.55	1014.53	1014.50	1014.54	1014.61	1014.64	1014.60	1014.59	1014.68	1014.58
	19	1014.75	1014.77	1014.80	1014.81	1014.82	1014.84	1014.87	1014.89	1014.87	1014.90	1014.98	1015.02	1014.86
	20	1015.02	1015.03	1015.06	1015.11	1015.15	1015.17	1015.18	1015.17	1015.14	1015.13	1015.12	1015.10	1015.11
	21	1015.08	1015.09	1015.13	1015.19	1015.24	1015.27	1015.30	1015.30	1015.25	1015.20	1015.22	1015.27	1015.21
	22	1015.28	1015.26	1015.23	1015.22	1015.20	1015.19	1015.17	1015.16	1015.19	1015.17	1015.19	1015.27	1015.21
	23	1015.31	1015.31	1015.32	1015.34	1015.34	1015.34	1015.36	1015.42	1015.47	1015.51	1015.53	1015.57	1015.40
18	0	1015.58	1015.60	1015.62	1015.61	1015.54	1015.50	1015.49	1015.48	1015.46	1015.41	1015.40	1015.41	1015.50
	1	1015.38	1015.38	1015.41	1015.39	1015.35	1015.33	1015.33	1015.32	1015.28	1015.27	1015.29	1015.30	1015.33
	2	1015.30	1015.29	1015.30	1015.31	1015.30	1015.28	1015.30	1015.34	1015.34	1015.33	1015.37	1015.42	1015.32
	3	1015.46	1015.46	1015.46	1015.49	1015.54	1015.59	1015.63	1015.68	1015.67	1015.66	1015.66	1015.62	1015.57
	4	1015.56	1015.52	1015.54	1015.51	1015.52	1015.54	1015.51	1015.54	1015.54	1015.51	1015.52	1015.55	1015.53
	5	1015.58	1015.57	1015.58	1015.63	1015.68	1015.73	1015.77	1015.82	1015.85	1015.88	1015.92	1015.95	1015.74
	6	1016.00	1016.02	1016.05	1016.08	1016.12	1016.16	1016.20	1016.25	1016.26	1016.26	1016.30	1016.34	1016.17
	7	1016.40	1016.45	1016.49	1016.51	1016.49	1016.47	1016.44	1016.41	1016.43	1016.45	1016.45	1016.47	1016.45
	8	1016.49	1016.53	1016.58	1016.59	1016.63	1016.64	1016.64	1016.70	1016.72	1016.71	1016.74	1016.76	1016.64
	9	1016.78	1016.79	1016.77	1016.76	1016.75	1016.73	1016.72	1016.74	1016.77	1016.80	1016.80	1016.76	1016.76
	10	1016.72	1016.68	1016.65	1016.64	1016.61	1016.56	1016.50	1016.44	1016.36	1016.29	1016.23	1016.18	1016.49
	11	1016.15	1016.08	1016.00	1015.96	1015.96	1015.93	1015.88	1015.83	1015.80	1015.77	1015.76	1015.77	1015.90
	12	1015.78	1015.78	1015.78	1015.77	1015.76	1015.75	1015.73	1015.72	1015.74	1015.74	1015.73	1015.75	1015.75
	13	1015.77	1015.77	1015.75	1015.75	1015.72	1015.69	1015.68	1015.65	1015.62	1015.61	1015.60	1015.61	1015.68
	14	1015.61	1015.61	1015.61	1015.62	1015.64	1015.63	1015.63	1015.62	1015.61	1015.62	1015.65	1015.68	1015.63
	15	1015.69	1015.71	1015.76	1015.81	1015.87	1015.92	1015.96	1016.01	1016.06	1016.09	1016.12	1016.14	1015.93
	16	1016.14	1016.16	1016.21	1016.25	1016.29	1016.31	1016.33	1016.37	1016.41	1016.44	1016.47	1016.52	1016.32
	17	1016.57	1016.60	1016.63	1016.68	1016.76	1016.84	1016.90	1016.95	1016.98	1017.00	1017.01	1017.00	1016.82
	18	1017.00	1017.01	1017.03	1017.01	1017.01	1017.03	1017.03	1017.04	1017.08	1017.14	1017.22	1017.28	1017.07
	19	1017.35	1017.45	1017.51	1017.55	1017.61	1017.64	1017.66	1017.70	1017.76	1017.83	1017.89	1017.94	1017.66
	20	1017.98	1018.00	1018.00	1018.02	1018.06	1018.09	1018.12	1018.13	1018.13	1018.15	1018.18	1018.20	1018.09
	21	1018.20	1018.20	1018.26	1018.25	1018.20	1018.23	1018.28	1018.35	1018.38	1018.39	1018.40	1018.39	1018.29
	22	1018.40	1018.43	1018.42	1018.41	1018.40	1018.35	1018.30	1018.28	1018.28	1018.34	1018.41	1018.46	1018.37
	23	1018.50	1018.54	1018.56	1018.56	1018.53	1018.48	1018.48	1018.52	1018.56	1018.56	1018.55	1018.53	1018.53

S.V.I.R.CO. Observatory - Pressure in hectoPascal – October 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	1018.46	1018.44	1018.42	1018.40	1018.41	1018.44	1018.47	1018.53	1018.56	1018.53	1018.46	1018.42	1018.46
	1	1018.38	1018.33	1018.31	1018.33	1018.34	1018.33	1018.31	1018.29	1018.27	1018.29	1018.30	1018.30	1018.31
	2	1018.30	1018.32	1018.34	1018.36	1018.37	1018.38	1018.41	1018.45	1018.52	1018.58	1018.63	1018.67	1018.44
	3	1018.71	1018.77	1018.82	1018.82	1018.81	1018.83	1018.85	1018.86	1018.86	1018.87	1018.93	1018.96	1018.84
	4	1018.97	1019.00	1019.02	1019.03	1019.05	1019.07	1019.05	1019.02	1018.99	1019.00	1019.02	1019.01	1019.02
	5	1019.02	1019.07	1019.15	1019.22	1019.28	1019.33	1019.38	1019.46	1019.51	1019.55	1019.61	1019.68	1019.35
	6	1019.75	1019.82	1019.90	1019.95	1019.95	1019.97	1020.02	1020.08	1020.17	1020.24	1020.29	1020.36	1020.04
	7	1020.42	1020.45	1020.49	1020.53	1020.54	1020.58	1020.66	1020.72	1020.74	1020.77	1020.81	1020.82	1020.63
	8	1020.83	1020.86	1020.92	1020.97	1020.97	1020.98	1021.02	1021.10	1021.17	1021.19	1021.21	1021.24	1021.04
	9	1021.26	1021.27	1021.31	1021.36	1021.39	1021.36	1021.30	1021.31	1021.31	1021.29	1021.27	1021.27	1021.31
	10	1021.27	1021.27	1021.30	1021.32	1021.32	1021.32	1021.32	1021.29	1021.25	1021.22	1021.20	1021.16	1021.27
	11	1021.11	1021.08	1021.06	1021.03	1021.02	1021.04	1021.02	1021.00	1020.97	1020.92	1020.89	1020.91	1021.00
	12	1020.89	1020.84	1020.80	1020.77	1020.74	1020.70	1020.67	1020.65	1020.64	1020.61	1020.61	1020.66	1020.71
	13	1020.69	1020.70	1020.71	1020.72	1020.71	1020.70	1020.70	1020.70	1020.69	1020.65	1020.62	1020.61	1020.68
	14	1020.58	1020.57	1020.61	1020.61	1020.59	1020.61	1020.64	1020.68	1020.68	1020.68	1020.70	1020.73	1020.64
	15	1020.74	1020.76	1020.80	1020.86	1020.93	1020.97	1020.98	1020.98	1020.99	1021.03	1021.07	1021.11	1020.93
	16	1021.16	1021.21	1021.26	1021.30	1021.34	1021.34	1021.34	1021.40	1021.46	1021.53	1021.61	1021.67	1021.38
	17	1021.73	1021.80	1021.83	1021.86	1021.89	1021.93	1021.98	1022.01	1022.03	1022.08	1022.12	1022.14	1021.95
	18	1022.16	1022.20	1022.23	1022.21	1022.18	1022.19	1022.25	1022.34	1022.39	1022.42	1022.47	1022.55	1022.30
	19	1022.60	1022.62	1022.65	1022.69	1022.71	1022.70	1022.68	1022.71	1022.78	1022.83	1022.83	1022.86	1022.72
	20	1022.92	1022.99	1023.04	1023.05	1023.04	1023.06	1023.07	1023.06	1023.05	1023.08	1023.13	1023.17	1023.05
	21	1023.16	1023.16	1023.19	1023.20	1023.18	1023.16	1023.17	1023.20	1023.19	1023.17	1023.20	1023.21	1023.18
	22	1023.17	1023.14	1023.17	1023.25	1023.31	1023.31	1023.31	1023.33	1023.33	1023.31	1023.32	1023.30	1023.27
	23	1023.28	1023.27	1023.25	1023.23	1023.23	1023.22	1023.21	1023.22	1023.21	1023.22	1023.21	1023.20	1023.23
20	0	1023.18	1023.19	1023.19	1023.19	1023.17	1023.15	1023.14	1023.09	1023.08	1023.10	1023.09	1023.04	1023.13
	1	1023.03	1023.07	1023.10	1023.12	1023.09	1023.06	1023.04	1023.03	1023.03	1023.03	1023.02	1023.01	1023.05
	2	1023.00	1022.99	1022.96	1022.96	1022.99	1022.99	1022.96	1022.96	1022.98	1023.01	1023.00	1022.98	1022.98
	3	1023.01	1023.04	1023.02	1023.01	1022.98	1022.94	1022.92	1022.90	1022.91	1022.93	1022.92	1022.90	1022.96
	4	1022.92	1022.95	1022.96	1022.97	1022.95	1022.93	1022.96	1022.99	1022.99	1022.98	1022.99	1023.02	1022.97
	5	1023.02	1023.03	1023.05	1023.09	1023.13	1023.16	1023.19	1023.24	1023.34	1023.40	1023.39	1023.42	1023.20
	6	1023.48	1023.54	1023.61	1023.66	1023.69	1023.76	1023.84	1023.90	1023.93	1023.94	1023.97	1024.01	1023.78
	7	1024.05	1024.07	1024.06	1024.05	1024.08	1024.14	1024.17	1024.20	1024.24	1024.26	1024.25	1024.30	1024.15
	8	1024.35	1024.36	1024.39	1024.44	1024.47	1024.48	1024.51	1024.55	1024.58	1024.61	1024.63	1024.64	1024.50
	9	1024.65	1024.65	1024.65	1024.68	1024.71	1024.74	1024.76	1024.78	1024.81	1024.83	1024.83	1024.82	1024.74
	10	1024.80	1024.76	1024.71	1024.66	1024.61	1024.57	1024.52	1024.47	1024.41	1024.35	1024.30	1024.23	1024.53
	11	1024.14	1024.07	1024.02	1023.96	1023.93	1023.90	1023.84	1023.79	1023.75	1023.68	1023.63	1023.58	1023.86
	12	1023.52	1023.46	1023.41	1023.36	1023.31	1023.26	1023.21	1023.16	1023.13	1023.11	1023.08	1023.04	1023.25
	13	1023.00	1022.95	1022.91	1022.89	1022.86	1022.84	1022.82	1022.80	1022.76	1022.73	1022.71	1022.70	1022.83
	14	1022.70	1022.68	1022.67	1022.69	1022.69	1022.64	1022.61	1022.64	1022.68	1022.70	1022.70	1022.69	1022.67
	15	1022.69	1022.69	1022.68	1022.72	1022.75	1022.75	1022.75	1022.73	1022.70	1022.71	1022.75	1022.80	1022.72
	16	1022.84	1022.88	1022.94	1023.00	1023.06	1023.09	1023.10	1023.10	1023.12	1023.17	1023.20	1023.23	1023.06
	17	1023.25	1023.27	1023.33	1023.39	1023.42	1023.42	1023.41	1023.43	1023.45	1023.45	1023.43	1023.43	1023.39
	18	1023.43	1023.43	1023.45	1023.46	1023.50	1023.56	1023.61	1023.65	1023.67	1023.67	1023.69	1023.72	1023.57
	19	1023.79	1023.83	1023.83	1023.82	1023.79	1023.72	1023.68	1023.70	1023.70	1023.69	1023.68	1023.70	1023.74
	20	1023.75	1023.78	1023.81	1023.84	1023.87	1023.86	1023.87	1023.88	1023.90	1023.93	1023.93	1023.92	1023.86
	21	1023.90	1023.85	1023.76	1023.68	1023.70	1023.69	1023.62	1023.55	1023.46	1023.40	1023.36	1023.30	1023.60
	22	1023.27	1023.30	1023.30	1023.27	1023.26	1023.26	1023.24	1023.20	1023.17	1023.16	1023.16	1023.19	1023.23
	23	1023.22	1023.22	1023.19	1023.17	1023.14	1023.11	1023.06	1023.04	1023.03	1022.97	1022.95	1022.96	1023.09

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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
21	0	1022.91	1022.90	1022.88	1022.84	1022.76	1022.72	1022.69	1022.64	1022.60	1022.57	1022.53	1022.46	1022.70
	1	1022.42	1022.38	1022.34	1022.29	1022.25	1022.27	1022.30	1022.30	1022.27	1022.24	1022.23	1022.24	1022.29
	2	1022.23	1022.15	1022.07	1022.05	1022.01	1021.97	1021.96	1021.97	1021.96	1021.95	1021.95	1021.95	1022.02
	3	1021.96	1022.00	1022.05	1022.06	1022.03	1022.03	1022.03	1022.02	1022.02	1022.04	1022.08	1022.12	1022.04
	4	1022.11	1022.09	1022.06	1022.02	1021.98	1021.94	1021.92	1021.88	1021.83	1021.83	1021.85	1021.84	1021.94
	5	1021.84	1021.90	1022.02	1022.11	1022.16	1022.23	1022.30	1022.35	1022.43	1022.53	1022.63	1022.69	1022.26
	6	1022.76	1022.83	1022.88	1022.95	1023.04	1023.14	1023.21	1023.23	1023.23	1023.23	1023.22	1023.22	1023.07
	7	1023.24	1023.26	1023.24	1023.20	1023.18	1023.20	1023.24	1023.24	1023.21	1023.18	1023.15	1023.12	1023.20
	8	1023.09	1023.08	1023.06	1023.02	1023.00	1023.02	1023.03	1023.04	1023.03	1023.00	1022.97	1022.94	1023.02
	9	1022.96	1022.97	1022.98	1023.00	1023.03	1023.06	1023.06	1023.04	1023.05	1023.06	1023.06	1023.07	1023.03
	10	1023.06	1023.04	1023.01	1022.98	1022.96	1022.91	1022.87	1022.86	1022.85	1022.84	1022.80	1022.79	1022.91
	11	1022.81	1022.81	1022.77	1022.73	1022.72	1022.71	1022.67	1022.66	1022.65	1022.60	1022.56	1022.50	1022.68
	12	1022.45	1022.41	1022.32	1022.27	1022.27	1022.24	1022.20	1022.19	1022.21	1022.21	1022.17	1022.12	1022.25
	13	1022.10	1022.10	1022.08	1022.05	1022.02	1022.04	1022.10	1022.15	1022.14	1022.14	1022.17	1022.19	1022.10
	14	1022.18	1022.12	1022.06	1022.00	1021.96	1021.97	1022.00	1022.00	1021.98	1022.02	1022.09	1022.14	1022.04
	15	1022.17	1022.25	1022.33	1022.39	1022.47	1022.54	1022.60	1022.63	1022.67	1022.70	1022.71	1022.71	1022.51
	16	1022.68	1022.63	1022.59	1022.59	1022.59	1022.56	1022.54	1022.54	1022.51	1022.49	1022.47	1022.45	1022.55
	17	1022.42	1022.39	1022.35	1022.34	1022.34	1022.31	1022.22	1022.17	1022.16	1022.17	1022.18	1022.17	1022.27
	18	1022.16	1022.19	1022.22	1022.25	1022.26	1022.30	1022.34	1022.33	1022.32	1022.29	1022.23	1022.22	1022.26
	19	1022.26	1022.29	1022.33	1022.36	1022.39	1022.41	1022.39	1022.35	1022.31	1022.30	1022.33	1022.40	1022.34
	20	1022.52	1022.58	1022.57	1022.57	1022.50	1022.43	1022.44	1022.46	1022.46	1022.48	1022.52	1022.57	1022.51
	21	1022.59	1022.60	1022.59	1022.56	1022.57	1022.58	1022.55	1022.53	1022.52	1022.52	1022.52	1022.50	1022.55
	22	1022.50	1022.48	1022.44	1022.45	1022.48	1022.47	1022.44	1022.45	1022.42	1022.38	1022.38	1022.37	1022.44
	23	1022.37	1022.40	1022.40	1022.40	1022.40	1022.39	1022.38	1022.35	1022.32	1022.31	1022.30	1022.29	1022.36
22	0	1022.29	1022.29	1022.27	1022.23	1022.19	1022.17	1022.15	1022.13	1022.12	1022.08	1022.03	1021.96	1022.15
	1	1021.92	1021.91	1021.88	1021.85	1021.82	1021.78	1021.76	1021.73	1021.68	1021.65	1021.65	1021.64	1021.77
	2	1021.62	1021.60	1021.57	1021.51	1021.47	1021.48	1021.49	1021.48	1021.46	1021.43	1021.41	1021.40	1021.49
	3	1021.39	1021.40	1021.39	1021.36	1021.35	1021.34	1021.32	1021.32	1021.32	1021.29	1021.25	1021.25	1021.33
	4	1021.24	1021.21	1021.18	1021.15	1021.13	1021.14	1021.18	1021.20	1021.21	1021.22	1021.23	1021.22	1021.19
	5	1021.22	1021.23	1021.24	1021.24	1021.23	1021.25	1021.26	1021.24	1021.25	1021.26	1021.29	1021.35	1021.25
	6	1021.39	1021.44	1021.48	1021.52	1021.55	1021.57	1021.60	1021.60	1021.58	1021.58	1021.58	1021.64	1021.54
	7	1021.71	1021.77	1021.81	1021.80	1021.78	1021.78	1021.78	1021.75	1021.74	1021.74	1021.71	1021.67	1021.75
	8	1021.66	1021.66	1021.63	1021.64	1021.69	1021.70	1021.68	1021.67	1021.68	1021.69	1021.70	1021.72	1021.67
	9	1021.72	1021.70	1021.68	1021.66	1021.66	1021.64	1021.63	1021.63	1021.64	1021.63	1021.61	1021.57	1021.65
	10	1021.54	1021.53	1021.54	1021.53	1021.50	1021.46	1021.42	1021.35	1021.26	1021.17	1021.10	1021.04	1021.37
	11	1021.00	1020.95	1020.87	1020.79	1020.74	1020.71	1020.65	1020.56	1020.47	1020.41	1020.33	1020.23	1020.64
	12	1020.16	1020.10	1020.06	1019.99	1019.92	1019.85	1019.78	1019.72	1019.66	1019.61	1019.58	1019.57	1019.83
	13	1019.52	1019.48	1019.45	1019.42	1019.40	1019.38	1019.37	1019.35	1019.34	1019.34	1019.37	1019.40	1019.40
	14	1019.40	1019.40	1019.40	1019.42	1019.43	1019.44	1019.46	1019.46	1019.46	1019.46	1019.47	1019.50	1019.44
	15	1019.53	1019.55	1019.57	1019.55	1019.52	1019.50	1019.49	1019.48	1019.46	1019.46	1019.47	1019.47	1019.50
	16	1019.48	1019.50	1019.51	1019.52	1019.51	1019.50	1019.50	1019.50	1019.51	1019.51	1019.54	1019.57	1019.51
	17	1019.58	1019.59	1019.60	1019.62	1019.67	1019.76	1019.84	1019.90	1019.96	1019.99	1020.03	1020.11	1019.80
	18	1020.20	1020.26	1020.28	1020.31	1020.37	1020.45	1020.47	1020.46	1020.50	1020.58	1020.66	1020.70	1020.44
	19	1020.70	1020.73	1020.76	1020.77	1020.78	1020.83	1020.87	1020.89	1020.89	1020.87	1020.87	1020.88	1020.82
	20	1020.89	1020.91	1020.95	1020.98	1020.98	1020.98	1021.00	1020.99	1020.96	1020.94	1020.96	1020.97	1020.96
	21	1020.95	1020.94	1020.93	1020.90	1020.88	1020.86	1020.84	1020.81	1020.76	1020.73	1020.72	1020.73	1020.84
	22	1020.73	1020.72	1020.73	1020.74	1020.70	1020.68	1020.69	1020.68	1020.66	1020.66	1020.67	1020.67	1020.69
	23	1020.67	1020.63	1020.60	1020.57	1020.55	1020.55	1020.55	1020.52	1020.48	1020.47	1020.48	1020.44	1020.54

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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
23	0	1020.41	1020.42	1020.40	1020.37	1020.32	1020.24	1020.17	1020.12	1020.07	1020.03	1020.01	1020.01	1020.20
	1	1019.97	1019.90	1019.84	1019.80	1019.77	1019.79	1019.84	1019.84	1019.81	1019.84	1019.87	1019.87	1019.84
	2	1019.88	1019.90	1019.90	1019.88	1019.85	1019.84	1019.87	1019.88	1019.85	1019.84	1019.86	1019.86	1019.86
	3	1019.86	1019.90	1019.92	1019.86	1019.84	1019.88	1019.87	1019.82	1019.80	1019.84	1019.86	1019.82	1019.85
	4	1019.86	1019.97	1020.06	1020.16	1020.27	1020.33	1020.30	1020.26	1020.26	1020.25	1020.22	1020.17	1020.17
	5	1020.08	1019.99	1019.98	1020.02	1020.04	1020.08	1020.12	1020.10	1020.12	1020.19	1020.16	1020.09	1020.08
	6	1020.06	1020.12	1020.17	1020.22	1020.25	1020.21	1020.23	1020.28	1020.27	1020.29	1020.33	1020.35	1020.23
	7	1020.39	1020.43	1020.48	1020.53	1020.52	1020.51	1020.50	1020.49	1020.51	1020.48	1020.42	1020.39	1020.47
	8	1020.39	1020.40	1020.42	1020.44	1020.42	1020.33	1020.27	1020.25	1020.25	1020.21	1020.13	1020.09	1020.30
	9	1020.11	1020.13	1020.14	1020.10	1020.07	1020.13	1020.12	1020.03	1020.02	1020.06	1020.10	1020.12	1020.09
	10	1020.13	1020.10	1020.01	1019.97	1019.95	1019.90	1019.87	1019.84	1019.81	1019.78	1019.77	1019.77	1019.90
	11	1019.71	1019.63	1019.58	1019.53	1019.48	1019.39	1019.27	1019.16	1019.12	1019.13	1019.10	1019.04	1019.34
	12	1018.99	1018.97	1018.95	1018.89	1018.82	1018.77	1018.77	1018.82	1018.83	1018.84	1018.82	1018.76	1018.85
	13	1018.71	1018.66	1018.64	1018.70	1018.77	1018.81	1018.87	1018.90	1018.87	1018.81	1018.74	1018.70	1018.76
	14	1018.65	1018.62	1018.63	1018.64	1018.66	1018.68	1018.71	1018.75	1018.76	1018.76	1018.75	1018.72	1018.69
	15	1018.66	1018.61	1018.59	1018.57	1018.53	1018.47	1018.39	1018.38	1018.45	1018.51	1018.54	1018.55	1018.52
	16	1018.58	1018.63	1018.72	1018.80	1018.80	1018.78	1018.81	1018.81	1018.76	1018.69	1018.68	1018.73	1018.73
	17	1018.81	1018.88	1018.90	1018.92	1018.98	1019.06	1019.10	1019.13	1019.14	1019.15	1019.17	1019.17	1019.03
	18	1019.17	1019.17	1019.21	1019.25	1019.28	1019.26	1019.27	1019.31	1019.31	1019.30	1019.31	1019.37	1019.26
	19	1019.44	1019.44	1019.42	1019.43	1019.46	1019.47	1019.48	1019.51	1019.51	1019.53	1019.58	1019.62	1019.49
	20	1019.65	1019.68	1019.72	1019.76	1019.77	1019.79	1019.78	1019.76	1019.74	1019.73	1019.72	1019.70	1019.73
	21	1019.71	1019.73	1019.75	1019.75	1019.71	1019.71	1019.76	1019.83	1019.88	1019.91	1019.90	1019.87	1019.79
	22	1019.87	1019.92	1019.97	1019.95	1019.88	1019.79	1019.77	1019.77	1019.74	1019.71	1019.72	1019.74	1019.82
	23	1019.75	1019.74	1019.75	1019.76	1019.75	1019.74	1019.70	1019.64	1019.61	1019.59	1019.59	1019.59	1019.68
24	0	1019.60	1019.62	1019.64	1019.64	1019.64	1019.65	1019.64	1019.66	1019.68	1019.66	1019.63	1019.59	1019.64
	1	1019.52	1019.47	1019.47	1019.45	1019.40	1019.34	1019.28	1019.24	1019.25	1019.27	1019.26	1019.22	1019.35
	2	1019.19	1019.17	1019.17	1019.17	1019.20	1019.23	1019.26	1019.26	1019.27	1019.32	1019.34	1019.34	1019.24
	3	1019.35	1019.37	1019.37	1019.34	1019.28	1019.19	1019.17	1019.10	1019.03	1019.06	1019.11	1019.14	1019.21
	4	1019.11	1019.08	1019.04	1018.98	1018.95	1018.95	1018.95	1018.94	1018.91	1018.88	1018.90	1018.94	1018.97
	5	1018.93	1018.89	1018.89	1018.98	1019.07	1019.11	1019.16	1019.19	1019.24	1019.31	1019.40	1019.51	1019.14
	6	1019.61	1019.71	1019.83	1019.93	1019.98	1020.04	1020.09	1020.14	1020.19	1020.21	1020.20	1020.16	1020.00
	7	1020.12	1020.09	1020.12	1020.19	1020.17	1020.10	1020.09	1020.07	1019.98	1019.95	1019.89	1019.88	1020.05
	8	1019.92	1019.95	1020.06	1020.14	1020.12	1020.04	1020.00	1020.08	1020.15	1020.14	1020.15	1020.21	1020.08
	9	1020.33	1020.43	1020.53	1020.64	1020.64	1020.55	1020.53	1020.48	1020.43	1020.48	1020.56	1020.66	1020.52
	10	1020.74	1020.77	1020.76	1020.61	1020.51	1020.48	1020.40	1020.31	1020.24	1020.20	1020.22	1020.27	1020.46
	11	1020.31	1020.28	1020.16	1020.00	1019.92	1019.89	1019.84	1019.79	1019.75	1019.63	1019.53	1019.54	1019.89
	12	1019.58	1019.58	1019.59	1019.60	1019.53	1019.42	1019.32	1019.23	1019.17	1019.19	1019.23	1019.21	1019.38
	13	1019.19	1019.26	1019.37	1019.46	1019.49	1019.45	1019.42	1019.45	1019.47	1019.48	1019.53	1019.59	1019.43
	14	1019.59	1019.57	1019.52	1019.45	1019.44	1019.48	1019.54	1019.54	1019.50	1019.47	1019.47	1019.46	1019.50
	15	1019.43	1019.44	1019.45	1019.42	1019.35	1019.26	1019.22	1019.22	1019.16	1018.99	1018.75	1018.53	1019.18
	16	1018.40	1018.42	1018.52	1018.57	1018.60	1018.66	1018.72	1018.76	1018.84	1018.97	1019.19	1019.41	1018.75
	17	1019.51	1019.45	1019.36	1019.39	1019.51	1019.65	1019.74	1019.73	1019.76	1019.85	1019.94	1019.98	1019.65
	18	1019.96	1019.96	1019.99	1020.02	1020.06	1020.11	1020.12	1020.09	1020.07	1020.07	1020.07	1020.12	1020.05
	19	1020.16	1020.17	1020.18	1020.22	1020.27	1020.28	1020.26	1020.25	1020.24	1020.28	1020.29	1020.28	1020.24
	20	1020.31	1020.36	1020.42	1020.43	1020.42	1020.44	1020.46	1020.40	1020.34	1020.31	1020.31	1020.32	1020.37
	21	1020.33	1020.34	1020.35	1020.35	1020.36	1020.36	1020.36	1020.39	1020.44	1020.50	1020.52	1020.50	1020.40
	22	1020.49	1020.53	1020.58	1020.56	1020.52	1020.49	1020.51	1020.53	1020.50	1020.45	1020.44	1020.46	1020.50
	23	1020.48	1020.51	1020.50	1020.49	1020.49	1020.50	1020.49	1020.48	1020.46	1020.44	1020.45	1020.46	1020.48

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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
25	0	1020.40	1020.39	1020.38	1020.37	1020.37	1020.38	1020.35	1020.33	1020.37	1020.40	1020.36	1020.31	1020.36
	1	1020.26	1020.19	1020.17	1020.16	1020.11	1020.10	1020.10	1020.09	1020.06	1020.05	1020.04	1020.04	1020.11
	2	1020.13	1020.22	1020.26	1020.29	1020.25	1020.16	1020.12	1020.09	1020.06	1020.04	1020.05	1020.09	1020.14
	3	1020.09	1020.08	1020.06	1019.99	1019.93	1019.91	1019.92	1019.93	1019.94	1019.95	1019.91	1019.87	1019.96
	4	1019.87	1019.88	1019.90	1019.89	1019.89	1019.90	1019.90	1019.94	1019.96	1019.93	1019.90	1019.92	1019.90
	5	1019.98	1020.02	1020.06	1020.07	1020.11	1020.15	1020.16	1020.18	1020.20	1020.25	1020.31	1020.36	1020.15
	6	1020.40	1020.46	1020.52	1020.57	1020.62	1020.70	1020.78	1020.84	1020.88	1020.92	1020.98	1021.02	1020.72
	7	1021.02	1021.05	1021.09	1021.11	1021.12	1021.13	1021.12	1021.11	1021.11	1021.14	1021.19	1021.21	1021.12
	8	1021.20	1021.18	1021.19	1021.23	1021.25	1021.26	1021.24	1021.23	1021.24	1021.25	1021.26	1021.25	1021.23
	9	1021.24	1021.22	1021.22	1021.25	1021.30	1021.36	1021.38	1021.36	1021.31	1021.23	1021.19	1021.20	1021.27
	10	1021.23	1021.25	1021.22	1021.18	1021.12	1021.05	1020.99	1020.94	1020.88	1020.82	1020.79	1020.76	1021.02
	11	1020.72	1020.67	1020.62	1020.59	1020.55	1020.49	1020.44	1020.40	1020.37	1020.34	1020.29	1020.23	1020.47
	12	1020.17	1020.11	1020.08	1020.09	1020.11	1020.10	1020.08	1020.05	1020.01	1019.99	1019.95	1019.94	1020.05
	13	1019.96	1019.96	1019.97	1020.00	1019.99	1019.97	1019.95	1019.94	1019.94	1019.93	1019.91	1019.89	1019.95
	14	1019.86	1019.83	1019.83	1019.81	1019.77	1019.73	1019.70	1019.69	1019.69	1019.71	1019.70	1019.69	1019.75
	15	1019.68	1019.65	1019.65	1019.63	1019.63	1019.65	1019.67	1019.70	1019.72	1019.73	1019.73	1019.74	1019.68
	16	1019.78	1019.81	1019.82	1019.83	1019.88	1019.93	1019.97	1020.01	1020.04	1020.09	1020.17	1020.26	1019.96
	17	1020.29	1020.29	1020.30	1020.34	1020.37	1020.37	1020.37	1020.38	1020.37	1020.36	1020.38	1020.44	1020.35
	18	1020.50	1020.53	1020.53	1020.54	1020.55	1020.54	1020.54	1020.53	1020.54	1020.59	1020.62	1020.66	1020.55
	19	1020.66	1020.63	1020.62	1020.67	1020.73	1020.78	1020.82	1020.84	1020.85	1020.86	1020.89	1020.92	1020.77
	20	1020.93	1020.96	1021.00	1021.05	1021.10	1021.12	1021.13	1021.14	1021.16	1021.18	1021.20	1021.21	1021.10
	21	1021.21	1021.21	1021.22	1021.21	1021.21	1021.23	1021.23	1021.23	1021.22	1021.22	1021.24	1021.25	1021.22
	22	1021.25	1021.26	1021.27	1021.27	1021.27	1021.30	1021.32	1021.34	1021.37	1021.38	1021.37	1021.36	1021.31
	23	1021.36	1021.33	1021.30	1021.30	1021.30	1021.31	1021.30	1021.29	1021.29	1021.31	1021.31	1021.31	1021.31
26	0	1021.25	1021.23	1021.21	1021.22	1021.24	1021.24	1021.24	1021.25	1021.23	1021.22	1021.20	1021.16	1021.22
	1	1021.12	1021.11	1021.09	1021.06	1021.05	1021.01	1020.97	1020.97	1020.97	1020.95	1020.95	1020.93	1021.01
	2	1020.89	1020.86	1020.82	1020.79	1020.79	1020.81	1020.85	1020.86	1020.87	1020.88	1020.88	1020.87	1020.85
	3	1020.87	1020.87	1020.88	1020.90	1020.91	1020.92	1020.92	1020.91	1020.88	1020.88	1020.89	1020.93	1020.89
	4	1020.98	1021.03	1021.05	1021.04	1021.03	1021.00	1021.02	1021.06	1021.09	1021.12	1021.17	1021.22	1021.07
	5	1021.28	1021.32	1021.32	1021.32	1021.34	1021.38	1021.39	1021.40	1021.47	1021.56	1021.63	1021.67	1021.42
	6	1021.69	1021.71	1021.77	1021.86	1021.95	1022.03	1022.11	1022.16	1022.20	1022.25	1022.29	1022.33	1022.03
	7	1022.37	1022.39	1022.40	1022.42	1022.45	1022.45	1022.42	1022.41	1022.40	1022.38	1022.36	1022.36	1022.40
	8	1022.38	1022.39	1022.39	1022.41	1022.43	1022.39	1022.34	1022.30	1022.30	1022.32	1022.32	1022.31	1022.35
	9	1022.30	1022.30	1022.31	1022.28	1022.25	1022.23	1022.18	1022.13	1022.12	1022.10	1022.09	1022.09	1022.20
	10	1022.06	1022.01	1021.98	1021.96	1021.92	1021.86	1021.80	1021.75	1021.72	1021.67	1021.62	1021.56	1021.82
	11	1021.49	1021.45	1021.43	1021.39	1021.33	1021.25	1021.19	1021.17	1021.14	1021.10	1021.05	1020.98	1021.25
	12	1020.95	1020.94	1020.91	1020.88	1020.86	1020.83	1020.79	1020.77	1020.77	1020.78	1020.79	1020.76	1020.83
	13	1020.71	1020.70	1020.70	1020.69	1020.66	1020.65	1020.67	1020.70	1020.76	1020.82	1020.86	1020.89	1020.73
	14	1020.91	1020.92	1020.93	1020.97	1021.00	1021.01	1021.03	1021.03	1021.05	1021.08	1021.10	1021.09	1021.01
	15	1021.10	1021.14	1021.19	1021.20	1021.20	1021.24	1021.28	1021.28	1021.27	1021.31	1021.40	1021.48	1021.25
	16	1021.52	1021.55	1021.62	1021.69	1021.72	1021.73	1021.77	1021.82	1021.85	1021.89	1021.90	1021.89	1021.74
	17	1021.93	1022.00	1022.05	1022.11	1022.19	1022.23	1022.21	1022.20	1022.24	1022.29	1022.33	1022.34	1022.17
	18	1022.36	1022.36	1022.35	1022.34	1022.29	1022.25	1022.22	1022.23	1022.27	1022.26	1022.26	1022.30	1022.29
	19	1022.31	1022.30	1022.29	1022.32	1022.37	1022.43	1022.47	1022.49	1022.51	1022.55	1022.59	1022.62	1022.43
	20	1022.65	1022.65	1022.63	1022.65	1022.67	1022.66	1022.63	1022.62	1022.60	1022.58	1022.57	1022.57	1022.62
	21	1022.59	1022.57	1022.52	1022.48	1022.44	1022.40	1022.40	1022.44	1022.47	1022.48	1022.50	1022.53	1022.48
	22	1022.52	1022.53	1022.53	1022.46	1022.40	1022.36	1022.39	1022.45	1022.49	1022.50	1022.48	1022.47	1022.46
	23	1022.47	1022.46	1022.40	1022.33	1022.29	1022.30	1022.32	1022.33	1022.33	1022.30	1022.27	1022.26	1022.34

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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
27	0	1022.29	1022.29	1022.29	1022.29	1022.30	1022.28	1022.26	1022.24	1022.20	1022.19	1022.20	1022.22	1022.25
	1	1022.21	1022.17	1022.14	1022.12	1022.10	1022.11	1022.13	1022.13	1022.12	1022.08	1022.04	1022.04	1022.11
	2	1022.03	1022.02	1022.04	1022.03	1022.03	1022.01	1021.97	1021.93	1021.91	1021.91	1021.92	1021.92	1021.97
	3	1021.91	1021.91	1021.92	1021.92	1021.93	1021.93	1021.93	1021.94	1021.94	1021.93	1021.95	1021.99	1021.93
	4	1022.03	1022.09	1022.14	1022.16	1022.20	1022.21	1022.19	1022.20	1022.22	1022.24	1022.25	1022.25	1022.18
	5	1022.24	1022.22	1022.19	1022.17	1022.19	1022.20	1022.19	1022.20	1022.21	1022.25	1022.32	1022.35	1022.23
	6	1022.38	1022.42	1022.47	1022.52	1022.56	1022.59	1022.65	1022.76	1022.83	1022.86	1022.87	1022.86	1022.64
	7	1022.94	1023.07	1023.16	1023.17	1023.13	1023.12	1023.15	1023.17	1023.16	1023.18	1023.21	1023.25	1023.14
	8	1023.31	1023.32	1023.33	1023.37	1023.37	1023.38	1023.40	1023.41	1023.45	1023.49	1023.53	1023.58	1023.41
	9	1023.59	1023.59	1023.60	1023.61	1023.62	1023.63	1023.65	1023.69	1023.72	1023.69	1023.67	1023.65	1023.64
	10	1023.62	1023.58	1023.57	1023.57	1023.53	1023.45	1023.37	1023.29	1023.26	1023.23	1023.17	1023.09	1023.39
	11	1022.98	1022.88	1022.79	1022.67	1022.53	1022.45	1022.39	1022.30	1022.22	1022.15	1022.05	1021.93	1022.44
	12	1021.84	1021.79	1021.75	1021.69	1021.64	1021.59	1021.53	1021.50	1021.45	1021.36	1021.33	1021.36	1021.57
	13	1021.34	1021.28	1021.21	1021.17	1021.17	1021.18	1021.18	1021.17	1021.17	1021.20	1021.22	1021.24	1021.21
	14	1021.24	1021.21	1021.15	1021.09	1021.07	1021.07	1021.04	1021.01	1021.05	1021.13	1021.17	1021.20	1021.12
	15	1021.26	1021.29	1021.30	1021.34	1021.39	1021.42	1021.44	1021.45	1021.45	1021.46	1021.51	1021.55	1021.40
	16	1021.56	1021.53	1021.55	1021.64	1021.66	1021.63	1021.63	1021.68	1021.76	1021.78	1021.76	1021.82	1021.66
	17	1021.85	1021.80	1021.79	1021.87	1021.87	1021.79	1021.72	1021.66	1021.67	1021.61	1021.52	1021.61	1021.73
	18	1021.69	1021.67	1021.62	1021.56	1021.58	1021.50	1021.38	1021.26	1021.11	1021.05	1021.14	1021.29	1021.40
	19	1021.25	1021.26	1021.40	1021.40	1021.47	1021.68	1021.76	1021.78	1021.76	1021.70	1021.68	1021.67	1021.56
	20	1021.64	1021.65	1021.69	1021.71	1021.74	1021.84	1021.94	1021.94	1021.98	1022.03	1022.05	1022.10	1021.86
	21	1022.15	1022.17	1022.21	1022.23	1022.24	1022.24	1022.20	1022.14	1022.05	1021.97	1021.99	1022.04	1022.13
	22	1022.03	1021.99	1021.90	1021.82	1021.74	1021.67	1021.68	1021.71	1021.68	1021.60	1021.51	1021.45	1021.73
	23	1021.42	1021.36	1021.24	1021.11	1021.04	1020.96	1020.95	1021.01	1020.99	1020.95	1020.91	1020.86	1021.06
28	0	1020.71	1020.71	1020.70	1020.73	1020.72	1020.72	1020.78	1020.80	1020.78	1020.83	1020.87	1020.85	1020.77
	1	1020.86	1020.85	1020.78	1020.69	1020.68	1020.72	1020.71	1020.64	1020.57	1020.54	1020.50	1020.45	1020.66
	2	1020.41	1020.41	1020.39	1020.30	1020.24	1020.26	1020.24	1020.16	1020.08	1020.05	1020.04	1020.04	1020.22
	3	1020.03	1020.02	1019.99	1019.97	1019.96	1019.95	1019.95	1019.94	1019.95	1019.92	1019.85	1019.81	1019.94
	4	1019.77	1019.71	1019.69	1019.67	1019.58	1019.53	1019.52	1019.50	1019.48	1019.48	1019.49	1019.50	1019.57
	5	1019.50	1019.50	1019.52	1019.56	1019.63	1019.67	1019.70	1019.72	1019.76	1019.77	1019.77	1019.79	1019.65
	6	1019.82	1019.85	1019.91	1019.94	1019.94	1019.96	1020.02	1020.06	1020.07	1020.09	1020.12	1020.16	1019.99
	7	1020.19	1020.21	1020.22	1020.22	1020.23	1020.25	1020.26	1020.29	1020.31	1020.28	1020.29	1020.33	1020.25
	8	1020.34	1020.33	1020.31	1020.30	1020.31	1020.32	1020.31	1020.28	1020.29	1020.31	1020.30	1020.32	1020.31
	9	1020.36	1020.35	1020.32	1020.31	1020.30	1020.31	1020.32	1020.31	1020.27	1020.22	1020.17	1020.12	1020.28
	10	1020.10	1020.08	1020.01	1019.94	1019.89	1019.86	1019.82	1019.79	1019.81	1019.79	1019.72	1019.64	1019.87
	11	1019.59	1019.54	1019.48	1019.42	1019.33	1019.28	1019.22	1019.15	1019.11	1019.07	1019.03	1019.00	1019.27
	12	1018.98	1018.94	1018.90	1018.85	1018.78	1018.71	1018.64	1018.59	1018.53	1018.46	1018.42	1018.40	1018.68
	13	1018.37	1018.35	1018.30	1018.23	1018.18	1018.15	1018.13	1018.09	1018.04	1018.03	1018.00	1017.99	1018.15
	14	1018.00	1017.99	1017.98	1017.97	1017.94	1017.88	1017.84	1017.84	1017.85	1017.83	1017.82	1017.82	1017.90
	15	1017.82	1017.83	1017.80	1017.79	1017.77	1017.77	1017.79	1017.80	1017.80	1017.82	1017.86	1017.89	1017.81
	16	1017.91	1017.94	1017.97	1018.00	1018.04	1018.07	1018.11	1018.14	1018.15	1018.17	1018.20	1018.22	1018.08
	17	1018.21	1018.19	1018.21	1018.20	1018.18	1018.22	1018.26	1018.27	1018.26	1018.25	1018.24	1018.21	1018.22
	18	1018.20	1018.22	1018.24	1018.20	1018.15	1018.15	1018.16	1018.15	1018.13	1018.15	1018.18	1018.25	1018.18
	19	1018.31	1018.34	1018.36	1018.37	1018.37	1018.39	1018.39	1018.39	1018.41	1018.44	1018.42	1018.40	1018.38
	20	1018.42	1018.47	1018.52	1018.53	1018.53	1018.53	1018.53	1018.56	1018.61	1018.66	1018.64	1018.58	1018.55
	21	1018.56	1018.55	1018.53	1018.50	1018.45	1018.40	1018.34	1018.29	1018.26	1018.24	1018.24	1018.24	1018.38
	22	1018.22	1018.20	1018.21	1018.23	1018.25	1018.22	1018.16	1018.10	1018.07	1018.06	1018.02	1017.96	1018.14
	23	1017.90	1017.85	1017.80	1017.76	1017.73	1017.68	1017.59	1017.52	1017.49	1017.47	1017.49	1017.52	1017.65

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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
29	0	1017.49	1017.48	1017.47	1017.44	1017.41	1017.38	1017.34	1017.32	1017.31	1017.27	1017.18	1017.15	1017.35
	1	1017.17	1017.14	1017.08	1017.06	1017.02	1016.94	1016.88	1016.85	1016.79	1016.71	1016.68	1016.67	1016.91
	2	1016.67	1016.67	1016.66	1016.65	1016.64	1016.67	1016.72	1016.74	1016.72	1016.68	1016.64	1016.62	1016.67
	3	1016.61	1016.57	1016.53	1016.52	1016.52	1016.54	1016.57	1016.57	1016.56	1016.52	1016.52	1016.55	1016.55
	4	1016.55	1016.53	1016.49	1016.45	1016.43	1016.45	1016.46	1016.44	1016.42	1016.47	1016.54	1016.55	1016.48
	5	1016.52	1016.51	1016.53	1016.53	1016.51	1016.52	1016.55	1016.57	1016.59	1016.63	1016.67	1016.71	1016.57
	6	1016.74	1016.73	1016.76	1016.83	1016.86	1016.87	1016.88	1016.90	1016.92	1016.96	1017.03	1017.09	1016.88
	7	1017.14	1017.18	1017.18	1017.17	1017.18	1017.19	1017.22	1017.22	1017.16	1017.12	1017.11	1017.09	1017.16
	8	1017.05	1017.03	1017.03	1017.01	1016.95	1016.87	1016.80	1016.74	1016.69	1016.63	1016.59	1016.55	1016.83
	9	1016.51	1016.47	1016.44	1016.42	1016.38	1016.36	1016.34	1016.30	1016.27	1016.26	1016.24	1016.18	1016.35
	10	1016.12	1016.07	1016.02	1015.99	1015.96	1015.95	1015.91	1015.86	1015.82	1015.79	1015.74	1015.65	1015.91
	11	1015.56	1015.48	1015.42	1015.34	1015.24	1015.18	1015.15	1015.13	1015.09	1015.06	1015.02	1014.96	1015.22
	12	1014.89	1014.85	1014.80	1014.73	1014.66	1014.59	1014.52	1014.46	1014.45	1014.44	1014.42	1014.37	1014.60
	13	1014.35	1014.35	1014.33	1014.32	1014.33	1014.35	1014.35	1014.31	1014.26	1014.22	1014.21	1014.23	1014.30
	14	1014.28	1014.28	1014.28	1014.29	1014.29	1014.28	1014.23	1014.21	1014.21	1014.22	1014.22	1014.21	1014.25
	15	1014.22	1014.24	1014.25	1014.25	1014.24	1014.26	1014.30	1014.30	1014.25	1014.20	1014.16	1014.10	1014.23
	16	1014.07	1014.07	1014.10	1014.13	1014.16	1014.20	1014.19	1014.21	1014.24	1014.25	1014.26	1014.25	1014.18
	17	1014.26	1014.24	1014.20	1014.19	1014.21	1014.26	1014.29	1014.32	1014.33	1014.31	1014.27	1014.25	1014.26
	18	1014.21	1014.17	1014.17	1014.15	1014.14	1014.15	1014.17	1014.22	1014.22	1014.19	1014.18	1014.15	1014.17
	19	1014.15	1014.16	1014.17	1014.18	1014.21	1014.24	1014.25	1014.25	1014.26	1014.29	1014.32	1014.32	1014.23
	20	1014.31	1014.33	1014.40	1014.45	1014.44	1014.41	1014.37	1014.33	1014.31	1014.32	1014.33	1014.33	1014.36
	21	1014.33	1014.33	1014.31	1014.33	1014.34	1014.33	1014.30	1014.30	1014.30	1014.29	1014.29	1014.29	1014.31
	22	1014.32	1014.39	1014.44	1014.44	1014.42	1014.43	1014.48	1014.55	1014.59	1014.62	1014.65	1014.67	1014.50
	23	1014.66	1014.66	1014.63	1014.59	1014.60	1014.59	1014.57	1014.53	1014.47	1014.40	1014.38	1014.45	1014.54
30	0	1014.51	1014.51	1014.52	1014.56	1014.58	1014.59	1014.59	1014.57	1014.58	1014.61	1014.62	1014.59	1014.57
	1	1014.60	1014.64	1014.67	1014.66	1014.62	1014.54	1014.49	1014.48	1014.44	1014.31	1014.13	1014.04	1014.47
	2	1014.02	1013.95	1013.84	1013.76	1013.67	1013.59	1013.55	1013.53	1013.50	1013.48	1013.43	1013.32	1013.63
	3	1013.26	1013.23	1013.17	1013.08	1012.99	1012.95	1012.95	1013.00	1013.10	1013.19	1013.24	1013.24	1013.12
	4	1013.22	1013.16	1013.05	1012.95	1012.96	1013.02	1013.04	1013.02	1013.04	1013.12	1013.20	1013.25	1013.08
	5	1013.34	1013.46	1013.57	1013.63	1013.68	1013.75	1013.79	1013.82	1013.91	1013.97	1013.97	1013.99	1013.74
	6	1014.03	1014.06	1014.08	1014.12	1014.20	1014.27	1014.28	1014.35	1014.40	1014.42	1014.47	1014.52	1014.26
	7	1014.53	1014.53	1014.55	1014.56	1014.56	1014.58	1014.57	1014.57	1014.61	1014.62	1014.61	1014.62	1014.57
	8	1014.63	1014.62	1014.62	1014.62	1014.57	1014.54	1014.57	1014.58	1014.56	1014.54	1014.51	1014.46	1014.57
	9	1014.46	1014.53	1014.64	1014.72	1014.75	1014.76	1014.82	1014.86	1014.85	1014.81	1014.78	1014.74	1014.72
	10	1014.65	1014.60	1014.57	1014.53	1014.50	1014.48	1014.47	1014.46	1014.44	1014.41	1014.38	1014.36	1014.49
	11	1014.33	1014.26	1014.18	1014.10	1014.00	1013.94	1013.95	1013.98	1013.96	1013.92	1013.90	1013.87	1014.03
	12	1013.85	1013.86	1013.88	1013.88	1013.91	1013.92	1013.90	1013.86	1013.81	1013.78	1013.77	1013.79	1013.85
	13	1013.79	1013.74	1013.73	1013.73	1013.71	1013.70	1013.69	1013.66	1013.64	1013.62	1013.63	1013.64	1013.69
	14	1013.67	1013.71	1013.69	1013.66	1013.65	1013.65	1013.66	1013.66	1013.67	1013.67	1013.70	1013.73	1013.67
	15	1013.76	1013.79	1013.83	1013.88	1013.91	1013.96	1014.02	1014.05	1014.04	1014.02	1014.06	1014.12	1013.95
	16	1014.16	1014.15	1014.17	1014.23	1014.28	1014.33	1014.38	1014.45	1014.50	1014.52	1014.55	1014.61	1014.36
	17	1014.66	1014.65	1014.64	1014.67	1014.74	1014.79	1014.80	1014.84	1014.89	1014.94	1014.98	1015.03	1014.80
	18	1015.07	1015.11	1015.15	1015.16	1015.14	1015.14	1015.17	1015.20	1015.21	1015.25	1015.30	1015.33	1015.18
	19	1015.34	1015.36	1015.39	1015.43	1015.49	1015.59	1015.65	1015.67	1015.72	1015.78	1015.83	1015.89	1015.59
	20	1015.95	1016.00	1016.07	1016.10	1016.10	1016.11	1016.11	1016.11	1016.12	1016.12	1016.13	1016.16	1016.09
	21	1016.22	1016.28	1016.32	1016.35	1016.38	1016.41	1016.44	1016.49	1016.52	1016.53	1016.55	1016.56	1016.42
	22	1016.58	1016.60	1016.65	1016.71	1016.73	1016.73	1016.76	1016.80	1016.84	1016.89	1016.93	1016.95	1016.76
	23	1016.97	1017.00	1017.05	1017.09	1017.14	1017.13	1017.08	1017.08	1017.08	1017.08	1017.11	1017.13	1017.08

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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
31	0	1017.09	1017.12	1017.16	1017.21	1017.24	1017.23	1017.24	1017.27	1017.29	1017.29	1017.26	1017.30	1017.23
	1	1017.35	1017.34	1017.28	1017.19	1017.15	1017.17	1017.19	1017.19	1017.17	1017.15	1017.17	1017.21	1017.21
	2	1017.14	1017.04	1016.98	1016.97	1016.99	1016.95	1016.90	1016.86	1016.86	1016.89	1016.90	1016.88	1016.94
	3	1016.87	1016.91	1016.95	1016.96	1016.93	1016.94	1016.98	1016.99	1017.01	1017.08	1017.19	1017.28	1017.00
	4	1017.30	1017.28	1017.28	1017.30	1017.30	1017.31	1017.28	1017.26	1017.30	1017.34	1017.39	1017.37	1017.31
	5	1017.29	1017.22	1017.22	1017.27	1017.28	1017.24	1017.20	1017.21	1017.29	1017.34	1017.40	1017.49	1017.29
	6	1017.57	1017.66	1017.74	1017.81	1017.89	1017.96	1017.99	1018.02	1018.04	1018.07	1018.09	1018.14	1017.91
	7	1018.17	1018.17	1018.19	1018.25	1018.30	1018.31	1018.34	1018.40	1018.48	1018.52	1018.55	1018.57	1018.35
	8	1018.59	1018.63	1018.68	1018.70	1018.72	1018.74	1018.75	1018.77	1018.78	1018.78	1018.79	1018.82	1018.73
	9	1018.82	1018.82	1018.85	1018.90	1018.90	1018.88	1018.90	1018.91	1018.91	1018.94	1018.97	1019.00	1018.90
	10	1019.03	1019.01	1018.99	1018.98	1018.96	1018.97	1018.95	1018.93	1018.90	1018.87	1018.83	1018.75	1018.93
	11	1018.66	1018.61	1018.57	1018.57	1018.55	1018.47	1018.38	1018.29	1018.20	1018.14	1018.10	1018.06	1018.38
	12	1018.05	1018.06	1018.07	1018.06	1018.02	1018.01	1018.00	1017.99	1018.00	1018.03	1018.02	1018.00	1018.02
	13	1017.99	1017.96	1017.95	1017.97	1018.00	1018.02	1018.05	1018.09	1018.11	1018.16	1018.21	1018.21	1018.06
	14	1018.17	1018.14	1018.14	1018.15	1018.19	1018.23	1018.28	1018.31	1018.32	1018.33	1018.34	1018.34	1018.24
	15	1018.35	1018.38	1018.43	1018.45	1018.44	1018.46	1018.48	1018.52	1018.57	1018.62	1018.64	1018.65	1018.50
	16	1018.67	1018.70	1018.74	1018.77	1018.82	1018.88	1018.93	1018.97	1019.02	1019.09	1019.14	1019.19	1018.91
	17	1019.23	1019.29	1019.37	1019.43	1019.46	1019.46	1019.46	1019.43	1019.42	1019.44	1019.44	1019.42	1019.40
	18	1019.40	1019.42	1019.44	1019.43	1019.41	1019.40	1019.40	1019.40	1019.41	1019.45	1019.49	1019.52	1019.43
	19	1019.52	1019.53	1019.56	1019.60	1019.61	1019.61	1019.62	1019.65	1019.69	1019.70	1019.66	1019.61	1019.61
	20	1019.61	1019.60	1019.62	1019.66	1019.73	1019.80	1019.83	1019.88	1019.95	1019.99	1019.98	1019.99	1019.80
	21	1020.02	1020.03	1020.04	1020.07	1020.10	1020.12	1020.14	1020.14	1020.13	1020.12	1020.08	1020.06	1020.08
	22	1020.05	1020.04	1020.03	1020.02	1019.99	1019.95	1019.95	1019.98	1020.02	1020.07	1020.10	1020.10	1020.02
	23	1020.08	1020.04	1020.03	1020.00	1019.94	1019.92	1019.90	1019.89	1019.92	1019.97	1019.92	1019.87	1019.95



