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SVIRCO Prompt Report: April 2014

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: April 2014

Fabrizio Signoretti and Francesco Re

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in April 2014 by the Neutron Monitor of SVIRCO-Rome (present geographic position: 41.86° N - 12.47° E; altitude about s.l.), is reported in prompt form together with the barometric pressure data.

SVIRCO OBSERVATORY

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

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

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

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

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

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

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

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

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

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

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

DATA PRESENTATION

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

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

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

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

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

CONDITIONS FOR SVIRCO DATA USE

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

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

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

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

Dr. Monica Laurenza
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,

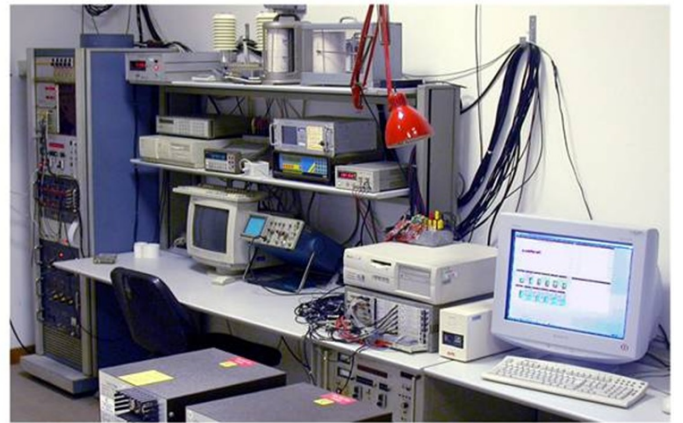
monica.laurenza@iaps.inaf.it



S.V.I.R.CO. Observatory

Rome

Italy



		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
1	0	45391	45200	45445	45432	45268	45675	45056	45132	45637	45457	45297	45638	98.690	
	1	45516	46207	44832	45762	45122	45153	45522	45776	45086	45102	45863	44912	98.735	
	2	45316	45181	45854	45304	46012	45694	45528	45869	45085	45380	45589	45617	99.021	
	3	45388	45981	45642	45109	45842	45387	45130	45686	44935	45374	45162	45378	98.764	
	4	45215	46189	46126	45470	45597	45822	46011	45763	45727	45891	45502	46013	99.546	
	5	45803	45558	45682	45809	45948	45675	45890	45766	45814	45437	45464	45710	99.406	
	6	46046	45537	46017	45506	45746	45797	45662	45569	45836	46080	45027	45932	99.442	
	7	45518	45484	46301	46127	45991	45970	45809	45329	45673	45814	45860	45244	99.508	
	8	45591	45907	45804	45229	45833	46000	46320	45895	45975	45501	46243	46011	99.724	
	9	45698	45651	45950	45736	45691	45867	45616	45786	45113	45489	46143	45132	99.282	
	10	45606	45185	45431	46068	45431	45364	45671	45142	45566	45355	46091	45637	99.042	
	11	46528	45599	46109	45842	45599	45552	45665	46080	45221	46422	45718	45559	99.648	
	12	45752	46109	45502	45491	45361	45496	45677	45269	45457	45521	45822	45798	99.170	
	13	45676	45829	45613	46094	45217	45837	44941	45422	46110	44991	45866	45361	99.116	
	14	45377	45261	44822	45498	45423	45127	45280	45492	44998	45423	45709	45148	98.501	
	15	45471	45703	45721	45869	45077	45884	45014	45738	45955	46362	45146	45940	99.284	
	16	45403	45465	45661	45892	45882	46057	45679	45652	45526	45508	46072	45490	99.357	
	17	45235	45678	45383	45981	45368	44908	46087	46021	45357	46101	45683	45751	99.224	
	18	45027	45706	46132	46397	45170	45884	45650	46162	45472	45038	46280	46150	99.499	
	19	45574	45936	45425	45039	45192	45685	45633	45224	45130	45460	45192	45081	98.684	
	20	45219	45856	45720	45417	45277	45525	45380	45054	44844	45969	45096	46003	98.827	
	21	45105	45665	44866	44920	45399	44923	45309	45695	45380	45627	45188	45799	98.558	
	22	45384	44942	45061	45238	45422	45370	46222	44881	44891	44803	45506	45523	98.443	
	23	45359	45447	44746	44782	45073	45541	45518	45350	44808	45595	45130	45327	98.341	
2	0	45155	45286	45785	44720	46414	46036	45022	45831	45838	45574	45619	45197	99.028	
	1	45360	44676	44710	45764	46314	44723	45618	45757	45720	44850	45320	45603	98.656	
	2	45069	45389	45255	45607	45534	46098	45270	45611	45013	44791	45634	45195	98.665	
	3	45334	45322	45438	45379	45641	45607	45408	45920	46225	45263	45062	45412	98.945	
	4	45633	45633	45624	45455	45528	44874	45626	44961	45013	45351	45127	45449	98.630	
	5	45473	45404	45350	45651	45375	45775	45258	45119	45434	45157	45427	44991	98.656	
	6	45478	45561	45806	45467	45152	45445	45171	45132	45265	45428	45966	45921	98.905	
	7	45562	45401	46276	45429	45762	45023	44941	45385	45408	45780	45722	45079	98.901	
	8	45227	45177	45361	45538	46411	45936	45556	45756	45542	45516	45494	45359	99.101	
	9	46184	45883	45795	45287	45449	45247	45808	45489	44922	45976	45966	46032	99.313	
	10	45290	45370	45450	46024	45247	45718	46074	45095	45963	45591	45217	45591	99.057	
	11	45397	45646	45792	45745	45436	45896	45868	45394	45878	46117	46021	45932	99.509	
	12	45716	46051	45717	45753	45806	46091	45762	45878	46043	45747	45583	46259	99.742	
	13	45457	45718	45860	45297	45454	45325	45188	45746	45441	45962	45688	46064	99.161	
	14	45736	45598	46076	45367	45694	45401	46032	46070	46063	45110	45550	45795	99.394	
	15	45269	45421	45570	45756	45004	45474	45671	45514	45238	45873	45196	45287	98.811	
	16	45384	45783	45683	45517	45107	44954	45497	45512	45741	45570	45206	45591	98.860	
	17	45851	44984	45466	45446	45906	45676	45168	44967	45573	45530	45522	45209	98.816	
	18	45217	45292	45910	45622	45834	45507	45988	45361	45808	45387	45283	45126	99.004	
	19	45966	44749	45421	45898	45295	45509	45101	45195	45671	45420	45338	45194	98.718	
	20	45348	45650	45279	45053	45499	45351	45788	46409	45709	45926	45688	45532	99.166	
	21	45634	45048	45936	44907	44970	45912	46117	45374	45447	45197	45340	45392	98.811	
	22	45191	45301	45492	45254	45230	45594	45100	45355	45467	45414	45152	44872	98.476	
	23	45407	45643	46065	45670	45606	45172	45277	45792	45195	45202	46044	45042	98.964	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
3	0	45590	45008	45506	45458	44665	45423	45094	45146	45575	44945	45034	45191	98.327	
	1	45991	45055	45450	44286	45197	45427	45276	45470	45195	45027	45544	45825	98.534	
	2	45157	45574	45140	44891	44435	45543	45419	44486	45626	45668	45798	45252	98.398	
	3	45552	45268	45409	44885	45167	45197	45332	45800	45828	45486	45010	45309	98.625	
	4	45343	44643	45355	46224	44854	45304	44662	45771	45741	45410	44816	44942	98.411	
	5	45100	45681	45066	45304	45921	45331	44981	45472	45624	45711	45138	45492	98.730	
	6	45160	46089	45247	44967	45466	46152	46299	46073	45892	45413	45289	45222	99.173	
	7	45532	44968	46227	45252	45207	46509	45730	46139	45386	45909	45905	45769	99.402	
	8	45696	45958	44980	45779	45245	45693	45497	45875	46047	45925	45634	45135	99.208	
	9	45823	45750	45767	45629	45388	45444	45728	45533	45050	45816	45702	45280	99.108	
	10	46412	45812	45503	45590	45633	46032	46157	45916	45949	45178	45862	45469	99.579	
	11	45307	46158	46041	45332	46092	45710	46162	45592	45484	46431	45923	46039	99.717	
	12	45579	46285	45970	45829	45876	45738	46117	45518	45304	45595	45104	45602	99.399	
	13	45402	45926	45637	45613	46076	45764	45701	45714	45747	45583	45797	46230	99.521	
	14	46122	45980	46048	45930	45961	45236	45263	45195	45698	45864	45788	45552	99.420	
	15	45669	45663	46077	45853	46080	45688	44688	46202	46206	45189	45569	45710	99.413	
	16	45600	45618	45204	44986	45996	45703	45859	46214	45933	46135	44771	45812	99.275	
	17	45530	45593	45248	45703	45958	45654	45193	45414	45053	46198	45788	45934	99.173	
	18	45633	45874	46008	45757	45667	46447	46171	45644	46142	45690	45418	45852	99.723	
	19	45768	45420	45322	45231	45176	45783	45786	44687	45723	45256	45334	45901	98.832	
	20	45970	45746	45933	45294	45680	45330	45441	45810	46103	45878	45324	46431	99.476	
	21	45051	45736	45677	45468	45337	45468	45616	45787	45108	45335	45543	46088	98.982	
	22	45415	45429	45305	45327	45441	45317	45861	46551	45690	45633	45369	45085	99.020	
	23	45681	45491	45349	45269	45443	46097	45958	45579	45409	46049	45851	45229	99.198	
4	0	45183	45748	45852	45305	46062	45471	45603	45226	45562	45433	45483	45658	99.037	
	1	45777	45330	45351	45384	45687	45761	45092	45452	45543	45312	45924	46491	99.144	
	2	45695	45380	45708	44916	45863	45708	45522	45314	45697	45772	45322	45596	99.033	
	3	46247	45426	45332	45059	46023	45686	45245	46002	45468	46505	45391	45675	99.316	
	4	46020	46030	45521	45515	45686	45444	45528	45487	45544	46497	45987	45001	99.353	
	5	45588	45576	46028	45313	45591	45160	45627	45768	45457	45931	45368	45528	99.112	
	6	45784	46174	45602	45528	45430	45419	45881	45243	45490	45477	45746	46033	99.271	
	7	45612	45816	45669	45711	45752	46012	45568	45370	46148	45175	45881	45428	99.332	
	8	45358	45309	45466	45662	46228	45399	45813	46502	45506	46304	45802	45552	99.469	
	9	45385	45923	45729	45963	46305	45608	45708	45299	45775	45027	46391	45684	99.450	
	10	45907	45560	46039	45672	45138	45436	45812	45697	45133	45278	45700	45659	99.130	
	11	46139	45673	46281	45417	45768	45204	45574	46267	46016	46300	45505	45104	99.532	
	12	45138	46154	45724	45287	45457	45937	45216	45435	46059	45661	45485	46212	99.263	
	13	45743	45473	45678	46080	45538	45514	45917	45262	45843	46164	45803	45580	99.413	
	14	46149	45828	45927	45493	46262	45785	45367	45898	45300	45632	46073	45575	99.539	
	15	45436	45635	45442	45694	45945	45588	45773	46284	46111	45310	45740	45798	99.442	
	16	45890	46202	46248	45476	45702	45861	45202	46026	46151	45164	45660	45796	99.555	
	17	45696	46070	45589	46101	45640	45195	45644	45962	45116	45711	46170	46240	99.511	
	18	45386	45431	46040	45419	45719	45298	45783	45473	46273	45307	45517	45196	99.096	
	19	45763	45408	45286	45576	45597	45294	45055	45259	45512	46089	45066	45138	98.770	
	20	46001	45676	45917	45619	45261	45305	45781	44946	45956	45187	45598	45509	99.080	
	21	46104	45778	45599	45853	45652	45588	45325	45558	45368	46028	45864	45627	99.368	
	22	45874	45660	45811	45802	45488	46055	45740	45482	45115	45459	45717	45214	99.200	
	23	45657	45375	45873	45876	45491	45554	45582	45270	45430	45406	45295	45754	99.045	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
5	0	45382	45123	45812	45993	45295	45621	45421	44970	45819	45028	45053	44953	98.665	
	1	45846	45811	45245	45443	45854	45284	45785	45633	45598	45356	44904	44901	98.881	
	2	44896	45814	45864	45954	45764	45359	44779	45124	45792	45923	45783	45762	99.091	
	3	45287	44984	45612	45979	45609	46057	45044	45227	45888	45968	45630	45393	99.066	
	4	46058	45777	45752	46029	44893	45572	45648	45931	45818	46048	45732	45725	99.484	
	5	45482	45158	45782	46161	45714	45649	45792	45826	45692	46242	45946	46086	99.583	
	6	45871	46394	45991	45521	46128	46030	46169	45560	45840	46123	46413	46336	100.098	
	7	45596	45922	45568	45610	45791	46151	45694	45818	46110	45128	45597	46020	99.488	
	8	45459	46411	45656	45734	46065	45801	46295	45639	45324	45542	45983	45996	99.650	
	9	45781	46402	46169	45403	45784	45301	46069	45818	46551	45663	45058	45757	99.624	
	10	45633	45842	45460	46071	45225	45246	45554	45674	46565	45956	45327	46183	99.439	
	11	45900	45602	45795	45726	46802	45514	45980	46666	45903	45805	45314	46016	99.853	
	12	45631	45721	46280	45862	45521	45539	46138	46213	45762	45874	45672	45113	99.546	
	13	45669	45504	45504	46114	45583	45806	45527	44780	45755	45500	45856	45642	99.167	
	14	45908	45955	45586	45617	45211	46152	46225	45177	45589	45860	46142	45021	99.386	
	15	45669	46222	44833	45992	45564	45871	46048	45746	45180	45601	45545	46252	99.400	
	16	45711	45441	45526	45846	45234	45756	45653	45130	45852	45383	45471	45017	98.947	
	17	45594	44982	44994	45735	45956	45658	45804	45121	45418	45441	45442	45705	98.916	
	18	45564	45014	45077	45735	45051	45371	45566	45437	45618	45698	44925	44825	98.559	
	19	45634	44789	45889	45598	45571	44870	45659	45229	45595	45490	45001	44975	98.635	
	20	44630	45067	45002	45025	45887	45278	44504	45528	44896	45224	45483	45047	98.140	
	21	45459	44792	45539	45606	45378	45457	44598	45148	45346	44980	45035	44359	98.164	
	22	45140	45165	45537	45298	44493	45111	43955	44977	44910	44904	45076	45347	97.840	
	23	44928	45304	44895	44956	45293	44895	44915	44429	44789	44879	44998	45450	97.807	
6	0	44950	44966	45285	44607	44934	44900	44856	44912	45090	44842	44833	45033	97.712	
	1	44589	44765	45214	45348	45409	45183	44938	45429	44825	45431	44742	44731	97.965	
	2	45030	44225	45012	45332	44858	44999	44717	45212	44879	44623	44520	45205	97.604	
	3	44820	44842	45091	45608	44805	45270	45357	45494	44304	44989	44911	45045	97.953	
	4	44543	44873	44989	45159	45156	44782	44964	44659	44706	44723	45065	45090	97.622	
	5	44745	44255	44447	44659	45641	45073	44919	45675	44988	44824	45028	44800	97.684	
	6	44553	44723	45347	45506	45058	45210	44811	44632	45282	44592	44871	45351	97.844	
	7	45602	45427	45595	44833	44642	45444	44931	45335	44366	45226	44606	44661	97.977	
	8	45006	45009	45392	44758	44817	44498	44562	44699	44929	45908	45009	44902	97.763	
	9	44666	45267	44958	44957	44674	44812	45298	45358	45058	44894	45066	44916	97.842	
	10	44667	45352	44369	44912	45315	44996	45469	45114	45189	45265	44731	45135	97.949	
	11	45056	44682	44856	44697	44493	44512	44466	45287	45369	44805	45069	45426	97.623	
	12	44755	45334	45627	45351	44904	45378	44971	44781	45167	44473	44650	45036	97.933	
	13	45039	44670	44450	44882	44926	45269	44991	45504	44755	45230	44791	44815	97.733	
	14	45650	44887	44961	45459	45410	45396	44939	45059	45058	45121	45084	45055	98.232	
	15	45275	45007	44521	45078	45055	45277	44900	45082	45640	45715	45248	44840	98.152	
	16	45185	45378	44819	44827	45002	45449	45368	45083	44722	45353	45154	44816	98.065	
	17	44801	45221	44852	45558	44992	44797	45278	45389	45221	44833	44882	45839	98.157	
	18	46099	44764	45248	44615	45265	44855	44456	45478	44197	44951	45169	44622	97.805	
	19	45441	45225	44783	45306	45457	44713	44991	45202	45302	44709	45035	44400	97.958	
	20	45518	44800	44250	45018	44579	45191	45323	45046	44660	44859	45108	45120	97.760	
	21	44818	44914	45335	44479	45338	45005	44870	45004	44737	44867	44799	45089	97.721	
	22	44486	44727	45211	44781	44469	44548	45008	45244	45255	44474	44646	45620	97.578	
	23	44825	45131	44411	44826	45079	44806	45249	44821	45569	44757	44711	45107	97.727	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
7	0	45065	45049	45027	45291	44827	44491	44903	44720	45088	45112	45111	44950	97.790	
	1	44702	45249	44676	44736	45802	44614	44501	44379	44986	45307	45441	45096	97.763	
	2	44703	45170	45405	44925	45052	45122	45620	45016	45295	45343	44850	45265	98.176	
	3	45441	45119	44193	45367	45097	44844	45277	45099	44658	45785	45340	45306	98.132	
	4	45081	45084	44953	45103	45428	45551	44747	45533	45091	45584	45015	45159	98.278	
	5	45850	44953	45290	45405	45457	44688	44791	45956	45454	45996	44846	45299	98.578	
	6	44811	45605	44894	45006	45521	44726	45443	45489	45218	44696	45280	45160	98.191	
	7	44965	45637	45512	45194	45104	44998	45319	45189	45204	45442	45572	44746	98.378	
	8	45378	45137	45235	45318	45187	44897	45067	45682	45224	45676	45070	45566	98.479	
	9	45294	45115	45491	45147	45320	44904	45759	45059	45548	45593	44654	45194	98.413	
	10	44887	45066	45460	44832	45208	45281	44751	45528	45137	45496	44853	45172	98.159	
	11	45866	45068	45626	45644	45205	44963	44735	45561	44696	44977	45329	44987	98.336	
	12	45402	45170	44251	44926	44949	45277	44436	45146	45002	44979	45371	44913	97.824	
	13	44606	45334	44993	44591	44670	45000	45407	45356	45036	45228	44851	44779	97.829	
	14	44694	45233	44668	45677	45242	44639	44946	45107	45236	44891	45515	45000	98.009	
	15	45268	44793	44305	45472	44885	45239	45175	44967	44648	44669	45109	44661	97.709	
	16	44660	45436	44446	45101	44847	44674	45501	45604	44607	44137	44948	45078	97.682	
	17	45263	44937	44827	44844	45101	44664	44994	44739	44483	44999	44889	44589	97.553	
	18	44474	45077	45180	45091	44864	44757	45290	44907	45548	44471	44690	44920	97.723	
	19	44797	44900	44962	44455	45186	45016	44473	45016	44949	45073	44612	44954	97.564	
	20	44432	44836	45575	45000	45205	44321	44624	44580	45522	44803	44671	44853	97.570	
	21	45045	44945	44884	44780	44442	44511	44936	45570	45645	45273	44839	44953	97.823	
	22	44794	44988	44935	44921	44871	44439	44930	45003	44278	44541	45232	44586	97.406	
	23	45014	44762	45337	44821	44806	45698	45385	44648	45138	45316	44893	45324	98.063	
8	0	45284	45727	44747	45111	45330	45068	44488	45278	45602	45335	45184	44631	98.177	
	1	45568	44423	45111	45149	45280	45228	45331	45589	44916	45442	44946	44856	98.189	
	2	46025	44838	44760	45329	45474	44849	45016	44952	45654	45069	45003	45383	98.282	
	3	44872	44767	45405	45615	45010	45721	44999	45329	44686	45304	44889	45708	98.273	
	4	45116	45271	45170	45221	45468	45196	44843	44944	45780	45593	45714	44578	98.380	
	5	44980	45319	45105	44727	44867	44840	45532	45184	45075	45128	45392	44883	98.042	
	6	44554	44913	45051	44873	44948	45731	44905	44399	44897	45412	45201	45699	97.961	
	7	44743	44798	45192	44997	44836	44522	44724	45084	44793	45175	45072	45533	97.759	
	8	44699	45123	45417	44692	44872	45253	45713	45551	45018	44926	44237	44718	97.895	
	9	45562	44985	45396	45356	45047	44840	45401	45297	45062	44801	44964	45454	98.248	
	10	44506	45616	44460	45135	44983	44704	45144	45193	45642	45434	45782	45573	98.250	
	11	45413	45411	44685	45092	44880	44770	45576	44995	45466	45263	45191	44939	98.160	
	12	45241	45426	44728	45151	44714	45436	44043	45443	44623	45688	45127	44700	97.913	
	13	45463	45214	44999	45042	45482	45201	44685	44957	45169	44978	45079	45042	98.093	
	14	44936	45143	45294	45344	44845	45207	44754	44366	44764	45009	44642	45524	97.825	
	15	44614	44515	44905	44422	44733	44870	45227	44449	45286	44897	45543	44888	97.556	
	16	45268	44633	44659	45170	45132	44867	44483	44421	45080	45127	44810	45125	97.634	
	17	45370	45233	45156	45076	44689	44908	45650	44956	45038	44903	44664	44201	97.828	
	18	44775	44842	44655	44993	45319	45658	45032	44326	45179	44695	45296	44491	97.722	
	19	44682	44711	44993	45348	44580	45132	44769	45016	45042	44757	44957	44402	97.563	
	20	44975	44673	45314	45235	45113	45310	44990	45070	45303	45564	45016	45003	98.140	
	21	45158	44514	44811	44686	45016	45124	44596	44377	45230	44593	45660	45496	97.722	
	22	45128	44614	44736	44612	44695	45051	44873	45879	44925	45501	45177	45053	97.900	
	23	45364	44530	45131	44111	45101	44721	45174	44848	44706	45197	45182	45196	97.722	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64			
		INAF/UNIRomaTre														
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm		
9	0	44891	45407	45577	45235	44774	44677	44885	44677	44676	44531	44982	44614	97.655		
	1	45215	45126	44629	45650	45173	44243	45443	44932	45216	45188	44897	44756	97.940		
	2	45286	45191	44722	45388	45177	45138	45376	45170	45531	45155	44899	45035	98.230		
	3	44766	45194	45121	44960	45049	44856	44712	44624	45169	44703	45276	45164	97.782		
	4	44784	44290	44650	44664	44955	45254	45513	45338	45576	45043	44915	44630	97.785		
	5	44859	44758	45103	45335	44830	44412	45195	45876	44867	45190	44468	45314	97.893		
	6	45116	44484	45227	44867	45024	45029	45127	44967	44433	44605	44978	45653	97.767		
	7	45280	44542	45580	45414	46080	44901	44640	45345	44529	45465	45459	44987	98.258		
	8	44648	45059	45257	45013	45045	45279	45234	45242	45302	45273	44992	45397	98.171		
	9	45049	45065	45204	45715	45722	44836	45682	45655	45515	45048	44845	45643	98.577		
	10	45136	45095	44952	45250	44566	45747	45175	44945	45049	44768	44631	45147	97.939		
	11	45028	45195	44367	44774	45117	44789	45258	45117	45339	44534	44832	45248	97.783		
	12	44877	45747	45171	45180	45118	45324	45068	45685	44938	45342	45476	44669	98.326		
	13	45057	45013	45470	45426	45027	44887	45409	45097	44787	45214	44869	45781	98.225		
	14	45035	45450	45243	44562	45155	45329	44420	45032	44543	45772	45207	45326	98.050		
	15	44806	44810	44821	45238	45119	44806	44851	44608	44915	45433	45422	45174	97.856		
	16	45042	45326	45028	45332	44798	45301	44781	45345	44857	45051	44487	44643	97.854		
	17	44574	44534	45517	44762	44856	44856	45016	44519	45216	45089	44825	45197	97.667		
	18	44691	44912	44664	44946	45036	44176	44937	44521	45173	45392	45306	45501	97.720		
	19	45210	45077	44933	44947	45137	45489	44482	45030	44663	45116	45331	45027	97.936		
	20	45181	44939	45323	44358	45156	44645	45148	44639	44367	44871	44289	44542	97.396		
	21	44833	44934	44844	44956	44548	45339	44529	44624	45334	44609	45402	44893	97.646		
	22	44581	44897	44849	44818	44965	44674	44623	44812	44449	45120	44993	45279	97.504		
	23	45045	45395	44837	44753	44824	44546	44977	45493	44920	44909	45413	44948	97.867		
10	0	44706	45414	44614	45120	44860	44819	44826	44836	45022	44650	44681	44801	97.556		
	1	44850	45297	44805	44300	45251	44991	45025	45430	44698	45122	44280	45321	97.741		
	2	45220	44986	44854	44714	44734	45285	45011	44495	44803	44859	45076	45091	97.698		
	3	44619	45182	45072	45532	44864	44986	45165	45204	45017	45777	45293	45183	98.199		
	4	45210	44424	44976	44641	44745	45247	45736	45556	45796	44848	45212	45080	98.122		
	5	45167	45307	44850	45214	44790	45395	44767	44699	44878	45304	45333	45185	98.017		
	6	44864	44847	45833	44560	44574	44587	45444	45095	45395	45356	44512	45190	97.902		
	7	45330	44972	45083	44753	44690	45609	44877	45261	45082	45347	44867	45344	98.076		
	8	44814	45508	44446	45325	45150	45120	44939	45282	45064	45017	44935	45271	98.013		
	9	45299	45546	45619	45513	45511	44868	44740	45525	45103	45643	44909	45237	98.492		
	10	44814	45792	44671	45236	44994	45099	44995	44737	44997	45185	44590	45169	97.906		
	11	44719	45246	45334	45103	44832	44940	44588	44992	45732	44542	45096	44823	97.846		
	12	44998	45396	45479	45137	45085	44976	45240	45058	44918	44551	44954	45179	98.032		
	13	45106	45160	44199	45598	45435	45267	45500	44688	44979	45313	44533	44739	97.949		
	14	44804	45068	45009	45412	44830	44687	45399	45073	44796	45302	44691	44662	97.808		
	15	45113	44930	45334	45137	45003	44804	45144	44890	44908	44940	44859	44885	97.846		
	16	45182	44955	45253	44566	45047	45375	44808	44851	44865	44835	45258	45183	97.888		
	17	45438	44391	45645	45112	44351	44787	45234	45144	45109	44724	44680	45532	97.882		
	18	44630	44914	44821	44473	45773	45320	44988	44626	44922	44994	45285	45420	97.886		
	19	45192	45648	45702	44894	44990	45371	45128	44968	45284	45042	44753	45047	98.222		
	20	45537	44589	45004	45246	44826	45256	44943	44785	44881	45516	45330	45097	98.039		
	21	44138	44889	44430	45221	45127	45513	45367	45433	45114	44554	44974	45222	97.852		
	22	44573	45094	44541	44680	44850	44662	44846	44748	44914	45064	45521	45401	97.655		
	23	45891	44865	44781	44961	45149	45401	44365	45089	45018	44879	45016	44774	97.890		

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
11	0	45049	44673	45092	44548	44976	44956	45500	45044	44766	44316	44978	44460	97.554	
	1	44953	45214	44767	44762	44489	45014	44757	45719	44141	45128	44318	44445	97.440	
	2	44663	44726	45546	44798	44907	45037	45255	44798	43791	45413	44753	44617	97.548	
	3	45618	45098	45396	45236	45257	45255	44588	45208	45401	44850	45140	44759	98.183	
	4	45350	45364	45142	45682	45409	45128	45528	44982	45292	45347	45226	44930	98.468	
	5	44965	45215	45334	45723	45461	45176	45390	45386	44995	44840	45447	45511	98.479	
	6	44550	44837	44969	44570	44733	45299	44929	45306	44703	45245	45506	44866	97.767	
	7	45295	45454	45300	44680	44391	44905	44709	45137	45394	45506	45282	45230	98.088	
	8	45931	45901	45520	44758	45155	45118	44950	45713	45414	45312	45199	44934	98.563	
	9	45261	45204	44618	45050	45944	45220	44594	45078	45390	45063	45108	45381	98.202	
	10	45343	45482	46194	45104	45105	45132	45960	45690	45045	45572	45059	45330	98.764	
	11	44892	45022	45346	45016	45245	45099	45493	45431	45242	45214	45529	45436	98.393	
	12	44662	45270	45203	45753	45076	45766	45938	45013	44830	45009	45437	45249	98.436	
	13	44455	44771	45535	45180	45240	45365	45129	45361	44850	45403	45561	45249	98.236	
	14	44896	45553	44804	44756	45385	45232	44936	45405	44570	44957	44801	44932	97.897	
	15	44583	45553	45172	44067	44870	45394	44792	45237	44314	44959	44861	45146	97.665	
	16	45048	45423	45270	46114	45115	44909	44915	44745	44993	44223	44748	45210	97.985	
	17	45174	44866	45863	44736	45310	44956	45056	45121	45057	45559	45251	45245	98.253	
	18	45467	45174	44990	45257	44968	45294	45149	45252	45026	44810	44448	44517	97.920	
	19	45167	45199	45019	45270	44518	44935	45088	44791	45358	44696	45562	45237	98.008	
	20	46071	44600	44923	45019	45494	45528	44771	44677	45238	45250	45546	45427	98.316	
	21	44384	44584	45270	45320	45385	45038	45436	45276	45083	45360	44754	45051	98.026	
	22	44868	45258	45342	45226	45261	44457	45040	45350	45276	45327	44548	45123	98.051	
	23	45228	45759	45224	44676	44997	45941	45306	45960	45149	45927	45233	45357	98.718	
12	0	45067	45541	45728	45860	46151	45147	45949	45514	46217	45420	45943	45622	99.326	
	1	45253	46248	45328	45150	45132	45637	45266	45143	45504	45668	45533	45395	98.808	
	2	45604	45540	45788	44939	46133	45703	45278	45486	45942	45126	45902	45251	99.068	
	3	45869	45379	45716	45428	45996	45618	44958	46063	45442	45242	45885	45365	99.117	
	4	44942	46232	45488	45479	45537	45509	45321	45209	46326	46144	45654	45597	99.204	
	5	45002	45878	45108	45181	45508	46044	45717	44704	46347	45502	45569	45465	98.947	
	6	45052	45758	45760	45446	45832	46363	46190	45658	45387	46522	46502	45589	99.678	
	7	45727	45311	45971	45788	46193	45562	45074	45541	45972	45079	45440	45606	99.172	
	8	45242	45729	45958	46087	45933	45684	45176	45417	45953	45562	45446	45182	99.191	
	9	46044	46134	45391	45347	45460	45927	45366	45838	45266	45754	45695	45770	99.304	
	10	45514	45804	46267	46032	45644	46440	44949	45693	45573	45984	45716	45148	99.444	
	11	45555	45834	45601	45246	45903	46094	45429	45696	46303	45446	45441	45778	99.364	
	12	45925	45655	45966	45884	45319	45529	45500	44937	46325	45410	46123	45589	99.334	
	13	45730	45894	45782	45289	45807	45727	45809	45612	45571	45652	46223	45972	99.499	
	14	45701	46213	45309	45476	45377	45897	45729	45203	45344	45666	44982	45785	99.067	
	15	45069	45252	45661	45310	45710	45410	45071	45163	45241	45642	45383	45315	98.622	
	16	45334	45233	45183	45475	45170	45561	45477	45790	44974	45438	45585	44771	98.579	
	17	45120	45062	44801	45473	45670	45173	45089	45341	45193	45094	45020	45838	98.377	
	18	45388	45685	45631	44420	45409	45805	45818	45244	46353	45169	46047	44902	98.920	
	19	44966	45588	45509	45737	45220	45313	45351	45034	44961	45091	45395	45856	98.584	
	20	45276	44920	45023	45435	45580	45544	45230	45899	45563	45569	45285	45843	98.792	
	21	44883	46146	45729	45756	45659	45954	45065	46276	44987	45243	45873	45204	99.083	
	22	44978	45579	44900	45270	45495	45478	45688	45281	44954	45838	45249	45409	98.602	
	23	45407	45845	45103	45499	45408	45645	45235	45522	45290	45711	45038	45385	98.778	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
13	0	45129	44863	46168	45292	45288	45515	44964	45280	45415	45181	45224	45137	98.480
	1	45399	44865	45738	45767	45945	44682	45540	45090	45343	44544	45624	45430	98.575
	2	45565	45060	45294	45178	45041	45323	44639	45710	45552	45675	45494	44680	98.437
	3	45802	45608	45525	45403	45130	45460	44798	45214	45221	45551	44939	45504	98.608
	4	45462	45275	45715	45658	45457	45581	45115	45232	45650	45387	45462	45313	98.818
	5	45326	45622	45790	45582	45787	45332	45671	45890	45902	45535	45100	45602	99.149
	6	44958	45224	45578	45281	45297	45540	46022	45503	44968	44950	44901	45167	98.469
	7	45534	45769	46001	45365	45387	45145	45319	45866	45480	45516	45602	45726	99.071
	8	44875	45446	45797	45309	45829	45341	45428	45668	45737	45098	45448	45298	98.811
	9	45428	45046	45029	45626	45246	45684	45219	45820	45940	45142	45471	45870	98.856
	10	45453	45014	45210	45665	45816	45540	45839	45538	45746	45888	45696	45039	99.024
	11	45053	45156	45513	45796	45967	45664	45937	45874	45948	44774	45436	45687	99.089
	12	45841	46104	45379	45329	45617	45326	45532	45102	45700	45620	45424	45506	99.030
	13	45939	46040	45818	45356	45515	45431	45319	45829	45654	45209	45440	45569	99.145
	14	45301	45494	46783	46217	45293	45612	45707	45002	45854	45708	45678	45229	99.283
	15	45525	45884	45791	45305	45215	45315	45298	45140	45145	45065	45784	45855	98.820
	16	45277	45528	44765	45416	45743	45721	46311	45459	45656	45240	45456	45141	98.891
	17	45278	45343	45439	45223	45454	44913	45421	45471	45533	44944	45055	45225	98.454
	18	45399	45096	45888	45130	44926	45096	44965	45216	45545	45461	45699	45436	98.554
	19	45418	45105	44868	45941	45961	45454	45120	45205	45868	44891	45021	45282	98.605
	20	45219	45176	44821	45186	44989	45492	45964	45336	45152	45123	45192	45053	98.346
	21	45703	45360	45702	44912	45464	45055	45256	45223	44999	44962	45099	44780	98.312
	22	45285	45102	44938	45275	44639	45159	45504	45409	45047	45228	45422	44906	98.203
	23	45246	44844	44959	44862	44921	45586	45650	44912	45418	45505	45301	45132	98.279
14	0	46063	45463	45279	45285	45236	45118	45099	44997	45588	45031	45955	45776	98.740
	1	45071	45429	45094	45498	45032	45306	44961	45743	44981	45014	45718	45879	98.531
	2	44804	45795	45786	45125	44841	45249	44459	45353	45661	46179	45648	46150	98.771
	3	45295	45350	45442	45655	44888	45066	45571	45072	45121	45884	45442	45324	98.600
	4	45056	45187	44911	45196	45603	45892	45890	45532	45868	45680	45127	45651	98.869
	5	45362	45579	45047	45328	45472	45629	45038	45141	45545	45605	44714	44837	98.454
	6	45472	45430	45441	45013	45490	45014	45311	45871	45806	45329	45106	45623	98.745
	7	46033	45181	45029	45474	46124	45890	45344	45907	45290	45306	45489	45454	99.038
	8	45792	45558	45245	45727	45619	45525	45948	45696	45594	45939	45673	45427	99.259
	9	46017	45650	46175	45695	45169	45937	45571	45516	44914	45514	45763	45246	99.154
	10	45280	45981	46269	45767	45407	44942	45908	45654	45940	45526	45496	45035	99.161
	11	46109	45386	46095	45365	45185	45989	45571	45800	45787	45852	45299	46163	99.414
	12	45396	45301	45831	45308	45729	45211	45947	46239	45954	45460	45820	45793	99.304
	13	45434	45962	46024	46188	46336	44559	45761	44906	45414	46190	45276	45262	99.180
	14	45790	45737	45544	45192	45466	45578	45883	45479	45636	45739	45687	45092	99.092
	15	45766	46242	45123	45128	44866	45529	45532	45988	45601	45723	44897	45562	98.935
	16	45257	45808	45861	45045	45560	45305	45798	45225	46004	44966	46099	45139	98.955
	17	45915	44789	45692	45336	45661	45696	44978	44807	45366	45390	45569	45463	98.700
	18	45851	45578	45051	45362	45489	45797	45585	45458	45200	45577	45701	45273	98.929
	19	46022	45220	45814	45733	45802	45913	45316	45494	46054	45573	45011	45279	99.166
	20	45663	46276	45402	44808	45298	45410	45054	45144	45068	45286	45864	45598	98.739
	21	44850	45464	45521	45600	45684	45568	45708	45558	46099	45524	45958	45360	99.105
	22	45084	45534	45636	45200	45065	45826	45590	45881	45509	45332	45504	45866	98.948
	23	44916	44794	46162	45323	45086	45266	45320	45266	45790	44887	45539	45192	98.498

		INAF/UNIRomaTre S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											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
15	0	45262	45151	45928	45404	46127	45574	45812	45271	45215	45422	45146	45139	98.837
	1	45655	45405	45303	45508	45288	45349	45150	45768	45677	45213	45162	45993	98.848
	2	45565	45051	45090	45201	45431	45715	45262	45573	44909	45066	44860	45137	98.374
	3	45442	45263	45658	45672	44737	45233	45506	45344	45705	45225	45485	46038	98.818
	4	45690	45798	45096	45601	45696	45794	44863	45040	45524	45777	45636	45259	98.902
	5	46157	44675	45285	45333	45714	45198	45848	45057	45405	45178	45164	45507	98.675
	6	45446	45468	45924	45239	45023	45650	45044	45207	45044	45987	45485	45064	98.686
	7	45432	45083	46132	45705	44927	45503	45852	46098	45971	44995	44921	45022	98.878
	8	45796	45859	45458	45853	45608	45397	46160	46081	45636	45839	45736	45121	99.404
	9	45970	46249	45734	44940	45859	45560	45909	46786	45527	45902	45613	45845	99.649
	10	46343	45988	46148	45956	45885	45270	45455	45971	46028	46019	46006	45745	99.815
	11	45750	46391	45572	46053	45662	45676	46088	46028	46339	45665	45990	45464	99.791
	12	45830	45852	45341	45460	46002	45933	45825	45973	45935	45742	45227	45139	99.354
	13	45626	45572	45477	45347	45337	45357	45911	45170	45829	45786	45327	46024	99.081
	14	45303	45540	46084	45175	46093	45685	45765	45864	45137	45802	46524	45735	99.434
	15	45442	45983	46081	44888	45990	45769	45983	45400	45896	45740	45600	45910	99.429
	16	45284	46509	46279	45210	45858	45016	45825	45001	45779	45467	45435	45972	99.240
	17	46197	45634	45919	45657	45620	45816	45375	45718	45521	45526	45385	46182	99.406
	18	45879	45360	45463	45812	46072	45085	45085	44664	45850	45960	46098	44909	98.986
	19	45494	45437	46074	45831	44793	45374	45874	45295	45337	45264	45711	45874	99.009
	20	45894	45788	46069	45585	45557	45851	46281	46182	45393	45484	45736	45335	99.515
	21	45390	45515	45629	45497	45395	45725	45140	45675	45014	44994	45423	45904	98.816
	22	45504	45627	45552	45296	45916	45691	45262	45790	45520	45757	45445	45991	99.188
	23	45867	45566	45554	45490	46043	44917	46036	46100	46003	45073	45255	45475	99.193
16	0	44765	45418	45408	45844	46314	45671	45395	45570	45452	45672	45579	45581	99.064
	1	45954	44965	45586	45476	46248	45676	45422	45814	45400	45328	45447	45653	99.118
	2	45833	46065	45851	45374	45334	45023	45578	45557	45575	45564	46001	45236	99.123
	3	45329	46044	46015	45601	45676	45626	45288	45721	45047	45588	45616	45833	99.194
	4	45400	45326	45827	45741	45307	46215	45387	45346	45545	45532	45813	45275	99.072
	5	45087	45023	45251	46168	45321	45602	45900	45605	46186	45261	45829	45575	99.089
	6	45624	46016	45616	45594	45771	45471	46006	46227	45348	44935	46364	45350	99.364
	7	45464	45878	45584	45800	45563	46137	45564	45905	45572	45642	45775	45461	99.368
	8	45941	45850	45759	45822	45300	45411	46389	45746	46093	45451	45823	46098	99.610
	9	45630	45838	45426	45986	45518	46073	45390	45324	46320	45506	46172	45628	99.453
	10	46130	45830	45687	45978	46203	46150	45469	46209	45423	45954	45917	45838	99.811
	11	46892	46036	45791	46128	46055	46009	45675	45539	45802	45482	45902	46616	100.017
	12	45809	45589	46035	45898	46004	46084	46189	45807	45838	46250	45595	46039	99.874
	13	45800	46235	46456	45788	45950	45523	45766	45875	45465	46262	45889	46062	99.862
	14	45940	45948	46113	46094	45636	46118	45889	45994	46005	45842	45652	46107	99.910
	15	46316	45815	45846	45460	45779	46173	45498	45667	46105	45683	45634	45768	99.622
	16	45922	46240	46042	45680	45348	46213	46030	45802	45363	45644	45627	45672	99.593
	17	45602	45980	45791	45916	46161	45471	46204	46359	45864	45757	45684	46138	99.836
	18	46597	46271	45718	45427	45445	46196	45665	46088	46265	45360	45369	46114	99.762
	19	45868	45470	45545	46148	45847	45936	45932	45488	45637	45905	45525	46321	99.599
	20	45490	45702	45342	45491	45678	45709	45984	45501	46333	45495	46177	45456	99.370
	21	45617	45714	45601	45560	45893	46420	45414	45740	45753	45930	46280	46181	99.686
	22	45720	45835	45664	45613	45694	46405	46345	45521	45725	46212	45952	46087	99.808
	23	45557	45724	45857	45877	46520	45852	46012	45378	46141	45799	45784	46258	99.806

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
17	0	45990	45725	45780	46454	45175	46058	46400	46216	45317	46380	46243	46618	100.088
	1	45612	45588	46644	46242	46187	46408	45392	45556	45662	45640	45705	45240	99.645
	2	46008	46558	46434	45755	46586	45826	45560	45535	45751	45890	45942	46017	100.005
	3	45583	46145	46182	46155	45561	46424	45507	45788	45989	46290	46035	45936	99.957
	4	45725	45928	45531	45856	45811	45297	45792	45797	45940	45799	46372	46171	99.671
	5	46232	46204	45358	46203	45782	45443	45171	45242	46193	45587	45321	45828	99.408
	6	44935	46120	46166	45363	45693	45635	45456	45458	45566	46080	46153	45690	99.363
	7	46090	46070	45491	45654	45411	45586	46222	45606	45305	46723	45272	45919	99.550
	8	46436	45918	46049	46067	46038	45797	46706	46359	45485	45454	46256	45838	100.103
	9	45660	46181	45853	46211	44785	46474	46369	46414	45822	45410	45864	45944	99.847
	10	46685	46215	45567	45908	45510	46365	45778	45833	46242	46142	45932	46087	100.078
	11	46035	46353	45725	46213	45984	45956	45494	46017	45767	45744	45456	45502	99.712
	12	46118	46612	46058	46259	45986	46708	45706	45756	45779	46168	46344	45553	100.220
	13	45987	45359	46014	46475	46039	45417	45980	46729	46104	45903	45829	45824	99.969
	14	45763	45884	45585	46017	46152	46079	46354	45849	45560	46421	45922	45686	99.898
	15	46093	46445	45847	45500	46104	45904	46216	46325	46256	46232	45844	46022	100.173
	16	46287	45749	45339	46384	45678	46436	45696	45837	45714	46861	46195	45680	100.004
	17	45860	46313	45993	45875	46014	45394	45300	45567	45897	46078	45803	45635	99.619
	18	45813	45176	46152	45436	46163	45680	45577	46255	45288	45567	45833	45460	99.378
	19	45243	45609	45728	46024	45525	45472	45594	46239	45683	45884	45780	45392	99.336
	20	45904	46053	45490	45006	45165	45870	45873	45982	45446	45800	45696	45773	99.316
	21	46006	45314	45626	45326	45982	45207	45329	45636	45764	45636	45536	45762	99.147
	22	45683	45748	44794	45218	45298	45835	44886	44712	45723	45530	45571	44788	98.542
	23	45664	45353	44979	45399	45442	46151	45346	45920	45992	45203	45809	45180	99.023
18	0	45806	45135	45391	45674	45912	45388	45154	45259	45395	46071	45062	45462	98.879
	1	45602	45375	45196	45431	45144	45665	45408	45274	45768	45535	45266	45639	98.817
	2	45964	45454	45254	45112	45298	44795	45874	44860	45418	45712	45063	45010	98.546
	3	45538	45349	44964	44937	45131	44481	46096	45104	46367	46080	45529	45441	98.765
	4	45239	46283	45638	44984	45388	45010	44929	44926	45468	45464	45296	45318	98.570
	5	45262	45268	45575	45253	45057	45525	45523	45193	45170	45131	44933	46089	98.577
	6	45381	44962	45066	45460	45015	45519	45203	45777	45103	45933	46023	45250	98.706
	7	45430	45645	45730	46807	45318	45461	45907	45210	45582	45548	45610	45532	99.266
	8	45298	45977	45255	45951	45525	45936	45772	46254	45314	45615	45545	45724	99.336
	9	45837	45805	46081	45212	45961	45316	45991	45727	45490	45764	45776	46253	99.526
	10	45693	45310	45394	45775	45779	45679	45785	45577	45328	45948	45388	45576	99.166
	11	45863	45620	45728	45372	46063	45620	45596	45753	46545	46177	45845	46007	99.702
	12	45943	45503	45625	45110	45644	46149	45401	45905	45782	45200	45889	45645	99.268
	13	45866	45513	46441	45605	45676	45710	45476	45809	45990	45513	45642	45522	99.444
	14	45485	45739	45644	45571	45775	45624	45642	45255	45996	45754	45381	45548	99.199
	15	45416	45497	45932	45557	45789	45160	45145	45181	45030	45578	45351	45486	98.784
	16	45346	44900	45025	44923	44704	44098	45243	45229	45085	44786	44942	45193	97.760
	17	44656	44839	44565	44893	45333	45120	44014	44676	44845	44872	44527	44993	97.372
	18	44616	44390	44438	44438	44341	44071	45065	44677	44553	44875	44862	45289	97.061
	19	44616	44625	44620	45117	44530	44330	44719	44839	44487	44772	44707	44840	97.168
	20	44587	44281	44435	44545	44590	44529	45052	44815	44315	44244	44133	43931	96.670
	21	44626	44355	44191	44110	44299	44255	44717	45163	44496	44523	44437	44801	96.763
	22	44461	44815	44689	44201	44423	44334	44888	44646	44303	43813	44419	44828	96.736
	23	44723	44787	44301	44185	44200	44245	44705	44454	44066	44691	44773	44604	96.720

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
19	0	44461	44637	45007	44996	44591	44589	44882	44418	44941	45054	44645	44274	97.211	
	1	44426	44887	45373	44876	43943	44114	45172	45122	44770	44571	44416	44572	97.174	
	2	44167	44119	44922	45077	44934	44844	44875	45057	44694	44094	44924	45288	97.311	
	3	44554	44835	44635	45015	44684	45315	44884	44532	45344	44808	45476	45297	97.743	
	4	43887	45369	44537	44786	45105	44896	44302	44926	44556	44421	45133	44911	97.281	
	5	45052	44730	45648	45275	44441	44823	45333	44465	45029	44480	45399	45336	97.857	
	6	44621	45091	45097	45267	45537	45208	45035	45309	44630	44638	44486	45100	97.859	
	7	45209	44408	44782	44982	45138	45038	45279	45877	44522	45501	45472	44762	98.031	
	8	45073	45289	44487	44988	45176	45028	44907	45074	45817	45155	44621	44952	97.958	
	9	45157	44989	44516	44935	44836	45147	44471	45370	45172	45125	45044	44885	97.791	
	10	45051	45080	44987	44825	44945	44583	45167	45389	44567	44768	44832	45161	97.739	
	11	44425	45483	45106	45077	44670	44667	44596	45204	44558	44565	45114	44915	97.562	
	12	44339	44710	44593	44585	44840	44309	44593	44790	44103	44232	44301	44878	96.818	
	13	44805	44971	44872	44523	44477	44576	44421	44543	44744	44636	45001	45203	97.270	
	14	44666	44875	45082	44133	44657	44772	44956	45105	44621	44667	44518	44734	97.273	
	15	44575	44601	45024	44604	45047	45026	44498	44683	44693	44518	44319	44798	97.201	
	16	44528	45303	43956	44388	44515	44115	44967	44959	44692	44825	44578	44149	96.945	
	17	43883	44828	44608	44313	44131	44109	44027	44640	44771	44090	44181	43977	96.326	
	18	44587	44454	44569	44552	44292	44070	44405	45010	45125	44548	44799	44078	96.857	
	19	44350	44233	44629	44263	44474	44738	44956	44355	44532	43889	44450	43947	96.554	
	20	43682	44253	44274	44695	43843	44383	44467	44532	44878	44520	44420	44582	96.502	
	21	44591	44544	44807	44851	44468	43884	44613	44463	44500	44487	44854	44562	96.881	
	22	45121	44411	44806	44084	44183	44420	44720	44357	44315	44721	44745	44478	96.834	
	23	43950	45006	44585	44564	44753	44528	44583	44283	44610	44767	44436	44305	96.835	
20	0	44420	44911	44763	44849	44251	44093	44987	44917	44001	45231	45526	44868	97.281	
	1	44434	44671	44523	44085	44421	44935	44208	44981	44197	44347	45146	44481	96.846	
	2	44756	44586	44131	45290	44535	44597	44910	44692	44703	44571	44741	44907	97.207	
	3	43987	44885	44621	44893	44867	45301	44582	44046	44773	44622	45111	44971	97.250	
	4	44349	44979	44802	44706	43984	44564	44900	44287	44618	44401	44832	44524	96.940	
	5	44865	44712	45139	44568	44937	44776	44580	44407	45025	44991	44815	44511	97.371	
	6	44361	44660	44508	44418	44491	45276	44509	45889	44719	44758	44928	44559	97.326	
	7	44398	45184	44911	44820	44714	44917	44994	44871	44554	44575	45021	45248	97.531	
	8	44886	44769	45275	45287	44238	44785	44777	44491	43952	44733	44521	45622	97.373	
	9	45014	45105	44895	45176	44489	44724	44099	44653	44996	44676	44609	44860	97.365	
	10	44833	44869	44652	45502	44619	44960	44573	44612	44612	44913	44882	44357	97.382	
	11	44259	44151	45162	44879	44348	44923	44656	44914	44707	44552	43945	45123	97.062	
	12	44909	44209	44722	44237	44595	44401	44263	44588	44251	44178	45058	44686	96.786	
	13	44292	44832	44762	44339	45250	44562	45516	43984	44803	45108	45053	44577	97.326	
	14	45297	44576	45018	44665	44626	44655	44787	44601	45005	44164	45026	44802	97.352	
	15	44602	44769	44788	44478	44572	44661	44908	45096	44925	44471	45054	45262	97.418	
	16	44527	44901	44837	45018	44872	44637	44276	44486	43963	44624	44590	44336	96.962	
	17	44791	44332	44114	44377	44495	44656	44489	44612	44591	44789	44207	44508	96.761	
	18	44157	44169	44385	44075	44013	44250	44407	44688	44431	43997	44906	44465	96.395	
	19	44498	43860	44397	44247	44101	44284	44191	43610	44093	43521	43855	43257	95.665	
	20	44574	43487	44336	43604	43629	43691	43982	44353	44071	43311	43350	43801	95.353	
	21	43753	44640	44315	44070	44218	44485	44226	44015	43727	44124	44212	43983	96.001	
	22	43750	43502	43901	44275	43651	44007	44387	44154	44829	44368	44100	43955	95.841	
	23	44270	44529	44245	44351	44654	44264	44141	44172	43829	44665	44651	44082	96.380	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
21	0	44457	44008	43869	44013	44140	44215	44118	44116	43941	44532	43884	44156	95.936	
	1	44175	44389	44598	44363	44749	44401	44105	44689	44603	44197	44320	44293	96.566	
	2	44483	43944	44241	45048	44770	44269	44940	45033	44973	44171	44597	45520	97.129	
	3	44821	45276	44272	44215	44514	44843	44322	44635	44574	44529	44705	44846	97.050	
	4	44264	44861	43899	44881	44740	44749	44559	45091	45011	44950	44570	44776	97.194	
	5	44821	44482	44589	44936	44815	44676	43983	44725	44754	45005	45396	44546	97.263	
	6	44148	44765	45095	44683	44087	45282	44861	44266	45260	43808	44769	45440	97.215	
	7	44894	45377	44807	44735	45825	45016	44065	44664	44777	44546	45063	45563	97.735	
	8	44920	45141	44452	44425	44384	44676	44838	45085	44401	45333	44662	45660	97.489	
	9	44895	44825	45003	45174	44219	45199	45058	44670	44942	45441	44655	44700	97.635	
	10	44966	44934	44734	44179	45041	45081	45078	45278	44678	44918	44497	45117	97.584	
	11	45180	45047	44588	45038	45452	45032	45436	44923	44591	44458	44644	45200	97.781	
	12	45511	44716	44924	44503	45012	45140	44856	45282	44946	44631	44914	44819	97.721	
	13	44536	44977	44682	44447	44489	44499	44797	44631	45483	44957	44931	45285	97.441	
	14	44209	44800	44423	44606	45109	45085	44458	44790	44350	44610	44518	44658	97.062	
	15	44689	44681	44430	44830	44027	44512	44465	44482	45033	44683	44833	44810	97.035	
	16	44590	44863	44481	44725	45102	44514	44448	44567	44097	44845	44607	44391	96.991	
	17	44646	44165	44519	44814	44508	43887	44409	44405	44812	44377	44555	44118	96.627	
	18	44248	44430	44391	44613	43885	44523	45314	44688	44258	44629	44355	44056	96.658	
	19	44394	44611	43796	44534	44742	44842	44195	44787	44807	44007	44626	44657	96.768	
	20	44535	44512	44074	44125	44838	44451	44506	44721	44630	44533	44400	44503	96.737	
	21	44215	44708	44099	44667	45011	44306	44261	45401	44507	44572	44232	44585	96.871	
	22	44750	44699	44580	44287	44127	43826	44303	44504	44784	44324	44586	43946	96.536	
	23	44484	44354	44137	44891	43771	45071	44182	44484	44583	44850	44030	44335	96.618	
22	0	44811	44614	45090	44743	43870	44943	44762	44596	44436	44852	45071	45168	97.303	
	1	45179	45625	44966	44189	45004	44949	44645	45780	45071	44734	44995	44711	97.828	
	2	44661	44409	45383	45101	44767	45124	44668	44444	45733	44984	45149	45084	97.766	
	3	45262	44974	45367	44825	44694	45278	45405	45049	44480	45116	45156	44828	97.935	
	4	44908	45560	44691	44952	45129	45080	45093	44433	44937	45136	44970	44888	97.816	
	5	45033	45079	45604	45308	44695	45269	44758	44945	44730	45027	44387	45151	97.853	
	6	45039	45270	45009	44918	45086	44987	44690	44925	44801	45305	45024	44755	97.821	
	7	45268	44684	44933	44823	45507	45109	45274	44870	44650	45089	44844	45170	97.896	
	8	44344	45263	45626	45437	44568	45311	44905	44503	44666	44816	44784	44939	97.704	
	9	44528	45393	45462	44525	44196	44655	44626	45098	44833	44612	44575	45010	97.405	
	10	44870	44697	44950	45441	44816	45003	44636	45619	44851	45099	44837	45288	97.875	
	11	44584	45150	44439	45019	44571	44044	44700	44306	45013	45001	44616	44991	97.210	
	12	44758	44612	45060	44362	44244	44942	44888	44641	44350	45255	44930	44667	97.259	
	13	44763	44557	44614	44746	45135	44193	44828	44792	45175	44673	44932	44796	97.349	
	14	44581	45411	44522	44480	44949	44276	44832	44758	44760	44401	44683	45012	97.251	
	15	44675	44528	44751	44152	44312	44394	44586	44442	44476	45465	44825	45142	97.086	
	16	44337	44618	44827	44554	44738	44254	44095	45054	44471	45068	44691	44020	96.900	
	17	44036	44535	44677	44896	44882	45004	44368	44881	44904	44691	45163	44978	97.315	
	18	45677	44737	44892	44187	44914	44723	45426	45142	44997	44836	43859	44903	97.547	
	19	44866	45294	44811	44808	44756	45082	44956	44668	44888	44142	44985	44409	97.433	
	20	44832	44682	44763	45110	44580	44946	44732	44182	45504	44575	45191	44748	97.465	
	21	45148	45003	44315	45164	45199	45195	44551	44898	45053	44821	44860	44560	97.632	
	22	45007	44974	45342	44814	44318	45608	44837	45275	44973	45425	45082	44821	97.942	
	23	45384	45511	44500	45434	44914	45541	45088	44619	45766	45025	44320	45132	98.079	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											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
23	0	44656	44691	45071	44927	45154	44956	45069	45023	45317	44733	45490	45039	97.882
	1	45144	44915	45313	45228	44704	44985	45415	44976	44678	44868	45476	44737	97.935
	2	44848	45345	44586	45176	44898	44708	45084	45292	44855	44805	44964	45135	97.801
	3	45020	45076	45395	46063	44928	44672	44688	44256	44817	45399	45554	45015	98.016
	4	45771	45157	44455	44577	45054	44746	45023	44384	45079	44962	44487	45153	97.647
	5	44983	44217	45095	45413	45216	45325	44580	44291	45369	44781	45030	44994	97.727
	6	44497	44977	45088	44702	44577	45084	45291	44563	45039	44878	44629	45033	97.558
	7	44750	45243	45230	45108	45540	45159	44742	44759	45231	45204	44858	45206	98.042
	8	45187	44990	45154	45286	44777	45719	44807	45219	44890	44932	45868	45048	98.196
	9	44787	45065	45225	44993	44875	45405	44906	45121	45392	45058	44819	45199	98.009
	10	45221	44706	45119	45371	45237	45035	45032	44645	45348	45206	45027	45133	98.051
	11	44835	45075	45145	45448	44982	45250	45845	45143	44738	45190	44837	45016	98.128
	12	45018	44288	45706	45263	44925	44783	44552	44682	45334	44909	44613	45012	97.690
	13	44854	45000	44776	44768	45344	45007	45310	45299	45447	44858	44797	45190	97.974
	14	44761	44862	45472	45476	44663	45262	44871	44848	44306	45088	44112	44909	97.607
	15	44901	45266	45031	45857	44730	44645	44858	45250	45246	44892	45298	44501	97.942
	16	44471	44693	45020	44763	44552	45088	45375	45310	44417	45022	44707	44781	97.529
	17	45110	44448	45132	44388	44862	44807	44850	44903	44317	44572	45026	44416	97.282
	18	44781	45743	44814	44875	44911	45011	45090	44669	44295	44923	44383	44599	97.511
	19	44426	44670	44685	44888	44814	44943	44653	44752	44567	44548	44526	44780	97.176
	20	44483	44514	44822	45082	44600	44702	44935	44508	44755	44628	44862	45152	97.320
	21	44749	45243	44184	44823	45143	44545	45038	44531	44531	44432	44176	45041	97.210
	22	44904	44681	44913	45195	44979	44936	45118	44831	44761	44344	44795	44966	97.570
	23	44763	45158	45239	45207	44737	45142	45469	44570	44758	45596	44523	45103	97.904
24	0	44883	44842	44618	44537	44983	44115	44353	44899	44791	44531	44427	44710	97.071
	1	44541	44597	44520	45025	44870	44673	44316	44422	45486	44351	44615	44508	97.117
	2	44893	44266	44125	44956	44563	44455	45165	44728	45268	45241	44968	44779	97.386
	3	44848	44654	44913	44555	45071	45080	44775	44826	45097	45163	43997	45091	97.506
	4	44951	45203	44662	45175	44517	44761	45018	45547	44852	45185	45171	44535	97.779
	5	44728	44641	45033	44680	44788	43981	44350	44754	44876	44462	44842	44457	97.057
	6	44748	44502	44925	44920	44392	45141	44348	44623	44439	44710	44738	44066	97.050
	7	44694	45132	44865	45002	44894	44600	45562	45270	44565	44888	44424	44711	97.603
	8	44802	44989	45092	45385	44962	44850	44589	44644	44556	45152	44690	44986	97.619
	9	44686	45366	44728	45308	45127	44639	45377	44736	44840	45217	44509	45120	97.793
	10	45076	44999	44998	45341	44401	44998	44673	45200	44753	45170	45432	45284	97.915
	11	45170	44772	45267	44559	45064	44778	45036	45278	44467	45668	44811	44897	97.813
	12	44812	45633	45048	45464	44956	44904	45438	45291	44058	44728	45245	45459	98.043
	13	44152	45839	44670	44712	44694	44740	44471	45859	44594	44693	45117	44883	97.570
	14	45643	44942	44959	45307	44570	44883	45207	45213	44582	44962	45067	45035	97.923
	15	45345	45130	45136	45444	44625	45473	45104	44841	44741	45141	45272	45074	98.096
	16	45501	45107	45439	45107	45145	45321	45348	43876	44684	45045	45218	45341	98.061
	17	45260	44322	44760	44789	45596	45505	44939	45110	45382	44849	45581	44921	98.039
	18	44902	45217	45566	45258	45863	45061	44933	45675	45271	44793	45217	44842	98.327
	19	44938	45369	45163	44795	45515	45105	44761	45179	45282	45036	45382	44474	98.037
	20	45094	44699	44800	44834	44387	45089	44520	45415	45109	45926	44595	44736	97.712
	21	44963	44812	44868	44864	44423	45116	45130	44561	44864	44282	45075	45260	97.533
	22	45250	45391	44544	44876	44881	45287	44855	44730	45089	45084	45525	44834	97.918
	23	44569	45279	45638	44710	45795	45144	45364	44891	45129	44752	44784	45470	98.132

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											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	44591	45025	45220	44313	44465	45199	44447	45026	45270	45077	44343	44811	97.451
	1	44337	44873	44415	44846	45356	44239	45057	45061	44888	44252	44495	45548	97.379
	2	45018	45045	44488	44876	45113	44782	45450	44989	45129	44942	44984	45063	97.834
	3	45049	44648	45216	45112	45053	45073	44596	45601	44881	44592	44943	44880	97.791
	4	44894	44481	45115	44906	44248	44939	44835	45109	44978	45440	45026	44685	97.612
	5	45367	45044	45342	44988	44668	44903	45021	45129	44538	44336	45235	45331	97.838
	6	44991	45395	44799	45260	44619	44966	44964	45263	45141	45309	45022	45213	98.026
	7	44910	44723	45137	45035	44898	44698	45073	45135	44687	44984	45144	44740	97.704
	8	45495	45464	45921	45242	44703	45048	45576	44942	44961	45168	44986	44877	98.287
	9	45331	44691	45246	44891	45225	44884	44836	44537	44998	45170	45213	45301	97.914
	10	44683	45227	44957	45265	45158	45030	44785	44969	45325	45146	45428	45463	98.116
	11	45445	44960	44998	44696	45361	44979	44661	45592	45187	44943	45062	44999	98.015
	12	44916	45246	45446	45338	45051	45443	44486	45336	45212	45403	45417	45212	98.310
	13	44882	44801	45218	45103	44957	44760	45402	44752	45105	44780	45377	44883	97.859
	14	44927	45434	44410	45290	45575	44939	44814	45404	44970	44489	45069	44905	97.897
	15	44989	45037	44658	44834	44779	45103	45648	45047	45599	45496	44762	45525	98.123
	16	45303	45353	45221	44828	45425	45321	44824	45411	45294	45423	45283	45320	98.400
	17	44909	45393	44896	45533	45556	45283	45327	45395	45375	45086	45070	45482	98.455
	18	44857	45435	45986	45511	45144	45180	45566	45261	45116	45178	45016	44789	98.406
	19	45093	45184	45211	44572	45153	44835	44799	44642	44657	45145	45363	44793	97.756
	20	44802	46006	44716	44960	45245	45509	44685	44764	45436	45068	45268	45409	98.194
	21	45394	45082	45200	44895	45136	45087	45491	44319	44675	44619	44526	44727	97.702
	22	45006	44909	45139	45637	44842	45505	44981	45296	44692	45401	44788	44768	98.030
	23	45142	44951	45727	44996	45198	45753	45439	45047	45474	44947	45201	45238	98.420
26	0	45128	45416	45276	45345	45474	45239	45413	44668	45437	44693	45209	44966	98.260
	1	45288	45458	45795	44997	44874	45252	44921	45635	44656	44984	44959	44952	98.176
	2	45012	44781	45845	44657	45086	45390	45508	45327	45818	45451	45226	44780	98.378
	3	44985	45633	44997	45160	44962	44672	44577	44459	45029	45314	44908	45549	97.900
	4	45204	45400	45447	44915	45368	45043	44826	45423	45268	44670	45437	45053	98.228
	5	45833	44761	45171	45214	45716	44897	44486	45349	45389	45155	45332	45232	98.315
	6	45196	45562	44814	45538	45348	44785	44569	45555	45390	44955	45019	45479	98.256
	7	44723	44951	45497	45602	45051	45856	45423	45645	45380	45318	45360	45428	98.623
	8	44658	45293	44899	44884	44589	45488	44613	45032	45077	45320	44831	45308	97.854
	9	45189	45199	45796	45465	45059	45289	45329	45773	45807	45381	45004	44962	98.626
	10	44748	44929	45532	45026	45619	45515	45332	45404	45182	45678	45301	45237	98.491
	11	45384	44882	44767	44767	45263	45008	45011	44522	45485	45265	45762	45175	98.090
	12	45107	45356	44753	45536	45139	45949	45278	45226	45017	45724	45360	44610	98.409
	13	45504	45402	45422	45264	45335	45118	45299	45666	45614	45469	45030	44773	98.562
	14	45448	45332	45197	44971	45206	45240	45608	45155	45673	44699	44984	45066	98.323
	15	44871	45048	45651	45082	44689	45046	45134	44743	45427	45441	45253	45075	98.121
	16	45349	45574	45179	45006	45413	44883	44855	45145	44731	45202	45461	45156	98.210
	17	45259	45754	44959	45160	45052	45270	44995	45034	44826	45156	45328	45441	98.261
	18	45145	44801	46162	45717	45476	45080	45061	44997	45021	45481	45203	45727	98.557
	19	45232	45370	45372	45368	45237	44523	45121	44872	45359	45976	44989	44626	98.226
	20	45597	45727	45724	44872	45244	44897	44818	44748	44904	45195	44998	45275	98.218
	21	45290	45158	45194	45552	45492	45057	44976	45528	44942	45442	45200	45282	98.420
	22	44936	45211	45419	44961	44923	45128	45049	44787	45562	45440	44705	44525	97.973
	23	45461	44849	45746	44432	45142	45383	44771	45599	45031	45445	45094	44696	98.155

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
27	0	44913	45097	45446	45801	45186	45232	45085	44995	44694	45402	45766	45287	98.375
	1	45079	44800	45514	45012	46062	44677	44706	45414	45362	44587	44590	45263	98.049
	2	44921	45336	45132	45497	45585	45329	45318	45048	44485	45256	45436	45492	98.370
	3	44744	45140	45029	45579	45419	45677	45866	44779	45120	44656	45685	45760	98.482
	4	45257	45206	45280	45105	45335	45592	45378	45504	45887	45304	44772	45643	98.628
	5	45022	45229	44920	45482	44878	45351	45035	45552	45761	45550	45382	45480	98.516
	6	44754	46111	46058	45429	44986	45226	46096	45045	44674	46084	44797	44768	98.586
	7	45317	44807	45558	45514	45217	44799	45194	44888	45573	45596	45304	45825	98.507
	8	46109	45333	44977	45489	45061	45413	45320	45709	45846	45269	45051	46121	98.888
	9	45080	45191	45419	45549	45896	45682	44864	45278	45372	45138	45504	45102	98.594
	10	45847	45269	45307	45726	45405	45389	45651	45387	44905	45660	45273	44944	98.719
	11	45512	45535	45874	45060	46054	44769	45723	45564	44916	45351	45743	45978	98.957
	12	45080	45321	45742	45702	45591	45507	45253	45170	45387	45598	45563	45516	98.840
	13	45367	45296	45334	45929	45735	45644	45490	45194	45695	45080	45821	45260	98.915
	14	46058	45368	45289	45193	45423	45371	45534	45444	45110	45289	45070	44976	98.603
	15	45503	45273	45637	45720	45686	45680	44536	45337	45577	45513	45442	44987	98.742
	16	45663	45003	45008	45367	45478	45101	45682	45222	45717	45405	45624	44477	98.534
	17	45270	45062	45027	45626	45200	44703	44759	45112	45473	44927	45354	45361	98.195
	18	45457	44940	45114	45188	45692	45227	45687	45345	45313	45678	45564	45670	98.739
	19	45703	45060	44900	45481	45304	45293	45500	45045	45049	45630	45892	45871	98.713
	20	44995	44938	45437	45430	45261	45076	45174	45908	45510	45334	44769	45187	98.403
	21	45470	45502	45550	45372	45791	45204	45194	45363	46055	45480	45181	45406	98.865
	22	44759	44862	45213	44679	45118	44740	45196	45353	45492	45722	45110	45800	98.226
	23	45810	45332	45588	45144	45526	45132	45594	44746	45554	45618	44770	45223	98.587
28	0	44887	45444	45024	45400	45253	45006	45616	44896	45202	45052	45062	45436	98.261
	1	45322	44847	45276	45692	45217	45707	45651	45001	45222	45460	45445	45204	98.589
	2	45392	44961	44681	45670	45363	45034	45625	45581	45737	45150	45201	45408	98.545
	3	44966	45009	45150	45776	45093	44897	45223	45781	44983	45667	45544	45197	98.451
	4	45484	45915	45412	45871	45025	45307	45208	45624	45692	45337	44852	45096	98.730
	5	45303	45429	45288	45061	45092	45646	45436	45882	45444	45815	45746	45392	98.858
	6	45376	44928	45386	45603	45451	45526	45328	46038	45871	45792	44972	45203	98.848
	7	45626	46039	45222	45421	45627	45365	45338	45393	45777	45473	45150	45428	98.918
	8	45481	45526	45545	45296	45457	45691	45509	45994	45561	45438	45756	45421	99.065
	9	45424	44990	45875	45201	45817	45045	45733	45448	45680	45741	45459	45723	98.967
	10	45456	45697	45933	45631	44933	45791	45483	45805	46094	45829	45161	45984	99.269
	11	45664	45813	45739	45780	45310	45355	45497	45442	45361	45760	45217	45491	99.021
	12	45583	45838	45615	45733	45085	45547	45460	45257	46048	45327	45901	45327	99.074
	13	45022	46006	45191	45272	45892	46049	45444	45673	45844	45182	45193	45346	98.964
	14	45402	45880	45531	45660	45595	45413	45345	45554	45759	45610	45458	45586	99.086
	15	45099	46214	45142	45228	45863	45102	45576	45400	45158	45566	46019	45370	98.895
	16	45401	45224	45304	45204	45540	45703	45550	45807	45897	45229	45974	45738	99.046
	17	45368	46096	45749	44935	45136	45114	45575	45909	45490	44932	45734	45605	98.878
	18	45715	45888	45323	45075	45932	45209	45363	45529	45358	45373	45340	45927	98.949
	19	44991	45983	45441	45662	45760	45851	45815	45488	45593	45325	45585	45186	99.066
	20	45526	45814	45349	44973	45373	45322	45150	44881	45066	45163	46147	44920	98.523
	21	45213	45424	45134	45157	45924	45508	45508	46026	44983	45938	45182	44850	98.734
	22	45241	45461	45339	45605	45590	44984	45551	44794	45045	45507	45397	45432	98.570
	23	45480	45518	45068	45169	45365	45370	45184	45545	45446	44881	45103	45523	98.517

		S.V.I.R.CO. Observatory - Pressure Corrected Data – April 2014											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
29	0	45338	45059	44930	45234	45041	45368	45258	44757	45219	45561	45319	45746	98.366
	1	45750	44995	45875	45598	44754	45682	45407	45197	45871	45447	45913	46028	99.037
	2	45983	45681	45418	45097	45603	45645	45896	45761	46160	45034	45461	45009	99.078
	3	46023	45523	45264	45654	44816	45700	45211	45677	45650	45595	45960	45852	99.110
	4	45414	45531	44990	44937	45338	45432	45402	45110	45253	45374	45710	45427	98.566
	5	45372	45805	46008	45814	44678	45290	45867	45676	45603	45660	45537	45190	99.034
	6	45936	45834	45250	45498	45633	45829	46014	45393	45098	45264	45564	45772	99.140
	7	45590	46294	45043	45530	45844	45186	45644	46034	46135	45555	46176	45633	99.425
	8	45778	46163	46040	45694	45430	45815	46071	46227	46102	45257	45823	45190	99.593
	9	45905	45419	45818	45795	45872	45680	45527	45437	46262	45264	46259	46213	99.568
	10	46006	45894	45311	46113	45612	45347	45430	45895	45844	45609	45790	45532	99.375
	11	46193	45883	45896	45851	45526	46005	46028	45930	45959	46233	45741	45454	99.795
	12	45576	46098	46198	45981	45422	45747	45532	46329	46125	45697	46075	45488	99.717
	13	45636	45344	45649	45710	45422	45994	45494	45648	45533	45825	45498	45795	99.223
	14	45354	45702	46322	45427	45496	45340	45710	45487	45414	45486	45410	45412	99.044
	15	46158	46516	45428	45394	46380	45519	45310	45527	45326	46002	46297	46124	99.664
	16	45810	46313	44960	45051	45701	45983	46052	45698	46104	45542	45792	45981	99.484
	17	45166	45215	44971	45270	45195	46179	45122	45066	45825	45136	45525	45172	98.552
	18	46052	46004	45427	44978	44989	45144	45142	44953	45550	45639	45673	45770	98.820
	19	45730	45625	45401	45550	45097	45597	45679	45491	46032	45383	44943	45258	98.905
	20	45271	45385	45833	44536	45399	45543	45874	45509	45642	46300	45630	45287	98.980
	21	45209	45760	45349	45327	45120	46124	45699	45496	45847	45570	45342	44903	98.897
	22	44507	45163	45604	45420	45741	45937	45410	45337	45938	45380	46140	45233	98.908
	23	44934	45605	45787	45749	45326	45221	45464	45455	45227	45501	45529	45226	98.766
30	0	45839	45031	45482	45089	45445	45475	45461	45519	44818	45089	45640	45497	98.652
	1	45758	45848	45322	45402	46057	44784	45931	45513	45076	45167	45101	46052	98.945
	2	45685	45510	45597	45832	46300	46248	45902	45480	45675	45385	45215	45101	99.293
	3	45190	45501	46016	45714	46001	45281	45453	45755	45186	45381	45354	46124	99.116
	4	45923	44969	45455	45389	45383	45304	45268	45629	45482	44961	45025	45579	98.647
	5	45521	45219	45629	45285	46053	45558	44738	45558	45628	45665	45136	45809	98.906
	6	45630	45415	45055	45322	46310	44606	45681	45396	45632	45091	46047	45199	98.831
	7	44785	44962	45313	45531	45509	45551	45333	45032	45894	45087	46484	45921	98.834
	8	45462	45577	45392	45115	45729	45704	45346	45545	44669	45327	45597	45522	98.759
	9	45314	45040	45339	45204	45611	45275	45403	45693	45760	46050	45836	45897	99.019
	10	45013	45528	46227	46057	45177	45548	46182	45665	46013	45230	46253	45773	99.426
	11	45339	45541	45513	46282	45664	45650	45613	45480	45872	45896	45709	45850	99.380
	12	45947	46072	46423	46291	45367	45921	45676	45978	46130	45838	46162	45690	99.939
	13	45969	46092	45766	46359	46222	45506	46045	45744	44947	46741	45766	46147	99.904
	14	45340	45540	45157	45822	45334	45214	45514	45544	45604	45703	45475	45793	98.950
	15	46073	45426	45808	46075	45732	45720	45942	46433	45585	45947	45924	46154	99.817
	16	46136	45427	45681	45399	46115	45692	45649	45306	45979	46112	45957	45818	99.536
	17	46413	45474	45776	46360	45970	45997	45928	45924	46147	46041	45997	46254	100.081
	18	46047	45014	45581	45989	46350	45865	45669	45296	45668	45750	45962	46170	99.552
	19	45714	45615	45697	45033	45389	45335	45296	45394	45389	45835	45335	45135	98.792
	20	45349	46091	45337	45973	45164	45641	45542	45416	45920	45591	45291	45649	99.118
	21	45569	45486	45707	45488	45488	46119	44924	45503	45518	45088	46166	45571	99.057
	22	45741	45461	45658	45077	45523	45690	45387	45034	45263	45298	45149	45189	98.666
	23	45912	46143	45446	45063	45516	45951	45718	45553	45754	45216	46073	46471	99.454

S.V.I.R.CO. Observatory - Pressure in hectoPascal – April 2014

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	1016.41	1016.37	1016.32	1016.31	1016.32	1016.31	1016.28	1016.26	1016.23	1016.19	1016.15	1016.10	1016.26
	1	1016.04	1016.01	1015.97	1015.93	1015.89	1015.86	1015.83	1015.81	1015.78	1015.76	1015.75	1015.72	1015.86
	2	1015.68	1015.65	1015.63	1015.61	1015.60	1015.58	1015.59	1015.61	1015.61	1015.58	1015.55	1015.54	1015.60
	3	1015.54	1015.53	1015.52	1015.52	1015.52	1015.54	1015.55	1015.56	1015.56	1015.56	1015.55	1015.54	1015.54
	4	1015.52	1015.50	1015.50	1015.50	1015.51	1015.53	1015.56	1015.60	1015.62	1015.64	1015.70	1015.76	1015.58
	5	1015.79	1015.81	1015.84	1015.88	1015.89	1015.92	1015.97	1016.04	1016.12	1016.16	1016.18	1016.19	1015.98
	6	1016.19	1016.18	1016.17	1016.18	1016.17	1016.17	1016.21	1016.24	1016.26	1016.30	1016.32	1016.33	1016.22
	7	1016.35	1016.37	1016.40	1016.41	1016.41	1016.41	1016.44	1016.48	1016.54	1016.58	1016.63	1016.68	1016.47
	8	1016.68	1016.64	1016.62	1016.60	1016.58	1016.57	1016.59	1016.61	1016.63	1016.66	1016.67	1016.67	1016.62
	9	1016.68	1016.67	1016.65	1016.64	1016.59	1016.55	1016.56	1016.56	1016.56	1016.59	1016.59	1016.56	1016.60
	10	1016.49	1016.46	1016.44	1016.39	1016.34	1016.29	1016.27	1016.22	1016.17	1016.13	1016.10	1016.06	1016.28
	11	1016.03	1016.01	1016.00	1015.98	1015.94	1015.89	1015.85	1015.81	1015.77	1015.77	1015.76	1015.72	1015.87
	12	1015.67	1015.64	1015.60	1015.60	1015.62	1015.62	1015.63	1015.63	1015.63	1015.63	1015.59	1015.55	1015.61
	13	1015.53	1015.48	1015.43	1015.40	1015.36	1015.31	1015.28	1015.25	1015.25	1015.24	1015.21	1015.19	1015.33
	14	1015.14	1015.11	1015.10	1015.10	1015.09	1015.11	1015.13	1015.11	1015.13	1015.16	1015.17	1015.18	1015.13
	15	1015.18	1015.22	1015.24	1015.28	1015.32	1015.33	1015.35	1015.36	1015.39	1015.39	1015.40	1015.44	1015.32
	16	1015.46	1015.49	1015.51	1015.52	1015.52	1015.54	1015.57	1015.58	1015.61	1015.62	1015.62	1015.63	1015.55
	17	1015.65	1015.70	1015.72	1015.73	1015.74	1015.74	1015.73	1015.72	1015.71	1015.71	1015.71	1015.70	1015.71
	18	1015.72	1015.75	1015.74	1015.75	1015.81	1015.88	1015.94	1016.00	1016.04	1016.06	1016.07	1016.09	1015.90
	19	1016.13	1016.14	1016.15	1016.16	1016.15	1016.11	1016.08	1016.08	1016.08	1016.10	1016.15	1016.16	1016.12
	20	1016.17	1016.16	1016.16	1016.16	1016.12	1016.07	1016.08	1016.11	1016.11	1016.12	1016.11	1016.09	1016.12
	21	1016.10	1016.08	1016.08	1016.08	1016.07	1016.09	1016.12	1016.11	1016.08	1016.06	1016.07	1016.04	1016.08
	22	1015.99	1015.95	1015.96	1015.99	1015.98	1015.95	1015.96	1015.99	1016.02	1016.04	1016.08	1016.10	1016.00
	23	1016.08	1016.06	1016.06	1016.08	1016.07	1016.02	1016.02	1016.02	1016.03	1016.06	1016.08	1016.08	1016.05
2	0	1016.06	1016.05	1016.03	1016.05	1016.03	1016.00	1016.01	1016.01	1016.00	1016.03	1016.04	1016.00	1016.02
	1	1015.98	1015.97	1015.95	1015.93	1015.92	1015.89	1015.84	1015.81	1015.80	1015.79	1015.79	1015.76	1015.87
	2	1015.76	1015.74	1015.68	1015.64	1015.61	1015.64	1015.70	1015.72	1015.71	1015.70	1015.72	1015.76	1015.70
	3	1015.77	1015.76	1015.73	1015.68	1015.65	1015.64	1015.64	1015.60	1015.58	1015.61	1015.60	1015.55	1015.65
	4	1015.52	1015.52	1015.53	1015.59	1015.65	1015.70	1015.76	1015.78	1015.78	1015.79	1015.81	1015.83	1015.69
	5	1015.91	1015.99	1015.98	1015.97	1016.00	1016.00	1016.02	1016.08	1016.12	1016.10	1016.03	1015.91	1016.01
	6	1015.86	1015.92	1015.97	1015.99	1016.05	1016.12	1016.11	1016.06	1016.05	1016.06	1016.04	1016.03	1016.02
	7	1016.02	1016.01	1016.03	1016.03	1016.03	1016.04	1016.08	1016.13	1016.17	1016.18	1016.20	1016.19	1016.09
	8	1016.16	1016.17	1016.18	1016.21	1016.28	1016.31	1016.30	1016.30	1016.29	1016.31	1016.34	1016.34	1016.26
	9	1016.33	1016.31	1016.33	1016.38	1016.36	1016.32	1016.30	1016.26	1016.22	1016.20	1016.17	1016.12	1016.27
	10	1016.06	1016.01	1016.00	1015.99	1015.92	1015.89	1015.89	1015.84	1015.80	1015.75	1015.66	1015.59	1015.86
	11	1015.54	1015.50	1015.43	1015.38	1015.36	1015.33	1015.28	1015.26	1015.28	1015.24	1015.20	1015.15	1015.33
	12	1015.10	1015.07	1015.07	1015.08	1015.05	1014.97	1014.88	1014.82	1014.75	1014.70	1014.68	1014.62	1014.90
	13	1014.54	1014.48	1014.41	1014.33	1014.27	1014.19	1014.12	1014.05	1014.00	1013.95	1013.90	1013.88	1014.18
	14	1013.86	1013.88	1013.89	1013.80	1013.73	1013.71	1013.72	1013.71	1013.72	1013.71	1013.60	1013.53	1013.73
	15	1013.56	1013.61	1013.69	1013.79	1013.83	1013.81	1013.82	1013.78	1013.69	1013.61	1013.59	1013.65	1013.70
	16	1013.69	1013.75	1013.79	1013.72	1013.63	1013.60	1013.66	1013.67	1013.65	1013.69	1013.72	1013.66	1013.68
	17	1013.64	1013.67	1013.66	1013.63	1013.58	1013.51	1013.43	1013.38	1013.35	1013.31	1013.28	1013.27	1013.47
	18	1013.26	1013.27	1013.31	1013.34	1013.36	1013.40	1013.42	1013.39	1013.37	1013.41	1013.44	1013.46	1013.37
	19	1013.51	1013.61	1013.71	1013.78	1013.87	1013.92	1013.91	1013.88	1013.85	1013.87	1013.94	1014.01	1013.82
	20	1014.07	1014.04	1013.95	1013.89	1013.83	1013.78	1013.83	1013.93	1014.03	1014.03	1013.97	1013.93	1013.94
	21	1013.93	1013.90	1013.84	1013.78	1013.75	1013.76	1013.82	1013.89	1013.96	1014.05	1014.11	1014.11	1013.91
	22	1014.06	1014.02	1013.97	1013.90	1013.86	1013.80	1013.71	1013.63	1013.56	1013.46	1013.38	1013.34	1013.72
	23	1013.34	1013.37	1013.37	1013.33	1013.26	1013.18	1013.19	1013.26	1013.26	1013.21	1013.15	1013.10	1013.25

S.V.I.R.CO. Observatory - Pressure in hectoPascal – April 2014

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	1013.01	1013.02	1012.97	1012.89	1012.88	1012.84	1012.77	1012.74	1012.71	1012.66	1012.58	1012.56	1012.79
	1	1012.60	1012.62	1012.67	1012.71	1012.74	1012.76	1012.73	1012.63	1012.48	1012.40	1012.38	1012.30	1012.58
	2	1012.19	1012.16	1012.24	1012.26	1012.14	1012.09	1012.09	1012.04	1011.97	1011.91	1011.87	1011.85	1012.06
	3	1011.83	1011.87	1011.93	1011.91	1011.84	1011.74	1011.62	1011.49	1011.42	1011.37	1011.27	1011.19	1011.62
	4	1011.20	1011.20	1011.18	1011.26	1011.29	1011.21	1011.26	1011.34	1011.37	1011.45	1011.40	1011.28	1011.28
	5	1011.17	1011.09	1011.16	1011.21	1011.24	1011.36	1011.41	1011.39	1011.39	1011.44	1011.36	1011.26	1011.29
	6	1011.30	1011.22	1011.03	1011.01	1011.11	1011.17	1011.28	1011.39	1011.46	1011.52	1011.55	1011.53	1011.29
	7	1011.45	1011.46	1011.49	1011.40	1011.35	1011.39	1011.43	1011.44	1011.37	1011.26	1011.19	1011.14	1011.36
	8	1011.10	1011.07	1011.05	1010.98	1010.89	1010.87	1010.86	1010.81	1010.71	1010.52	1010.46	1010.51	1010.82
	9	1010.49	1010.45	1010.41	1010.45	1010.55	1010.53	1010.44	1010.37	1010.31	1010.28	1010.27	1010.24	1010.40
	10	1010.19	1010.14	1010.15	1010.20	1010.18	1010.10	1010.05	1010.02	1010.06	1010.14	1010.07	1010.01	1010.11
	11	1009.97	1009.96	1009.97	1009.89	1009.79	1009.79	1009.82	1009.76	1009.71	1009.63	1009.51	1009.44	1009.77
	12	1009.41	1009.39	1009.38	1009.31	1009.27	1009.28	1009.24	1009.18	1009.11	1009.02	1008.92	1008.88	1009.20
	13	1008.85	1008.77	1008.74	1008.70	1008.59	1008.48	1008.44	1008.36	1008.21	1008.10	1008.00	1007.86	1008.42
	14	1007.74	1007.70	1007.67	1007.58	1007.49	1007.41	1007.37	1007.35	1007.28	1007.22	1007.16	1007.10	1007.42
	15	1007.04	1006.96	1006.87	1006.75	1006.63	1006.54	1006.48	1006.46	1006.41	1006.30	1006.17	1006.06	1006.55
	16	1005.99	1005.95	1005.94	1005.93	1005.91	1005.88	1005.85	1005.83	1005.78	1005.71	1005.65	1005.58	1005.83
	17	1005.52	1005.48	1005.40	1005.30	1005.22	1005.15	1005.07	1005.00	1004.94	1004.88	1004.84	1004.78	1005.13
	18	1004.72	1004.74	1004.80	1004.80	1004.82	1004.87	1004.85	1004.78	1004.73	1004.68	1004.62	1004.55	1004.75
	19	1004.47	1004.41	1004.47	1004.52	1004.50	1004.52	1004.50	1004.45	1004.42	1004.35	1004.26	1004.22	1004.42
	20	1004.23	1004.25	1004.26	1004.29	1004.35	1004.40	1004.42	1004.45	1004.52	1004.54	1004.54	1004.52	1004.40
	21	1004.47	1004.37	1004.31	1004.32	1004.30	1004.26	1004.24	1004.23	1004.19	1004.11	1004.04	1003.99	1004.23
	22	1003.94	1003.86	1003.80	1003.75	1003.69	1003.63	1003.53	1003.46	1003.44	1003.41	1003.34	1003.23	1003.59
	23	1003.14	1003.06	1003.00	1003.02	1003.03	1002.92	1002.72	1002.58	1002.50	1002.35	1002.24	1002.14	1002.72
4	0	1001.99	1001.89	1001.77	1001.72	1001.68	1001.55	1001.40	1001.38	1001.42	1001.37	1001.32	1001.37	1001.55
	1	1001.18	1000.96	1000.73	1000.50	1000.63	1000.71	1000.68	1000.69	1000.44	1000.25	1000.25	1000.26	1000.60
	2	1000.36	1000.37	1000.25	1000.12	1000.27	1000.22	999.96	999.84	999.63	999.48	999.42	999.49	999.95
	3	999.51	999.51	999.30	999.06	999.04	999.01	999.00	999.15	999.20	999.15	999.28	999.41	999.22
	4	999.53	999.59	999.63	999.67	999.98	1000.40	1000.57	1000.56	1000.59	1000.69	1000.65	1000.57	1000.20
	5	1000.58	1000.66	1000.72	1000.67	1000.62	1000.66	1000.68	1000.76	1000.91	1001.04	1001.08	1001.14	1000.79
	6	1001.29	1001.38	1001.43	1001.49	1001.54	1001.54	1001.50	1001.49	1001.55	1001.69	1001.79	1001.83	1001.54
	7	1001.85	1001.92	1002.00	1002.07	1002.17	1002.24	1002.31	1002.37	1002.42	1002.51	1002.57	1002.56	1002.25
	8	1002.52	1002.51	1002.56	1002.57	1002.55	1002.56	1002.60	1002.66	1002.71	1002.76	1002.83	1002.89	1002.64
	9	1002.90	1002.88	1002.84	1002.80	1002.76	1002.76	1002.78	1002.75	1002.72	1002.71	1002.70	1002.70	1002.77
	10	1002.71	1002.70	1002.68	1002.66	1002.67	1002.67	1002.68	1002.71	1002.71	1002.69	1002.66	1002.65	1002.68
	11	1002.63	1002.61	1002.60	1002.58	1002.55	1002.51	1002.48	1002.44	1002.40	1002.36	1002.32	1002.29	1002.48
	12	1002.27	1002.23	1002.20	1002.17	1002.14	1002.09	1002.04	1001.98	1001.94	1001.91	1001.87	1001.82	1002.05
	13	1001.81	1001.83	1001.82	1001.80	1001.79	1001.78	1001.73	1001.67	1001.68	1001.70	1001.67	1001.63	1001.74
	14	1001.60	1001.57	1001.56	1001.53	1001.54	1001.59	1001.61	1001.61	1001.58	1001.55	1001.57	1001.55	1001.57
	15	1001.53	1001.53	1001.52	1001.57	1001.64	1001.68	1001.70	1001.69	1001.69	1001.67	1001.65	1001.69	1001.63
	16	1001.74	1001.76	1001.79	1001.84	1001.89	1001.94	1002.02	1002.10	1002.11	1002.08	1002.09	1002.10	1001.95
	17	1002.08	1002.06	1002.07	1002.16	1002.29	1002.39	1002.46	1002.53	1002.60	1002.64	1002.64	1002.65	1002.38
	18	1002.73	1002.84	1002.92	1002.98	1003.05	1003.11	1003.19	1003.30	1003.43	1003.57	1003.65	1003.70	1003.20
	19	1003.79	1003.92	1004.02	1004.05	1004.03	1003.98	1003.96	1003.96	1003.97	1003.97	1003.96	1003.98	1003.96
	20	1003.99	1003.97	1003.91	1003.85	1003.82	1003.80	1003.82	1003.86	1003.91	1003.95	1003.94	1003.93	1003.89
	21	1003.95	1003.96	1003.94	1003.92	1003.90	1003.88	1003.90	1003.90	1003.85	1003.84	1003.87	1003.91	1003.90
	22	1003.93	1003.95	1004.00	1004.03	1004.08	1004.13	1004.20	1004.27	1004.30	1004.32	1004.37	1004.43	1004.17
	23	1004.46	1004.48	1004.50	1004.48	1004.45	1004.41	1004.40	1004.43	1004.41	1004.37	1004.32	1004.31	1004.42

S.V.I.R.CO. Observatory - Pressure in hectoPascal – April 2014

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	1004.29	1004.27	1004.25	1004.27	1004.29	1004.31	1004.32	1004.30	1004.30	1004.30	1004.26	1004.22	1004.28
	1	1004.23	1004.27	1004.32	1004.36	1004.38	1004.38	1004.37	1004.35	1004.36	1004.36	1004.31	1004.30	1004.33
	2	1004.31	1004.28	1004.23	1004.18	1004.16	1004.19	1004.22	1004.21	1004.18	1004.17	1004.22	1004.27	1004.22
	3	1004.33	1004.38	1004.41	1004.44	1004.46	1004.47	1004.48	1004.47	1004.45	1004.40	1004.37	1004.39	1004.42
	4	1004.38	1004.38	1004.45	1004.56	1004.61	1004.62	1004.61	1004.62	1004.63	1004.68	1004.75	1004.79	1004.59
	5	1004.85	1004.93	1005.00	1005.06	1005.09	1005.10	1005.12	1005.11	1005.05	1005.01	1005.03	1005.07	1005.03
	6	1005.07	1005.03	1005.05	1005.10	1005.11	1005.11	1005.12	1005.13	1005.15	1005.19	1005.21	1005.24	1005.12
	7	1005.27	1005.32	1005.37	1005.44	1005.55	1005.64	1005.70	1005.75	1005.81	1005.89	1005.95	1005.99	1005.64
	8	1006.01	1006.02	1006.04	1006.07	1006.10	1006.13	1006.17	1006.20	1006.20	1006.21	1006.21	1006.19	1006.13
	9	1006.19	1006.17	1006.15	1006.14	1006.14	1006.16	1006.17	1006.18	1006.21	1006.22	1006.22	1006.24	1006.18
	10	1006.25	1006.26	1006.26	1006.27	1006.29	1006.29	1006.31	1006.31	1006.31	1006.34	1006.36	1006.37	1006.30
	11	1006.41	1006.46	1006.48	1006.48	1006.47	1006.46	1006.44	1006.41	1006.39	1006.39	1006.38	1006.34	1006.42
	12	1006.30	1006.28	1006.25	1006.17	1006.08	1006.07	1006.11	1006.10	1006.07	1006.08	1006.09	1006.09	1006.14
	13	1006.08	1006.09	1006.09	1006.07	1006.06	1006.05	1006.10	1006.15	1006.17	1006.20	1006.21	1006.21	1006.12
	14	1006.22	1006.21	1006.22	1006.23	1006.24	1006.28	1006.32	1006.32	1006.29	1006.31	1006.37	1006.39	1006.28
	15	1006.33	1006.28	1006.29	1006.33	1006.37	1006.41	1006.44	1006.48	1006.52	1006.55	1006.59	1006.59	1006.43
	16	1006.58	1006.57	1006.59	1006.67	1006.75	1006.79	1006.80	1006.86	1006.90	1006.94	1006.94	1006.94	1006.78
	17	1006.96	1006.95	1006.96	1006.97	1007.01	1007.10	1007.15	1007.17	1007.18	1007.19	1007.19	1007.21	1007.08
	18	1007.20	1007.18	1007.25	1007.34	1007.36	1007.40	1007.49	1007.52	1007.53	1007.59	1007.68	1007.77	1007.44
	19	1007.86	1007.94	1008.04	1008.12	1008.16	1008.20	1008.22	1008.24	1008.30	1008.34	1008.37	1008.38	1008.18
	20	1008.39	1008.39	1008.40	1008.41	1008.43	1008.49	1008.53	1008.59	1008.67	1008.73	1008.76	1008.80	1008.55
	21	1008.87	1008.91	1008.90	1008.86	1008.84	1008.83	1008.83	1008.90	1008.99	1009.06	1009.17	1009.28	1008.95
	22	1009.35	1009.43	1009.46	1009.44	1009.49	1009.54	1009.56	1009.59	1009.60	1009.62	1009.65	1009.69	1009.53
	23	1009.69	1009.68	1009.72	1009.78	1009.80	1009.81	1009.81	1009.83	1009.86	1009.86	1009.85	1009.82	1009.79
6	0	1009.76	1009.78	1009.81	1009.82	1009.81	1009.80	1009.82	1009.80	1009.76	1009.71	1009.65	1009.61	1009.76
	1	1009.60	1009.56	1009.49	1009.44	1009.41	1009.39	1009.37	1009.34	1009.33	1009.38	1009.39	1009.35	1009.42
	2	1009.32	1009.30	1009.32	1009.35	1009.34	1009.31	1009.31	1009.32	1009.38	1009.42	1009.41	1009.36	1009.34
	3	1009.32	1009.32	1009.35	1009.40	1009.43	1009.44	1009.43	1009.42	1009.49	1009.54	1009.54	1009.52	1009.43
	4	1009.49	1009.49	1009.54	1009.60	1009.62	1009.61	1009.62	1009.67	1009.75	1009.81	1009.84	1009.92	1009.66
	5	1010.01	1010.05	1010.08	1010.15	1010.23	1010.28	1010.31	1010.37	1010.46	1010.52	1010.56	1010.60	1010.30
	6	1010.65	1010.71	1010.77	1010.82	1010.88	1010.91	1010.93	1010.94	1010.95	1010.97	1011.02	1011.07	1010.88
	7	1011.09	1011.12	1011.17	1011.23	1011.26	1011.30	1011.31	1011.31	1011.32	1011.35	1011.38	1011.42	1011.27
	8	1011.49	1011.56	1011.65	1011.73	1011.79	1011.81	1011.82	1011.84	1011.86	1011.89	1011.92	1011.93	1011.77
	9	1011.96	1011.99	1011.98	1011.95	1011.92	1011.91	1011.90	1011.89	1011.88	1011.84	1011.81	1011.78	1011.90
	10	1011.77	1011.78	1011.79	1011.80	1011.82	1011.81	1011.76	1011.73	1011.71	1011.70	1011.71	1011.70	1011.76
	11	1011.68	1011.65	1011.59	1011.54	1011.50	1011.47	1011.45	1011.44	1011.45	1011.46	1011.46	1011.43	1011.51
	12	1011.40	1011.37	1011.33	1011.29	1011.26	1011.22	1011.18	1011.16	1011.13	1011.08	1011.00	1010.94	1011.19
	13	1010.95	1010.96	1010.97	1011.03	1011.10	1011.16	1011.21	1011.26	1011.27	1011.26	1011.29	1011.30	1011.14
	14	1011.31	1011.30	1011.28	1011.28	1011.29	1011.24	1011.21	1011.20	1011.17	1011.14	1011.19	1011.22	1011.23
	15	1011.18	1011.17	1011.20	1011.26	1011.29	1011.28	1011.28	1011.28	1011.31	1011.32	1011.35	1011.38	1011.27
	16	1011.38	1011.38	1011.41	1011.50	1011.57	1011.60	1011.60	1011.60	1011.62	1011.65	1011.67	1011.66	1011.55
	17	1011.68	1011.72	1011.74	1011.72	1011.70	1011.73	1011.80	1011.86	1011.91	1011.97	1011.97	1011.93	1011.81
	18	1011.95	1012.01	1012.09	1012.16	1012.21	1012.27	1012.34	1012.40	1012.46	1012.55	1012.65	1012.74	1012.32
	19	1012.83	1012.93	1012.99	1013.02	1013.08	1013.16	1013.20	1013.21	1013.24	1013.25	1013.27	1013.31	1013.12
	20	1013.37	1013.41	1013.43	1013.45	1013.49	1013.60	1013.73	1013.80	1013.82	1013.83	1013.83	1013.84	1013.63
	21	1013.86	1013.94	1014.03	1014.07	1014.04	1013.96	1013.93	1013.93	1013.97	1014.05	1014.13	1014.20	1014.01
	22	1014.22	1014.23	1014.26	1014.27	1014.30	1014.32	1014.30	1014.33	1014.40	1014.42	1014.37	1014.34	1014.31
	23	1014.35	1014.40	1014.45	1014.48	1014.53	1014.55	1014.54	1014.53	1014.54	1014.53	1014.51	1014.52	1014.49

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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	1014.58	1014.60	1014.63	1014.64	1014.62	1014.57	1014.56	1014.61	1014.66	1014.67	1014.66	1014.71	1014.63
	1	1014.78	1014.84	1014.87	1014.89	1014.91	1014.90	1014.91	1014.88	1014.86	1014.86	1014.85	1014.85	1014.86
	2	1014.85	1014.85	1014.84	1014.83	1014.87	1014.96	1015.02	1015.02	1015.02	1015.04	1015.06	1015.05	1014.95
	3	1015.02	1014.99	1014.99	1015.01	1015.05	1015.07	1015.06	1015.02	1015.04	1015.12	1015.19	1015.25	1015.06
	4	1015.26	1015.27	1015.29	1015.27	1015.24	1015.23	1015.26	1015.31	1015.36	1015.40	1015.45	1015.54	1015.32
	5	1015.61	1015.65	1015.69	1015.73	1015.79	1015.88	1015.94	1015.98	1016.01	1016.04	1016.05	1016.09	1015.87
	6	1016.14	1016.16	1016.17	1016.16	1016.16	1016.17	1016.18	1016.22	1016.26	1016.27	1016.29	1016.31	1016.20
	7	1016.33	1016.36	1016.36	1016.35	1016.37	1016.40	1016.42	1016.44	1016.45	1016.47	1016.52	1016.53	1016.41
	8	1016.54	1016.57	1016.62	1016.61	1016.60	1016.61	1016.62	1016.63	1016.65	1016.65	1016.66	1016.70	1016.62
	9	1016.70	1016.70	1016.73	1016.74	1016.72	1016.70	1016.71	1016.69	1016.67	1016.68	1016.68	1016.65	1016.70
	10	1016.65	1016.65	1016.63	1016.61	1016.60	1016.56	1016.52	1016.51	1016.51	1016.48	1016.47	1016.48	1016.55
	11	1016.48	1016.45	1016.42	1016.41	1016.39	1016.35	1016.30	1016.25	1016.24	1016.20	1016.15	1016.13	1016.31
	12	1016.08	1016.04	1016.02	1015.97	1015.91	1015.85	1015.81	1015.80	1015.78	1015.74	1015.72	1015.73	1015.87
	13	1015.75	1015.73	1015.75	1015.77	1015.75	1015.74	1015.73	1015.74	1015.72	1015.66	1015.63	1015.63	1015.71
	14	1015.63	1015.61	1015.61	1015.63	1015.64	1015.62	1015.60	1015.58	1015.56	1015.59	1015.61	1015.60	1015.60
	15	1015.59	1015.58	1015.55	1015.54	1015.54	1015.53	1015.53	1015.53	1015.55	1015.58	1015.62	1015.62	1015.56
	16	1015.65	1015.69	1015.74	1015.79	1015.82	1015.83	1015.83	1015.83	1015.85	1015.86	1015.84	1015.85	1015.80
	17	1015.87	1015.90	1015.95	1016.01	1016.06	1016.10	1016.15	1016.21	1016.26	1016.30	1016.35	1016.40	1016.13
	18	1016.44	1016.48	1016.54	1016.59	1016.64	1016.70	1016.76	1016.81	1016.87	1016.94	1017.00	1017.06	1016.73
	19	1017.14	1017.23	1017.29	1017.33	1017.33	1017.33	1017.39	1017.46	1017.49	1017.48	1017.46	1017.47	1017.36
	20	1017.49	1017.53	1017.56	1017.58	1017.63	1017.65	1017.67	1017.70	1017.72	1017.73	1017.72	1017.72	1017.64
	21	1017.76	1017.78	1017.79	1017.79	1017.80	1017.82	1017.85	1017.91	1017.94	1017.94	1017.95	1017.97	1017.86
	22	1018.01	1018.02	1018.05	1018.11	1018.15	1018.17	1018.14	1018.13	1018.16	1018.19	1018.22	1018.26	1018.13
	23	1018.30	1018.35	1018.38	1018.40	1018.39	1018.38	1018.40	1018.39	1018.39	1018.42	1018.46	1018.51	1018.40
8	0	1018.48	1018.47	1018.44	1018.41	1018.39	1018.41	1018.43	1018.40	1018.34	1018.34	1018.40	1018.44	1018.41
	1	1018.44	1018.42	1018.41	1018.39	1018.40	1018.44	1018.46	1018.44	1018.40	1018.38	1018.36	1018.31	1018.40
	2	1018.23	1018.18	1018.17	1018.19	1018.21	1018.22	1018.21	1018.17	1018.17	1018.21	1018.23	1018.26	1018.20
	3	1018.26	1018.23	1018.19	1018.18	1018.19	1018.18	1018.19	1018.19	1018.21	1018.24	1018.24	1018.24	1018.21
	4	1018.29	1018.34	1018.36	1018.35	1018.36	1018.37	1018.40	1018.45	1018.53	1018.62	1018.66	1018.68	1018.45
	5	1018.74	1018.80	1018.80	1018.78	1018.79	1018.80	1018.83	1018.88	1018.94	1018.97	1018.99	1019.04	1018.86
	6	1019.12	1019.17	1019.20	1019.22	1019.22	1019.22	1019.22	1019.24	1019.29	1019.33	1019.34	1019.35	1019.24
	7	1019.42	1019.49	1019.55	1019.58	1019.58	1019.57	1019.56	1019.58	1019.61	1019.60	1019.54	1019.51	1019.55
	8	1019.52	1019.57	1019.65	1019.70	1019.73	1019.74	1019.73	1019.73	1019.75	1019.73	1019.66	1019.61	1019.67
	9	1019.63	1019.64	1019.62	1019.56	1019.50	1019.49	1019.50	1019.51	1019.51	1019.50	1019.47	1019.43	1019.53
	10	1019.38	1019.33	1019.23	1019.16	1019.16	1019.12	1019.06	1019.01	1018.97	1018.92	1018.84	1018.79	1019.08
	11	1018.76	1018.72	1018.68	1018.65	1018.62	1018.61	1018.60	1018.58	1018.55	1018.52	1018.49	1018.47	1018.60
	12	1018.45	1018.39	1018.34	1018.30	1018.26	1018.22	1018.19	1018.18	1018.14	1018.11	1018.09	1018.05	1018.22
	13	1018.01	1017.99	1017.98	1017.95	1017.90	1017.88	1017.90	1017.88	1017.88	1017.88	1017.83	1017.78	1017.90
	14	1017.78	1017.77	1017.71	1017.66	1017.66	1017.67	1017.64	1017.62	1017.61	1017.58	1017.52	1017.46	1017.64
	15	1017.43	1017.42	1017.41	1017.39	1017.37	1017.40	1017.43	1017.41	1017.41	1017.42	1017.42	1017.43	1017.41
	16	1017.46	1017.49	1017.51	1017.48	1017.46	1017.46	1017.45	1017.42	1017.40	1017.41	1017.45	1017.47	1017.45
	17	1017.48	1017.45	1017.44	1017.45	1017.43	1017.42	1017.43	1017.44	1017.47	1017.51	1017.56	1017.60	1017.47
	18	1017.64	1017.69	1017.73	1017.76	1017.79	1017.82	1017.82	1017.80	1017.81	1017.83	1017.85	1017.85	1017.78
	19	1017.85	1017.88	1017.90	1017.88	1017.87	1017.83	1017.76	1017.73	1017.75	1017.75	1017.75	1017.74	1017.80
	20	1017.74	1017.76	1017.74	1017.69	1017.67	1017.66	1017.62	1017.60	1017.57	1017.52	1017.53	1017.56	1017.64
	21	1017.58	1017.59	1017.55	1017.53	1017.53	1017.54	1017.61	1017.69	1017.71	1017.74	1017.76	1017.74	1017.63
	22	1017.75	1017.74	1017.69	1017.63	1017.59	1017.61	1017.62	1017.61	1017.61	1017.62	1017.64	1017.58	1017.64
	23	1017.49	1017.43	1017.39	1017.38	1017.36	1017.33	1017.29	1017.23	1017.18	1017.13	1017.08	1017.03	1017.28

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	1016.86	1016.89	1016.90	1016.82	1016.76	1016.72	1016.64	1016.58	1016.51	1016.45	1016.45	1016.41	1016.66
	1	1016.35	1016.34	1016.29	1016.20	1016.15	1016.13	1016.11	1016.05	1015.92	1015.80	1015.74	1015.69	1016.06
	2	1015.65	1015.61	1015.58	1015.54	1015.47	1015.38	1015.34	1015.35	1015.37	1015.40	1015.38	1015.35	1015.45
	3	1015.32	1015.32	1015.32	1015.28	1015.23	1015.24	1015.28	1015.30	1015.34	1015.39	1015.42	1015.43	1015.32
	4	1015.45	1015.44	1015.45	1015.50	1015.49	1015.45	1015.41	1015.38	1015.38	1015.41	1015.43	1015.42	1015.43
	5	1015.39	1015.36	1015.33	1015.31	1015.29	1015.26	1015.23	1015.24	1015.28	1015.31	1015.34	1015.37	1015.31
	6	1015.41	1015.46	1015.53	1015.58	1015.61	1015.66	1015.71	1015.73	1015.76	1015.78	1015.77	1015.72	1015.64
	7	1015.66	1015.64	1015.65	1015.66	1015.68	1015.72	1015.76	1015.80	1015.84	1015.88	1015.96	1016.03	1015.77
	8	1016.05	1016.06	1016.05	1016.08	1016.11	1016.12	1016.11	1016.11	1016.10	1016.07	1016.08	1016.10	1016.08
	9	1016.13	1016.14	1016.12	1016.11	1016.10	1016.08	1016.07	1016.05	1016.01	1015.96	1015.94	1015.95	1016.05
	10	1015.94	1015.87	1015.78	1015.73	1015.69	1015.65	1015.66	1015.66	1015.63	1015.56	1015.53	1015.54	1015.68
	11	1015.53	1015.49	1015.48	1015.48	1015.48	1015.46	1015.43	1015.38	1015.29	1015.21	1015.17	1015.10	1015.37
	12	1015.01	1014.93	1014.82	1014.72	1014.65	1014.58	1014.49	1014.41	1014.38	1014.34	1014.28	1014.21	1014.57
	13	1014.16	1014.12	1014.09	1014.05	1014.00	1013.98	1013.97	1013.93	1013.86	1013.81	1013.79	1013.77	1013.96
	14	1013.76	1013.80	1013.80	1013.77	1013.75	1013.71	1013.64	1013.62	1013.61	1013.58	1013.52	1013.48	1013.67
	15	1013.53	1013.54	1013.51	1013.49	1013.54	1013.59	1013.64	1013.72	1013.64	1013.62	1013.75	1013.81	1013.61
	16	1013.98	1014.16	1014.17	1014.08	1014.03	1014.02	1014.01	1013.99	1013.99	1013.98	1013.99	1014.06	1014.04
	17	1014.11	1014.11	1014.11	1014.11	1014.08	1014.05	1014.10	1014.20	1014.27	1014.30	1014.31	1014.38	1014.18
	18	1014.45	1014.49	1014.53	1014.57	1014.62	1014.70	1014.77	1014.84	1014.93	1015.03	1015.08	1015.11	1014.76
	19	1015.14	1015.18	1015.22	1015.27	1015.31	1015.33	1015.35	1015.37	1015.43	1015.47	1015.49	1015.56	1015.34
	20	1015.61	1015.64	1015.67	1015.66	1015.67	1015.74	1015.84	1015.99	1016.09	1016.09	1016.08	1016.08	1015.84
	21	1016.07	1016.09	1016.14	1016.16	1016.17	1016.21	1016.24	1016.28	1016.36	1016.40	1016.45	1016.53	1016.26
	22	1016.58	1016.65	1016.73	1016.80	1016.86	1016.88	1016.88	1016.91	1016.97	1016.99	1016.99	1017.02	1016.85
	23	1017.05	1017.06	1017.06	1017.06	1017.05	1017.04	1017.04	1017.03	1017.02	1017.02	1017.01	1017.01	1017.04
10	0	1017.08	1017.08	1017.09	1017.09	1017.07	1017.04	1017.03	1017.06	1017.08	1017.07	1017.07	1017.08	1017.07
	1	1017.10	1017.11	1017.09	1017.07	1017.07	1017.05	1016.99	1016.97	1016.99	1016.99	1016.97	1016.92	1017.02
	2	1016.90	1016.90	1016.91	1016.94	1016.97	1017.01	1017.04	1017.08	1017.12	1017.13	1017.12	1017.10	1017.02
	3	1017.07	1017.08	1017.10	1017.12	1017.15	1017.17	1017.16	1017.15	1017.16	1017.16	1017.17	1017.19	1017.14
	4	1017.21	1017.23	1017.27	1017.31	1017.34	1017.36	1017.40	1017.46	1017.52	1017.54	1017.55	1017.57	1017.39
	5	1017.57	1017.61	1017.68	1017.72	1017.76	1017.79	1017.85	1017.91	1017.94	1017.97	1018.00	1018.00	1017.81
	6	1018.03	1018.04	1018.03	1018.08	1018.12	1018.16	1018.25	1018.32	1018.36	1018.37	1018.40	1018.46	1018.22
	7	1018.49	1018.51	1018.52	1018.56	1018.60	1018.63	1018.68	1018.75	1018.79	1018.82	1018.82	1018.81	1018.66
	8	1018.82	1018.85	1018.88	1018.88	1018.87	1018.84	1018.78	1018.75	1018.77	1018.82	1018.87	1018.88	1018.83
	9	1018.87	1018.84	1018.83	1018.80	1018.76	1018.76	1018.72	1018.67	1018.65	1018.61	1018.55	1018.50	1018.71
	10	1018.48	1018.47	1018.43	1018.40	1018.34	1018.30	1018.28	1018.27	1018.28	1018.24	1018.17	1018.15	1018.32
	11	1018.14	1018.13	1018.10	1018.08	1018.06	1018.07	1018.10	1018.10	1018.12	1018.12	1018.06	1018.00	1018.09
	12	1017.95	1017.93	1017.92	1017.88	1017.85	1017.84	1017.84	1017.77	1017.69	1017.64	1017.54	1017.48	1017.77
	13	1017.45	1017.38	1017.32	1017.26	1017.18	1017.12	1017.09	1017.06	1017.01	1016.96	1016.93	1016.92	1017.14
	14	1016.92	1016.96	1016.94	1016.88	1016.84	1016.78	1016.77	1016.77	1016.76	1016.76	1016.76	1016.74	1016.82
	15	1016.70	1016.72	1016.70	1016.67	1016.68	1016.65	1016.66	1016.69	1016.68	1016.68	1016.73	1016.78	1016.69
	16	1016.82	1016.83	1016.81	1016.77	1016.79	1016.83	1016.83	1016.84	1016.85	1016.85	1016.86	1016.85	1016.82
	17	1016.86	1016.88	1016.91	1016.96	1016.99	1017.04	1017.05	1017.00	1016.99	1017.00	1017.00	1016.99	1016.97
	18	1017.01	1017.00	1016.98	1016.98	1017.02	1017.09	1017.14	1017.16	1017.20	1017.29	1017.38	1017.40	1017.13
	19	1017.42	1017.45	1017.52	1017.58	1017.58	1017.55	1017.52	1017.51	1017.54	1017.55	1017.54	1017.56	1017.52
	20	1017.60	1017.62	1017.63	1017.62	1017.60	1017.59	1017.57	1017.54	1017.51	1017.47	1017.45	1017.45	1017.55
	21	1017.43	1017.40	1017.38	1017.41	1017.45	1017.46	1017.47	1017.48	1017.47	1017.44	1017.43	1017.41	1017.43
	22	1017.37	1017.34	1017.33	1017.34	1017.37	1017.38	1017.33	1017.28	1017.27	1017.31	1017.35	1017.34	1017.33
	23	1017.35	1017.35	1017.32	1017.29	1017.25	1017.24	1017.28	1017.29	1017.27	1017.26	1017.26	1017.23	1017.28

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1017.23	1017.25	1017.27	1017.25	1017.20	1017.14	1017.09	1017.05	1017.00	1016.98	1016.94	1016.87	1017.10
	1	1016.86	1016.88	1016.87	1016.82	1016.76	1016.72	1016.70	1016.68	1016.69	1016.68	1016.65	1016.65	1016.74
	2	1016.67	1016.67	1016.60	1016.50	1016.44	1016.42	1016.41	1016.43	1016.47	1016.51	1016.52	1016.49	1016.51
	3	1016.46	1016.45	1016.39	1016.35	1016.39	1016.41	1016.40	1016.40	1016.38	1016.33	1016.28	1016.27	1016.37
	4	1016.28	1016.29	1016.32	1016.37	1016.40	1016.44	1016.48	1016.48	1016.50	1016.54	1016.59	1016.62	1016.44
	5	1016.63	1016.69	1016.76	1016.79	1016.80	1016.80	1016.81	1016.83	1016.86	1016.87	1016.85	1016.82	1016.79
	6	1016.78	1016.76	1016.74	1016.75	1016.76	1016.75	1016.75	1016.74	1016.77	1016.78	1016.77	1016.78	1016.76
	7	1016.77	1016.74	1016.72	1016.73	1016.75	1016.77	1016.79	1016.77	1016.75	1016.77	1016.80	1016.80	1016.76
	8	1016.82	1016.82	1016.82	1016.84	1016.90	1016.95	1016.98	1016.99	1016.98	1016.99	1017.04	1017.07	1016.93
	9	1017.07	1017.05	1017.00	1016.93	1016.89	1016.90	1016.89	1016.85	1016.81	1016.77	1016.75	1016.71	1016.88
	10	1016.69	1016.70	1016.65	1016.57	1016.54	1016.52	1016.48	1016.46	1016.45	1016.42	1016.36	1016.32	1016.51
	11	1016.33	1016.31	1016.27	1016.29	1016.28	1016.22	1016.10	1016.01	1016.01	1016.02	1016.02	1016.02	1016.15
	12	1016.03	1016.03	1016.05	1016.06	1016.01	1015.97	1015.95	1015.91	1015.86	1015.80	1015.73	1015.66	1015.92
	13	1015.60	1015.57	1015.54	1015.48	1015.40	1015.34	1015.28	1015.26	1015.29	1015.29	1015.23	1015.23	1015.37
	14	1015.24	1015.24	1015.28	1015.26	1015.20	1015.21	1015.23	1015.23	1015.26	1015.27	1015.27	1015.25	1015.24
	15	1015.20	1015.17	1015.19	1015.22	1015.22	1015.20	1015.17	1015.16	1015.14	1015.11	1015.13	1015.17	1015.17
	16	1015.19	1015.16	1015.10	1015.10	1015.14	1015.15	1015.13	1015.12	1015.15	1015.19	1015.20	1015.18	1015.15
	17	1015.16	1015.21	1015.26	1015.23	1015.23	1015.30	1015.32	1015.32	1015.29	1015.26	1015.31	1015.35	1015.27
	18	1015.36	1015.39	1015.47	1015.56	1015.60	1015.61	1015.61	1015.67	1015.75	1015.80	1015.81	1015.83	1015.62
	19	1015.90	1015.94	1015.96	1016.03	1016.07	1016.10	1016.12	1016.17	1016.21	1016.24	1016.29	1016.32	1016.11
	20	1016.30	1016.27	1016.29	1016.30	1016.27	1016.25	1016.24	1016.28	1016.33	1016.40	1016.50	1016.59	1016.33
	21	1016.62	1016.62	1016.63	1016.62	1016.66	1016.69	1016.65	1016.61	1016.60	1016.61	1016.63	1016.63	1016.63
	22	1016.62	1016.62	1016.62	1016.62	1016.63	1016.65	1016.63	1016.61	1016.61	1016.61	1016.61	1016.63	1016.62
	23	1016.63	1016.58	1016.55	1016.51	1016.43	1016.32	1016.24	1016.19	1016.14	1016.08	1016.01	1015.97	1016.30
12	0	1015.98	1015.96	1015.89	1015.81	1015.74	1015.67	1015.63	1015.58	1015.55	1015.54	1015.51	1015.49	1015.68
	1	1015.48	1015.49	1015.48	1015.48	1015.49	1015.50	1015.52	1015.53	1015.51	1015.47	1015.44	1015.43	1015.48
	2	1015.43	1015.43	1015.39	1015.34	1015.36	1015.38	1015.36	1015.32	1015.28	1015.21	1015.16	1015.17	1015.32
	3	1015.18	1015.18	1015.19	1015.21	1015.22	1015.25	1015.30	1015.33	1015.35	1015.38	1015.40	1015.40	1015.28
	4	1015.42	1015.44	1015.46	1015.50	1015.52	1015.53	1015.53	1015.54	1015.57	1015.62	1015.69	1015.74	1015.54
	5	1015.78	1015.83	1015.91	1015.98	1016.02	1016.09	1016.15	1016.16	1016.18	1016.23	1016.28	1016.31	1016.07
	6	1016.34	1016.34	1016.35	1016.35	1016.38	1016.39	1016.38	1016.36	1016.33	1016.33	1016.37	1016.44	1016.36
	7	1016.51	1016.56	1016.58	1016.57	1016.55	1016.55	1016.51	1016.45	1016.45	1016.49	1016.53	1016.56	1016.52
	8	1016.57	1016.58	1016.57	1016.55	1016.53	1016.51	1016.50	1016.53	1016.56	1016.55	1016.55	1016.58	1016.55
	9	1016.61	1016.60	1016.58	1016.57	1016.56	1016.54	1016.50	1016.43	1016.35	1016.30	1016.28	1016.25	1016.46
	10	1016.20	1016.16	1016.10	1016.08	1016.12	1016.11	1016.04	1016.01	1015.99	1015.93	1015.88	1015.84	1016.04
	11	1015.80	1015.79	1015.78	1015.79	1015.81	1015.79	1015.74	1015.69	1015.66	1015.66	1015.64	1015.62	1015.73
	12	1015.59	1015.53	1015.45	1015.39	1015.36	1015.33	1015.27	1015.20	1015.14	1015.08	1015.03	1014.96	1015.28
	13	1014.88	1014.81	1014.75	1014.73	1014.70	1014.61	1014.57	1014.57	1014.54	1014.50	1014.47	1014.47	1014.63
	14	1014.46	1014.44	1014.44	1014.47	1014.49	1014.49	1014.52	1014.53	1014.51	1014.48	1014.45	1014.43	1014.47
	15	1014.43	1014.45	1014.47	1014.47	1014.46	1014.43	1014.44	1014.47	1014.48	1014.47	1014.47	1014.49	1014.46
	16	1014.48	1014.46	1014.43	1014.44	1014.42	1014.41	1014.44	1014.45	1014.46	1014.48	1014.49	1014.47	1014.45
	17	1014.46	1014.44	1014.40	1014.40	1014.40	1014.37	1014.36	1014.37	1014.40	1014.41	1014.41	1014.44	1014.40
	18	1014.49	1014.54	1014.63	1014.75	1014.88	1014.98	1015.06	1015.15	1015.20	1015.21	1015.25	1015.32	1014.95
	19	1015.36	1015.38	1015.43	1015.46	1015.47	1015.50	1015.52	1015.48	1015.48	1015.53	1015.50	1015.47	1015.46
	20	1015.45	1015.48	1015.54	1015.56	1015.55	1015.57	1015.60	1015.60	1015.60	1015.62	1015.68	1015.72	1015.58
	21	1015.76	1015.79	1015.79	1015.84	1015.93	1015.97	1015.94	1015.90	1015.86	1015.84	1015.82	1015.79	1015.85
	22	1015.77	1015.75	1015.75	1015.80	1015.81	1015.79	1015.76	1015.73	1015.72	1015.71	1015.70	1015.67	1015.74
	23	1015.60	1015.53	1015.50	1015.46	1015.41	1015.36	1015.32	1015.27	1015.20	1015.11	1015.03	1014.94	1015.31

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
13	0	1014.85	1014.83	1014.82	1014.84	1014.86	1014.82	1014.76	1014.74	1014.74	1014.75	1014.76	1014.71	1014.79
	1	1014.69	1014.67	1014.64	1014.64	1014.64	1014.65	1014.64	1014.66	1014.71	1014.68	1014.64	1014.62	1014.66
	2	1014.59	1014.57	1014.55	1014.55	1014.57	1014.58	1014.55	1014.52	1014.48	1014.48	1014.50	1014.51	1014.53
	3	1014.55	1014.53	1014.46	1014.44	1014.43	1014.42	1014.39	1014.33	1014.29	1014.28	1014.25	1014.17	1014.38
	4	1014.10	1014.07	1014.08	1014.13	1014.18	1014.25	1014.25	1014.13	1014.11	1014.22	1014.36	1014.48	1014.19
	5	1014.59	1014.70	1014.81	1014.90	1014.99	1015.07	1015.12	1015.15	1015.12	1015.12	1015.16	1015.20	1014.99
	6	1015.24	1015.25	1015.25	1015.20	1015.12	1015.03	1014.91	1014.82	1014.80	1014.81	1014.79	1014.74	1015.00
	7	1014.69	1014.64	1014.65	1014.68	1014.68	1014.74	1014.83	1014.88	1014.94	1014.99	1015.03	1015.06	1014.82
	8	1015.07	1015.10	1015.12	1015.13	1015.12	1015.13	1015.11	1015.08	1015.06	1015.02	1014.97	1014.93	1015.07
	9	1014.88	1014.89	1014.90	1014.88	1014.86	1014.83	1014.81	1014.80	1014.79	1014.76	1014.72	1014.70	1014.82
	10	1014.73	1014.72	1014.68	1014.64	1014.56	1014.48	1014.41	1014.37	1014.34	1014.27	1014.19	1014.14	1014.46
	11	1014.08	1014.02	1014.00	1014.01	1013.97	1013.89	1013.87	1013.90	1013.91	1013.89	1013.86	1013.80	1013.93
	12	1013.77	1013.72	1013.68	1013.68	1013.68	1013.67	1013.64	1013.58	1013.55	1013.53	1013.49	1013.43	1013.62
	13	1013.33	1013.26	1013.24	1013.21	1013.20	1013.22	1013.26	1013.28	1013.28	1013.27	1013.22	1013.17	1013.24
	14	1013.14	1013.10	1013.08	1013.08	1013.05	1013.05	1013.09	1013.13	1013.16	1013.16	1013.13	1013.07	1013.10
	15	1013.00	1012.97	1013.00	1013.05	1013.09	1013.12	1013.19	1013.28	1013.33	1013.37	1013.43	1013.49	1013.19
	16	1013.52	1013.53	1013.53	1013.60	1013.69	1013.71	1013.78	1013.86	1013.87	1013.86	1013.89	1013.94	1013.73
	17	1013.91	1013.89	1013.90	1013.90	1013.91	1013.87	1013.84	1013.90	1013.97	1014.03	1014.06	1014.07	1013.94
	18	1014.10	1014.09	1014.11	1014.13	1014.17	1014.25	1014.30	1014.34	1014.43	1014.52	1014.59	1014.67	1014.31
	19	1014.75	1014.78	1014.82	1014.89	1014.98	1015.06	1015.09	1015.09	1015.08	1015.06	1015.04	1015.04	1014.97
	20	1015.07	1015.07	1015.03	1015.03	1015.04	1015.05	1015.06	1015.05	1015.06	1015.10	1015.15	1015.21	1015.07
	21	1015.25	1015.29	1015.31	1015.32	1015.35	1015.41	1015.45	1015.48	1015.53	1015.58	1015.62	1015.67	1015.44
	22	1015.71	1015.73	1015.74	1015.75	1015.75	1015.74	1015.74	1015.77	1015.79	1015.80	1015.81	1015.80	1015.76
	23	1015.79	1015.77	1015.77	1015.80	1015.82	1015.80	1015.77	1015.76	1015.77	1015.78	1015.76	1015.72	1015.77
14	0	1015.72	1015.71	1015.69	1015.68	1015.69	1015.71	1015.72	1015.69	1015.68	1015.67	1015.65	1015.64	1015.68
	1	1015.66	1015.70	1015.74	1015.76	1015.77	1015.78	1015.78	1015.80	1015.84	1015.85	1015.82	1015.80	1015.77
	2	1015.78	1015.74	1015.71	1015.70	1015.70	1015.70	1015.71	1015.73	1015.74	1015.76	1015.77	1015.77	1015.73
	3	1015.74	1015.72	1015.71	1015.72	1015.75	1015.81	1015.89	1015.90	1015.89	1015.88	1015.88	1015.90	1015.81
	4	1015.95	1016.00	1016.05	1016.13	1016.22	1016.30	1016.36	1016.39	1016.46	1016.53	1016.54	1016.57	1016.29
	5	1016.62	1016.67	1016.72	1016.78	1016.87	1016.93	1016.96	1016.99	1017.00	1017.05	1017.11	1017.13	1016.90
	6	1017.13	1017.13	1017.17	1017.22	1017.22	1017.22	1017.26	1017.32	1017.35	1017.35	1017.35	1017.34	1017.25
	7	1017.37	1017.42	1017.44	1017.44	1017.45	1017.48	1017.50	1017.50	1017.53	1017.54	1017.55	1017.54	1017.48
	8	1017.51	1017.50	1017.52	1017.50	1017.46	1017.43	1017.43	1017.44	1017.42	1017.40	1017.40	1017.36	1017.45
	9	1017.28	1017.23	1017.18	1017.14	1017.08	1017.03	1017.01	1016.97	1016.94	1016.90	1016.85	1016.82	1017.03
	10	1016.79	1016.74	1016.66	1016.60	1016.56	1016.52	1016.48	1016.41	1016.35	1016.31	1016.28	1016.25	1016.49
	11	1016.19	1016.16	1016.15	1016.10	1015.99	1015.92	1015.89	1015.82	1015.78	1015.78	1015.79	1015.74	1015.94
	12	1015.63	1015.56	1015.52	1015.49	1015.50	1015.48	1015.43	1015.36	1015.29	1015.24	1015.19	1015.14	1015.40
	13	1015.09	1015.02	1014.95	1014.91	1014.89	1014.89	1014.88	1014.84	1014.83	1014.85	1014.92	1014.98	1014.92
	14	1015.00	1015.03	1015.01	1014.95	1014.93	1014.89	1014.77	1014.68	1014.62	1014.55	1014.48	1014.44	1014.78
	15	1014.41	1014.40	1014.37	1014.32	1014.31	1014.31	1014.32	1014.32	1014.31	1014.30	1014.31	1014.35	1014.34
	16	1014.34	1014.34	1014.38	1014.39	1014.38	1014.36	1014.34	1014.37	1014.44	1014.43	1014.38	1014.29	1014.37
	17	1014.22	1014.20	1014.14	1014.13	1014.14	1014.12	1014.11	1014.12	1014.16	1014.17	1014.18	1014.20	1014.16
	18	1014.22	1014.21	1014.18	1014.18	1014.19	1014.21	1014.29	1014.38	1014.42	1014.43	1014.46	1014.52	1014.30
	19	1014.56	1014.55	1014.52	1014.50	1014.45	1014.41	1014.39	1014.40	1014.43	1014.45	1014.41	1014.37	1014.45
	20	1014.34	1014.32	1014.34	1014.36	1014.37	1014.36	1014.32	1014.24	1014.20	1014.17	1014.16	1014.20	1014.28
	21	1014.23	1014.24	1014.22	1014.18	1014.15	1014.14	1014.13	1014.08	1014.02	1014.00	1014.00	1014.01	1014.11
	22	1013.95	1013.87	1013.87	1013.89	1013.89	1013.85	1013.76	1013.67	1013.63	1013.59	1013.52	1013.46	1013.74
	23	1013.42	1013.39	1013.32	1013.24	1013.17	1013.09	1013.00	1012.93	1012.87	1012.83	1012.79	1012.73	1013.06

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
15	0	1012.59	1012.56	1012.50	1012.46	1012.42	1012.32	1012.26	1012.30	1012.31	1012.29	1012.26	1012.23	1012.36
	1	1012.19	1012.17	1012.17	1012.14	1012.09	1011.99	1011.91	1011.84	1011.74	1011.69	1011.63	1011.49	1011.92
	2	1011.46	1011.47	1011.40	1011.33	1011.32	1011.32	1011.27	1011.19	1011.11	1011.03	1010.96	1010.87	1011.23
	3	1010.78	1010.73	1010.70	1010.65	1010.56	1010.50	1010.44	1010.38	1010.34	1010.32	1010.31	1010.31	1010.50
	4	1010.32	1010.35	1010.39	1010.42	1010.37	1010.30	1010.29	1010.24	1010.18	1010.22	1010.25	1010.20	1010.29
	5	1010.18	1010.20	1010.25	1010.28	1010.27	1010.23	1010.19	1010.14	1010.09	1010.04	1010.00	1010.00	1010.15
	6	1010.00	1009.97	1009.95	1009.95	1009.93	1009.88	1009.81	1009.75	1009.71	1009.65	1009.58	1009.58	1009.81
	7	1009.64	1009.68	1009.66	1009.61	1009.66	1009.77	1009.82	1009.81	1009.79	1009.81	1009.83	1009.80	1009.74
	8	1009.74	1009.69	1009.66	1009.67	1009.72	1009.72	1009.66	1009.69	1009.74	1009.66	1009.52	1009.45	1009.66
	9	1009.41	1009.34	1009.23	1009.06	1008.94	1008.94	1008.94	1008.87	1008.80	1008.79	1008.79	1008.71	1008.98
	10	1008.61	1008.56	1008.50	1008.46	1008.46	1008.43	1008.39	1008.29	1008.19	1008.16	1008.12	1008.05	1008.35
	11	1007.97	1007.87	1007.82	1007.84	1007.82	1007.77	1007.82	1007.85	1007.80	1007.83	1007.86	1007.82	1007.84
	12	1007.76	1007.67	1007.65	1007.62	1007.62	1007.68	1007.74	1008.11	1008.58	1008.88	1009.05	1009.06	1008.12
	13	1009.05	1009.04	1009.02	1008.96	1008.93	1008.96	1008.88	1008.87	1008.97	1009.02	1008.96	1008.80	1008.95
	14	1008.79	1008.78	1008.74	1008.79	1008.86	1008.89	1009.05	1009.33	1009.24	1008.82	1008.80	1009.05	1008.93
	15	1009.10	1009.14	1009.32	1009.44	1009.28	1009.00	1008.55	1008.18	1008.24	1008.38	1008.34	1008.32	1008.77
	16	1008.32	1008.30	1008.32	1008.40	1008.50	1008.57	1008.58	1008.56	1008.53	1008.58	1008.64	1008.64	1008.49
	17	1008.62	1008.64	1008.69	1008.77	1008.91	1009.02	1009.14	1009.25	1009.32	1009.43	1009.55	1009.63	1009.08
	18	1009.69	1009.76	1009.86	1009.95	1010.04	1010.16	1010.26	1010.33	1010.38	1010.44	1010.53	1010.60	1010.16
	19	1010.66	1010.70	1010.77	1010.89	1011.00	1011.08	1011.15	1011.21	1011.28	1011.37	1011.44	1011.50	1011.09
	20	1011.56	1011.61	1011.63	1011.65	1011.69	1011.75	1011.79	1011.86	1011.97	1012.03	1012.06	1012.08	1011.80
	21	1012.12	1012.16	1012.20	1012.27	1012.33	1012.41	1012.43	1012.44	1012.49	1012.49	1012.45	1012.42	1012.35
	22	1012.45	1012.52	1012.54	1012.54	1012.56	1012.56	1012.56	1012.58	1012.60	1012.60	1012.59	1012.57	1012.55
	23	1012.56	1012.58	1012.61	1012.63	1012.63	1012.60	1012.55	1012.49	1012.48	1012.48	1012.47	1012.49	1012.55
16	0	1012.44	1012.44	1012.44	1012.43	1012.36	1012.30	1012.33	1012.40	1012.45	1012.50	1012.53	1012.53	1012.43
	1	1012.55	1012.56	1012.55	1012.52	1012.54	1012.57	1012.55	1012.49	1012.48	1012.51	1012.56	1012.60	1012.54
	2	1012.62	1012.64	1012.67	1012.72	1012.72	1012.74	1012.75	1012.75	1012.77	1012.80	1012.82	1012.80	1012.73
	3	1012.77	1012.73	1012.67	1012.63	1012.64	1012.64	1012.61	1012.62	1012.69	1012.75	1012.80	1012.87	1012.70
	4	1012.96	1013.02	1013.05	1013.10	1013.19	1013.26	1013.31	1013.38	1013.45	1013.51	1013.52	1013.54	1013.27
	5	1013.57	1013.63	1013.73	1013.79	1013.85	1013.92	1013.98	1014.06	1014.13	1014.15	1014.18	1014.20	1013.93
	6	1014.19	1014.22	1014.23	1014.22	1014.23	1014.23	1014.22	1014.23	1014.30	1014.37	1014.40	1014.40	1014.27
	7	1014.40	1014.37	1014.32	1014.32	1014.32	1014.37	1014.42	1014.45	1014.51	1014.54	1014.60	1014.65	1014.44
	8	1014.66	1014.70	1014.74	1014.74	1014.77	1014.82	1014.83	1014.83	1014.84	1014.85	1014.88	1014.92	1014.80
	9	1014.96	1014.96	1014.94	1014.93	1014.93	1015.01	1015.09	1015.04	1014.97	1014.93	1014.93	1014.92	1014.96
	10	1014.96	1015.00	1014.97	1014.97	1014.99	1014.99	1014.94	1014.91	1014.86	1014.80	1014.81	1014.89	1014.92
	11	1014.93	1014.89	1014.84	1014.76	1014.69	1014.68	1014.71	1014.80	1014.84	1014.82	1014.77	1014.76	1014.79
	12	1014.70	1014.63	1014.66	1014.66	1014.66	1014.62	1014.59	1014.63	1014.63	1014.65	1014.62	1014.58	1014.63
	13	1014.58	1014.64	1014.65	1014.57	1014.53	1014.52	1014.57	1014.55	1014.50	1014.50	1014.50	1014.49	1014.55
	14	1014.50	1014.55	1014.58	1014.52	1014.52	1014.53	1014.50	1014.50	1014.54	1014.55	1014.54	1014.60	1014.53
	15	1014.70	1014.72	1014.72	1014.75	1014.77	1014.80	1014.80	1014.75	1014.78	1014.86	1014.87	1014.87	1014.78
	16	1014.86	1014.85	1014.85	1014.92	1014.95	1014.96	1015.00	1015.07	1015.13	1015.20	1015.24	1015.25	1015.02
	17	1015.26	1015.30	1015.33	1015.36	1015.44	1015.51	1015.58	1015.67	1015.72	1015.75	1015.78	1015.86	1015.54
	18	1015.92	1015.95	1015.99	1016.03	1016.12	1016.20	1016.25	1016.32	1016.38	1016.45	1016.54	1016.57	1016.22
	19	1016.59	1016.63	1016.63	1016.67	1016.75	1016.83	1016.89	1016.92	1016.95	1016.97	1016.97	1016.95	1016.81
	20	1016.92	1016.93	1016.89	1016.83	1016.82	1016.85	1016.85	1016.86	1016.89	1016.87	1016.83	1016.78	1016.86
	21	1016.76	1016.73	1016.71	1016.68	1016.63	1016.60	1016.62	1016.68	1016.72	1016.75	1016.79	1016.74	1016.70
	22	1016.65	1016.62	1016.64	1016.71	1016.70	1016.65	1016.66	1016.69	1016.73	1016.74	1016.72	1016.71	1016.68
	23	1016.70	1016.70	1016.65	1016.62	1016.65	1016.64	1016.58	1016.54	1016.49	1016.44	1016.42	1016.36	1016.56

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
17	0	1016.31	1016.27	1016.18	1016.12	1016.09	1016.07	1016.05	1016.04	1016.01	1015.99	1015.96	1015.89	1016.07
	1	1015.85	1015.81	1015.71	1015.60	1015.52	1015.53	1015.55	1015.54	1015.48	1015.41	1015.42	1015.50	1015.58
	2	1015.55	1015.57	1015.58	1015.51	1015.43	1015.41	1015.39	1015.38	1015.40	1015.41	1015.38	1015.35	1015.45
	3	1015.33	1015.30	1015.28	1015.26	1015.26	1015.29	1015.26	1015.19	1015.10	1015.07	1015.12	1015.07	1015.21
	4	1014.99	1014.98	1014.97	1015.01	1015.07	1015.09	1015.07	1015.06	1015.05	1015.00	1014.97	1014.99	1015.02
	5	1015.02	1015.06	1015.08	1015.09	1015.11	1015.12	1015.12	1015.11	1015.12	1015.12	1015.10	1015.09	1015.09
	6	1015.06	1015.06	1015.10	1015.13	1015.12	1015.10	1015.03	1014.97	1014.95	1014.93	1014.93	1014.92	1015.02
	7	1014.90	1014.90	1014.91	1014.87	1014.82	1014.82	1014.86	1014.88	1014.82	1014.77	1014.78	1014.79	1014.84
	8	1014.78	1014.78	1014.77	1014.76	1014.74	1014.70	1014.68	1014.64	1014.60	1014.60	1014.61	1014.57	1014.68
	9	1014.46	1014.41	1014.42	1014.37	1014.25	1014.19	1014.09	1013.94	1013.84	1013.74	1013.61	1013.51	1014.07
	10	1013.44	1013.36	1013.39	1013.40	1013.34	1013.38	1013.34	1013.19	1013.12	1013.07	1012.96	1012.90	1013.24
	11	1012.86	1012.74	1012.63	1012.59	1012.51	1012.55	1012.61	1012.58	1012.54	1012.50	1012.49	1012.41	1012.58
	12	1012.26	1012.12	1012.01	1012.00	1011.98	1011.97	1011.96	1011.93	1011.94	1011.94	1011.98	1012.03	1012.01
	13	1011.92	1011.77	1011.72	1011.76	1011.76	1011.73	1011.77	1011.79	1011.74	1011.72	1011.74	1011.73	1011.76
	14	1011.73	1011.69	1011.65	1011.69	1011.73	1011.73	1011.67	1011.68	1011.73	1011.72	1011.65	1011.61	1011.69
	15	1011.61	1011.60	1011.54	1011.44	1011.43	1011.47	1011.52	1011.58	1011.58	1011.57	1011.57	1011.55	1011.54
	16	1011.52	1011.49	1011.51	1011.51	1011.43	1011.42	1011.45	1011.51	1011.57	1011.54	1011.49	1011.50	1011.49
	17	1011.55	1011.60	1011.68	1011.76	1011.81	1011.85	1011.87	1011.94	1011.99	1011.98	1011.95	1011.93	1011.82
	18	1011.88	1011.80	1011.80	1011.82	1011.83	1011.82	1011.81	1011.86	1011.90	1011.94	1011.98	1012.02	1011.87
	19	1012.08	1012.14	1012.22	1012.29	1012.32	1012.32	1012.28	1012.26	1012.24	1012.23	1012.23	1012.23	1012.23
	20	1012.23	1012.22	1012.21	1012.17	1012.12	1012.16	1012.17	1012.16	1012.17	1012.16	1012.09	1011.98	1012.15
	21	1011.91	1011.88	1011.81	1011.73	1011.71	1011.74	1011.74	1011.71	1011.70	1011.71	1011.72	1011.69	1011.75
	22	1011.70	1011.71	1011.65	1011.61	1011.67	1011.70	1011.69	1011.65	1011.63	1011.70	1011.76	1011.73	1011.68
	23	1011.70	1011.72	1011.63	1011.54	1011.55	1011.54	1011.50	1011.49	1011.46	1011.40	1011.46	1011.52	1011.54
18	0	1011.51	1011.35	1011.13	1011.10	1011.08	1011.06	1011.02	1011.00	1011.02	1011.07	1011.15	1011.13	1011.12
	1	1011.06	1011.02	1011.03	1011.10	1011.15	1011.13	1011.12	1011.08	1011.01	1010.95	1010.93	1010.99	1011.05
	2	1011.02	1010.98	1010.92	1010.89	1010.77	1010.65	1010.68	1010.70	1010.64	1010.52	1010.41	1010.37	1010.71
	3	1010.26	1010.14	1010.13	1010.14	1010.12	1010.13	1010.18	1010.25	1010.17	1010.00	1010.01	1010.08	1010.13
	4	1010.11	1010.13	1010.13	1010.13	1010.13	1010.15	1010.11	1010.07	1010.07	1010.02	1010.03	1010.07	1010.09
	5	1010.05	1009.98	1009.87	1009.80	1009.75	1009.65	1009.58	1009.55	1009.54	1009.57	1009.58	1009.59	1009.71
	6	1009.67	1009.71	1009.72	1009.73	1009.68	1009.63	1009.61	1009.59	1009.55	1009.54	1009.54	1009.54	1009.62
	7	1009.54	1009.55	1009.60	1009.64	1009.66	1009.70	1009.68	1009.63	1009.64	1009.59	1009.57	1009.57	1009.61
	8	1009.56	1009.59	1009.52	1009.41	1009.33	1009.27	1009.23	1009.17	1009.14	1009.05	1008.92	1008.86	1009.25
	9	1008.81	1008.74	1008.70	1008.66	1008.57	1008.45	1008.32	1008.21	1008.15	1008.14	1008.12	1008.06	1008.41
	10	1008.01	1007.99	1007.98	1007.93	1007.88	1007.84	1007.80	1007.77	1007.74	1007.66	1007.61	1007.58	1007.81
	11	1007.52	1007.47	1007.41	1007.28	1007.19	1007.19	1007.15	1007.12	1007.16	1007.18	1007.13	1007.05	1007.23
	12	1006.97	1006.92	1006.84	1006.76	1006.74	1006.69	1006.63	1006.58	1006.50	1006.36	1006.28	1006.22	1006.62
	13	1006.15	1006.15	1006.14	1006.07	1005.98	1005.97	1005.97	1005.91	1005.86	1005.81	1005.75	1005.74	1005.96
	14	1005.69	1005.66	1005.67	1005.62	1005.59	1005.54	1005.48	1005.42	1005.40	1005.43	1005.45	1005.43	1005.53
	15	1005.38	1005.33	1005.32	1005.33	1005.33	1005.34	1005.32	1005.31	1005.33	1005.34	1005.33	1005.32	1005.33
	16	1005.34	1005.35	1005.34	1005.33	1005.34	1005.33	1005.32	1005.34	1005.35	1005.36	1005.36	1005.38	1005.34
	17	1005.41	1005.43	1005.46	1005.45	1005.42	1005.40	1005.41	1005.41	1005.39	1005.41	1005.46	1005.49	1005.43
	18	1005.50	1005.52	1005.55	1005.55	1005.55	1005.56	1005.59	1005.63	1005.67	1005.70	1005.72	1005.78	1005.61
	19	1005.84	1005.87	1005.89	1005.91	1005.94	1005.99	1006.05	1006.12	1006.18	1006.19	1006.17	1006.15	1006.02
	20	1006.16	1006.18	1006.20	1006.21	1006.20	1006.19	1006.24	1006.29	1006.29	1006.25	1006.21	1006.19	1006.22
	21	1006.19	1006.20	1006.24	1006.26	1006.27	1006.29	1006.29	1006.31	1006.34	1006.36	1006.37	1006.37	1006.29
	22	1006.38	1006.39	1006.39	1006.40	1006.39	1006.35	1006.34	1006.35	1006.35	1006.35	1006.34	1006.33	1006.36
	23	1006.31	1006.30	1006.28	1006.22	1006.17	1006.13	1006.10	1006.08	1006.02	1005.96	1005.91	1005.87	1006.11

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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
19	0	1005.75	1005.72	1005.66	1005.59	1005.51	1005.44	1005.41	1005.36	1005.29	1005.22	1005.15	1005.12	1005.42
	1	1005.07	1005.03	1005.03	1005.02	1004.99	1004.94	1004.91	1004.88	1004.81	1004.73	1004.67	1004.64	1004.89
	2	1004.61	1004.61	1004.61	1004.58	1004.56	1004.49	1004.37	1004.27	1004.22	1004.22	1004.22	1004.21	1004.41
	3	1004.21	1004.15	1004.00	1003.92	1003.91	1003.90	1003.87	1003.83	1003.84	1003.88	1003.92	1003.99	1003.95
	4	1004.05	1004.04	1004.03	1004.05	1004.09	1004.13	1004.14	1004.16	1004.18	1004.21	1004.27	1004.30	1004.13
	5	1004.35	1004.37	1004.34	1004.23	1004.09	1004.02	1003.98	1004.01	1004.03	1004.06	1004.13	1004.18	1004.15
	6	1004.24	1004.29	1004.28	1004.26	1004.29	1004.35	1004.42	1004.46	1004.48	1004.51	1004.52	1004.56	1004.39
	7	1004.66	1004.73	1004.78	1004.83	1004.84	1004.83	1004.82	1004.84	1004.88	1004.91	1004.94	1005.00	1004.84
	8	1005.03	1005.01	1004.99	1005.01	1005.02	1005.01	1005.06	1005.13	1005.14	1005.11	1005.08	1005.08	1005.05
	9	1005.08	1005.10	1005.08	1004.99	1004.96	1004.96	1005.03	1005.20	1005.28	1005.29	1005.22	1005.08	1005.10
	10	1005.02	1005.02	1004.97	1004.83	1004.75	1004.80	1004.84	1004.80	1004.78	1004.74	1004.73	1004.82	1004.84
	11	1004.88	1004.95	1004.98	1004.95	1004.92	1004.82	1004.65	1004.65	1004.69	1004.68	1004.70	1004.68	1004.79
	12	1004.64	1004.58	1004.52	1004.43	1004.41	1004.41	1004.49	1004.78	1004.91	1004.73	1004.51	1004.35	1004.56
	13	1004.27	1004.21	1004.11	1004.11	1004.05	1004.00	1004.06	1004.05	1004.07	1004.22	1004.28	1004.21	1004.13
	14	1004.10	1003.97	1003.89	1003.84	1003.92	1004.01	1003.86	1003.66	1003.49	1003.33	1003.19	1003.09	1003.69
	15	1003.01	1002.97	1002.97	1003.04	1003.08	1003.13	1003.25	1003.26	1003.26	1003.35	1003.45	1003.48	1003.18
	16	1003.44	1003.37	1003.42	1003.52	1003.49	1003.44	1003.40	1003.41	1003.35	1003.32	1003.42	1003.33	1003.41
	17	1003.31	1003.45	1003.45	1003.40	1003.31	1003.27	1003.31	1003.34	1003.30	1003.27	1003.34	1003.40	1003.34
	18	1003.29	1003.20	1003.20	1003.15	1003.11	1003.11	1003.08	1003.11	1003.20	1003.26	1003.23	1003.26	1003.18
	19	1003.33	1003.39	1003.46	1003.55	1003.64	1003.68	1003.83	1003.94	1003.76	1003.71	1003.90	1003.93	1003.67
	20	1003.85	1003.89	1003.93	1003.95	1004.00	1004.00	1003.93	1003.98	1004.10	1004.10	1004.02	1004.02	1003.98
	21	1004.08	1004.08	1004.03	1003.98	1003.96	1003.97	1004.09	1004.16	1004.19	1004.18	1004.18	1004.20	1004.09
	22	1004.20	1004.18	1004.15	1004.22	1004.29	1004.24	1004.15	1004.13	1004.12	1004.09	1004.11	1004.09	1004.16
	23	1004.06	1004.05	1004.06	1004.02	1003.92	1003.81	1003.77	1003.77	1003.74	1003.75	1003.70	1003.65	1003.86
20	0	1003.65	1003.68	1003.73	1003.76	1003.73	1003.71	1003.74	1003.73	1003.73	1003.78	1003.83	1003.85	1003.75
	1	1003.88	1003.96	1004.01	1004.03	1004.06	1004.07	1004.12	1004.12	1004.08	1004.04	1004.00	1003.97	1004.03
	2	1003.99	1004.06	1004.09	1004.06	1004.02	1003.97	1003.96	1003.97	1003.97	1003.98	1004.00	1004.01	1004.00
	3	1003.96	1003.88	1003.83	1003.84	1003.88	1003.88	1003.86	1003.84	1003.83	1003.90	1003.98	1004.03	1003.89
	4	1004.01	1003.99	1004.01	1004.01	1004.02	1004.08	1004.17	1004.22	1004.26	1004.34	1004.42	1004.48	1004.17
	5	1004.52	1004.53	1004.53	1004.56	1004.57	1004.58	1004.60	1004.64	1004.66	1004.68	1004.73	1004.82	1004.62
	6	1004.86	1004.86	1004.87	1004.83	1004.78	1004.81	1004.87	1004.91	1004.92	1004.99	1005.13	1005.25	1004.92
	7	1005.33	1005.38	1005.41	1005.43	1005.44	1005.40	1005.37	1005.35	1005.36	1005.37	1005.30	1005.28	1005.37
	8	1005.33	1005.33	1005.27	1005.22	1005.16	1005.07	1005.02	1005.00	1005.02	1005.12	1005.29	1005.38	1005.18
	9	1005.34	1005.29	1005.27	1005.17	1005.06	1005.00	1005.05	1005.24	1005.44	1005.47	1005.44	1005.44	1005.27
	10	1005.41	1005.37	1005.36	1005.37	1005.35	1005.32	1005.30	1005.27	1005.30	1005.33	1005.38	1005.45	1005.35
	11	1005.51	1005.54	1005.44	1005.37	1005.39	1005.45	1005.50	1005.55	1005.60	1005.64	1005.63	1005.62	1005.52
	12	1005.69	1005.73	1005.74	1005.72	1005.74	1005.78	1005.74	1005.72	1005.77	1005.78	1005.73	1005.69	1005.73
	13	1005.65	1005.63	1005.65	1005.64	1005.56	1005.54	1005.57	1005.53	1005.47	1005.45	1005.46	1005.50	1005.55
	14	1005.56	1005.56	1005.51	1005.47	1005.50	1005.47	1005.33	1005.17	1005.06	1005.01	1004.94	1004.85	1005.28
	15	1004.80	1004.80	1004.80	1004.80	1004.86	1004.89	1004.88	1004.92	1004.96	1004.94	1004.85	1004.77	1004.85
	16	1004.77	1004.79	1004.71	1004.58	1004.51	1004.54	1004.53	1004.52	1004.55	1004.59	1004.57	1004.63	1004.60
	17	1004.78	1004.93	1005.13	1005.48	1005.80	1005.88	1005.97	1005.99	1005.92	1005.96	1005.94	1005.68	1005.62
	18	1005.56	1005.69	1005.54	1005.45	1005.63	1005.86	1005.96	1005.70	1005.56	1005.70	1005.96	1006.24	1005.73
	19	1006.53	1006.82	1006.75	1006.39	1006.26	1006.32	1006.40	1006.52	1006.49	1006.42	1006.39	1006.39	1006.47
	20	1006.46	1006.47	1006.42	1006.43	1006.48	1006.46	1006.48	1006.60	1006.61	1006.57	1006.57	1006.60	1006.51
	21	1006.63	1006.64	1006.61	1006.58	1006.55	1006.49	1006.48	1006.46	1006.39	1006.34	1006.34	1006.33	1006.48
	22	1006.33	1006.29	1006.19	1006.10	1006.01	1005.96	1005.92	1005.90	1005.87	1005.77	1005.69	1005.66	1005.97
	23	1005.61	1005.56	1005.53	1005.49	1005.46	1005.46	1005.54	1005.61	1005.63	1005.62	1005.64	1005.66	1005.57

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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	1005.61	1005.55	1005.48	1005.44	1005.41	1005.40	1005.40	1005.39	1005.30	1005.20	1005.14	1005.05	1005.35
	1	1004.92	1004.80	1004.72	1004.65	1004.55	1004.52	1004.47	1004.36	1004.27	1004.21	1004.17	1004.14	1004.48
	2	1004.10	1004.04	1004.01	1004.00	1004.00	1003.97	1003.87	1003.80	1003.76	1003.72	1003.66	1003.57	1003.87
	3	1003.49	1003.41	1003.42	1003.52	1003.64	1003.77	1003.83	1003.85	1003.87	1003.88	1003.89	1003.91	1003.70
	4	1003.96	1004.05	1004.12	1004.14	1004.15	1004.18	1004.22	1004.26	1004.25	1004.24	1004.26	1004.27	1004.17
	5	1004.26	1004.19	1004.10	1004.10	1004.21	1004.29	1004.30	1004.32	1004.35	1004.35	1004.37	1004.40	1004.27
	6	1004.39	1004.36	1004.33	1004.34	1004.38	1004.43	1004.48	1004.49	1004.49	1004.48	1004.46	1004.44	1004.42
	7	1004.40	1004.34	1004.34	1004.35	1004.38	1004.42	1004.44	1004.44	1004.43	1004.46	1004.51	1004.53	1004.42
	8	1004.54	1004.54	1004.53	1004.54	1004.53	1004.51	1004.47	1004.45	1004.46	1004.47	1004.46	1004.44	1004.49
	9	1004.40	1004.33	1004.25	1004.18	1004.12	1004.05	1003.97	1003.90	1003.84	1003.81	1003.79	1003.78	1004.03
	10	1003.77	1003.73	1003.67	1003.62	1003.58	1003.61	1003.63	1003.60	1003.58	1003.58	1003.53	1003.45	1003.61
	11	1003.41	1003.38	1003.36	1003.32	1003.30	1003.27	1003.25	1003.26	1003.27	1003.31	1003.41	1003.47	1003.33
	12	1003.57	1003.71	1003.79	1003.86	1003.91	1003.98	1004.06	1004.10	1004.16	1004.27	1004.31	1004.28	1004.00
	13	1004.27	1004.29	1004.28	1004.27	1004.28	1004.28	1004.34	1004.39	1004.37	1004.32	1004.33	1004.38	1004.31
	14	1004.40	1004.38	1004.38	1004.44	1004.44	1004.42	1004.43	1004.44	1004.48	1004.51	1004.53	1004.54	1004.45
	15	1004.55	1004.55	1004.59	1004.63	1004.69	1004.76	1004.79	1004.85	1004.90	1004.93	1004.98	1005.03	1004.77
	16	1005.04	1005.07	1005.16	1005.22	1005.25	1005.26	1005.30	1005.37	1005.46	1005.51	1005.53	1005.59	1005.31
	17	1005.66	1005.68	1005.69	1005.76	1005.87	1005.98	1006.06	1006.11	1006.13	1006.11	1006.12	1006.19	1005.94
	18	1006.30	1006.38	1006.44	1006.49	1006.58	1006.71	1006.79	1006.83	1006.87	1006.89	1006.93	1007.01	1006.68
	19	1007.09	1007.18	1007.29	1007.35	1007.41	1007.51	1007.62	1007.68	1007.75	1007.85	1007.93	1008.00	1007.55
	20	1008.08	1008.17	1008.23	1008.30	1008.35	1008.39	1008.44	1008.46	1008.48	1008.52	1008.54	1008.59	1008.38
	21	1008.65	1008.70	1008.76	1008.83	1008.87	1008.92	1009.00	1009.07	1009.08	1009.10	1009.10	1009.11	1008.93
	22	1009.19	1009.28	1009.35	1009.37	1009.37	1009.40	1009.46	1009.49	1009.52	1009.56	1009.56	1009.57	1009.42
	23	1009.59	1009.59	1009.57	1009.54	1009.52	1009.48	1009.42	1009.36	1009.33	1009.35	1009.38	1009.40	1009.46
22	0	1009.38	1009.36	1009.32	1009.26	1009.25	1009.29	1009.32	1009.37	1009.40	1009.39	1009.38	1009.37	1009.34
	1	1009.31	1009.24	1009.18	1009.15	1009.14	1009.12	1009.11	1009.10	1009.13	1009.20	1009.27	1009.29	1009.18
	2	1009.29	1009.31	1009.39	1009.45	1009.47	1009.46	1009.44	1009.46	1009.51	1009.55	1009.57	1009.58	1009.45
	3	1009.61	1009.65	1009.69	1009.72	1009.75	1009.75	1009.74	1009.79	1009.87	1009.91	1009.97	1010.05	1009.79
	4	1010.14	1010.23	1010.29	1010.35	1010.40	1010.43	1010.51	1010.66	1010.78	1010.84	1010.95	1011.08	1010.55
	5	1011.09	1011.04	1011.04	1011.03	1010.98	1011.00	1011.05	1011.03	1010.93	1010.81	1010.74	1010.72	1010.95
	6	1010.72	1010.75	1010.79	1010.75	1010.74	1010.81	1010.90	1011.07	1011.29	1011.37	1011.32	1011.30	1010.98
	7	1011.38	1011.46	1011.51	1011.52	1011.50	1011.49	1011.56	1011.70	1011.81	1011.85	1011.85	1011.91	1011.63
	8	1012.01	1012.01	1012.03	1012.14	1012.24	1012.26	1012.27	1012.26	1012.22	1012.21	1012.24	1012.25	1012.18
	9	1012.21	1012.13	1012.09	1012.10	1012.06	1011.96	1011.90	1011.91	1011.94	1011.98	1011.96	1011.89	1012.01
	10	1011.80	1011.73	1011.70	1011.64	1011.56	1011.48	1011.41	1011.40	1011.41	1011.43	1011.47	1011.51	1011.54
	11	1011.50	1011.43	1011.36	1011.30	1011.26	1011.23	1011.22	1011.23	1011.15	1011.08	1011.08	1011.05	1011.24
	12	1011.05	1011.10	1011.14	1011.18	1011.16	1011.09	1011.01	1010.97	1010.94	1010.89	1010.86	1010.82	1011.02
	13	1010.74	1010.70	1010.72	1010.72	1010.67	1010.63	1010.63	1010.64	1010.67	1010.71	1010.77	1010.78	1010.70
	14	1010.81	1010.84	1010.88	1010.94	1010.98	1011.03	1011.09	1011.15	1011.25	1011.34	1011.30	1011.25	1011.07
	15	1011.21	1011.16	1011.09	1011.02	1011.02	1010.99	1010.92	1010.85	1010.70	1010.60	1010.59	1010.57	1010.89
	16	1010.54	1010.54	1010.66	1010.82	1010.92	1010.99	1011.00	1011.03	1011.07	1011.10	1011.06	1010.99	1010.89
	17	1010.94	1010.89	1010.86	1010.88	1010.90	1010.93	1010.97	1010.93	1010.84	1010.80	1010.79	1010.82	1010.88
	18	1010.85	1010.82	1010.83	1010.84	1010.84	1010.87	1010.92	1010.95	1010.94	1010.98	1011.09	1011.13	1010.92
	19	1011.07	1011.05	1011.06	1011.11	1011.21	1011.31	1011.39	1011.41	1011.47	1011.52	1011.52	1011.59	1011.31
	20	1011.68	1011.75	1011.78	1011.75	1011.72	1011.72	1011.75	1011.75	1011.71	1011.67	1011.62	1011.57	1011.70
	21	1011.52	1011.48	1011.45	1011.47	1011.52	1011.54	1011.59	1011.66	1011.73	1011.84	1011.90	1011.88	1011.63
	22	1011.85	1011.81	1011.78	1011.78	1011.79	1011.78	1011.79	1011.86	1011.93	1012.01	1012.12	1012.23	1011.89
	23	1012.30	1012.31	1012.31	1012.33	1012.36	1012.44	1012.46	1012.43	1012.41	1012.42	1012.46	1012.41	1012.38

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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	1012.32	1012.34	1012.34	1012.37	1012.48	1012.56	1012.56	1012.55	1012.54	1012.50	1012.44	1012.40	1012.45
	1	1012.41	1012.37	1012.33	1012.32	1012.31	1012.33	1012.33	1012.33	1012.33	1012.31	1012.30	1012.29	1012.33
	2	1012.28	1012.27	1012.26	1012.25	1012.25	1012.23	1012.19	1012.17	1012.14	1012.11	1012.07	1012.03	1012.19
	3	1012.02	1012.00	1011.98	1011.96	1011.95	1011.95	1011.97	1011.99	1011.99	1011.99	1012.00	1012.00	1011.98
	4	1012.01	1011.97	1011.94	1011.94	1011.90	1011.86	1011.83	1011.81	1011.82	1011.83	1011.81	1011.79	1011.87
	5	1011.80	1011.79	1011.80	1011.84	1011.86	1011.85	1011.85	1011.87	1011.86	1011.87	1011.89	1011.90	1011.85
	6	1011.94	1011.98	1012.01	1012.01	1012.00	1011.99	1012.00	1012.02	1012.01	1011.99	1011.97	1011.96	1011.99
	7	1011.94	1011.92	1011.91	1011.91	1011.92	1011.94	1011.94	1011.93	1011.94	1011.99	1012.05	1012.12	1011.96
	8	1012.19	1012.25	1012.28	1012.31	1012.32	1012.29	1012.28	1012.29	1012.32	1012.32	1012.28	1012.24	1012.28
	9	1012.22	1012.19	1012.18	1012.16	1012.11	1012.04	1011.98	1011.92	1011.87	1011.85	1011.83	1011.84	1012.01
	10	1011.85	1011.83	1011.78	1011.74	1011.70	1011.64	1011.60	1011.57	1011.51	1011.48	1011.46	1011.37	1011.63
	11	1011.30	1011.29	1011.25	1011.18	1011.15	1011.13	1011.09	1011.08	1011.05	1011.01	1011.01	1011.00	1011.13
	12	1010.94	1010.87	1010.82	1010.76	1010.71	1010.68	1010.62	1010.55	1010.47	1010.40	1010.36	1010.28	1010.62
	13	1010.23	1010.21	1010.17	1010.11	1010.06	1009.98	1009.92	1009.88	1009.84	1009.82	1009.79	1009.76	1009.98
	14	1009.77	1009.77	1009.73	1009.68	1009.65	1009.61	1009.61	1009.66	1009.69	1009.72	1009.68	1009.57	1009.68
	15	1009.54	1009.59	1009.64	1009.68	1009.73	1009.78	1009.82	1009.82	1009.84	1009.87	1009.85	1009.84	1009.75
	16	1009.84	1009.81	1009.76	1009.71	1009.68	1009.69	1009.71	1009.73	1009.73	1009.74	1009.76	1009.77	1009.74
	17	1009.79	1009.83	1009.86	1009.89	1009.93	1010.01	1010.09	1010.13	1010.15	1010.16	1010.17	1010.21	1010.02
	18	1010.28	1010.33	1010.36	1010.39	1010.44	1010.50	1010.56	1010.60	1010.67	1010.74	1010.79	1010.83	1010.54
	19	1010.86	1010.90	1010.95	1011.01	1011.07	1011.09	1011.14	1011.19	1011.22	1011.22	1011.22	1011.22	1011.09
	20	1011.24	1011.28	1011.29	1011.31	1011.36	1011.36	1011.36	1011.39	1011.40	1011.38	1011.38	1011.40	1011.34
	21	1011.41	1011.43	1011.42	1011.42	1011.50	1011.57	1011.59	1011.59	1011.59	1011.60	1011.63	1011.66	1011.53
	22	1011.71	1011.75	1011.77	1011.80	1011.82	1011.85	1011.84	1011.84	1011.84	1011.84	1011.85	1011.88	1011.81
	23	1011.91	1011.94	1011.94	1011.93	1011.93	1011.89	1011.83	1011.82	1011.83	1011.84	1011.86	1011.89	1011.88
24	0	1011.87	1011.87	1011.81	1011.74	1011.74	1011.73	1011.71	1011.70	1011.71	1011.72	1011.75	1011.74	1011.75
	1	1011.72	1011.71	1011.69	1011.68	1011.67	1011.66	1011.65	1011.67	1011.69	1011.67	1011.63	1011.62	1011.67
	2	1011.61	1011.62	1011.63	1011.62	1011.60	1011.58	1011.57	1011.57	1011.58	1011.59	1011.59	1011.57	1011.59
	3	1011.53	1011.50	1011.48	1011.47	1011.47	1011.50	1011.53	1011.53	1011.52	1011.50	1011.51	1011.50	1011.50
	4	1011.47	1011.47	1011.49	1011.51	1011.48	1011.48	1011.49	1011.53	1011.58	1011.60	1011.62	1011.64	1011.53
	5	1011.64	1011.65	1011.70	1011.71	1011.73	1011.79	1011.83	1011.88	1011.95	1011.99	1012.00	1011.98	1011.82
	6	1011.96	1012.02	1012.07	1012.09	1012.10	1012.08	1012.09	1012.12	1012.12	1012.10	1012.09	1012.10	1012.08
	7	1012.08	1012.08	1012.11	1012.12	1012.14	1012.14	1012.15	1012.16	1012.19	1012.25	1012.30	1012.30	1012.17
	8	1012.30	1012.31	1012.34	1012.40	1012.35	1012.29	1012.30	1012.32	1012.30	1012.24	1012.20	1012.20	1012.29
	9	1012.22	1012.24	1012.26	1012.25	1012.23	1012.17	1012.15	1012.15	1012.09	1012.09	1012.08	1012.04	1012.16
	10	1012.03	1011.98	1011.95	1011.94	1011.93	1012.01	1012.02	1011.94	1011.98	1012.01	1011.97	1011.92	1011.97
	11	1011.88	1011.91	1011.93	1011.85	1011.77	1011.73	1011.78	1011.80	1011.71	1011.68	1011.71	1011.72	1011.79
	12	1011.74	1011.70	1011.65	1011.62	1011.59	1011.58	1011.63	1011.62	1011.54	1011.51	1011.47	1011.44	1011.59
	13	1011.42	1011.42	1011.35	1011.23	1011.20	1011.19	1011.14	1011.14	1011.14	1011.10	1011.10	1011.06	1011.21
	14	1011.06	1011.15	1011.14	1011.06	1011.03	1011.06	1011.06	1011.02	1010.97	1010.96	1010.97	1010.93	1011.03
	15	1010.92	1010.95	1010.93	1010.95	1010.95	1010.88	1010.93	1010.99	1010.93	1010.92	1010.95	1010.99	1010.94
	16	1011.03	1011.03	1011.03	1011.00	1010.96	1010.94	1010.93	1010.95	1010.94	1010.93	1010.94	1010.94	1010.97
	17	1010.94	1010.95	1010.99	1011.05	1011.14	1011.17	1011.21	1011.30	1011.39	1011.47	1011.54	1011.57	1011.23
	18	1011.58	1011.58	1011.59	1011.58	1011.56	1011.60	1011.64	1011.64	1011.62	1011.62	1011.67	1011.74	1011.62
	19	1011.79	1011.83	1011.86	1011.85	1011.84	1011.87	1011.91	1011.91	1011.94	1011.97	1011.94	1011.93	1011.88
	20	1011.96	1011.97	1011.97	1011.98	1011.95	1011.91	1011.92	1011.91	1011.91	1011.92	1011.90	1011.89	1011.93
	21	1011.93	1011.97	1011.99	1012.01	1012.00	1011.93	1011.88	1011.85	1011.81	1011.77	1011.74	1011.71	1011.88
	22	1011.71	1011.71	1011.67	1011.62	1011.61	1011.64	1011.69	1011.74	1011.78	1011.77	1011.71	1011.68	1011.69
	23	1011.68	1011.68	1011.65	1011.61	1011.57	1011.54	1011.53	1011.51	1011.46	1011.42	1011.39	1011.35	1011.53

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
25	0	1011.26	1011.26	1011.23	1011.18	1011.15	1011.13	1011.09	1011.07	1011.04	1011.00	1010.99	1010.96	1011.11
	1	1010.93	1010.93	1010.96	1010.98	1010.99	1010.98	1010.97	1010.98	1010.98	1010.99	1010.99	1010.99	1010.97
	2	1010.98	1010.93	1010.90	1010.88	1010.83	1010.77	1010.74	1010.72	1010.72	1010.73	1010.74	1010.73	1010.80
	3	1010.75	1010.76	1010.74	1010.73	1010.73	1010.73	1010.69	1010.61	1010.57	1010.58	1010.58	1010.57	1010.67
	4	1010.55	1010.52	1010.51	1010.52	1010.55	1010.56	1010.55	1010.53	1010.53	1010.58	1010.65	1010.69	1010.56
	5	1010.70	1010.67	1010.66	1010.69	1010.70	1010.71	1010.73	1010.72	1010.70	1010.70	1010.70	1010.72	1010.70
	6	1010.76	1010.79	1010.79	1010.81	1010.83	1010.84	1010.87	1010.92	1010.98	1011.03	1011.05	1011.05	1010.89
	7	1011.02	1010.97	1010.94	1010.93	1010.95	1010.92	1010.89	1010.90	1010.89	1010.87	1010.86	1010.86	1010.91
	8	1010.85	1010.82	1010.76	1010.72	1010.71	1010.72	1010.69	1010.64	1010.60	1010.55	1010.49	1010.46	1010.67
	9	1010.46	1010.45	1010.42	1010.38	1010.32	1010.26	1010.20	1010.15	1010.11	1010.05	1009.96	1009.92	1010.22
	10	1009.87	1009.78	1009.72	1009.65	1009.56	1009.51	1009.49	1009.47	1009.43	1009.37	1009.28	1009.20	1009.53
	11	1009.14	1009.09	1009.02	1008.95	1008.88	1008.80	1008.74	1008.69	1008.67	1008.66	1008.62	1008.61	1008.82
	12	1008.60	1008.58	1008.58	1008.58	1008.59	1008.60	1008.63	1008.61	1008.56	1008.57	1008.58	1008.56	1008.58
	13	1008.56	1008.62	1008.68	1008.69	1008.70	1008.71	1008.69	1008.68	1008.63	1008.58	1008.58	1008.56	1008.64
	14	1008.54	1008.54	1008.54	1008.53	1008.48	1008.42	1008.37	1008.32	1008.27	1008.22	1008.17	1008.12	1008.38
	15	1008.11	1008.13	1008.16	1008.18	1008.20	1008.22	1008.28	1008.32	1008.37	1008.42	1008.40	1008.36	1008.26
	16	1008.38	1008.44	1008.50	1008.51	1008.51	1008.50	1008.47	1008.47	1008.51	1008.54	1008.57	1008.62	1008.50
	17	1008.64	1008.63	1008.67	1008.73	1008.77	1008.79	1008.80	1008.83	1008.86	1008.86	1008.87	1008.91	1008.78
	18	1008.92	1008.95	1009.02	1009.07	1009.04	1009.00	1008.99	1009.00	1009.02	1008.99	1008.95	1008.96	1008.99
	19	1009.01	1009.01	1009.00	1009.03	1009.10	1009.17	1009.22	1009.26	1009.24	1009.24	1009.26	1009.26	1009.15
	20	1009.29	1009.30	1009.30	1009.35	1009.36	1009.31	1009.24	1009.20	1009.18	1009.12	1009.09	1009.09	1009.23
	21	1009.11	1009.07	1009.00	1008.98	1008.99	1008.99	1009.00	1009.02	1009.01	1008.99	1008.98	1008.99	1009.01
	22	1008.95	1008.90	1008.84	1008.80	1008.81	1008.80	1008.78	1008.77	1008.75	1008.69	1008.67	1008.70	1008.79
	23	1008.69	1008.65	1008.62	1008.57	1008.49	1008.39	1008.34	1008.32	1008.32	1008.32	1008.31	1008.30	1008.44
26	0	1008.23	1008.20	1008.14	1008.10	1008.10	1008.08	1008.07	1008.06	1008.02	1007.95	1007.89	1007.84	1008.05
	1	1007.80	1007.77	1007.77	1007.75	1007.71	1007.65	1007.64	1007.64	1007.64	1007.65	1007.63	1007.64	1007.69
	2	1007.64	1007.63	1007.65	1007.65	1007.66	1007.68	1007.65	1007.61	1007.60	1007.59	1007.60	1007.63	1007.63
	3	1007.65	1007.67	1007.66	1007.64	1007.64	1007.63	1007.64	1007.68	1007.70	1007.72	1007.75	1007.78	1007.68
	4	1007.81	1007.84	1007.86	1007.90	1007.96	1008.03	1008.09	1008.16	1008.24	1008.29	1008.33	1008.37	1008.07
	5	1008.39	1008.39	1008.40	1008.41	1008.43	1008.45	1008.47	1008.46	1008.46	1008.48	1008.50	1008.53	1008.45
	6	1008.54	1008.54	1008.56	1008.59	1008.58	1008.60	1008.61	1008.61	1008.62	1008.63	1008.61	1008.59	1008.59
	7	1008.56	1008.49	1008.43	1008.38	1008.37	1008.40	1008.41	1008.39	1008.40	1008.43	1008.43	1008.43	1008.42
	8	1008.41	1008.44	1008.52	1008.53	1008.51	1008.52	1008.56	1008.59	1008.61	1008.62	1008.62	1008.58	1008.54
	9	1008.55	1008.55	1008.55	1008.51	1008.46	1008.43	1008.40	1008.36	1008.34	1008.31	1008.28	1008.27	1008.42
	10	1008.26	1008.23	1008.22	1008.19	1008.12	1008.08	1008.06	1008.01	1007.93	1007.87	1007.84	1007.82	1008.05
	11	1007.79	1007.73	1007.68	1007.62	1007.56	1007.54	1007.48	1007.40	1007.36	1007.32	1007.30	1007.31	1007.51
	12	1007.29	1007.29	1007.32	1007.30	1007.29	1007.27	1007.20	1007.13	1007.03	1006.96	1006.93	1006.89	1007.16
	13	1006.80	1006.69	1006.63	1006.57	1006.54	1006.60	1006.71	1006.78	1006.80	1006.84	1006.85	1006.79	1006.72
	14	1006.71	1006.63	1006.54	1006.45	1006.38	1006.43	1006.57	1006.69	1006.74	1006.74	1006.64	1006.56	1006.59
	15	1006.60	1006.69	1006.80	1006.96	1007.15	1007.19	1007.15	1007.26	1007.33	1007.31	1007.37	1007.34	1007.09
	16	1007.27	1007.30	1007.33	1007.34	1007.35	1007.33	1007.27	1007.31	1007.31	1007.24	1007.28	1007.35	1007.30
	17	1007.42	1007.52	1007.63	1007.64	1007.58	1007.55	1007.53	1007.46	1007.43	1007.47	1007.49	1007.47	1007.51
	18	1007.44	1007.41	1007.41	1007.47	1007.58	1007.67	1007.74	1007.75	1007.70	1007.66	1007.65	1007.62	1007.59
	19	1007.59	1007.62	1007.69	1007.71	1007.70	1007.79	1007.90	1007.92	1007.90	1007.84	1007.79	1007.80	1007.77
	20	1007.87	1007.90	1007.89	1007.89	1007.91	1007.91	1007.91	1007.94	1007.99	1008.07	1008.10	1008.10	1007.95
	21	1008.12	1008.11	1008.10	1008.10	1008.07	1008.04	1008.00	1007.99	1008.05	1008.13	1008.15	1008.12	1008.08
	22	1008.13	1008.12	1008.09	1008.11	1008.18	1008.23	1008.20	1008.16	1008.16	1008.15	1008.12	1008.08	1008.14
	23	1008.03	1007.98	1007.90	1007.88	1007.93	1007.94	1007.92	1007.87	1007.80	1007.76	1007.78	1007.77	1007.88

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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	1007.80	1007.79	1007.73	1007.67	1007.63	1007.59	1007.56	1007.53	1007.45	1007.38	1007.34	1007.36	1007.56
	1	1007.35	1007.28	1007.20	1007.17	1007.13	1007.05	1006.98	1006.98	1007.06	1007.14	1007.08	1006.97	1007.11
	2	1006.91	1006.86	1006.77	1006.71	1006.68	1006.65	1006.61	1006.60	1006.59	1006.54	1006.52	1006.51	1006.66
	3	1006.44	1006.39	1006.38	1006.35	1006.31	1006.29	1006.30	1006.33	1006.36	1006.35	1006.32	1006.28	1006.34
	4	1006.23	1006.20	1006.18	1006.19	1006.17	1006.18	1006.18	1006.15	1006.15	1006.20	1006.22	1006.22	1006.19
	5	1006.23	1006.24	1006.22	1006.23	1006.24	1006.22	1006.21	1006.21	1006.22	1006.23	1006.23	1006.23	1006.22
	6	1006.25	1006.27	1006.26	1006.28	1006.34	1006.35	1006.38	1006.43	1006.44	1006.43	1006.42	1006.39	1006.35
	7	1006.33	1006.27	1006.26	1006.27	1006.26	1006.24	1006.25	1006.24	1006.21	1006.19	1006.17	1006.14	1006.23
	8	1006.11	1006.07	1006.03	1005.98	1005.92	1005.89	1005.91	1005.93	1005.96	1005.96	1005.95	1005.97	1005.97
	9	1005.98	1005.96	1005.94	1005.95	1005.94	1005.91	1005.89	1005.90	1005.95	1006.01	1006.06	1006.05	1005.96
	10	1006.03	1005.99	1005.93	1005.83	1005.71	1005.63	1005.57	1005.50	1005.46	1005.41	1005.39	1005.36	1005.65
	11	1005.28	1005.23	1005.23	1005.21	1005.18	1005.18	1005.18	1005.20	1005.21	1005.17	1005.12	1005.10	1005.19
	12	1005.05	1004.99	1005.00	1004.99	1005.01	1005.08	1005.08	1005.06	1005.04	1005.00	1004.95	1004.93	1005.01
	13	1004.92	1004.91	1004.87	1004.79	1004.76	1004.75	1004.72	1004.71	1004.73	1004.71	1004.64	1004.58	1004.76
	14	1004.56	1004.55	1004.52	1004.49	1004.48	1004.50	1004.53	1004.52	1004.50	1004.49	1004.50	1004.54	1004.51
	15	1004.55	1004.56	1004.55	1004.50	1004.46	1004.44	1004.43	1004.36	1004.27	1004.22	1004.18	1004.14	1004.39
	16	1004.08	1004.01	1003.96	1003.91	1003.83	1003.77	1003.72	1003.69	1003.68	1003.66	1003.66	1003.62	1003.80
	17	1003.57	1003.55	1003.53	1003.51	1003.44	1003.42	1003.44	1003.44	1003.42	1003.40	1003.38	1003.37	1003.45
	18	1003.37	1003.38	1003.38	1003.37	1003.36	1003.34	1003.31	1003.26	1003.22	1003.19	1003.17	1003.17	1003.29
	19	1003.12	1003.06	1003.07	1003.12	1003.13	1003.16	1003.18	1003.13	1003.08	1003.04	1002.99	1002.96	1003.08
	20	1002.97	1003.00	1003.01	1003.08	1003.21	1003.29	1003.33	1003.25	1003.24	1003.32	1003.32	1003.28	1003.19
	21	1003.26	1003.30	1003.33	1003.35	1003.40	1003.45	1003.48	1003.53	1003.62	1003.69	1003.72	1003.76	1003.49
	22	1003.78	1003.80	1003.79	1003.77	1003.79	1003.78	1003.76	1003.80	1003.82	1003.81	1003.83	1003.85	1003.80
	23	1003.85	1003.83	1003.82	1003.78	1003.74	1003.68	1003.62	1003.59	1003.56	1003.52	1003.48	1003.42	1003.65
28	0	1003.36	1003.33	1003.28	1003.22	1003.15	1003.10	1003.09	1003.08	1003.05	1003.00	1002.94	1002.91	1003.11
	1	1002.92	1002.93	1002.92	1002.88	1002.83	1002.80	1002.78	1002.75	1002.72	1002.72	1002.67	1002.60	1002.79
	2	1002.56	1002.53	1002.49	1002.45	1002.44	1002.46	1002.46	1002.44	1002.42	1002.40	1002.38	1002.37	1002.45
	3	1002.39	1002.44	1002.46	1002.45	1002.43	1002.45	1002.48	1002.50	1002.51	1002.53	1002.56	1002.58	1002.48
	4	1002.61	1002.68	1002.72	1002.72	1002.70	1002.72	1002.77	1002.81	1002.85	1002.87	1002.91	1002.99	1002.78
	5	1003.04	1003.07	1003.11	1003.12	1003.13	1003.15	1003.22	1003.29	1003.33	1003.38	1003.44	1003.47	1003.23
	6	1003.51	1003.55	1003.60	1003.65	1003.72	1003.80	1003.85	1003.87	1003.92	1004.00	1004.09	1004.12	1003.81
	7	1004.09	1004.08	1004.15	1004.20	1004.18	1004.15	1004.15	1004.17	1004.17	1004.15	1004.14	1004.16	1004.15
	8	1004.21	1004.23	1004.23	1004.23	1004.25	1004.29	1004.33	1004.36	1004.40	1004.41	1004.40	1004.38	1004.31
	9	1004.39	1004.43	1004.44	1004.45	1004.44	1004.42	1004.39	1004.38	1004.41	1004.42	1004.41	1004.42	1004.41
	10	1004.43	1004.43	1004.44	1004.47	1004.46	1004.45	1004.46	1004.47	1004.49	1004.48	1004.45	1004.45	1004.46
	11	1004.45	1004.43	1004.41	1004.42	1004.46	1004.48	1004.50	1004.57	1004.62	1004.66	1004.72	1004.76	1004.54
	12	1004.77	1004.78	1004.78	1004.82	1004.85	1004.87	1004.84	1004.75	1004.71	1004.70	1004.71	1004.67	1004.77
	13	1004.65	1004.70	1004.73	1004.68	1004.59	1004.56	1004.55	1004.54	1004.56	1004.61	1004.70	1004.76	1004.63
	14	1004.78	1004.85	1004.88	1004.89	1004.90	1004.88	1004.85	1004.83	1004.84	1004.86	1004.87	1004.87	1004.86
	15	1004.93	1004.96	1004.94	1004.97	1005.01	1005.09	1005.21	1005.30	1005.36	1005.39	1005.38	1005.36	1005.16
	16	1005.36	1005.39	1005.39	1005.42	1005.43	1005.39	1005.37	1005.38	1005.39	1005.40	1005.42	1005.44	1005.40
	17	1005.50	1005.56	1005.57	1005.58	1005.63	1005.69	1005.73	1005.76	1005.80	1005.85	1005.92	1005.94	1005.71
	18	1005.95	1005.97	1005.98	1005.97	1005.96	1005.96	1005.98	1006.01	1006.03	1006.01	1006.00	1006.03	1005.99
	19	1006.07	1006.15	1006.23	1006.28	1006.34	1006.38	1006.39	1006.41	1006.40	1006.39	1006.40	1006.38	1006.31
	20	1006.34	1006.32	1006.31	1006.30	1006.29	1006.25	1006.24	1006.25	1006.22	1006.15	1006.08	1006.03	1006.23
	21	1006.00	1005.96	1005.94	1005.92	1005.93	1005.98	1006.01	1006.04	1006.08	1006.10	1006.06	1006.03	1006.00
	22	1006.03	1006.01	1006.00	1005.97	1005.96	1005.96	1005.93	1005.91	1005.93	1005.94	1005.90	1005.80	1005.94
	23	1005.70	1005.64	1005.57	1005.52	1005.46	1005.39	1005.32	1005.26	1005.20	1005.16	1005.16	1005.13	1005.37

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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	1005.19	1005.23	1005.26	1005.23	1005.21	1005.20	1005.19	1005.11	1005.00	1004.95	1004.92	1004.92	1005.11
	1	1004.96	1005.06	1005.32	1005.46	1005.47	1005.39	1005.17	1005.18	1005.10	1005.02	1005.11	1005.13	1005.20
	2	1005.14	1005.17	1005.23	1005.23	1005.23	1005.24	1005.30	1005.39	1005.39	1005.31	1005.21	1005.17	1005.25
	3	1005.12	1005.01	1004.90	1004.81	1004.77	1004.71	1004.67	1004.67	1004.65	1004.63	1004.65	1004.64	1004.77
	4	1004.61	1004.58	1004.58	1004.60	1004.64	1004.69	1004.72	1004.69	1004.59	1004.54	1004.56	1004.59	1004.61
	5	1004.63	1004.71	1004.77	1004.80	1004.82	1004.83	1004.81	1004.85	1004.93	1004.95	1004.96	1004.97	1004.83
	6	1005.00	1005.07	1005.16	1005.24	1005.33	1005.42	1005.51	1005.61	1005.67	1005.70	1005.75	1005.82	1005.44
	7	1005.90	1005.99	1006.08	1006.17	1006.23	1006.29	1006.34	1006.40	1006.44	1006.43	1006.44	1006.46	1006.26
	8	1006.49	1006.49	1006.48	1006.47	1006.47	1006.48	1006.45	1006.45	1006.46	1006.48	1006.50	1006.49	1006.47
	9	1006.45	1006.44	1006.46	1006.48	1006.50	1006.49	1006.47	1006.49	1006.53	1006.57	1006.61	1006.65	1006.51
	10	1006.65	1006.63	1006.62	1006.64	1006.67	1006.67	1006.69	1006.67	1006.63	1006.63	1006.65	1006.67	1006.65
	11	1006.68	1006.69	1006.76	1006.84	1006.87	1006.86	1006.84	1006.84	1006.84	1006.83	1006.83	1006.89	1006.81
	12	1006.93	1006.90	1006.91	1006.94	1006.91	1006.91	1006.92	1006.95	1006.99	1006.97	1006.98	1007.03	1006.94
	13	1007.06	1007.07	1007.07	1007.07	1007.07	1007.04	1007.01	1007.00	1007.01	1007.03	1007.06	1007.06	1007.04
	14	1007.04	1007.02	1007.02	1007.05	1007.08	1007.09	1007.07	1007.02	1006.98	1006.99	1007.00	1007.00	1007.03
	15	1007.00	1006.98	1006.99	1006.98	1006.95	1006.97	1006.99	1006.99	1007.01	1007.06	1007.09	1007.14	1007.01
	16	1007.20	1007.23	1007.23	1007.23	1007.23	1007.22	1007.22	1007.22	1007.23	1007.26	1007.27	1007.27	1007.23
	17	1007.32	1007.35	1007.39	1007.43	1007.47	1007.55	1007.62	1007.66	1007.68	1007.69	1007.70	1007.74	1007.55
	18	1007.77	1007.78	1007.80	1007.82	1007.82	1007.84	1007.87	1007.90	1007.94	1007.97	1008.01	1008.07	1007.88
	19	1008.13	1008.17	1008.19	1008.22	1008.26	1008.30	1008.34	1008.41	1008.48	1008.57	1008.69	1008.77	1008.38
	20	1008.81	1008.86	1008.92	1008.98	1009.03	1009.07	1009.11	1009.12	1009.13	1009.13	1009.13	1009.15	1009.03
	21	1009.19	1009.22	1009.22	1009.21	1009.25	1009.30	1009.31	1009.30	1009.34	1009.38	1009.35	1009.33	1009.28
	22	1009.31	1009.26	1009.23	1009.25	1009.29	1009.34	1009.38	1009.40	1009.43	1009.44	1009.41	1009.36	1009.34
	23	1009.33	1009.33	1009.34	1009.31	1009.27	1009.22	1009.20	1009.17	1009.12	1009.10	1009.09	1009.08	1009.21
30	0	1009.09	1009.10	1009.10	1009.12	1009.14	1009.14	1009.16	1009.19	1009.18	1009.15	1009.13	1009.12	1009.14
	1	1009.12	1009.15	1009.23	1009.26	1009.24	1009.23	1009.19	1009.17	1009.18	1009.21	1009.22	1009.23	1009.20
	2	1009.24	1009.22	1009.21	1009.23	1009.25	1009.25	1009.23	1009.22	1009.24	1009.27	1009.27	1009.22	1009.23
	3	1009.19	1009.16	1009.15	1009.17	1009.19	1009.19	1009.17	1009.14	1009.11	1009.10	1009.14	1009.20	1009.16
	4	1009.29	1009.38	1009.43	1009.41	1009.39	1009.39	1009.37	1009.41	1009.45	1009.48	1009.52	1009.53	1009.42
	5	1009.51	1009.50	1009.53	1009.55	1009.57	1009.59	1009.60	1009.59	1009.59	1009.58	1009.56	1009.56	1009.56
	6	1009.60	1009.62	1009.62	1009.61	1009.59	1009.59	1009.60	1009.59	1009.57	1009.57	1009.59	1009.60	1009.59
	7	1009.59	1009.58	1009.58	1009.60	1009.63	1009.63	1009.64	1009.64	1009.61	1009.56	1009.54	1009.54	1009.59
	8	1009.54	1009.56	1009.54	1009.52	1009.53	1009.55	1009.56	1009.58	1009.60	1009.62	1009.65	1009.67	1009.58
	9	1009.68	1009.70	1009.69	1009.65	1009.63	1009.65	1009.67	1009.70	1009.72	1009.75	1009.74	1009.71	1009.69
	10	1009.71	1009.69	1009.65	1009.65	1009.66	1009.66	1009.69	1009.68	1009.64	1009.60	1009.54	1009.51	1009.64
	11	1009.50	1009.48	1009.45	1009.38	1009.33	1009.35	1009.36	1009.35	1009.38	1009.46	1009.44	1009.38	1009.40
	12	1009.37	1009.32	1009.29	1009.32	1009.34	1009.32	1009.27	1009.25	1009.25	1009.25	1009.23	1009.22	1009.28
	13	1009.22	1009.20	1009.18	1009.16	1009.07	1008.99	1008.93	1008.83	1008.83	1008.86	1008.80	1008.78	1008.98
	14	1008.78	1008.78	1008.77	1008.76	1008.79	1008.76	1008.67	1008.64	1008.61	1008.54	1008.51	1008.51	1008.67
	15	1008.52	1008.52	1008.47	1008.46	1008.51	1008.50	1008.51	1008.55	1008.55	1008.53	1008.49	1008.40	1008.50
	16	1008.31	1008.24	1008.16	1008.12	1008.09	1008.07	1008.09	1008.07	1008.01	1007.96	1007.94	1007.94	1008.08
	17	1007.91	1007.85	1007.84	1007.90	1007.89	1007.82	1007.79	1007.71	1007.61	1007.49	1007.42	1007.48	1007.72
	18	1007.60	1007.68	1007.69	1007.67	1007.65	1007.71	1007.84	1007.95	1008.03	1008.13	1008.20	1008.23	1007.86
	19	1008.23	1008.17	1008.12	1008.15	1008.24	1008.32	1008.36	1008.35	1008.34	1008.33	1008.32	1008.29	1008.27
	20	1008.24	1008.23	1008.27	1008.27	1008.22	1008.19	1008.19	1008.20	1008.16	1008.10	1008.03	1007.94	1008.17
	21	1007.90	1007.92	1007.93	1007.90	1007.80	1007.70	1007.68	1007.66	1007.62	1007.57	1007.48	1007.41	1007.71
	22	1007.39	1007.41	1007.50	1007.57	1007.60	1007.69	1007.80	1007.81	1007.78	1007.80	1007.86	1007.89	1007.67
	23	1007.89	1007.90	1007.92	1007.93	1007.92	1007.95	1008.00	1007.95	1007.89	1007.88	1007.84	1007.78	1007.90

