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**SVIRCO Prompt Report: May 2015**

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: May 2015**

**Fabrizio Signoretti and Francesco Re**

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

### **Abstract**

*The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in May 2015 by the Neutron Monitor of SVIRCO-Rome (present geographic position:  $41.86^\circ$  N -  $12.47^\circ$  E; altitude about s.l. ), is reported in prompt form together with the barometric pressure data.*



## SVIRCO OBSERVATORY

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

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

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

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

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

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

Each of the 20 BF<sub>3</sub> proportional counters (BP-28 type) is equipped with a smart amplifier/discriminator circuit complete with a spectrum stabilizer. This new electronic unit, developed in our laboratory, holds firmly the pulse height spectrum of the amplifier output (within a range of more than 150 volts around the operating voltage), providing the counter with a great immunity against high voltage variations.

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

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

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

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

## DATA PRESENTATION

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

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

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

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

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

## CONDITIONS FOR SVIRCO DATA USE

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

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

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

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

Dr. 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](mailto:monica.laurenza@iaps.inaf.it)



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

Rome

Italy







		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	44671	44485	45084	44949	44729	44387	44514	44757	44872	44506	44573	44945	97.211	
	1	44651	44644	44989	44298	45249	44597	44959	45103	44543	45193	44274	44473	97.307	
	2	43964	44596	44535	44444	44582	44402	43980	44197	44395	44468	44513	44580	96.525	
	3	44600	45041	44460	44676	44709	44393	44519	44006	44753	44566	44643	44246	96.879	
	4	44209	44235	43672	44271	44206	44485	44883	44204	44116	45217	44443	43963	96.388	
	5	44267	44267	44569	44676	44410	44891	44577	44856	44158	44516	44463	45042	96.894	
	6	44487	44316	44701	44488	44251	44138	45008	44161	44520	44735	44868	44672	96.831	
	7	45012	44454	44406	44426	44124	44406	44634	44721	44734	44604	44765	43972	96.816	
	8	44903	44673	44786	45357	44584	44748	44409	44215	44196	44681	44321	44725	97.058	
	9	44819	44693	44668	45084	43796	44552	44847	44990	44512	45110	44808	44971	97.285	
	10	45133	45111	44928	44447	44941	44837	45320	44774	44512	44978	44739	44582	97.548	
	11	45382	45344	44706	45206	44959	44738	44835	44709	44704	44428	44862	44418	97.546	
	12	44733	45378	44765	44524	44749	44256	44500	44745	44550	44586	45153	45561	97.403	
	13	44955	44585	45031	45315	44768	44107	45116	45059	45333	45485	44470	44980	97.711	
	14	45301	45079	44575	44122	44814	44944	44507	44387	44551	44315	44441	45155	97.165	
	15	44754	44783	44279	44892	44094	44836	44793	44943	44740	45314	44609	44904	97.301	
	16	44375	44722	44491	44711	45190	44725	45200	44376	44838	45179	44397	44897	97.330	
	17	44234	44385	44948	44122	44633	44823	44748	44992	44645	44578	44362	44427	96.931	
	18	44134	44710	44907	44409	44350	44170	44187	44405	44567	44380	44559	45028	96.733	
	19	44948	43954	44330	44577	44536	44190	43916	44492	44757	44616	44652	44240	96.625	
	20	44250	44245	44540	44933	44623	44913	45310	44601	44173	44193	43961	44081	96.736	
	21	45340	44581	44473	44245	44781	44459	44683	44346	44482	44485	43867	44329	96.781	
	22	44327	45116	44368	44079	44307	44873	44510	44094	43773	44357	43645	45095	96.505	
	23	44455	43635	44019	44124	44484	45168	44230	44769	44244	44712	44054	44434	96.466	
2	0	44725	44502	44508	44409	44157	44336	44304	44196	44450	44529	44636	44203	96.574	
	1	44517	44165	44550	45011	44378	44628	45029	44516	44200	44584	44698	44090	96.835	
	2	44211	44935	43790	44895	44324	43574	44292	43614	44661	43740	44119	44479	96.159	
	3	44175	44714	44223	44295	44187	44572	44646	44803	44175	44547	44319	44383	96.594	
	4	45006	44672	44782	44321	44654	44053	45047	44368	44709	44878	45068	45068	97.245	
	5	44181	44706	44504	44707	44070	44528	45027	44113	44673	43954	44747	43909	96.609	
	6	44393	44453	44762	44326	44425	44538	45073	44311	44847	44803	44370	44153	96.851	
	7	44576	44751	44817	44385	44788	45128	44222	44794	44781	44136	44341	45345	97.143	
	8	44609	44397	44411	44726	44635	44764	44752	44715	44979	44459	44863	44592	97.113	
	9	44575	44873	44042	44835	44361	44553	45169	45147	45109	44669	44601	44727	97.251	
	10	44606	44542	45203	44899	44696	45062	44374	44839	44042	44528	44922	44595	97.187	
	11	44760	45000	45024	44510	44832	44788	44618	44807	44248	44729	44949	45142	97.386	
	12	44391	44910	44715	44375	44832	44428	44315	44089	44604	44849	44747	44718	96.945	
	13	44498	44830	44922	44873	45344	44593	43905	44606	44455	44624	44870	45246	97.269	
	14	45094	44059	44543	44888	45206	44611	44342	45230	45341	44792	44582	44148	97.282	
	15	44637	44810	44617	44826	44764	44987	44475	44319	44703	44865	45428	44873	97.367	
	16	45051	44806	44821	45279	44818	44630	44829	44676	44543	44610	44905	44466	97.391	
	17	44667	44838	43877	44516	44617	45236	44676	44559	44593	44617	44869	43983	96.958	
	18	43973	44175	44358	44331	44514	44883	44621	44356	45046	44691	44977	44387	96.825	
	19	45012	44462	44292	44654	44269	44393	44330	44849	44023	44430	45004	44953	96.890	
	20	44365	43897	44555	43987	44779	44224	44559	44159	44082	45090	44854	43978	96.502	
	21	43905	44592	44456	44716	44567	43979	44558	44896	44441	44644	44328	44068	96.614	
	22	44728	44283	44251	44841	44558	44404	44398	45063	44708	44650	43698	44296	96.746	
	23	44349	43605	44518	44637	44421	44876	44343	44684	43678	43973	43696	44166	96.215	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	44787	44110	43956	44208	44381	44379	44668	44182	44351	44422	44249	44446	96.430	
	1	43815	44699	44506	44247	44314	44096	44434	44079	44465	44044	44097	44325	96.247	
	2	44518	44279	44653	44389	44092	44909	44174	44652	44915	44317	43973	44701	96.691	
	3	44424	44402	44659	44694	44544	44304	44608	44352	43789	44786	44486	44618	96.708	
	4	44753	44500	44739	44474	44528	44798	44360	44663	44658	44625	44759	44469	97.009	
	5	44584	44698	44167	44263	43722	44588	43869	43959	44551	43836	44469	44646	96.289	
	6	44096	44565	44342	44667	44110	44603	44632	44012	44746	45184	44338	44238	96.684	
	7	45000	45335	44322	44319	44773	44500	44814	44672	45079	45080	45100	44460	97.394	
	8	44507	44266	45044	45053	44750	44783	44903	44949	44645	44409	45024	45114	97.393	
	9	44371	45193	44603	44892	44896	44342	44887	45091	44878	45087	44807	44722	97.451	
	10	44298	45176	43984	45366	44845	44461	45027	44764	44874	44614	45081	44891	97.381	
	11	45206	45201	44858	44682	44634	44837	44793	45001	45071	45186	44870	44645	97.671	
	12	45242	45242	45136	45249	45077	44842	44665	44748	44789	44650	44727	44236	97.602	
	13	44189	45250	44692	45061	44682	45322	44892	44571	44697	44981	45034	44723	97.510	
	14	45056	45060	45116	44739	44189	44960	44697	44259	45211	45233	44801	44785	97.513	
	15	44690	44556	44260	44613	44656	44513	44506	45058	45005	44552	44596	44433	97.029	
	16	44477	44080	44429	44453	44268	44429	44208	45175	44552	45014	44568	44917	96.872	
	17	44722	44548	44824	44732	44805	44887	44478	44532	44404	44504	44892	44014	97.012	
	18	44962	44311	44277	44683	44681	44057	44795	44184	44480	44764	45252	44698	96.975	
	19	44443	43993	43863	44821	45113	44595	43942	44092	45124	45093	44700	44713	96.857	
	20	44123	44810	44090	44050	44469	44658	44669	44072	43626	44188	44851	44087	96.350	
	21	44993	44406	44260	44224	44034	44549	44484	45185	44956	44364	44178	44857	96.857	
	22	44803	44816	44246	44458	43624	44195	44657	44189	44063	44601	44714	44485	96.561	
	23	44629	43903	44777	44613	44955	44118	44561	44447	44471	44837	43753	44686	96.723	
4	0	43776	44434	44572	44585	44544	43820	44603	44271	44560	44084	44524	44440	96.442	
	1	43702	44064	44263	44557	44448	44837	44718	45157	45223	44356	44105	44078	96.679	
	2	44896	43975	44450	44110	44379	44339	44461	44603	44089	44706	44553	44441	96.587	
	3	45326	44330	44022	44636	44142	44800	44302	43996	44477	45049	44170	44993	96.812	
	4	44858	44131	44371	44741	45052	45023	44707	44696	44679	44597	44901	43887	97.066	
	5	44607	44812	44672	45189	44607	44615	44540	44359	44248	44011	44444	44420	96.863	
	6	44669	44361	44270	44670	44286	43899	44352	44269	44235	44428	44652	44268	96.471	
	7	44639	43825	44306	44521	44556	44400	44230	44709	44338	44883	44653	43904	96.581	
	8	44664	44366	44758	44765	44629	45183	44947	44369	44109	44805	44924	44826	97.194	
	9	45015	45052	45027	45300	44791	45329	44853	44915	45595	44589	44433	44820	97.805	
	10	44506	44296	44510	44842	45480	44408	44328	43893	44657	44402	44963	44657	96.939	
	11	44788	44454	44407	44828	44628	44776	45012	44560	44473	45013	44237	44798	97.126	
	12	45366	44576	44517	45174	45232	44266	45074	43887	44776	45034	44555	44737	97.347	
	13	44674	44756	44894	44663	44465	44678	45012	44428	45084	45082	44153	45251	97.338	
	14	44625	45326	44876	44604	44815	45255	44556	44973	44561	45407	44595	44848	97.573	
	15	45077	45206	44930	44658	44979	44142	44569	44678	44670	44758	44975	44163	97.277	
	16	44971	44824	44238	45099	44249	45223	44736	44355	44161	44976	44781	44358	97.126	
	17	44817	44879	44680	44324	44554	44305	43873	44851	44174	44491	44353	44347	96.705	
	18	44713	45163	43461	44229	44450	44402	44721	44144	45151	44399	44268	44540	96.703	
	19	43919	44529	44126	44680	44111	44410	44661	44488	44651	44614	44628	44489	96.643	
	20	44239	44102	44631	44233	45314	44606	44449	45098	44397	44453	44790	44460	96.908	
	21	44717	44652	44375	44206	44164	44442	43977	44115	44553	44867	44216	44768	96.597	
	22	43939	44594	44605	44567	44081	44681	44762	43846	44827	44542	44360	44071	96.564	
	23	44555	43971	44019	44328	44156	44682	44826	44684	44729	44152	44569	44867	96.685	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	44276	44250	44985	45330	44248	44537	44094	43998	44547	44020	44633	43673	96.511	
	1	44385	44537	45246	44649	44780	44486	44686	44038	44161	44992	44301	44660	96.935	
	2	44846	44542	44551	45175	45033	44641	44763	44193	44641	44414	44907	44354	97.142	
	3	44406	44558	44327	44488	44473	44182	44537	44222	43995	44660	44342	44716	96.570	
	4	44377	44225	44383	44269	44448	44389	44776	43805	44589	44341	44627	44169	96.478	
	5	44948	44731	44305	44878	43831	44819	44266	44634	44721	44281	44816	44643	96.926	
	6	43913	43965	44370	44746	45348	44896	44422	43869	44597	44939	45202	44738	96.950	
	7	44533	44649	44960	44136	44167	43979	44873	44400	43949	44113	45097	45231	96.784	
	8	44547	44961	44572	44530	44356	44784	44916	44728	44677	45037	44306	45039	97.213	
	9	44574	44621	44748	44505	45190	45154	44363	45021	44492	44449	44244	45245	97.241	
	10	44434	44335	44683	44576	44649	44461	44834	45161	43864	44920	44992	44311	96.990	
	11	45182	45018	44750	44834	44789	44930	44526	45057	44911	44718	44457	44690	97.468	
	12	44858	44859	45129	44912	45130	45153	45144	45228	45063	44624	45775	44999	98.014	
	13	44575	44613	44445	44978	44573	44915	44917	44993	45045	45137	44272	44832	97.365	
	14	45113	44586	44865	44993	45345	44211	44713	45250	44744	44135	44367	44156	97.217	
	15	44598	44435	44183	45379	44565	44374	45198	44823	44967	44504	44631	44799	97.213	
	16	44749	44496	44456	44249	44307	44698	44339	44058	44217	44300	44250	44736	96.561	
	17	44091	45009	44539	44754	44776	44789	44914	45010	44514	44895	44802	43728	97.099	
	18	44899	44495	44431	45394	43961	44050	44546	44076	44612	44674	44571	43843	96.687	
	19	44221	45018	44068	44645	43777	44513	45044	44026	44430	44462	43864	44685	96.542	
	20	44925	43831	44279	44375	44317	44998	44303	44292	44429	44263	44730	43777	96.500	
	21	44614	44283	44810	44672	44037	44019	43707	44064	44148	44203	44488	44404	96.307	
	22	43855	44442	44815	43972	44538	44260	43573	44863	44461	44313	44142	44709	96.396	
	23	44115	44745	43976	44465	44430	44095	44666	43683	44573	43805	43677	44303	96.140	
6	0	44296	44466	43985	43829	43963	44156	44461	44748	44184	43889	43588	44268	96.008	
	1	44082	44417	44712	44024	44198	44239	43861	44022	43805	44127	43718	43643	95.834	
	2	44955	43966	43981	44188	43534	43706	44023	44211	44646	44693	43678	43818	95.935	
	3	43697	43848	43895	44386	43818	44020	43839	43784	43790	44123	44563	43869	95.614	
	4	44197	43893	44043	44103	43666	44094	44106	43934	43721	44741	43697	43904	95.699	
	5	44160	44283	44030	44575	43863	44138	43978	43552	43704	43757	43252	43845	95.525	
	6	43735	44074	44211	43751	44434	43547	43915	43970	44421	43944	44076	44779	95.837	
	7	44001	43290	43865	44049	43932	43670	44164	44344	43757	44322	43966	44491	95.654	
	8	43571	44602	44119	44186	44448	44017	43409	44008	44212	43820	44331	44557	95.913	
	9	43874	43903	44112	44280	44412	43512	44246	44942	43702	44407	44644	44131	96.073	
	10	44678	44050	43855	44360	44643	44054	43446	43889	44312	44352	44197	44668	96.135	
	11	44452	44184	44605	44427	44274	44066	44049	44221	44303	43891	44495	44072	96.233	
	12	44534	43731	43697	44864	44794	44187	44776	44299	44124	44527	44012	44114	96.344	
	13	44076	43641	44158	44240	44219	43566	43937	43615	44544	43574	43694	44280	95.599	
	14	44245	44334	44388	44033	44020	44062	43917	44164	44246	44665	43985	43783	96.015	
	15	43832	43524	43873	43903	44381	43563	44106	43703	43808	43500	44197	43879	95.368	
	16	43695	43664	44168	43956	43510	44675	44436	43717	44343	44336	43454	43722	95.623	
	17	44269	44193	43963	44330	43477	44188	43534	44338	43747	43986	44496	44396	95.849	
	18	44025	44177	44219	43991	44086	43907	43937	44318	43719	43851	43159	44211	95.609	
	19	43949	43813	44165	44110	43404	44551	44002	43713	43668	44360	44024	43988	95.635	
	20	44252	43594	43741	44106	43626	43294	44158	43622	43902	43611	43912	43890	95.267	
	21	43932	43665	44199	44046	44102	43923	43948	44237	43546	42968	43782	43033	95.206	
	22	43923	43703	43866	44257	44337	44067	43471	43818	43582	43421	43286	43787	95.231	
	23	43871	44084	44148	43998	44001	43653	43772	43650	43815	43986	43797	44220	95.499	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	43343	44230	43636	44552	43712	43518	43485	43566	43658	43740	44003	44424	95.293
	1	44028	43536	43546	43888	44136	43514	44013	43753	43984	44017	43919	43714	95.327
	2	43585	43461	43826	44466	44151	43487	43808	44386	44376	44167	43490	43754	95.492
	3	43830	43899	43680	44266	43504	43906	44154	44311	43996	44011	43683	44740	95.677
	4	43845	44005	44371	44625	43866	44494	43949	44089	44072	44198	44695	44093	96.098
	5	43639	43813	44330	44021	43950	43645	44414	44153	44153	43226	43977	43866	95.534
	6	44115	44528	44706	44085	43801	44040	43937	43965	44188	43747	43492	43802	95.755
	7	43690	44141	43604	43695	43925	44180	43985	44123	44133	44441	44150	44020	95.697
	8	44069	44135	44213	43734	43996	44130	43848	44254	43655	43976	44057	43593	95.619
	9	44281	43693	44167	44000	43988	43772	43657	43798	43774	44228	43946	44110	95.575
	10	43846	43598	44008	44070	43709	44485	44305	44123	44034	44007	44066	44004	95.728
	11	44492	44106	43874	44197	43799	44199	43308	43687	44044	43520	42916	43943	95.334
	12	43663	44186	44679	43892	44306	43019	43864	44161	43571	43878	44109	43910	95.543
	13	43814	44323	44172	43933	44146	44263	43316	44189	43946	43757	43667	43291	95.467
	14	43826	44028	43957	43478	44126	43950	43832	43627	43972	43554	43815	44495	95.439
	15													0.000
	16													0.000
	17							44194	44357	44080	44237	44038	43932	0.000
	18	44301	43864	44205	44270	43748	44308	44867	43638	44662	44713	43853	44034	96.128
	19	44233	44517	44535	44009	44202	43757	44655	43288	43980	44605	43192	43839	95.828
	20	43766	44280	43328	44660	43826	43617	44137	44790	44168	44532	44552	43930	95.968
	21	43988	43497	44432	44475	43851	44116	44300	43639	44135	44155	44482	43889	95.855
	22	44274	44246	44251	43887	43925	44244	44229	44090	43967	43674	43685	43669	95.707
	23	44549	44274	44457	43851	44410	44372	44180	44275	43578	44138	43903	44163	96.071
8	0	44523	43671	43838	43788	44501	44367	43811	43854	44297	43789	44182	43408	95.683
	1	43560	44072	44932	44045	44208	44581	43607	44085	43236	43582	43836	44065	95.646
	2	44285	44154	44837	44090	44267	43472	44722	44274	43571	43728	44786	45241	96.302
	3	44433	44167	44331	44500	44812	44175	44066	44527	44022	43596	44068	44253	96.216
	4	44155	44711	44056	44299	43671	44150	44334	43555	44385	43636	44002	44615	95.965
	5	44870	44014	43956	44261	44447	43952	43640	44133	43842	43775	44052	43828	95.821
	6	44180	43766	44051	43884	44523	43169	44651	43351	43896	43931	44021	43698	95.522
	7	43852	44852	44038	43570	44670	43921	44031	44221	44244	44493	43787	44439	96.065
	8	43886	44333	43808	43706	43310	44055	44211	43915	44186	43503	44497	44436	95.653
	9	44344	44268	44311	43723	44468	44194	44545	44288	44043	43733	43920	44203	96.051
	10	43830	43902	44655	43983	44218	44404	44075	44266	44103	44531	43999	44424	96.114
	11	44225	43878	44717	44697	44338	44277	44044	44566	44328	43738	44225	44563	96.333
	12	43902	44077	43967	43849	43920	44838	43828	44250	44761	44169	44471	43940	96.039
	13	43655	44701	43954	43813	44543	44030	43930	43970	44268	44171	44381	44460	96.021
	14	44631	44835	44571	43986	44211	43721	44164	44548	43879	44540	44234	43684	96.225
	15	43705	44415	44740	44672	44268	44664	44142	44025	43749	43150	44347	44296	96.074
	16	43955	43735	44369	43504	43850	43873	43596	44633	44199	44267	43968	43722	95.621
	17	44642	44213	44070	44021	43808	44799	43762	44672	43737	44436	44280	44510	96.215
	18	43725	44721	43975	44119	44423	43714	43958	44212	44362	44463	43700	44221	95.970
	19	44161	44326	43873	43856	43789	43599	43808	43564	44325	44493	44325	43947	95.693
	20	44221	44407	44508	43711	44088	44192	44215	44592	44127	43498	44552	44316	96.121
	21	44003	44560	44620	43953	44009	44492	44959	44488	44973	43759	44151	43925	96.386
	22	43932	44238	43780	44149	44528	44529	44281	44437	44146	44579	44064	44472	96.249
	23	43813	43749	44246	44377	43574	43716	44475	44194	44421	44517	44510	44146	95.997

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	44100	44082	44320	43834	44062	44357	44417	44591	43806	44529	44516	44508	96.244
	1	44696	44889	44126	43853	43495	44483	44203	43910	43909	44472	44281	44253	96.147
	2	44531	44621	43747	44668	44497	44661	44458	44270	44482	44852	44760	44576	96.790
	3	44680	44710	43787	44073	44516	44654	44737	44728	44563	43841	44847	44504	96.703
	4	44748	44449	45298	44250	44388	44382	44345	44784	44737	44205	44499	44451	96.866
	5	45118	44498	44600	44510	45071	44409	44623	44761	45318	44198	44154	45024	97.182
	6	45151	44161	43858	44655	44029	44000	44175	44769	44324	44255	44209	44225	96.372
	7	44496	45424	44510	44584	44585	44218	44600	44440	44217	44286	44461	44100	96.754
	8	45497	45232	43947	44821	44646	44654	44846	44474	44690	45551	45271	44660	97.546
	9	44687	44469	44386	44483	44469	45141	44990	45222	45196	44395	44187	44412	97.137
	10	43919	44918	45178	44385	44603	43825	44707	44043	44333	44644	44144	44328	96.592
	11	43882	43703	44225	44465	44466	44340	44545	44413	44355	44990	44635	44955	96.583
	12	44417	44644	44329	44243	44018	44585	44100	43848	44204	44101	44708	44689	96.385
	13	44434	44149	44348	44525	43811	43794	44813	44533	44217	44304	43968	44535	96.303
	14	44345	44596	44340	44072	43984	44203	44429	44028	43834	44167	44799	44939	96.358
	15	44585	44602	44345	44656	44201	44725	43508	44105	44460	43974	44547	44102	96.372
	16	44645	44354	44471	43851	43905	44009	44429	43836	44120	44103	44353	44540	96.155
	17	44194	44331	44047	44270	43830	44312	43790	44934	44262	44119	44473	44125	96.168
	18	44198	44544	44493	44679	44136	43544	44042	44133	44052	44851	44147	44010	96.194
	19	44331	43961	44369	44132	44199	44359	43664	44199	44234	44637	44128	44131	96.106
	20	44499	44441	44565	44418	44378	44534	44318	44245	44404	44443	43584	44677	96.498
	21	44536	43878	45352	44942	44523	44065	44720	44529	43916	44710	44685	44058	96.753
	22	44568	44333	44156	44355	43712	43812	44004	44566	43721	43959	44538	44692	96.119
	23	44712	44250	43720	44737	44037	44231	43837	44231	44366	44361	44763	44534	96.366
10	0	44887	44163	44332	44886	44643	44846	44504	44209	44981	44555	44310	44882	96.984
	1	45076	44983	44300	44196	44701	45174	43955	44582	44058	44409	44473	44826	96.901
	2	44617	44450	45015	44013	44598	44733	43801	44026	44631	44685	44344	44558	96.673
	3	44373	44608	44168	44517	44102	44808	44478	44224	44803	44257	45265	44160	96.725
	4	44661	44860	44522	44272	44773	44943	44201	44360	44748	43830	44618	44528	96.826
	5	43816	44501	44681	44454	43949	44378	44426	44616	44377	44452	44695	44360	96.533
	6	43994	44280	44713	44813	44843	44365	44250	44913	44833	44151	44371	44296	96.736
	7	44874	44591	44437	44004	44423	44445	43920	44421	44470	44840	44246	44553	96.628
	8	44796	44414	45149	44279	44569	44384	43940	44779	45573	44808	44178	44588	97.033
	9	44397	44197	44828	44482	44448	44448	44246	45191	44179	44822	45188	44302	96.900
	10	45314	45405	45608	45061	44824	44284	44589	45156	44745	44704	44863	44538	97.690
	11	44203	44341	44858	44508	44486	44969	44873	45076	45258	44302	44753	45214	97.283
	12	44893	44865	45436	44175	44810	45272	44946	44528	45274	44914	44668	44523	97.548
	13	44497	45077	45058	45234	44810	44373	44802	44866	44362	45376	44675	44737	97.469
	14	44557	45135	45526	44437	45344	44959	44424	45096	44872	45137	44435	44574	97.583
	15	44774	45039	44632	44945	44777	44604	45272	44580	44231	44087	44690	44373	97.132
	16	44742	44754	44928	45151	44463	44881	45043	44196	44485	45219	44742	44834	97.391
	17	44709	44396	44679	44664	44886	45033	45026	45157	44317	44892	44076	44757	97.238
	18	44289	45108	44489	43521	44226	44735	44810	44911	44451	44447	45025	44851	96.924
	19	44696	44477	43764	44737	44700	44597	44766	44730	44655	43412	44723	44378	96.702
	20	44328	43957	44207	44399	44296	43858	44148	44342	43970	44424	44117	44511	96.145
	21	44548	44346	44262	44225	44573	44231	44661	44392	44268	44602	44110	44295	96.499
	22	44144	44677	44553	44692	43980	44854	44731	43758	45192	44407	44460	45099	96.868
	23	44680	44383	44705	44237	44710	44961	45211	44083	44362	44167	44316	43733	96.687

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	44426	44884	44356	44776	44550	44813	44755	44866	44853	44210	44838	44539	97.110
	1	44636	44695	44992	44600	44564	44849	44798	43845	44847	44075	45080	44472	97.032
	2	45121	45141	44381	44327	44330	44838	44806	44870	44435	44675	44455	45002	97.200
	3	44509	44607	43903	44637	44059	44920	44585	44501	44681	44467	44661	43958	96.676
	4	44700	44109	44646	44441	44997	44471	44659	44911	44258	44837	44616	44716	97.015
	5	44835	44539	45105	44545	44516	45267	45328	44752	44814	44500	44632	44687	97.406
	6	43784	44731	44644	44601	44589	44784	44719	44461	45022	45033	45034	44502	97.113
	7	44726	44304	44583	44268	44573	44032	45085	44787	44746	44729	44276	44201	96.825
	8	44630	44448	44530	45042	44475	44561	44399	44929	44637	44865	44480	45080	97.145
	9	44879	44350	45020	45435	44713	44596	45239	44334	44207	44992	43378	44298	97.029
	10	43857	44724	44350	44983	44456	45155	44595	45290	45031	44668	43971	44501	97.055
	11	44571	44835	44126	45453	44776	44648	45506	44682	44447	44598	45531	45286	97.577
	12	45208	44456	45119	44544	45255	44951	45233	45036	45047	44962	45004	44916	97.807
	13	44932	44410	45774	45190	44640	44458	44345	44723	44547	45372	45253	45110	97.630
	14	44605	45260	44707	45171	44619	44569	45123	44968	44961	44620	45152	45162	97.659
	15	44642	45041	44875	44914	44959	45273	44991	44766	44901	44779	44732	45372	97.719
	16	44794	44290	44631	45597	45596	45249	43817	44734	44990	44934	44572	44441	97.428
	17	44770	45161	45255	45135	44658	45353	45213	44833	45283	44986	44507	45242	97.927
	18	44468	45462	44362	45437	44753	44438	44883	45142	45249	44749	44861	44912	97.623
	19	44716	45630	44835	44750	44971	44742	45075	45184	44540	45105	44721	44873	97.700
	20	44869	44689	45016	44169	45495	44714	45426	44770	44213	44683	44671	44878	97.419
	21	44666	44161	44705	44852	44713	44548	45157	44483	44459	44542	43938	44804	96.955
	22	44815	44372	45812	44688	44691	45087	44756	44947	44670	45000	44813	44848	97.584
	23	44289	44650	44589	45157	44530	44984	45206	44556	44504	44022	44724	44215	97.027
12	0	44451	44225	44556	44621	45461	44280	44806	44643	44795	44397	44871	44603	97.080
	1	44535	44677	44699	44612	44786	43995	44618	44757	44429	44903	44982	43789	96.910
	2	44522	44445	44698	44347	44308	44254	44263	44386	43871	45139	45015	44657	96.751
	3	44744	43717	44884	44280	44500	44499	44449	44514	44292	44768	44821	44114	96.693
	4	44916	44701	44745	45016	44619	44835	44729	44510	44391	44396	44810	44453	97.153
	5	44484	44790	44556	44974	44587	45262	44343	44915	44116	44773	45183	44868	97.285
	6	44129	44196	44762	45228	44404	44660	45153	44353	45211	44494	44601	43987	96.982
	7	44943	44810	45089	45283	44763	45041	45139	45315	44505	44780	45149	44468	97.727
	8	44917	44504	44958	44669	44995	45072	44923	44981	44576	44482	44462	44980	97.406
	9	45213	44060	45293	44867	44542	44802	44716	44987	45105	45096	44694	44721	97.511
	10	44634	44247	44958	44565	45064	44778	45333	44734	44939	45181	44877	44830	97.519
	11	45107	45137	44943	45256	44659	45383	45091	45366	44834	44998	44901	45141	98.003
	12	45728	45008	45187	44586	44834	45117	44860	45315	44487	44646	45392	45064	97.896
	13	44890	45288	45128	44989	45357	45017	44991	45129	45215	44875	44984	44820	97.979
	14	44500	44746	44853	44826	44751	44936	44898	44799	44144	45048	45182	44657	97.374
	15	44887	44922	44782	44846	45594	45186	44690	45210	44551	44983	44895	45019	97.777
	16	44108	44610	44406	44542	44969	44586	45044	45331	44657	45478	44514	44467	97.259
	17	45391	45016	44235	44740	44868	45282	44801	44553	44735	45127	45044	44767	97.594
	18	44818	44951	44467	45229	44956	45031	44442	44863	45042	45721	45035	45181	97.808
	19	44498	44255	44733	44942	45196	44869	44828	45395	44874	45167	44699	44602	97.504
	20	44784	44909	44186	45151	45004	45596	44733	44803	45023	44365	44598	45012	97.523
	21	44851	44577	44516	44407	44494	45093	44483	44311	45104	45124	45214	44451	97.244
	22	45053	45089	44534	44390	44830	44689	44667	44822	44475	44764	44797	45014	97.335
	23	45148	43886	44945	44733	44482	45165	44386	44625	44641	44646	44351	44458	97.034

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	44699	44394	44881	44715	44366	44568	44407	44526	44223	44282	44596	44301	96.753
	1	44471	44540	44503	44940	44756	44315	44906	44731	45110	44643	45088	44379	97.200
	2	44932	44934	44470	44684	44640	45070	45060	44966	44906	45472	44233	45166	97.590
	3	44697	44487	44341	44175	44533	44776	44014	44353	44487	44512	44859	43831	96.599
	4	44932	44504	44537	45042	44489	44226	44265	44548	44743	44998	44789	44704	97.090
	5	44440	44698	45128	44715	44735	45289	44790	45319	45398	44234	44012	44351	97.332
	6	44829	44537	44566	44290	45000	44567	44701	45114	45296	44839	45225	45135	97.511
	7	45243	45004	44560	44890	44970	44260	44864	44516	45153	44901	44516	44685	97.414
	8	44721	45198	45521	44540	44573	45548	44679	45238	44665	44849	44954	45095	97.780
	9	45106	45143	45227	44750	44583	45659	45174	44460	44717	45123	44681	44633	97.720
	10	45057	44925	45142	44720	45091	45244	44840	45372	45025	44116	45451	45675	97.975
	11	44775	45618	45180	44726	44657	45063	44621	45004	45435	44828	45135	45019	97.867
	12	45057	44555	44792	45577	45163	45047	45121	45506	45378	45418	45915	45718	98.445
	13	45303	44891	45489	45279	45027	45513	44863	45171	45665	44927	44946	44825	98.200
	14	45094	44869	45623	45088	45278	44822	45582	45018	44402	45043	45593	45380	98.180
	15	44673	44497	44304	44999	44735	44230	45336	44449	45006	44633	44588	44792	97.175
	16	45376	44701	44960	45075	44749	44644	44916	44905	45045	44734	44738	45260	97.693
	17	44561	45008	45729	44923	44898	44769	44413	44653	44344	45221	45121	45276	97.659
	18	44258	44793	44357	44447	44687	45780	45185	44988	44922	44765	44936	44654	97.452
	19	44861	44921	44904	44546	45246	45201	44692	44730	45086	44617	44644	44952	97.566
	20	45164	44725	44978	44972	44984	45390	44574	44917	45367	44881	44797	45113	97.831
	21	44829	44102	45648	44931	45531	44344	44839	45029	44320	45042	45110	44586	97.549
	22	44440	45405	45148	45134	45499	44716	44787	44858	45863	44218	44929	44462	97.758
	23	44439	44901	44612	44871	45306	44986	44607	44609	45044	45666	44899	44617	97.595
14	0	44702	44384	44678	44574	44773	44765	44886	45061	44122	44823	45262	44377	97.199
	1	44839	44686	45138	44778	44885	44594	44956	45029	44751	43716	44653	44961	97.310
	2	44934	45410	44738	44610	45220	44637	45263	45039	45292	45151	44988	44719	97.856
	3	45079	44753	44514	45317	44388	44424	45493	45201	45028	44296	45013	44796	97.548
	4	44761	44652	44841	44884	44727	44670	44939	45253	44648	45134	44728	43977	97.351
	5	45333	45205	44525	44892	45067	44760	45051	45232	45143	44972	44697	44710	97.781
	6	44480	45065	45127	44145	44930	44692	45022	45118	44812	44801	44287	44292	97.271
	7	45601	45369	44610	44537	44514	45189	45613	45616	44680	45432	44261	44030	97.757
	8	44334	44882	44611	44737	45211	45157	44579	45185	45083	44938	45134	45268	97.696
	9	44521	44927	45416	44719	45027	45145	45083	45665	45584	44803	44698	45225	98.004
	10	45002	45229	45145	44758	44785	45458	44768	45220	44852	44828	44770	44693	97.767
	11	44978	44851	45395	45258	45317	45657	44907	44999	45602	45503	45528	45453	98.481
	12	45164	44402	44773	45048	44884	44706	45137	45473	45287	45719	45658	44743	98.036
	13	45709	44833	45108	44930	45100	44982	45489	45843	45066	45301	45190	45467	98.403
	14	45033	45170	44927	44796	45194	45149	45071	45597	45185	45359	45549	45074	98.237
	15	45518	44158	45006	44683	45833	44894	45152	44955	45152	45281	45024	44875	97.952
	16	45215	44276	45004	44751	44680	44832	44858	44797	45242	44889	45078	44770	97.565
	17	44828	45411	45235	44789	44565	44621	45309	44709	45395	45392	45391	45452	98.054
	18	44946	45380	44361	44419	44598	44329	44793	44793	45446	45208	44891	44992	97.523
	19	45198	45098	45189	44837	44861	45116	44639	45209	44093	45582	45311	44962	97.873
	20	45005	45924	44772	45070	45163	44882	45237	45220	44933	45171	45433	44457	98.085
	21	44909	45553	45067	45405	44946	45001	44944	44905	44449	44805	44681	44931	97.782
	22	44876	45468	44593	44738	44586	44490	44672	44350	44273	44780	44523	44536	97.110
	23	44890	44717	44421	45092	44296	45272	44406	44402	44463	44330	44566	44376	96.991

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
15	0	44607	44416	44947	44615	44689	44898	44852	45097	45049	44461	44077	44772	97.221
	1	44962	44257	45308	45133	44998	44340	44881	45009	44572	44958	44957	44445	97.461
	2	44736	44505	45274	45079	45685	44340	45002	44445	45027	44590	44808	44936	97.570
	3	45102	45457	44534	45545	45328	44908	44395	45084	44466	45023	44846	45031	97.804
	4	44985	44666	44928	44687	44795	44961	45224	44394	45321	45620	45307	45159	97.865
	5	45201	44131	45109	44916	45315	45279	44667	44980	44574	45171	45174	44560	97.688
	6	44573	44831	45218	44854	44393	45055	44290	45082	45039	44880	45242	45033	97.584
	7	44839	44654	45156	44907	45066	44587	45151	44826	44715	44636	45611	44951	97.694
	8	44648	45375	45000	44447	45323	45347	44281	44851	45319	45084	44662	44888	97.716
	9	44682	44703	45796	44509	45378	45838	45337	45299	45215	44971	45896	45020	98.335
	10	44915	44957	45148	45378	45384	45136	45211	44753	44492	45252	44927	44601	97.885
	11	45276	45160	45543	45415	45085	45310	45068	45499	44901	45126	44713	45198	98.272
	12	45166	45498	44815	45351	45452	45164	45584	45018	45338	45349	45198	45269	98.436
	13	45113	44495	44803	45064	45031	45448	45361	45050	44776	44784	44512	45292	97.807
	14	45416	45096	44737	44847	45235	44604	45380	45073	45209	44970	45068	45183	98.004
	15	44897	45122	45120	44693	44775	44313	45128	44833	45051	45002	45560	45452	97.846
	16	45167	44602	45078	45120	45269	44923	44393	45229	45337	45079	45311	45284	98.000
	17	45241	45036	44391	45496	45189	45272	45553	44973	44823	45394	45068	45417	98.191
	18	44927	44602	44915	44855	45659	45139	45064	44786	44912	44834	45364	44343	97.747
	19	45121	44961	44973	44777	44876	44376	44480	44359	45272	44707	44761	43905	97.235
	20	45048	45036	44713	45044	45254	45093	44556	45810	44962	44778	45031	44979	97.911
	21	44355	45036	44772	45156	44877	45628	44440	44207	45269	44515	45488	44781	97.588
	22	44600	45287	44900	44586	44589	44983	44950	44338	44633	44754	44397	43900	97.116
	23	45016	44894	44922	44938	45178	44382	45516	44504	44335	45126	44936	44597	97.555
16	0	44854	44977	44162	44849	44754	45263	44599	45235	44896	45401	45420	44362	97.636
	1	45389	44817	45324	45012	44804	45373	44817	44143	44861	45186	45006	44851	97.781
	2	45021	44318	44807	44736	44995	45024	45454	45283	45289	44937	44949	45266	97.870
	3	45378	45092	45474	45401	45035	45089	45099	44873	45086	45252	44555	45468	98.183
	4	44662	45812	44859	44817	45050	44868	45079	45069	45296	44718	45401	45347	98.033
	5	45241	45550	45739	44255	45275	44952	45108	44933	45399	45431	45347	45931	98.428
	6	44780	45300	45339	45332	45252	44362	44509	45065	44682	45431	45443	45615	98.057
	7	45236	44800	45569	45563	45478	45075	45441	45183	44587	45624	45609	45094	98.446
	8	45291	44839	45332	45881	45215	45407	45590	45045	45037	44923	45697	45159	98.475
	9	45217	46153	45163	45247	45482	45540	45767	45855	46439	45208	46092	45208	99.192
	10	45271	45495	45304	45551	45386	45422	45717	45171	45106	45561	45581	45157	98.711
	11	45391	45973	45886	45785	45432	45475	45400	45191	45526	45030	45677	45497	98.991
	12	45998	45225	45287	45128	45475	45531	44647	45636	46044	45453	45554	45279	98.808
	13	46182	45451	45628	45461	44798	44876	45270	45619	46011	45611	45491	45537	98.931
	14	45168	45410	45245	45342	45432	44902	45453	45075	45628	44951	45804	45138	98.498
	15	45224	45589	44476	45581	45113	45188	45411	45228	45000	45119	44918	45081	98.205
	16	44617	44441	45013	45249	45212	45185	44740	45318	45128	45505	45372	44966	97.991
	17	44491	44841	45838	45003	45319	45308	45124	45107	45163	44910	45393	45057	98.137
	18	45176	44767	44983	45186	45151	44747	45654	44977	45234	44880	45612	44950	98.094
	19	44996	44751	45075	45233	45203	45332	45107	45560	45707	44940	45017	44780	98.164
	20	45300	45639	45270	45235	44984	44739	44593	44480	44747	44891	45430	44589	97.837
	21	44995	45528	45617	45626	45110	45101	44918	44938	44809	45581	44972	45097	98.271
	22	45031	44576	44829	45121	45020	44638	45345	45469	45298	44716	45035	44709	97.818
	23	45000	44841	44886	45122	45606	44926	45743	45152	45353	45230	45272	44870	98.219



		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	44859	45070	45622	45205	45336	45061	45068	45354	44974	45153	44812	44952	98.117	
	1	44770	44809	45311	45060	44635	44511	44593	44901	45140	44568	44961	45106	97.560	
	2	45160	45278	45092	45530	45125	45569	45757	45552	44944	44889	45378	45178	98.481	
	3	45513	45362	44570	45574	45754	45266	44858	45331	44820	45293	45259	45381	98.396	
	4	45154	45209	45060	45733	45210	45335	45383	45445	45155	44834	45982	44380	98.378	
	5	45566	45622	46425	45477	44853	45822	45327	45158	44917	45682	45152	45252	98.807	
	6	45224	44902	45703	45487	45998	45463	45536	44975	45406	45161	45682	45275	98.728	
	7	44884	45645	45206	45427	45401	45162	45936	45990	45957	45432	45434	45119	98.870	
	8	45654	45658	45670	45421	45489	45528	45468	44967	44922	45464	45312	45076	98.694	
	9	45440	45756	44971	45182	45292	44982	45091	45192	45634	45743	45718	44638	98.515	
	10	45332	45870	45307	45453	45552	45175	45209	45586	45722	45552	45082	45634	98.848	
	11	45663	45691	45325	45663	45655	45597	44889	45253	45401	45850	45139	45268	98.833	
	12	45620	45990	44859	45177	45878	45382	45336	45281	45854	44485	45198	45615	98.703	
	13	45752	45575	45187	44837	45094	45620	45311	44894	44785	44912	45656	45530	98.427	
	14	45278	45195	45132	45778	45591	45144	45427	45216	45776	45065	44861	44862	98.458	
	15	45060	44964	45893	45484	44985	45547	45897	45376	44757	44917	45442	45393	98.529	
	16	45030	45596	45740	44968	45336	45510	44573	45111	45155	45407	45261	45625	98.456	
	17	45247	45233	45218	45001	45916	44806	45207	44783	45184	45460	45172	45053	98.269	
	18	44836	45033	45211	44821	45428	44410	45502	45101	45487	45712	45170	45178	98.198	
	19	45307	45322	45004	45904	44798	45588	45137	44959	45200	45239	44594	45201	98.265	
	20	44915	45101	44480	44579	45092	45199	45348	45042	45319	45229	45739	45620	98.157	
	21	45473	44950	45585	45151	44608	45039	44936	45433	45300	45158	45343	45895	98.376	
	22	45158	45773	44705	44493	45545	44890	44968	45229	45390	45220	44646	44871	98.017	
	23	45038	44807	45461	44575	44861	45416	45345	45057	45792	44897	45054	44951	98.083	
18	0	44749	45256	45011	45022	45233	44722	44951	44908	44894	44639	45609	45185	97.884	
	1	45159	44454	45107	44986	44852	44925	45403	44982	45221	45319	45229	44411	97.865	
	2	45671	44904	45002	44744	44996	44703	44532	45576	45192	45093	44958	45063	97.934	
	3	44805	45542	45074	44678	44930	44869	44871	44400	44800	45578	45445	44842	97.825	
	4	45321	45087	45329	45316	45340	45153	45083	44715	45449	44946	44836	45465	98.226	
	5	45199	45453	45234	45474	45277	44908	44809	44823	44792	45030	44702	44680	97.925	
	6	44716	45020	45020	44674	45242	44560	44882	45566	45448	44983	44806	45602	97.950	
	7	45073	45056	45420	44266	45160	45156	44638	44986	44924	44892	45287	45573	97.934	
	8	45041	45016	45334	45069	45279	45129	45204	45211	44758	44965	45206	45322	98.133	
	9	45008	44896	44875	45433	44950	44818	45254	45808	45057	44930	45308	44370	97.984	
	10	44723	44897	45201	45300	45154	45057	45118	44899	45055	45121	45221	45441	98.071	
	11	45530	44831	45299	45843	45453	44879	45579	45281	45367	45214	45406	45536	98.620	
	12	45014	45134	45348	45011	45585	45245	45729	45233	45121	45062	45047	45598	98.422	
	13	45267	45508	45570	44946	44802	45567	45418	45242	44788	45298	45385	44553	98.280	
	14	45014	45802	45258	45279	45632	45805	45225	45746	45531	45329	45450	45046	98.783	
	15	44900	45434	44649	45670	45641	45068	45390	45896	45554	45237	44996	45814	98.626	
	16	45147	44990	45767	45564	45470	45123	44875	44898	45536	45057	44629	44914	98.213	
	17	45210	44618	45035	45161	44879	45301	45160	45310	44668	44689	45531	44974	97.953	
	18	45290	44985	44821	45753	45256	44738	45325	45165	45904	44685	44907	45351	98.251	
	19	45310	45391	45350	45521	45339	44945	43913	44601	44748	45057	44318	44939	97.753	
	20	44765	45025	45723	44354	44550	45034	45129	44909	45185	44880	45284	45349	97.890	
	21	44910	45193	45824	44408	45043	45111	45133	44832	45498	45337	44853	44929	98.050	
	22	45054	44935	45353	44733	45152	45667	45008	44983	45468	44807	44848	45561	98.140	
	23	45279	45172	45929	45690	45564	45564	45156	44758	44852	44982	45038	45145	98.422	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	44928	45012	45264	44810	45385	45101	44899	45421	45205	45226	44784	44923	98.024
	1	44611	45096	44766	44811	44021	44332	44794	44463	44201	45271	44698	44822	97.110
	2	44978	45013	45483	44627	44858	44952	44902	44859	45071	44693	45518	45174	97.879
	3	44649	44578	44061	44894	44983	45331	45699	44950	44838	44962	44849	45110	97.657
	4	44866	45700	45206	44748	45307	44743	45146	45226	44709	45016	44900	44936	97.947
	5	44790	45065	45511	44367	44787	44815	45184	44847	45040	44906	44650	45057	97.678
	6	44549	44659	44210	44716	45307	44559	44476	45417	44767	44880	44525	44944	97.313
	7	45320	44386	44874	45800	44738	44494	45319	44885	45267	45088	45674	45517	98.103
	8	45565	45555	45019	44855	44888	44519	45092	44695	44583	45401	44552	44679	97.748
	9	44926	44942	45188	45502	44891	44708	45313	45407	45618	44991	45332	45282	98.236
	10	44843	45757	45654	44831	45087	44914	45718	45440	45436	45550	45439	45307	98.576
	11	45308	45161	45240	45165	44820	45665	46015	44507	45492	45396	45434	44737	98.388
	12	45196	45050	45393	45729	44639	45139	44976	45145	45608	44950	44950	45588	98.283
	13	45032	44848	44697	45183	44983	45283	45038	45419	45323	45329	45475	44838	98.118
	14	45132	45388	45373	45031	45235	44667	45426	45594	45245	44506	45267	44557	98.113
	15	44974	45378	45973	45153	45004	44883	44503	45159	44715	44918	44794	44715	97.886
	16	45319	45127	45358	45766	45105	45132	45596	45114	45166	44872	44929	44643	98.241
	17	45045	45087	44744	44834	45156	45319	44747	45275	44942	45477	44809	45612	98.045
	18	45646	44547	44806	45261	45076	44502	45217	44791	45199	44710	44940	44753	97.756
	19	45002	44955	44914	44906	44516	45504	44992	44823	45186	44634	44892	45243	97.777
	20	44408	44427	44696	45255	44510	45016	45048	44635	45029	44968	44309	44699	97.312
	21	44467	43938	44259	45018	44569	45220	44248	44652	45116	45311	44955	44588	97.192
	22	44699	44879	44282	44508	44195	43937	43940	44584	45657	44591	44585	44683	96.866
	23	44975	44530	44391	45374	44406	44663	44134	44763	44520	45040	44313	44651	97.088
20	0	45111	45048	44799	45189	44647	44984	44529	44894	45030	44390	44816	44483	97.477
	1	44910	44623	44815	44746	44644	45067	44768	44653	44850	44958	44641	45407	97.508
	2	44949	44870	44815	44421	44975	45110	44793	44905	44212	44603	44428	44303	97.200
	3	44934	44577	44423	43938	44755	45229	44675	44513	45180	45133	44619	45059	97.318
	4	45239	44599	44351	44368	44372	44443	44762	44290	44604	44354	44591	44242	96.807
	5	44840	44595	44959	44681	44993	45124	45083	44727	44617	44559	44464	44271	97.296
	6	45063	44943	45177	44406	45229	44513	44708	44900	45639	44574	44640	45102	97.655
	7	45334	44651	45560	45216	45450	45185	44901	44960	44999	45017	44048	44924	97.900
	8	44726	44517	44484	44583	44370	44827	45161	45058	45205	45914	45075	44838	97.630
	9	45211	45112	45117	44510	44753	45106	45244	45226	45075	44455	45461	45070	97.918
	10	45376	44523	44444	45134	45236	45276	44804	45258	44671	45785	45467	45290	98.085
	11	45394	45249	45762	45150	45522	44790	45478	46060	45280	45722	45315	44617	98.642
	12	44986	45685	44789	45403	45167	45260	45561	45660	44769	45272	45715	45636	98.563
	13	45695	45416	45399	44814	45088	45013	45334	45795	45154	44933	45414	45213	98.448
	14	46002	44717	44703	45416	45034	45043	45230	45632	45143	44619	46074	45254	98.375
	15	45515	45333	45479	44515	44767	45378	45411	45241	44667	44716	44761	44819	97.965
	16	45491	44936	45255	44934	45391	45349	44481	45371	44365	44643	45283	44476	97.852
	17	44946	44896	44686	44274	44971	44455	45229	44488	44671	44989	44523	44666	97.275
	18	44241	44441	44693	44488	44969	44534	45267	44778	44346	45143	44533	44355	97.092
	19	44415	44418	45149	44850	44482	45241	45095	44857	44333	44093	44297	44697	97.118
	20	44666	45088	44449	44208	44823	44514	44777	44971	44440	44754	44768	44766	97.171
	21	45334	44763	44383	44796	44785	44463	45181	44128	44530	43980	44748	44042	96.974
	22	44913	44237	44269	44628	44079	44232	43668	44044	44320	43971	44311	44498	96.256
	23	45037	44262	44190	43858	44418	44425	44778	44571	44307	44029	44516	44442	96.557

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	44211	44457	44328	43870	44734	44390	44298	44215	45157	44471	45142	44087	96.650	
	1	44414	44825	44594	44766	45462	44489	44524	44944	44711	44111	43717	43772	96.828	
	2	44737	44274	44500	44409	44679	44464	44558	44351	44979	44883	44622	44304	96.906	
	3	44360	44940	44654	44848	44310	44410	44776	44177	44597	44451	44822	44977	97.008	
	4	44596	44029	44951	44658	44722	44859	44612	44775	44865	44718	44432	44874	97.147	
	5	44413	45115	44821	44503	44626	44895	45262	44599	44296	45289	44566	44897	97.363	
	6	45231	44893	44817	44946	45144	44705	45164	44681	44505	45230	45380	44882	97.779	
	7	45499	44524	45428	44948	45390	45137	45141	45167	45281	45320	44876	45258	98.212	
	8	45453	45451	45364	45252	44546	45056	45160	45737	45397	45420	45283	45289	98.474	
	9	45358	45302	45315	45206	45956	45629	45528	45467	45431	45827	45709	45625	99.007	
	10	45747	45646	45784	45566	45163	46111	44778	44980	46069	45496	45255	44915	98.855	
	11	45529	45502	45005	45551	45116	45630	45362	44751	45523	44862	45616	45906	98.644	
	12	45207	45525	45048	45357	44842	44949	44468	44409	45473	45121	45282	45427	98.056	
	13	44836	45549	45209	44379	45241	45321	45356	44795	45442	45593	45407	45255	98.288	
	14	45188	45259	45034	45429	45278	45430	45195	45398	44891	45294	44684	45265	98.281	
	15	45191	45761	45228	45085	45161	45499	45518	45223	45386	44957	44952	45698	98.519	
	16	44794	44911	44639	45313	44881	44781	45489	45269	45125	45281	45216	45082	97.997	
	17	45029	45075	45206	44886	44981	45057	45334	45033	44956	44951	45067	45106	97.979	
	18	44968	45176	44654	45019	45306	44751	45356	44975	45263	45798	45091	44674	98.043	
	19	44845	45166	45057	45020	44391	45299	46085	44977	44664	45109	45065	45337	98.040	
	20	45018	44932	44837	45107	44870	44563	45010	44899	44975	44960	44650	45012	97.644	
	21	44546	44852	45563	44728	45050	44546	44980	44828	44725	45082	44798	44746	97.574	
	22	44422	44349	44681	44996	44666	45428	45292	45475	44881	44740	44520	45218	97.615	
	23	44109	44588	44834	44700	44496	45358	44600	44764	44880	44787	44713	45016	97.284	
22	0	44663	44924	44791	44952	45076	44669	44587	45017	45580	44746	44759	44935	97.616	
	1	44887	44687	44671	44656	44724	45164	44877	44974	45178	45436	44844	44739	97.645	
	2	45294	45337	45345	44931	44589	44440	44739	45545	45203	45048	44543	44799	97.822	
	3	44388	45075	45010	44979	44945	44773	45038	44814	45357	45284	45042	44836	97.773	
	4	45099	45094	44694	44913	44934	45140	44637	44586	45065	45432	45365	45136	97.873	
	5	45044	45426	44413	44946	45128	45183	45061	45512	45663	45249	44663	45637	98.205	
	6	45186	45512	45495	45817	45030	44460	45011	45289	45444	45124	45410	45246	98.404	
	7	45116	45259	45113	45437	45311	45372	45770	45847	45372	45731	45617	45681	98.875	
	8	45945	45692	45315	45918	45494	45837	45510	45542	45828	45303	45380	45720	99.212	
	9	45637	45415	45786	45577	45613	45855	45862	45196	44764	45878	45210	45860	99.061	
	10	45817	45628	45181	45247	46373	45804	45599	45646	45466	45029	45284	45629	99.070	
	11	45558	45303	45229	45603	45307	45060	45479	45599	45818	45755	45424	45801	98.931	
	12	45934	45358	45796	45347	45830	45214	45385	44535	45299	44251	45131	45396	98.485	
	13	45871	45001	45185	45330	45698	45526	45379	45542	45470	45782	45277	45018	98.776	
	14	45373	45517	45268	44915	45611	45359	45191	45223	45137	45142	44758	44953	98.299	
	15	45190	44522	45422	45521	44915	45482	45128	45125	45251	45103	45067	45185	98.202	
	16	45388	45354	45254	44354	45313	44681	44831	45415	44209	45388	45015	45125	97.915	
	17	45246	45192	44835	45117	44630	44649	44877	44313	45373	44434	44654	44248	97.415	
	18	45034	44458	44920	45172	44945	44746	44632	45261	44471	44086	44594	45392	97.441	
	19	45297	45574	44960	44869	44189	44794	44769	44185	45277	45212	44402	45041	97.596	
	20	44377	44235	44885	44876	44771	44846	44800	44977	45079	44504	44759	45035	97.338	
	21	43985	44452	44463	44628	44638	44653	44947	45057	45067	44520	44696	44518	97.063	
	22	44310	44337	45332	44758	44553	44936	44948	44893	44764	44789	44378	44685	97.254	
	23	45076	44612	44807	44627	45084	45228	45069	44815	44806	44472	44618	44597	97.459	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	45331	44532	44507	44523	44773	45060	44959	44734	44967	44911	44472	44419	97.343	
	1	44366	45269	45027	44145	44293	44355	45365	45204	44726	44474	44858	45266	97.375	
	2	44777	45368	44684	44698	45124	44731	44482	44881	44165	44650	45108	45048	97.442	
	3	44008	45047	44853	44912	44895	44757	44838	44132	44805	44510	44532	44905	97.166	
	4	45101	44847	44959	44798	45217	44870	45660	45120	44831	44850	45392	45083	97.987	
	5	45197	45230	44888	44264	45216	44862	45085	45792	45049	45737	45094	45181	98.144	
	6	44816	44373	45001	44912	44747	45449	44908	44998	45017	45186	44876	45136	97.750	
	7	45243	44660	45034	45181	45091	45091	45362	45501	45302	46036	45224	45174	98.381	
	8	45106	45126	45189	45273	45150	45460	45235	44825	45390	45319	44704	45285	98.229	
	9	45230	45519	44956	45786	45016	45642	45246	45010	45057	45558	45238	44865	98.422	
	10	45117	45008	44241	44915	45191	45147	45292	45023	45446	44925	45471	45218	98.036	
	11	45775	44437	45330	45100	45428	45706	45063	44907	46047	45378	45199	45572	98.570	
	12	45386	45632	45061	44901	45085	44961	45285	45019	45361	45710	45513	44930	98.371	
	13	46055	45080	44875	44813	45348	45079	45118	45208	45476	45101	45018	45614	98.360	
	14	45246	45438	45395	45653	44562	44766	45056	44998	45532	44969	45220	45294	98.242	
	15	44900	44652	44903	46004	45663	45353	45406	45416	45511	45603	45161	44980	98.499	
	16	45173	44831	45428	45090	44532	45263	45823	45335	45403	45209	45462	44322	98.195	
	17	45512	45705	45524	45919	45133	45163	45322	45071	45250	44872	45011	44800	98.451	
	18	44799	45878	44951	45040	45172	45380	45230	44884	45271	45139	45090	45433	98.266	
	19	44442	45245	44574	45152	45997	45090	45326	45612	44738	45218	44583	45337	98.093	
	20	45040	45298	45117	45322	44698	44951	44621	44278	44947	45177	45540	44833	97.824	
	21	45198	45274	44673	45143	45509	44680	44707	44885	44404	45149	44718	44618	97.667	
	22	45009	44230	44611	44706	44704	44999	44980	45306	44849	44847	45153	45250	97.610	
	23	44826	44664	45163	44787	44798	45019	44613	44751	44625	44930	44761	45013	97.484	
24	0	44764	45053	44344	45265	45199	44788	44379	44887	45301	45322	44756	44887	97.664	
	1	45171	44987	44894	44639	44642	45030	45276	44768	45469	45066	45129	45030	97.874	
	2	44863	45039	44613	44754	45247	45036	45202	44690	44968	45119	45809	45099	97.935	
	3	45141	45380	45005	44970	44989	45099	45167	44720	45067	45260	45128	44496	97.932	
	4	45436	44876	45304	45136	44693	45253	44898	45248	45183	45218	45258	45440	98.208	
	5	45250	45401	45074	45612	44937	45221	46039	45653	44895	45599	45017	45476	98.612	
	6	45125	44968	44633	44832	44822	45079	45590	44946	45225	44973	45119	45880	98.072	
	7	45101	45421	46042	44929	45585	45535	45991	45270	45147	45643	45705	45757	98.966	
	8	45207	45508	44980	45051	45198	45418	45448	45181	45439	45329	44941	45800	98.490	
	9	45448	45446	45243	45320	45517	45366	45192	46135	44797	45501	45325	45555	98.733	
	10	45971	45202	45189	45925	45221	45036	44954	45587	45718	45531	45445	45223	98.762	
	11	45538	45307	45652	45677	45341	45533	45104	45278	45211	45172	45213	45556	98.686	
	12	45400	45367	44943	45000	45193	45293	45320	45989	45314	45488	45134	45164	98.509	
	13	45576	45720	45373	45275	45617	44823	44930	45272	45313	45673	45543	45427	98.679	
	14	45018	45386	45156	45738	45553	45696	45031	45107	45315	44989	45373	45186	98.498	
	15	44995	45199	45366	45576	45246	44821	45618	45083	44982	45277	45695	45025	98.378	
	16	45391	45085	44988	44909	45160	44978	45392	44895	45593	45054	44722	45116	98.088	
	17	44909	45017	45714	44779	45095	44656	44859	45828	45462	45444	44289	44513	97.958	
	18	44923	44289	44736	44778	44941	45173	45236	45029	44853	45242	45302	45102	97.784	
	19	44740	44983	44711	45144	44876	44329	44781	44791	44182	46183	45319	44762	97.638	
	20	44665	44631	44809	44540	45079	44919	45154	44869	45374	45102	45661	45090	97.836	
	21	45068	44581	45414	45297	44972	44376	44990	45005	45356	44902	45200	44824	97.853	
	22	44841	45367	44773	45072	44585	45167	44881	44604	44602	44787	44831	44706	97.532	
	23	44738	45050	45167	45486	44645	44611	44903	44965	44612	45333	45463	44845	97.823	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	45303	45118	44371	44828	44988	44933	44605	44748	44884	44515	45334	44911	97.589
	1	45761	45321	45313	44470	45383	44676	45242	44959	45585	45281	45402	45066	98.301
	2	45049	44948	45059	44647	44932	45442	45295	45261	45235	45382	45232	45368	98.191
	3	45028	45441	45494	45629	45264	44999	45088	45163	44748	45066	45634	45080	98.333
	4	45293	44882	44795	45670	45176	44944	45667	45120	44931	45169	44782	45761	98.253
	5	45132	45629	45530	45165	45216	45570	45653	45134	45938	44941	45081	45011	98.580
	6	45386	45518	45845	45681	45045	45156	44730	45538	44982	45092	45519	45308	98.544
	7	44851	44877	45004	45087	44724	45364	45360	44989	45009	45510	45355	45386	98.131
	8	45172	45783	45872	44958	45161	45843	46093	45561	45814	44973	45894	46081	99.161
	9	45723	45648	45491	45797	45649	46166	45494	45462	45049	45865	45211	45431	99.122
	10	45551	45276	45431	45403	44845	45986	45897	46197	44659	45777	45345	45065	98.840
	11	45722	45994	45542	45457	45197	45596	45205	45069	45247	45345	45391	45153	98.746
	12	45530	45119	45476	45408	45378	45046	45563	45082	45998	45689	45451	45927	98.883
	13	45411	45531	45286	44939	45617	44769	44605	45540	45388	45061	45207	45484	98.370
	14	45130	45667	45550	45227	46206	45547	45552	45356	45160	44984	45287	45273	98.750
	15	45067	45509	45145	44802	45411	44722	44878	45502	45099	45558	45643	44949	98.270
	16	45504	45195	45266	44882	45106	44712	45114	45417	44947	45474	45458	45361	98.297
	17	45857	44854	45699	44891	45593	45140	45603	45002	45469	45434	45059	44748	98.462
	18	45330	44942	45279	45131	45165	44989	45200	45105	45346	45404	44933	45252	98.232
	19	44583	45381	45095	45196	45087	45346	45077	44672	45163	44881	44950	45708	98.062
	20	45067	45246	45053	45134	45273	45023	45532	45173	44211	44851	45366	45066	98.036
	21	44865	45014	44798	44844	44802	45356	45234	44381	45214	44729	45270	45249	97.812
	22	44646	45211	45331	45500	45034	45140	45082	45254	45031	44923	45284	45193	98.151
	23	45068	45213	44818	45283	44947	45047	44905	45434	45285	45501	45565	44795	98.193
26	0	45722	45588	45535	44613	45048	45120	44937	45597	44394	44772	45240	45032	98.140
	1	45326	44787	45107	45732	46033	45421	45394	45294	45713	45393	44598	44848	98.516
	2	45557	45628	44905	45467	45415	45140	45489	45172	45619	44932	45831	45822	98.758
	3	45222	45678	45638	45125	45366	45429	45162	45152	44806	45132	45056	45217	98.396
	4	45253	45354	45071	45223	45348	45494	44979	45966	45538	45896	45377	45571	98.775
	5	45324	45665	45521	45802	45633	45443	45430	45525	45017	46128	45763	45232	99.030
	6	45208	45438	45389	45360	45545	45424	45309	45528	45167	45778	45833	45767	98.897
	7	45417	45243	46064	45105	45386	45331	45764	45559	45789	45389	45614	45483	98.969
	8	45178	46148	45657	45037	45601	45914	45070	45280	46313	45550	45285	46051	99.139
	9	45404	45932	45563	45705	45802	46014	46062	45602	45475	45385	45456	45790	99.340
	10	46392	45892	45844	45523	45801	45528	45794	45586	45702	45938	46149	45944	99.684
	11	45117	46179	45930	45480	45279	45624	45653	45727	45788	46163	45817	45930	99.430
	12	45636	45973	45469	46275	45417	45637	46247	46379	45875	45359	46155	46278	99.795
	13	45492	45443	45820	45359	45040	46313	46268	45404	45820	45804	45703	45285	99.260
	14	45578	46198	45307	45916	45666	45730	45360	44992	45794	46091	45615	45691	99.294
	15	45684	46123	45246	45800	46242	45827	46070	46319	45616	45879	46198	45518	99.763
	16	46360	45292	45251	45217	46058	45855	45978	45887	45897	46095	45431	45721	99.494
	17	45218	45530	45478	45120	45620	45575	45630	46798	44860	45861	46089	45553	99.184
	18	45167	45721	45993	45785	45711	46197	45362	45048	46097	45669	45739	45953	99.386
	19	45727	45955	45274	45866	45283	45514	45722	45511	45307	45118	44999	45893	98.974
	20	45269	45231	45211	45325	45828	44823	45049	45335	45117	46111	45109	45315	98.530
	21	45384	45770	45558	45347	45349	45201	45386	45438	45519	45499	45110	45113	98.703
	22	45063	45486	45438	45562	45462	45660	45002	45224	46129	44973	45709	45659	98.828
	23	45942	45926	45486	45423	45082	45639	45327	45213	45746	45078	45324	45710	98.924

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	45083	45521	45309	45271	45294	45469	45294	45602	44934	45295	45173	45169	98.474
	1	44868	44895	45383	45338	45170	45826	45790	44635	45034	45427	44795	45693	98.373
	2	45305	45582	45302	45729	45462	44970	45043	45512	45380	45413	45636	45693	98.767
	3	45815	45574	45333	45276	44990	45319	45452	45205	45690	45381	45125	45296	98.663
	4	45533	45205	45832	45228	44965	44485	45599	45531	44868	45155	45281	45633	98.457
	5	46026	45705	45464	45529	44759	45354	46032	45569	45681	45863	45794	45400	99.156
	6	44902	45256	45691	45318	46132	45174	45317	45480	46255	45639	45598	45296	98.954
	7	45796	45263	45406	45346	46271	45917	45643	45198	45959	45770	46011	45925	99.397
	8	45053	45987	46015	45533	45324	46025	45205	45782	45603	45777	45638	45562	99.216
	9	45130	45895	45584	45740	44974	45053	45983	45281	45903	45494	45323	46141	99.034
	10	45226	45499	45831	45589	45704	45382	45329	45585	45696	45667	45367	45689	99.045
	11	45504	45794	45703	45771	45758	45828	45573	45723	45537	45560	46236	45558	99.404
	12	45915	45469	45759	45935	46401	45772	46031	45724	45594	45910	46367	45663	99.766
	13	45975	45830	45592	45567	45497	45564	45975	45830	45760	46329	46266	45655	99.639
	14	45855	46432	46741	46358	45660	46112	46530	46325	45582	46529	45541	45447	100.232
	15	45679	46215	46010	44990	45392	45378	45888	45916	46018	45487	46205	45486	99.425
	16	45946	45416	45576	45779	45817	45379	45341	45979	45575	45604	45301	45503	99.163
	17	45921	45597	45476	45451	45345	44594	45875	45560	46169	45876	45122	45762	99.078
	18	45804	45679	45102	45134	45586	45262	45669	45319	45423	45670	45145	45711	98.853
	19	45676	45856	45193	45983	45054	46337	45502	45114	45205	45761	45604	45741	99.129
	20	45312	45293	45360	45166	45543	45128	45422	45024	45448	45038	44726	45422	98.378
	21	45222	45614	45804	45476	45912	45563	45632	44965	45655	45622	44970	45333	98.901
	22	45012	44706	44883	45557	44732	45674	45725	45833	45278	45404	45273	45902	98.576
	23	45683	45610	45567	45035	45621	45426	45480	45741	45438	45345	45569	44789	98.817
28	0	45792	45197	45039	45320	45909	45204	45459	46192	45976	45803	45397	45322	99.055
	1	45521	45421	45403	45641	46017	45210	45523	45258	45917	45685	45863	44612	98.956
	2	45467	45344	45860	45432	46292	45651	44767	45274	45683	45289	44926	45553	98.859
	3	45681	45482	45516	45234	45937	45226	45220	44961	44762	45371	45193	44747	98.460
	4	45593	45503	45810	44680	45676	46072	44997	45909	45641	45432	45613	46092	99.127
	5	45681	45283	44791	45986	45795	45934	45450	45507	45401	45275	45568	45331	98.943
	6	45071	45241	45704	44836	45509	45632	45493	45584	45854	45552	45662	44632	98.720
	7	44981	45585	45885	45475	45289	45768	45627	45205	45314	45886	45162	45503	98.885
	8	45306	45766	44923	46012	45196	45956	45262	45767	45679	45272	45535	45781	99.026
	9	45111	45718	45805	45997	45741	45485	45707	46350	46151	45578	45251	45737	99.420
	10	45466	45487	45471	45201	45879	45609	46166	45829	45731	45586	45936	46039	99.378
	11	45740	45819	45807	46047	46347	45790	45718	45745	46231	46220	45806	45847	99.871
	12	45849	45770	46048	45986	45555	46098	45924	45632	45457	45319	46176	45723	99.584
	13	45842	45415	44947	45846	45489	45717	45565	45450	45904	45359	45939	45427	99.106
	14	45315	45374	45906	45476	45465	46109	45446	46255	45942	45956	45619	45796	99.425
	15	45010	46102	46041	45488	46322	45327	45269	45258	45259	45920	46083	45651	99.256
	16	45566	44964	45190	45183	45026	45281	45806	45289	45204	45581	45801	45423	98.637
	17	45199	45540	45524	45790	44737	45644	45104	44672	45111	45117	45556	45452	98.480
	18	45553	45565	45583	44952	44771	45601	45248	45413	45665	45564	45399	45236	98.680
	19	45173	44987	44610	44613	46056	45051	45385	45918	45393	45532	44509	45349	98.322
	20	45892	45032	44631	44840	45408	45705	45322	45626	45734	44993	45098	44928	98.437
	21	44652	45905	44643	44751	45393	45312	45349	45042	45177	45616	45134	45511	98.306
	22	45601	45293	45237	45466	45545	45070	45072	45235	45152	44829	45402	45290	98.434
	23	45865	45216	44982	45483	46303	45703	45211	45416	45535	45163	45600	45266	98.897

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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	45126	45633	45322	45170	44924	45409	44778	46106	45268	45398	44868	45420	98.478
	1	45179	45584	45616	44863	45148	45549	44617	45960	45684	45026	45296	44798	98.457
	2	45826	45074	44969	45665	45638	45551	45506	45455	45388	45455	45747	45014	98.814
	3	45169	45108	45284	45265	44609	45043	44959	45347	45369	45564	45337	45259	98.275
	4	45287	45306	45765	45844	45579	45449	45685	45143	44987	45024	45552	45963	98.867
	5	45529	45469	45150	45899	45214	45166	45204	45458	45352	45421	45883	44991	98.714
	6	44996	45292	45594	45068	45399	45226	45659	45218	45163	45285	44801	45693	98.471
	7	45315	45473	44852	45376	45620	45089	45581	45185	45762	45169	45498	45846	98.719
	8	45689	45102	45109	45933	45288	45261	45788	45815	45587	45974	45297	45338	98.976
	9	45563	45720	45548	45448	46039	45115	45032	45583	45347	45572	45759	45562	98.995
	10	45030	45472	45419	45142	44941	45532	45839	45524	45290	45683	45332	45179	98.650
	11	45456	45774	45236	45486	45616	45254	45240	45460	45068	45232	45963	45349	98.786
	12	45616	45517	45260	44838	44610	45153	45250	45978	45459	45949	45031	45490	98.608
	13	45152	45021	45870	45502	45586	46005	44913	45591	45359	45826	45463	45330	98.874
	14	45703	45491	45827	45425	45805	45868	46438	45494	45565	45087	45494	45752	99.296
	15	44684	45783	44631	45711	45214	44949	45476	45091	45411	45734	45128	44679	98.307
	16	45680	45687	45459	45214	45353	45187	45330	45412	45422	45521	45284	45448	98.762
	17	45757	45069	45650	45275	45155	44980	45158	44863	45562	45255	44453	45370	98.318
	18	45632	45652	45182	44822	45394	45092	45501	45304	45307	45505	45103	45045	98.497
	19	45792	44854	44875	45349	45207	45222	45260	44775	46102	45500	45006	45785	98.531
	20	45143	45482	44838	45076	45514	45095	45355	44945	45524	44664	45146	45317	98.236
	21	46154	45111	44865	45831	45063	45665	44672	45419	44821	45342	45379	45148	98.484
	22	45115	44528	45219	45509	45288	45123	45350	44552	45877	45038	45008	44663	98.086
	23	44859	45326	45083	45393	45441	44746	45546	45163	44705	44887	44818	44894	98.012
30	0	45486	45625	44534	44950	45367	44956	45265	45394	45231	44700	45906	45002	98.294
	1	45447	44788	44647	45068	44987	45890	44709	45082	45588	45437	45040	45370	98.228
	2	45490	45121	45064	44757	46020	45312	44710	44917	45320	45390	45441	45635	98.432
	3	45254	44489	45940	44973	45482	45216	45131	44913	45483	45346	44758	45742	98.350
	4	44909	44931	45295	45461	44409	45348	45164	45707	45371	44908	45356	45645	98.309
	5	45032	45148	45102	45339	45380	45433	45135	45206	45408	44853	45228	44886	98.245
	6	46024	45726	44892	45286	45271	44798	45376	45332	45407	45672	45974	45281	98.769
	7	45581	45041	45438	45658	44741	45848	45333	45450	45429	45420	45221	46091	98.807
	8	45728	45850	45550	44603	45116	45448	44649	45245	45210	45271	45157	45151	98.395
	9	45140	45404	44906	45144	45880	45288	45287	44916	45637	45832	45360	45496	98.633
	10	45257	45707	45152	45219	45769	45422	45447	45776	45101	44748	45720	45995	98.819
	11	45724	45747	45546	45271	45264	45213	45060	46063	45599	44980	45356	44905	98.712
	12	45439	46370	44924	44715	45247	45231	45649	45097	45725	45266	45845	45371	98.740
	13	45563	45171	45789	45797	45889	45299	45369	45360	45042	45455	46205	45359	98.997
	14	45082	45380	44849	45233	45294	45548	45152	44659	45129	44753	45635	45327	98.226
	15	45199	45647	44928	45644	45511	44898	44925	45090	44976	44940	45201	45294	98.264
	16	45153	44848	45958	45174	45306	45042	44943	45396	45532	45238	45845	45307	98.534
	17	44833	45228	45664	45527	45064	45314	45716	45578	45508	45091	45160	44668	98.463
	18	45145	45233	45494	45261	45088	44553	44987	45561	45711	45036	45789	45349	98.436
	19	44888	45457	45129	45246	45399	44868	45514	44974	45107	45297	45371	44824	98.232
	20	44505	45058	45183	45225	45467	45245	45956	45450	44980	45349	45407	45179	98.400
	21	44792	45337	44784	45298	45424	45355	45590	45641	45265	45711	44953	45073	98.440
	22	45481	45168	45570	45090	45384	45057	45169	45005	45829	45143	45327	45610	98.550
	23	45008	44833	45108	45465	44557	45372	45615	44964	45114	45775	45383	44835	98.223

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2015											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
31	0	46113	45138	45335	45441	45383	45936	45602	44513	45449	45123	44967	44859	98.551
	1	45149	45112	45455	45283	44884	45810	45060	45439	44992	46008	44653	44906	98.354
	2	44553	44886	45166	44714	45688	45182	45170	45733	44864	44949	44638	45065	97.966
	3	45182	45363	44946	45448	45003	45099	45027	45077	45609	45369	45835	45557	98.492
	4	44942	45186	45414	45240	45780	45144	45069	45425	45590	45942	45209	46038	98.758
	5	45343	44814	45392	44787	45732	45238	45108	45196	45128	45200	45580	45018	98.315
	6	45658	45138	45422	45026	45242	45490	44888	45076	44913	45439	45365	44983	98.334
	7	45815	45257	45455	44397	45801	45807	45463	45935	45023	45252	44835	44966	98.582
	8	45286	45235	45626	45038	45631	45002	45689	45212	44838	45283	45651	45791	98.632
	9	45194	45513	45276	45428	45240	45655	45280	45527	45430	45621	45539	45404	98.781
	10	45016	46140	45694	45531	46064	45152	45237	45216	45514	44815	45344	44966	98.705
	11	45103	45427	45043	45598	45453	44984	45798	45112	45388	45208	45246	45639	98.580
	12	45356	45047	44798	45249	45473	45403	45589	45343	45205	44984	45726	45498	98.521
	13	45685	44737	45409	45100	44781	44928	45380	45147	45904	45748	45121	45395	98.460
	14	44817	45593	44981	45608	45035	45032	44846	45255	44688	45353	45583	44848	98.153
	15	45410	45744	44992	45492	45111	45353	45649	44767	44846	45247	45334	44907	98.373
	16	45399	45324	45334	45479	44887	45732	44830	44984	45262	45189	45567	45108	98.417
	17	44584	45415	44420	45062	44419	44201	45294	44675	44924	45322	44990	45065	97.561
	18	44751	44349	45461	45459	45508	44990	45072	44474	45629	44653	44719	45397	97.940
	19	44825	44553	44767	44687	44785	44530	44651	44599	44497	44779	44976	45059	97.259
	20	45119	44563	45432	44554	44475	44561	44725	45327	45199	45102	44831	44935	97.642
	21	44754	45086	44847	45365	44743	44883	44256	45183	45015	44251	44569	44996	97.484
	22	44797	44805	44273	44709	44478	44671	44713	44644	44668	44218	45296	45612	97.291
	23	45014	45167	45374	44935	44952	45480	44802	44678	44990	45154	45113	45006	97.976



S.V.I.R.CO. Observatory - Pressure in hectoPascal – May 2015

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	1018.67	1018.66	1018.63	1018.57	1018.48	1018.41	1018.44	1018.50	1018.46	1018.38	1018.39	1018.42	1018.49
	1	1018.37	1018.28	1018.22	1018.23	1018.24	1018.16	1018.09	1018.08	1018.02	1017.96	1017.94	1017.90	1018.12
	2	1017.83	1017.78	1017.76	1017.77	1017.77	1017.84	1017.95	1018.00	1018.06	1018.09	1018.10	1018.11	1017.92
	3	1018.10	1018.12	1018.13	1018.11	1018.08	1018.05	1018.01	1018.00	1018.01	1018.06	1018.10	1018.06	1018.07
	4	1017.97	1017.95	1017.99	1017.97	1017.93	1017.90	1017.82	1017.82	1017.91	1017.93	1017.97	1018.04	1017.93
	5	1018.06	1018.06	1018.04	1018.04	1018.11	1018.15	1018.13	1018.14	1018.19	1018.24	1018.24	1018.26	1018.13
	6	1018.25	1018.18	1018.05	1017.88	1017.80	1017.81	1017.84	1017.82	1017.74	1017.72	1017.70	1017.75	1017.88
	7	1017.86	1017.91	1017.92	1017.95	1017.97	1017.92	1017.84	1017.84	1017.95	1018.05	1018.05	1018.07	1017.94
	8	1018.12	1018.13	1018.15	1018.14	1018.15	1018.20	1018.24	1018.23	1018.17	1018.19	1018.20	1018.09	1018.17
	9	1017.99	1017.92	1017.91	1017.88	1017.87	1017.91	1017.91	1017.89	1017.85	1017.80	1017.75	1017.69	1017.86
	10	1017.63	1017.60	1017.52	1017.44	1017.39	1017.33	1017.25	1017.20	1017.17	1017.11	1017.05	1017.02	1017.31
	11	1016.95	1016.83	1016.78	1016.79	1016.88	1016.91	1016.82	1016.79	1016.74	1016.70	1016.70	1016.70	1016.80
	12	1016.73	1016.70	1016.70	1016.73	1016.75	1016.72	1016.66	1016.60	1016.55	1016.53	1016.52	1016.52	1016.64
	13	1016.46	1016.42	1016.40	1016.44	1016.50	1016.51	1016.47	1016.39	1016.39	1016.38	1016.29	1016.31	1016.41
	14	1016.29	1016.22	1016.19	1016.15	1016.11	1016.06	1016.00	1015.95	1015.94	1015.92	1015.86	1015.80	1016.04
	15	1015.75	1015.71	1015.67	1015.69	1015.68	1015.65	1015.64	1015.59	1015.61	1015.64	1015.62	1015.66	1015.66
	16	1015.68	1015.68	1015.65	1015.58	1015.54	1015.53	1015.51	1015.48	1015.45	1015.41	1015.41	1015.41	1015.52
	17	1015.32	1015.27	1015.24	1015.20	1015.20	1015.17	1015.10	1015.05	1015.07	1015.12	1015.16	1015.14	1015.17
	18	1015.13	1015.14	1015.11	1015.11	1015.09	1015.01	1015.00	1015.03	1015.02	1014.95	1014.93	1014.96	1015.04
	19	1014.94	1014.89	1014.86	1014.82	1014.82	1014.88	1014.90	1014.88	1014.83	1014.74	1014.72	1014.77	1014.83
	20	1014.80	1014.82	1014.83	1014.86	1014.80	1014.66	1014.60	1014.59	1014.55	1014.48	1014.40	1014.39	1014.65
	21	1014.40	1014.36	1014.25	1014.11	1014.01	1013.94	1013.89	1013.84	1013.78	1013.79	1013.79	1013.78	1013.99
	22	1013.88	1014.02	1014.14	1014.21	1014.25	1014.20	1014.13	1014.09	1014.06	1014.11	1014.15	1014.12	1014.11
	23	1014.16	1014.22	1014.25	1014.26	1014.22	1014.15	1014.03	1013.90	1013.81	1013.69	1013.53	1013.36	1013.96
2	0	1013.33	1013.34	1013.36	1013.34	1013.29	1013.27	1013.20	1013.02	1012.91	1012.97	1013.05	1013.01	1013.17
	1	1012.80	1012.65	1012.67	1012.74	1012.71	1012.53	1012.40	1012.40	1012.30	1012.16	1012.06	1012.04	1012.45
	2	1012.07	1012.07	1012.06	1012.11	1012.11	1012.02	1011.97	1011.95	1011.91	1011.80	1011.61	1011.39	1011.92
	3	1011.20	1011.14	1011.12	1011.09	1011.10	1011.04	1011.05	1011.16	1011.26	1011.38	1011.50	1011.61	1011.22
	4	1011.68	1011.69	1011.71	1011.70	1011.63	1011.59	1011.62	1011.66	1011.64	1011.60	1011.52	1011.52	1011.63
	5	1011.61	1011.63	1011.64	1011.73	1011.88	1011.98	1012.01	1012.05	1012.08	1012.10	1012.19	1012.25	1011.93
	6	1012.30	1012.33	1012.27	1012.25	1012.27	1012.24	1012.22	1012.20	1012.15	1012.14	1012.16	1012.18	1012.22
	7	1012.16	1012.20	1012.28	1012.27	1012.29	1012.30	1012.31	1012.34	1012.36	1012.39	1012.43	1012.37	1012.31
	8	1012.30	1012.34	1012.32	1012.32	1012.35	1012.37	1012.43	1012.48	1012.47	1012.48	1012.49	1012.48	1012.40
	9	1012.49	1012.49	1012.45	1012.44	1012.46	1012.48	1012.49	1012.49	1012.46	1012.46	1012.51	1012.52	1012.48
	10	1012.52	1012.55	1012.57	1012.58	1012.55	1012.54	1012.53	1012.48	1012.45	1012.44	1012.42	1012.39	1012.50
	11	1012.39	1012.41	1012.45	1012.54	1012.59	1012.61	1012.56	1012.54	1012.56	1012.56	1012.57	1012.57	1012.53
	12	1012.52	1012.51	1012.51	1012.44	1012.43	1012.44	1012.44	1012.44	1012.42	1012.35	1012.25	1012.19	1012.41
	13	1012.14	1012.13	1012.06	1012.00	1011.95	1011.86	1011.84	1011.87	1011.87	1011.86	1011.86	1011.86	1011.94
	14	1011.86	1011.84	1011.83	1011.86	1011.90	1011.95	1011.97	1011.97	1011.97	1011.97	1012.02	1012.07	1011.93
	15	1012.10	1012.13	1012.13	1012.08	1012.11	1012.11	1012.10	1012.22	1012.24	1012.24	1012.31	1012.30	1012.17
	16	1012.25	1012.25	1012.26	1012.26	1012.25	1012.27	1012.29	1012.29	1012.35	1012.44	1012.50	1012.57	1012.33
	17	1012.59	1012.58	1012.58	1012.56	1012.56	1012.57	1012.58	1012.60	1012.68	1012.79	1012.87	1012.93	1012.66
	18	1012.96	1012.98	1013.01	1013.06	1013.12	1013.15	1013.13	1013.17	1013.21	1013.26	1013.38	1013.50	1013.16
	19	1013.59	1013.65	1013.66	1013.73	1013.82	1013.86	1013.89	1013.86	1013.83	1013.81	1013.76	1013.73	1013.76
	20	1013.73	1013.75	1013.81	1013.91	1013.97	1014.01	1014.09	1014.10	1014.05	1014.04	1014.04	1014.05	1013.96
	21	1014.02	1014.00	1014.09	1014.16	1014.18	1014.26	1014.32	1014.34	1014.38	1014.43	1014.48	1014.51	1014.26
	22	1014.50	1014.44	1014.37	1014.33	1014.29	1014.26	1014.31	1014.38	1014.34	1014.25	1014.25	1014.28	1014.33
	23	1014.25	1014.15	1014.13	1014.18	1014.21	1014.15	1014.06	1014.06	1014.02	1014.00	1014.08	1014.09	1014.11

S.V.I.R.CO. Observatory - Pressure in hectoPascal – May 2015

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	1013.99	1013.98	1013.95	1013.93	1013.95	1013.98	1013.98	1013.94	1013.89	1013.88	1013.89	1013.89	1013.93
	1	1013.82	1013.71	1013.69	1013.72	1013.67	1013.60	1013.62	1013.61	1013.52	1013.49	1013.53	1013.54	1013.62
	2	1013.53	1013.59	1013.60	1013.54	1013.52	1013.53	1013.48	1013.43	1013.45	1013.44	1013.40	1013.39	1013.49
	3	1013.42	1013.45	1013.45	1013.43	1013.41	1013.37	1013.35	1013.36	1013.37	1013.40	1013.39	1013.35	1013.39
	4	1013.36	1013.40	1013.38	1013.35	1013.36	1013.37	1013.42	1013.46	1013.48	1013.51	1013.51	1013.50	1013.42
	5	1013.54	1013.58	1013.56	1013.60	1013.69	1013.75	1013.80	1013.79	1013.83	1013.93	1013.97	1013.97	1013.75
	6	1014.00	1014.01	1014.06	1014.11	1014.08	1014.03	1014.03	1014.06	1014.06	1014.07	1014.11	1014.16	1014.06
	7	1014.21	1014.22	1014.23	1014.22	1014.21	1014.27	1014.31	1014.32	1014.36	1014.43	1014.46	1014.51	1014.31
	8	1014.56	1014.58	1014.65	1014.68	1014.67	1014.68	1014.66	1014.68	1014.70	1014.68	1014.62	1014.61	1014.64
	9	1014.62	1014.63	1014.63	1014.63	1014.61	1014.56	1014.51	1014.47	1014.48	1014.49	1014.49	1014.48	1014.55
	10	1014.45	1014.44	1014.44	1014.39	1014.31	1014.28	1014.23	1014.25	1014.27	1014.27	1014.24	1014.19	1014.31
	11	1014.14	1014.09	1014.09	1014.02	1013.93	1013.92	1013.95	1013.98	1013.98	1013.95	1013.96	1013.94	1013.99
	12	1013.93	1013.93	1013.89	1013.85	1013.83	1013.81	1013.77	1013.74	1013.70	1013.65	1013.60	1013.55	1013.77
	13	1013.46	1013.37	1013.29	1013.22	1013.16	1013.14	1013.14	1013.20	1013.24	1013.20	1013.20	1013.23	1013.24
	14	1013.21	1013.19	1013.14	1013.08	1013.06	1013.10	1013.11	1013.06	1012.98	1012.99	1013.08	1013.06	1013.09
	15	1012.96	1012.92	1012.99	1013.07	1013.11	1013.11	1013.06	1013.08	1013.14	1013.21	1013.25	1013.25	1013.09
	16	1013.30	1013.28	1013.27	1013.32	1013.32	1013.31	1013.29	1013.29	1013.27	1013.24	1013.26	1013.29	1013.28
	17	1013.32	1013.36	1013.29	1013.22	1013.23	1013.29	1013.33	1013.31	1013.39	1013.48	1013.47	1013.46	1013.34
	18	1013.50	1013.49	1013.48	1013.53	1013.59	1013.70	1013.79	1013.78	1013.84	1013.95	1014.06	1014.17	1013.74
	19	1014.25	1014.30	1014.35	1014.43	1014.57	1014.67	1014.68	1014.69	1014.74	1014.77	1014.81	1014.79	1014.59
	20	1014.79	1014.90	1014.96	1014.93	1014.90	1014.94	1014.98	1015.03	1015.11	1015.11	1015.03	1014.98	1014.97
	21	1015.02	1015.00	1014.97	1014.99	1014.98	1014.93	1014.92	1014.90	1014.83	1014.77	1014.74	1014.75	1014.90
	22	1014.74	1014.82	1014.92	1014.90	1014.86	1014.89	1014.91	1014.77	1014.63	1014.59	1014.62	1014.72	1014.78
	23	1014.72	1014.62	1014.59	1014.60	1014.60	1014.61	1014.63	1014.63	1014.61	1014.62	1014.64	1014.63	1014.62
4	0	1014.54	1014.52	1014.47	1014.44	1014.44	1014.45	1014.43	1014.43	1014.46	1014.43	1014.38	1014.34	1014.44
	1	1014.37	1014.43	1014.51	1014.52	1014.47	1014.42	1014.34	1014.22	1014.16	1014.17	1014.16	1014.14	1014.32
	2	1014.14	1014.18	1014.17	1014.18	1014.21	1014.22	1014.24	1014.23	1014.21	1014.20	1014.14	1014.11	1014.18
	3	1014.10	1014.05	1014.03	1014.07	1014.08	1014.07	1014.06	1014.08	1014.13	1014.14	1014.14	1014.12	1014.09
	4	1014.09	1014.08	1014.12	1014.18	1014.21	1014.25	1014.30	1014.33	1014.34	1014.35	1014.36	1014.36	1014.25
	5	1014.38	1014.44	1014.52	1014.58	1014.58	1014.57	1014.60	1014.62	1014.63	1014.60	1014.59	1014.58	1014.55
	6	1014.58	1014.66	1014.73	1014.75	1014.78	1014.81	1014.83	1014.86	1014.85	1014.87	1014.92	1014.93	1014.80
	7	1014.88	1014.84	1014.85	1014.80	1014.68	1014.65	1014.70	1014.77	1014.82	1014.83	1014.83	1014.79	1014.78
	8	1014.76	1014.81	1014.86	1014.85	1014.82	1014.83	1014.84	1014.82	1014.82	1014.85	1014.86	1014.85	1014.83
	9	1014.82	1014.81	1014.83	1014.80	1014.74	1014.70	1014.67	1014.67	1014.68	1014.72	1014.79	1014.83	1014.75
	10	1014.82	1014.78	1014.77	1014.73	1014.68	1014.67	1014.68	1014.69	1014.71	1014.69	1014.62	1014.61	1014.70
	11	1014.63	1014.62	1014.60	1014.62	1014.61	1014.49	1014.35	1014.23	1014.08	1013.96	1013.89	1013.86	1014.33
	12	1013.86	1013.95	1014.02	1014.04	1014.06	1014.05	1014.02	1013.99	1013.96	1013.89	1013.81	1013.70	1013.94
	13	1013.60	1013.53	1013.48	1013.46	1013.46	1013.41	1013.36	1013.34	1013.30	1013.26	1013.25	1013.24	1013.39
	14	1013.24	1013.22	1013.16	1013.14	1013.13	1013.09	1013.05	1013.01	1012.97	1012.95	1012.95	1013.00	1013.07
	15	1013.08	1013.13	1013.20	1013.22	1013.22	1013.24	1013.23	1013.28	1013.39	1013.37	1013.28	1013.28	1013.24
	16	1013.30	1013.29	1013.32	1013.31	1013.26	1013.25	1013.24	1013.27	1013.37	1013.41	1013.41	1013.48	1013.32
	17	1013.53	1013.56	1013.68	1013.83	1013.88	1013.84	1013.78	1013.70	1013.68	1013.71	1013.69	1013.71	1013.71
	18	1013.76	1013.78	1013.81	1013.83	1013.77	1013.75	1013.78	1013.82	1013.80	1013.84	1013.99	1014.10	1013.83
	19	1014.16	1014.16	1014.16	1014.15	1014.18	1014.28	1014.25	1014.20	1014.22	1014.30	1014.35	1014.33	1014.23
	20	1014.33	1014.29	1014.22	1014.24	1014.35	1014.44	1014.47	1014.46	1014.44	1014.38	1014.30	1014.31	1014.35
	21	1014.33	1014.32	1014.23	1014.09	1014.05	1014.08	1014.12	1014.16	1014.17	1014.12	1014.02	1013.97	1014.14
	22	1013.96	1013.97	1013.97	1013.92	1013.85	1013.79	1013.75	1013.72	1013.69	1013.64	1013.58	1013.55	1013.78
	23	1013.51	1013.49	1013.51	1013.51	1013.42	1013.33	1013.33	1013.37	1013.31	1013.18	1013.13	1013.10	1013.35

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
5	0	1013.11	1013.09	1012.98	1012.90	1012.99	1013.09	1013.12	1013.08	1013.06	1013.01	1012.94	1012.95	1013.02
	1	1012.93	1012.93	1012.96	1012.89	1012.82	1012.76	1012.71	1012.74	1012.77	1012.74	1012.66	1012.60	1012.79
	2	1012.60	1012.61	1012.54	1012.48	1012.48	1012.44	1012.34	1012.28	1012.24	1012.17	1012.05	1012.01	1012.35
	3	1012.04	1012.14	1012.22	1012.24	1012.29	1012.31	1012.27	1012.21	1012.13	1012.07	1012.03	1011.96	1012.16
	4	1011.88	1011.92	1012.00	1012.03	1012.05	1012.09	1012.12	1012.18	1012.17	1012.16	1012.20	1012.23	1012.08
	5	1012.31	1012.33	1012.34	1012.38	1012.40	1012.39	1012.45	1012.55	1012.56	1012.56	1012.57	1012.54	1012.45
	6	1012.53	1012.57	1012.59	1012.58	1012.57	1012.63	1012.69	1012.69	1012.69	1012.74	1012.82	1012.91	1012.67
	7	1012.95	1012.92	1012.87	1012.86	1012.89	1012.91	1012.95	1012.95	1012.88	1012.82	1012.78	1012.75	1012.88
	8	1012.73	1012.74	1012.74	1012.71	1012.67	1012.67	1012.66	1012.65	1012.65	1012.66	1012.68	1012.70	1012.69
	9	1012.68	1012.64	1012.62	1012.59	1012.56	1012.54	1012.50	1012.44	1012.42	1012.41	1012.38	1012.28	1012.50
	10	1012.17	1012.08	1011.98	1011.93	1011.91	1011.83	1011.75	1011.72	1011.74	1011.73	1011.73	1011.77	1011.86
	11	1011.79	1011.82	1011.87	1011.91	1011.90	1011.89	1011.87	1011.81	1011.77	1011.70	1011.65	1011.65	1011.80
	12	1011.66	1011.70	1011.75	1011.80	1011.85	1011.86	1011.86	1011.84	1011.80	1011.79	1011.83	1011.85	1011.80
	13	1011.83	1011.82	1011.81	1011.75	1011.73	1011.75	1011.72	1011.67	1011.64	1011.55	1011.48	1011.48	1011.68
	14	1011.47	1011.44	1011.39	1011.35	1011.31	1011.25	1011.20	1011.20	1011.23	1011.20	1011.16	1011.27	1011.29
	15	1011.32	1011.28	1011.39	1011.48	1011.47	1011.45	1011.39	1011.32	1011.23	1011.15	1011.03	1010.92	1011.28
	16	1010.89	1010.89	1010.93	1010.98	1011.07	1011.12	1011.07	1010.98	1010.87	1010.85	1010.85	1010.82	1010.94
	17	1010.79	1010.79	1010.80	1010.81	1010.82	1010.83	1010.84	1010.89	1010.98	1011.07	1011.13	1011.19	1010.91
	18	1011.24	1011.25	1011.24	1011.27	1011.26	1011.25	1011.28	1011.24	1011.23	1011.24	1011.23	1011.27	1011.25
	19	1011.31	1011.36	1011.54	1011.76	1011.85	1011.93	1012.03	1012.03	1011.96	1011.93	1011.94	1011.92	1011.79
	20	1011.94	1011.96	1011.93	1012.01	1012.12	1012.14	1012.14	1012.14	1012.12	1012.11	1012.13	1012.15	1012.07
	21	1012.12	1012.11	1012.16	1012.18	1012.20	1012.28	1012.39	1012.46	1012.40	1012.34	1012.31	1012.27	1012.27
	22	1012.24	1012.26	1012.31	1012.32	1012.30	1012.26	1012.19	1012.10	1012.09	1012.07	1012.01	1012.00	1012.18
	23	1011.96	1011.89	1011.87	1011.87	1011.92	1012.03	1012.09	1012.11	1012.12	1012.08	1012.03	1012.01	1012.00
6	0	1011.95	1011.91	1011.80	1011.76	1011.76	1011.73	1011.66	1011.67	1011.75	1011.79	1011.77	1011.76	1011.77
	1	1011.75	1011.72	1011.68	1011.66	1011.63	1011.57	1011.53	1011.52	1011.48	1011.40	1011.39	1011.45	1011.56
	2	1011.45	1011.51	1011.62	1011.63	1011.72	1011.92	1012.06	1012.14	1012.19	1012.21	1012.20	1012.19	1011.90
	3	1012.33	1012.49	1012.47	1012.37	1012.29	1012.31	1012.36	1012.28	1012.16	1012.18	1012.32	1012.42	1012.33
	4	1012.52	1012.57	1012.49	1012.42	1012.43	1012.59	1012.79	1012.77	1012.61	1012.53	1012.53	1012.57	1012.56
	5	1012.54	1012.60	1012.61	1012.52	1012.60	1012.60	1012.54	1012.66	1012.65	1012.46	1012.27	1012.21	1012.52
	6	1012.28	1012.46	1012.57	1012.30	1012.07	1012.00	1011.97	1012.18	1012.32	1012.23	1012.06	1012.00	1012.20
	7	1011.95	1011.89	1011.94	1011.94	1011.93	1011.94	1011.89	1011.84	1011.92	1012.00	1011.97	1011.86	1011.92
	8	1011.91	1012.02	1012.04	1012.06	1012.01	1012.04	1012.15	1012.21	1012.14	1012.13	1012.20	1012.23	1012.09
	9	1012.14	1012.00	1011.95	1012.00	1011.96	1011.85	1011.72	1011.61	1011.67	1011.88	1012.05	1012.04	1011.90
	10	1012.10	1012.18	1012.21	1012.19	1012.08	1012.09	1012.21	1012.15	1012.00	1011.97	1011.99	1011.84	1012.08
	11	1011.70	1011.79	1011.86	1011.95	1011.98	1012.03	1012.21	1012.40	1012.50	1012.69	1012.92	1012.92	1012.24
	12	1012.85	1013.01	1013.44	1013.48	1013.39	1013.52	1013.50	1013.35	1013.25	1013.36	1013.42	1013.29	1013.32
	13	1013.10	1013.12	1013.26	1013.23	1013.23	1013.28	1013.21	1013.17	1013.21	1013.17	1013.12	1012.99	1013.17
	14	1012.81	1012.70	1012.45	1012.32	1012.21	1012.15	1012.41	1012.65	1012.62	1012.65	1012.83	1012.88	1012.55
	15	1012.77	1012.63	1012.47	1012.30	1012.19	1011.99	1011.80	1011.91	1012.19	1012.05	1011.83	1012.25	1012.20
	16	1012.99	1012.86	1012.46	1012.57	1012.38	1012.25	1012.27	1012.46	1012.73	1012.31	1011.76	1011.61	1012.39
	17	1011.70	1011.88	1011.93	1011.96	1011.84	1011.73	1011.56	1011.17	1010.76	1010.52	1010.60	1010.73	1011.36
	18	1010.81	1010.81	1010.78	1010.76	1010.61	1010.42	1010.36	1010.38	1010.57	1010.83	1010.99	1010.95	1010.69
	19	1010.82	1010.91	1011.16	1011.25	1011.33	1011.66	1011.92	1011.94	1011.90	1011.76	1011.66	1011.68	1011.50
	20	1011.64	1011.69	1011.97	1012.23	1012.50	1013.06	1013.33	1013.26	1013.37	1013.39	1013.30	1013.29	1012.75
	21	1013.40	1013.47	1013.56	1013.70	1013.78	1013.77	1013.65	1013.65	1013.58	1013.48	1013.65	1013.76	1013.62
	22	1013.74	1013.69	1013.65	1013.68	1013.71	1013.70	1013.78	1013.83	1013.74	1013.65	1013.58	1013.56	1013.69
	23	1013.60	1013.56	1013.50	1013.48	1013.42	1013.39	1013.41	1013.38	1013.35	1013.34	1013.33	1013.30	1013.42

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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	1013.38	1013.36	1013.35	1013.33	1013.30	1013.33	1013.38	1013.38	1013.34	1013.29	1013.26	1013.23	1013.32
	1	1013.17	1013.10	1013.09	1013.11	1013.11	1013.11	1013.12	1013.09	1013.04	1013.01	1013.01	1012.96	1013.08
	2	1012.91	1012.92	1012.94	1012.95	1012.95	1012.94	1012.89	1012.82	1012.73	1012.64	1012.57	1012.54	1012.82
	3	1012.56	1012.62	1012.65	1012.64	1012.64	1012.64	1012.63	1012.65	1012.70	1012.74	1012.77	1012.82	1012.67
	4	1012.85	1012.88	1012.91	1012.90	1012.87	1012.87	1012.88	1012.90	1012.90	1012.93	1012.98	1013.00	1012.90
	5	1013.02	1013.01	1013.00	1012.99	1012.98	1013.02	1013.07	1013.13	1013.20	1013.25	1013.29	1013.35	1013.11
	6	1013.43	1013.46	1013.43	1013.42	1013.42	1013.41	1013.42	1013.45	1013.49	1013.54	1013.57	1013.55	1013.47
	7	1013.57	1013.63	1013.68	1013.71	1013.72	1013.70	1013.72	1013.80	1013.82	1013.77	1013.73	1013.72	1013.71
	8	1013.72	1013.71	1013.66	1013.65	1013.67	1013.66	1013.69	1013.72	1013.72	1013.73	1013.71	1013.68	1013.69
	9	1013.67	1013.65	1013.63	1013.65	1013.67	1013.66	1013.62	1013.56	1013.52	1013.51	1013.50	1013.47	1013.59
	10	1013.43	1013.39	1013.37	1013.35	1013.33	1013.29	1013.25	1013.22	1013.18	1013.15	1013.13	1013.12	1013.27
	11	1013.08	1013.04	1013.04	1013.05	1013.02	1013.02	1013.03	1013.03	1013.02	1013.01	1013.01	1013.00	1013.03
	12	1012.99	1012.97	1012.93	1012.89	1012.89	1012.93	1012.96	1012.99	1013.00	1012.97	1012.97	1012.99	1012.96
	13	1012.99	1012.97	1012.95	1012.94	1012.95	1012.98	1013.00	1013.02	1013.03	1013.01	1012.99	1012.99	1012.98
	14	1013.00	1013.05	1013.11	1013.13	1013.12	1013.09	1013.07	1013.05	1012.99	1012.93	1012.92	1012.90	1013.03
	15	1012.88												0.00
	16													0.00
	17							1013.39	1013.46	1013.52	1013.60	1013.67	1013.72	0.00
	18	1013.75	1013.78	1013.82	1013.90	1014.00	1014.09	1014.17	1014.23	1014.26	1014.28	1014.35	1014.43	1014.09
	19	1014.52	1014.56	1014.55	1014.59	1014.65	1014.67	1014.69	1014.73	1014.77	1014.76	1014.73	1014.73	1014.66
	20	1014.74	1014.74	1014.76	1014.77	1014.73	1014.70	1014.71	1014.73	1014.76	1014.76	1014.76	1014.76	1014.74
	21	1014.76	1014.76	1014.77	1014.78	1014.81	1014.84	1014.83	1014.80	1014.78	1014.79	1014.78	1014.77	1014.79
	22	1014.75	1014.75	1014.76	1014.77	1014.82	1014.88	1014.92	1014.94	1014.95	1014.98	1015.01	1015.02	1014.88
	23	1015.02	1015.03	1015.02	1015.03	1015.04	1015.05	1015.04	1015.05	1015.06	1015.04	1015.05	1015.05	1015.04
8	0	1015.02	1014.99	1014.93	1014.88	1014.87	1014.85	1014.82	1014.83	1014.85	1014.87	1014.89	1014.90	1014.89
	1	1014.88	1014.87	1014.85	1014.85	1014.84	1014.82	1014.80	1014.81	1014.83	1014.83	1014.82	1014.78	1014.83
	2	1014.71	1014.67	1014.68	1014.71	1014.71	1014.69	1014.66	1014.65	1014.71	1014.78	1014.84	1014.90	1014.73
	3	1014.92	1014.97	1015.02	1015.02	1014.98	1014.95	1014.98	1015.05	1015.13	1015.15	1015.15	1015.14	1015.04
	4	1015.14	1015.17	1015.18	1015.18	1015.18	1015.17	1015.16	1015.16	1015.16	1015.17	1015.23	1015.32	1015.18
	5	1015.41	1015.43	1015.43	1015.46	1015.47	1015.48	1015.50	1015.49	1015.47	1015.47	1015.47	1015.47	1015.46
	6	1015.51	1015.56	1015.64	1015.71	1015.72	1015.71	1015.71	1015.74	1015.77	1015.77	1015.74	1015.75	1015.69
	7	1015.78	1015.80	1015.81	1015.76	1015.70	1015.70	1015.71	1015.70	1015.71	1015.72	1015.74	1015.76	1015.74
	8	1015.75	1015.73	1015.76	1015.77	1015.73	1015.69	1015.65	1015.65	1015.65	1015.61	1015.56	1015.54	1015.67
	9	1015.56	1015.60	1015.60	1015.58	1015.55	1015.51	1015.47	1015.43	1015.42	1015.42	1015.40	1015.38	1015.49
	10	1015.36	1015.33	1015.33	1015.31	1015.28	1015.28	1015.25	1015.19	1015.16	1015.15	1015.13	1015.07	1015.24
	11	1014.99	1014.93	1014.88	1014.82	1014.73	1014.66	1014.59	1014.52	1014.48	1014.48	1014.46	1014.42	1014.66
	12	1014.40	1014.39	1014.38	1014.40	1014.40	1014.36	1014.30	1014.29	1014.31	1014.29	1014.27	1014.32	1014.34
	13	1014.33	1014.30	1014.28	1014.32	1014.37	1014.36	1014.29	1014.20	1014.19	1014.20	1014.20	1014.25	1014.27
	14	1014.28	1014.31	1014.32	1014.27	1014.26	1014.32	1014.36	1014.37	1014.42	1014.48	1014.42	1014.28	1014.34
	15	1014.12	1014.01	1014.00	1014.06	1014.01	1013.72	1013.45	1013.34	1013.49	1013.84	1013.99	1013.94	1013.83
	16	1013.82	1013.72	1013.74	1013.79	1013.99	1014.13	1014.01	1013.92	1013.93	1013.95	1013.93	1013.89	1013.90
	17	1013.86	1013.87	1013.91	1013.89	1013.84	1013.84	1013.83	1013.78	1013.76	1013.80	1013.84	1013.86	1013.84
	18	1013.88	1013.87	1013.85	1013.86	1013.88	1013.91	1013.92	1013.93	1013.92	1013.91	1013.90	1013.91	1013.89
	19	1013.91	1013.92	1013.98	1014.05	1014.12	1014.15	1014.18	1014.22	1014.25	1014.31	1014.37	1014.44	1014.16
	20	1014.52	1014.57	1014.61	1014.65	1014.67	1014.68	1014.67	1014.69	1014.75	1014.78	1014.75	1014.73	1014.67
	21	1014.72	1014.69	1014.65	1014.62	1014.64	1014.67	1014.69	1014.68	1014.67	1014.66	1014.67	1014.65	1014.67
	22	1014.63	1014.63	1014.61	1014.58	1014.56	1014.55	1014.51	1014.48	1014.50	1014.54	1014.58	1014.62	1014.56
	23	1014.61	1014.56	1014.48	1014.40	1014.36	1014.36	1014.33	1014.27	1014.20	1014.11	1014.06	1014.02	1014.31

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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
9	0	1013.74	1013.72	1013.69	1013.68	1013.69	1013.67	1013.63	1013.60	1013.59	1013.56	1013.52	1013.53	1013.63
	1	1013.54	1013.53	1013.53	1013.54	1013.52	1013.48	1013.44	1013.43	1013.42	1013.31	1013.23	1013.24	1013.43
	2	1013.24	1013.20	1013.13	1013.08	1013.06	1013.03	1013.00	1013.06	1013.11	1013.15	1013.18	1013.15	1013.11
	3	1013.12	1013.15	1013.23	1013.29	1013.32	1013.37	1013.37	1013.34	1013.31	1013.27	1013.26	1013.32	1013.28
	4	1013.41	1013.47	1013.52	1013.53	1013.51	1013.49	1013.47	1013.42	1013.37	1013.35	1013.33	1013.31	1013.43
	5	1013.27	1013.23	1013.26	1013.34	1013.35	1013.34	1013.40	1013.51	1013.61	1013.69	1013.72	1013.76	1013.46
	6	1013.84	1013.91	1014.00	1014.07	1014.08	1014.06	1014.05	1014.07	1014.10	1014.18	1014.23	1014.22	1014.06
	7	1014.19	1014.18	1014.17	1014.14	1014.11	1014.13	1014.16	1014.14	1014.12	1014.11	1014.11	1014.11	1014.14
	8	1014.08	1014.06	1014.05	1014.04	1014.04	1014.03	1014.02	1014.02	1014.05	1014.06	1014.05	1014.08	1014.05
	9	1014.10	1014.07	1014.03	1014.01	1013.97	1013.90	1013.88	1013.90	1013.88	1013.86	1013.86	1013.82	1013.94
	10	1013.76	1013.75	1013.76	1013.70	1013.60	1013.52	1013.47	1013.46	1013.46	1013.44	1013.38	1013.35	1013.55
	11	1013.30	1013.25	1013.21	1013.16	1013.13	1013.09	1013.05	1013.06	1013.10	1013.19	1013.24	1013.28	1013.17
	12	1013.27	1013.24	1013.28	1013.27	1013.21	1013.21	1013.21	1013.16	1013.11	1013.04	1012.98	1012.95	1013.16
	13	1012.89	1012.83	1012.81	1012.82	1012.83	1012.81	1012.79	1012.78	1012.79	1012.80	1012.81	1012.82	1012.81
	14	1012.80	1012.79	1012.79	1012.78	1012.80	1012.84	1012.88	1012.87	1012.84	1012.79	1012.75	1012.74	1012.80
	15	1012.75	1012.77	1012.80	1012.85	1012.87	1012.87	1012.88	1012.92	1012.98	1013.00	1012.99	1013.01	1012.89
	16	1013.04	1013.03	1013.01	1013.00	1013.01	1013.01	1013.01	1012.98	1012.97	1012.98	1012.96	1012.94	1012.99
	17	1012.91	1012.89	1012.90	1012.93	1012.96	1013.03	1013.10	1013.18	1013.27	1013.34	1013.38	1013.42	1013.11
	18	1013.46	1013.51	1013.55	1013.58	1013.66	1013.75	1013.82	1013.88	1013.92	1013.97	1014.06	1014.16	1013.77
	19	1014.22	1014.27	1014.31	1014.35	1014.37	1014.38	1014.41	1014.47	1014.51	1014.51	1014.51	1014.58	1014.41
	20	1014.63	1014.65	1014.68	1014.67	1014.68	1014.71	1014.72	1014.72	1014.76	1014.85	1014.87	1014.80	1014.73
	21	1014.85	1014.98	1015.03	1014.99	1014.98	1015.01	1015.01	1015.06	1015.10	1015.08	1015.06	1015.06	1015.02
	22	1015.09	1015.14	1015.17	1015.21	1015.25	1015.27	1015.29	1015.32	1015.35	1015.41	1015.46	1015.49	1015.29
	23	1015.52	1015.54	1015.55	1015.53	1015.50	1015.48	1015.49	1015.52	1015.51	1015.50	1015.51	1015.52	1015.51
10	0	1015.54	1015.53	1015.47	1015.41	1015.40	1015.41	1015.45	1015.48	1015.48	1015.52	1015.57	1015.59	1015.48
	1	1015.61	1015.65	1015.67	1015.67	1015.68	1015.69	1015.67	1015.64	1015.63	1015.65	1015.66	1015.65	1015.65
	2	1015.65	1015.68	1015.75	1015.79	1015.82	1015.89	1015.92	1015.94	1015.96	1015.97	1015.98	1016.03	1015.86
	3	1016.04	1016.02	1016.06	1016.10	1016.15	1016.23	1016.25	1016.21	1016.18	1016.18	1016.18	1016.17	1016.14
	4	1016.23	1016.33	1016.39	1016.46	1016.55	1016.59	1016.61	1016.65	1016.71	1016.77	1016.83	1016.88	1016.58
	5	1016.97	1017.03	1017.07	1017.09	1017.09	1017.18	1017.27	1017.27	1017.28	1017.32	1017.35	1017.40	1017.19
	6	1017.38	1017.38	1017.44	1017.46	1017.42	1017.41	1017.49	1017.51	1017.49	1017.51	1017.50	1017.50	1017.45
	7	1017.52	1017.53	1017.54	1017.55	1017.57	1017.64	1017.69	1017.70	1017.72	1017.75	1017.75	1017.75	1017.64
	8	1017.74	1017.74	1017.75	1017.79	1017.83	1017.85	1017.86	1017.89	1017.92	1017.88	1017.87	1017.93	1017.84
	9	1017.96	1017.97	1017.98	1018.00	1018.02	1018.06	1018.09	1018.12	1018.12	1018.10	1018.08	1018.03	1018.04
	10	1017.97	1017.92	1017.89	1017.88	1017.87	1017.80	1017.79	1017.81	1017.78	1017.79	1017.79	1017.73	1017.83
	11	1017.68	1017.64	1017.60	1017.60	1017.60	1017.58	1017.58	1017.55	1017.53	1017.55	1017.57	1017.59	1017.59
	12	1017.58	1017.56	1017.59	1017.59	1017.58	1017.60	1017.58	1017.56	1017.58	1017.58	1017.54	1017.48	1017.56
	13	1017.53	1017.56	1017.50	1017.48	1017.48	1017.47	1017.46	1017.46	1017.40	1017.40	1017.42	1017.32	1017.45
	14	1017.25	1017.24	1017.20	1017.13	1017.06	1017.05	1017.09	1017.15	1017.17	1017.24	1017.30	1017.27	1017.18
	15	1017.23	1017.27	1017.32	1017.34	1017.38	1017.40	1017.40	1017.42	1017.49	1017.61	1017.71	1017.75	1017.44
	16	1017.77	1017.85	1017.89	1017.93	1018.00	1018.05	1018.06	1018.07	1018.14	1018.24	1018.32	1018.41	1018.06
	17	1018.49	1018.51	1018.53	1018.58	1018.61	1018.60	1018.61	1018.66	1018.74	1018.83	1018.89	1018.95	1018.66
	18	1019.03	1019.11	1019.15	1019.18	1019.27	1019.36	1019.36	1019.37	1019.45	1019.54	1019.60	1019.59	1019.33
	19	1019.61	1019.70	1019.80	1019.85	1019.87	1019.85	1019.87	1020.00	1020.07	1020.06	1020.04	1020.08	1019.90
	20	1020.16	1020.25	1020.29	1020.32	1020.37	1020.39	1020.42	1020.45	1020.47	1020.47	1020.46	1020.47	1020.38
	21	1020.52	1020.57	1020.58	1020.56	1020.53	1020.55	1020.57	1020.61	1020.67	1020.70	1020.72	1020.72	1020.61
	22	1020.72	1020.76	1020.82	1020.85	1020.86	1020.88	1020.90	1020.95	1020.99	1021.01	1021.04	1021.04	1020.90
	23	1021.02	1021.04	1021.06	1021.06	1021.08	1021.12	1021.15	1021.19	1021.22	1021.22	1021.21	1021.22	1021.13

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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	1021.21	1021.25	1021.30	1021.32	1021.33	1021.34	1021.33	1021.33	1021.36	1021.39	1021.45	1021.51	1021.35
	1	1021.54	1021.59	1021.63	1021.63	1021.62	1021.63	1021.60	1021.55	1021.55	1021.63	1021.74	1021.85	1021.63
	2	1021.94	1021.93	1021.88	1021.84	1021.82	1021.80	1021.80	1021.80	1021.80	1021.84	1021.87	1021.91	1021.85
	3	1021.97	1022.01	1022.03	1022.03	1022.04	1022.06	1022.08	1022.09	1022.07	1022.05	1022.04	1022.03	1022.04
	4	1022.06	1022.13	1022.20	1022.25	1022.27	1022.31	1022.35	1022.38	1022.40	1022.43	1022.49	1022.53	1022.31
	5	1022.56	1022.63	1022.69	1022.72	1022.77	1022.82	1022.87	1022.93	1022.95	1022.97	1023.00	1023.04	1022.83
	6	1023.07	1023.11	1023.15	1023.19	1023.22	1023.24	1023.25	1023.23	1023.23	1023.23	1023.23	1023.22	1023.19
	7	1023.20	1023.19	1023.16	1023.14	1023.13	1023.13	1023.15	1023.15	1023.12	1023.10	1023.06	1023.03	1023.13
	8	1023.03	1023.01	1022.99	1022.98	1022.96	1022.95	1022.96	1022.97	1022.95	1022.94	1022.90	1022.85	1022.96
	9	1022.84	1022.84	1022.80	1022.79	1022.84	1022.85	1022.83	1022.82	1022.80	1022.78	1022.79	1022.81	1022.81
	10	1022.81	1022.77	1022.73	1022.68	1022.65	1022.64	1022.60	1022.54	1022.49	1022.45	1022.39	1022.33	1022.59
	11	1022.28	1022.21	1022.15	1022.12	1022.13	1022.10	1022.08	1022.04	1021.98	1021.94	1021.92	1021.91	1022.07
	12	1021.90	1021.91	1021.90	1021.84	1021.77	1021.78	1021.77	1021.74	1021.74	1021.78	1021.77	1021.74	1021.80
	13	1021.72	1021.69	1021.62	1021.57	1021.55	1021.56	1021.51	1021.47	1021.43	1021.35	1021.35	1021.35	1021.51
	14	1021.30	1021.27	1021.24	1021.20	1021.17	1021.15	1021.15	1021.10	1021.05	1021.00	1020.96	1020.96	1021.13
	15	1020.93	1020.85	1020.81	1020.83	1020.80	1020.76	1020.73	1020.67	1020.65	1020.60	1020.56	1020.53	1020.72
	16	1020.48	1020.42	1020.37	1020.32	1020.25	1020.21	1020.18	1020.15	1020.14	1020.10	1020.04	1020.04	1020.22
	17	1020.02	1020.00	1019.99	1019.98	1019.97	1019.96	1019.96	1019.98	1020.01	1020.02	1020.04	1020.05	1020.00
	18	1020.06	1020.06	1020.06	1020.05	1020.04	1020.06	1020.11	1020.14	1020.17	1020.23	1020.28	1020.30	1020.13
	19	1020.33	1020.35	1020.37	1020.37	1020.39	1020.42	1020.44	1020.48	1020.53	1020.57	1020.63	1020.66	1020.46
	20	1020.68	1020.70	1020.70	1020.70	1020.71	1020.74	1020.73	1020.71	1020.70	1020.71	1020.74	1020.75	1020.71
	21	1020.76	1020.81	1020.85	1020.87	1020.88	1020.87	1020.88	1020.91	1020.93	1020.92	1020.93	1020.96	1020.88
	22	1020.96	1020.97	1020.99	1021.01	1021.02	1021.03	1021.05	1021.07	1021.12	1021.17	1021.16	1021.14	1021.06
	23	1021.16	1021.16	1021.11	1021.05	1021.02	1020.98	1020.93	1020.93	1020.94	1020.92	1020.91	1020.92	1021.00
12	0	1020.94	1020.95	1020.97	1021.00	1021.05	1021.06	1021.07	1021.11	1021.07	1021.01	1021.00	1021.01	1021.02
	1	1021.04	1021.08	1021.11	1021.15	1021.15	1021.12	1021.13	1021.16	1021.19	1021.24	1021.29	1021.33	1021.16
	2	1021.35	1021.34	1021.32	1021.27	1021.25	1021.25	1021.25	1021.29	1021.35	1021.37	1021.36	1021.33	1021.31
	3	1021.33	1021.35	1021.36	1021.34	1021.31	1021.27	1021.25	1021.29	1021.34	1021.40	1021.47	1021.51	1021.35
	4	1021.53	1021.54	1021.54	1021.57	1021.55	1021.58	1021.66	1021.69	1021.73	1021.78	1021.82	1021.83	1021.65
	5	1021.86	1021.89	1021.91	1021.92	1021.94	1022.00	1022.07	1022.15	1022.19	1022.19	1022.20	1022.21	1022.04
	6	1022.23	1022.23	1022.22	1022.21	1022.23	1022.28	1022.32	1022.35	1022.40	1022.42	1022.41	1022.41	1022.31
	7	1022.42	1022.41	1022.43	1022.49	1022.51	1022.52	1022.55	1022.55	1022.56	1022.60	1022.65	1022.65	1022.53
	8	1022.61	1022.63	1022.64	1022.63	1022.65	1022.69	1022.70	1022.68	1022.65	1022.63	1022.60	1022.60	1022.64
	9	1022.65	1022.68	1022.73	1022.77	1022.75	1022.74	1022.74	1022.73	1022.72	1022.69	1022.67	1022.69	1022.71
	10	1022.73	1022.75	1022.74	1022.79	1022.87	1022.91	1022.92	1022.94	1022.96	1022.96	1022.94	1022.90	1022.87
	11	1022.87	1022.86	1022.77	1022.75	1022.81	1022.73	1022.71	1022.71	1022.66	1022.66	1022.60	1022.56	1022.72
	12	1022.61	1022.66	1022.63	1022.57	1022.56	1022.55	1022.54	1022.52	1022.54	1022.55	1022.55	1022.59	1022.57
	13	1022.60	1022.57	1022.55	1022.56	1022.58	1022.58	1022.60	1022.59	1022.55	1022.51	1022.51	1022.55	1022.56
	14	1022.54	1022.52	1022.51	1022.50	1022.50	1022.53	1022.52	1022.52	1022.53	1022.51	1022.51	1022.52	1022.52
	15	1022.52	1022.52	1022.53	1022.53	1022.53	1022.56	1022.59	1022.64	1022.64	1022.58	1022.54	1022.52	1022.56
	16	1022.52	1022.54	1022.56	1022.57	1022.57	1022.57	1022.56	1022.53	1022.59	1022.65	1022.66	1022.65	1022.58
	17	1022.65	1022.65	1022.64	1022.64	1022.67	1022.73	1022.73	1022.75	1022.80	1022.83	1022.84	1022.87	1022.73
	18	1022.89	1022.90	1022.90	1022.87	1022.88	1022.87	1022.85	1022.93	1022.98	1022.93	1022.95	1023.00	1022.91
	19	1023.00	1022.99	1023.01	1023.01	1022.98	1022.99	1023.03	1023.08	1023.11	1023.13	1023.15	1023.15	1023.05
	20	1023.14	1023.11	1023.13	1023.15	1023.17	1023.20	1023.26	1023.30	1023.30	1023.31	1023.32	1023.34	1023.22
	21	1023.35	1023.32	1023.30	1023.31	1023.30	1023.31	1023.30	1023.28	1023.28	1023.27	1023.28	1023.27	1023.30
	22	1023.26	1023.23	1023.22	1023.22	1023.21	1023.22	1023.22	1023.22	1023.21	1023.18	1023.14	1023.06	1023.20
	23	1022.96	1022.90	1022.88	1022.83	1022.80	1022.77	1022.74	1022.70	1022.64	1022.62	1022.59	1022.55	1022.75

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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	1022.51	1022.48	1022.43	1022.39	1022.32	1022.23	1022.21	1022.20	1022.14	1022.09	1022.08	1022.08	1022.25
	1	1022.06	1022.07	1022.09	1022.09	1022.10	1022.12	1022.12	1022.09	1022.08	1022.05	1022.04	1022.08	1022.08
	2	1022.14	1022.14	1022.09	1022.08	1022.04	1021.98	1021.95	1021.93	1021.91	1021.87	1021.86	1021.87	1021.99
	3	1021.87	1021.90	1021.92	1021.92	1021.94	1021.99	1022.00	1022.00	1022.04	1022.05	1022.01	1022.01	1021.97
	4	1022.03	1022.03	1022.03	1022.03	1022.01	1022.01	1022.03	1022.06	1022.09	1022.10	1022.13	1022.14	1022.06
	5	1022.14	1022.16	1022.17	1022.14	1022.14	1022.19	1022.21	1022.18	1022.19	1022.18	1022.17	1022.20	1022.17
	6	1022.26	1022.34	1022.40	1022.43	1022.46	1022.51	1022.55	1022.54	1022.53	1022.50	1022.48	1022.47	1022.45
	7	1022.39	1022.33	1022.35	1022.32	1022.29	1022.33	1022.34	1022.31	1022.32	1022.28	1022.21	1022.19	1022.30
	8	1022.16	1022.11	1022.10	1022.07	1022.04	1022.04	1022.03	1022.00	1022.02	1022.01	1022.00	1022.03	1022.05
	9	1022.03	1022.01	1022.00	1021.94	1021.86	1021.81	1021.76	1021.67	1021.62	1021.60	1021.54	1021.49	1021.77
	10	1021.46	1021.42	1021.35	1021.28	1021.22	1021.15	1021.11	1021.08	1021.04	1021.02	1020.98	1020.94	1021.17
	11	1020.90	1020.89	1020.85	1020.75	1020.70	1020.65	1020.58	1020.56	1020.52	1020.48	1020.46	1020.40	1020.64
	12	1020.35	1020.34	1020.33	1020.32	1020.31	1020.29	1020.25	1020.20	1020.17	1020.13	1020.10	1020.09	1020.24
	13	1020.07	1020.06	1020.01	1019.93	1019.88	1019.88	1019.87	1019.86	1019.89	1019.90	1019.86	1019.82	1019.92
	14	1019.78	1019.75	1019.69	1019.66	1019.65	1019.60	1019.56	1019.51	1019.46	1019.42	1019.36	1019.33	1019.56
	15	1019.37	1019.35	1019.28	1019.24	1019.19	1019.15	1019.12	1019.09	1019.13	1019.17	1019.16	1019.13	1019.20
	16	1019.08	1019.04	1018.98	1018.94	1018.89	1018.83	1018.77	1018.70	1018.71	1018.74	1018.72	1018.68	1018.84
	17	1018.66	1018.69	1018.71	1018.76	1018.85	1018.88	1018.91	1018.92	1018.89	1018.89	1018.88	1018.76	1018.82
	18	1018.68	1018.72	1018.80	1018.81	1018.72	1018.67	1018.71	1018.83	1018.96	1018.97	1018.94	1018.96	1018.81
	19	1019.01	1019.03	1019.01	1018.96	1018.94	1018.93	1018.88	1018.83	1018.80	1018.81	1018.83	1018.85	1018.90
	20	1018.81	1018.74	1018.77	1018.78	1018.75	1018.75	1018.77	1018.78	1018.81	1018.83	1018.80	1018.79	1018.78
	21	1018.73	1018.63	1018.59	1018.62	1018.62	1018.55	1018.46	1018.42	1018.40	1018.39	1018.44	1018.43	1018.52
	22	1018.34	1018.29	1018.22	1018.18	1018.15	1018.10	1018.09	1018.08	1018.03	1018.00	1018.00	1017.97	1018.12
	23	1017.89	1017.77	1017.70	1017.64	1017.58	1017.50	1017.41	1017.31	1017.22	1017.18	1017.19	1017.17	1017.46
14	0	1017.00	1016.96	1016.86	1016.83	1016.82	1016.80	1016.81	1016.83	1016.76	1016.71	1016.67	1016.53	1016.79
	1	1016.46	1016.48	1016.44	1016.33	1016.24	1016.18	1016.20	1016.16	1016.15	1016.19	1016.20	1016.15	1016.26
	2	1016.03	1015.94	1015.90	1015.86	1015.74	1015.61	1015.54	1015.46	1015.40	1015.35	1015.33	1015.27	1015.62
	3	1015.26	1015.38	1015.42	1015.32	1015.28	1015.26	1015.18	1015.15	1015.13	1015.05	1015.05	1015.05	1015.21
	4	1015.01	1014.96	1015.00	1015.07	1015.03	1014.98	1014.98	1015.05	1015.18	1015.23	1015.27	1015.30	1015.09
	5	1015.27	1015.23	1015.15	1015.09	1015.12	1015.10	1015.00	1014.95	1014.96	1014.98	1015.00	1015.04	1015.07
	6	1015.01	1014.91	1014.85	1014.80	1014.78	1014.82	1014.88	1014.92	1014.94	1014.97	1014.99	1014.97	1014.90
	7	1014.93	1014.99	1015.06	1015.06	1015.05	1014.98	1014.94	1014.98	1015.01	1014.99	1014.94	1015.03	1014.99
	8	1015.11	1015.09	1015.03	1014.96	1014.95	1014.94	1014.96	1014.93	1014.84	1014.74	1014.70	1014.73	1014.91
	9	1014.84	1014.87	1014.87	1014.94	1014.89	1014.77	1014.71	1014.64	1014.68	1014.71	1014.57	1014.53	1014.75
	10	1014.55	1014.51	1014.44	1014.30	1014.25	1014.19	1014.13	1014.12	1014.04	1013.99	1013.87	1013.79	1014.18
	11	1013.78	1013.70	1013.60	1013.36	1013.12	1013.09	1013.16	1013.06	1012.89	1012.87	1012.95	1013.03	1013.21
	12	1013.09	1012.99	1012.83	1012.76	1012.66	1012.65	1012.81	1012.84	1012.77	1012.71	1012.45	1012.34	1012.74
	13	1012.36	1012.27	1012.23	1012.35	1012.47	1012.42	1012.31	1012.30	1012.36	1012.36	1012.27	1012.11	1012.31
	14	1012.03	1012.07	1012.05	1012.02	1012.05	1012.04	1011.95	1011.91	1011.86	1011.83	1011.85	1011.77	1011.95
	15	1011.63	1011.54	1011.58	1011.69	1011.63	1011.52	1011.47	1011.42	1011.34	1011.23	1011.16	1011.10	1011.44
	16	1011.09	1011.03	1010.93	1010.80	1010.64	1010.51	1010.43	1010.43	1010.44	1010.40	1010.52	1010.67	1010.66
	17	1010.82	1010.94	1010.96	1010.92	1010.82	1010.90	1010.97	1010.83	1010.70	1010.69	1010.75	1010.65	1010.83
	18	1010.49	1010.55	1010.78	1010.81	1009.63	1009.35	1010.03	1009.52	1009.11	1009.44	1010.06	1010.57	1010.03
	19	1010.62	1010.52	1010.59	1010.53	1010.57	1010.55	1010.44	1010.36	1010.31	1010.36	1010.27	1010.12	1010.43
	20	1010.13	1010.24	1010.29	1010.27	1010.28	1010.38	1010.36	1010.30	1010.35	1010.34	1010.24	1010.15	1010.28
	21	1010.08	1009.99	1009.91	1009.81	1009.72	1009.80	1009.87	1009.75	1009.64	1009.62	1009.61	1009.61	1009.78
	22	1009.53	1009.56	1009.62	1009.44	1009.30	1009.41	1009.48	1009.45	1009.20	1009.03	1009.07	1009.11	1009.35
	23	1009.35	1009.34	1009.22	1008.97	1008.72	1008.72	1008.53	1008.65	1008.97	1008.77	1008.73	1008.40	1008.86

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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	1007.77	1007.57	1007.56	1007.86	1007.78	1007.63	1007.99	1008.17	1007.89	1007.88	1008.08	1007.95	1007.84
	1	1007.86	1008.08	1008.11	1008.19	1008.26	1008.09	1007.98	1007.98	1007.95	1007.79	1007.75	1007.89	1007.99
	2	1008.06	1008.11	1008.10	1008.08	1008.02	1008.00	1007.96	1007.95	1007.94	1007.88	1007.81	1007.72	1007.97
	3	1007.80	1007.86	1007.70	1007.58	1007.61	1007.53	1007.31	1007.46	1007.41	1006.86	1006.67	1006.86	1007.39
	4	1007.24	1007.55	1007.31	1007.17	1007.08	1006.98	1007.03	1006.93	1006.75	1006.61	1006.58	1006.51	1006.98
	5	1006.62	1007.06	1007.29	1007.24	1007.23	1007.08	1007.01	1006.91	1006.75	1006.83	1006.87	1006.80	1006.97
	6	1006.74	1006.75	1006.86	1006.98	1006.99	1006.56	1006.24	1006.05	1005.82	1005.78	1005.60	1005.40	1006.31
	7	1005.34	1005.28	1005.36	1005.43	1005.88	1006.60	1006.43	1005.58	1005.00	1004.91	1004.34	1004.24	1005.36
	8	1004.76	1004.73	1004.92	1005.36	1005.82	1005.96	1005.74	1005.28	1004.86	1004.76	1004.65	1004.78	1005.13
	9	1005.12	1005.12	1005.32	1005.81	1005.47	1005.21	1005.28	1005.22	1005.33	1005.57	1005.75	1005.67	1005.40
	10	1005.71	1005.19	1005.18	1006.15	1006.23	1005.42	1005.22	1005.84	1006.29	1006.47	1006.62	1006.61	1005.91
	11	1006.23	1005.68	1004.98	1004.46	1004.24	1004.28	1004.55	1005.09	1005.57	1005.35	1004.84	1004.57	1004.98
	12	1004.99	1005.64	1005.29	1004.93	1005.09	1005.04	1004.87	1004.73	1004.67	1004.77	1004.78	1004.67	1004.95
	13	1004.76	1004.83	1004.79	1004.79	1004.87	1004.99	1005.08	1005.11	1005.11	1005.13	1005.16	1005.17	1004.98
	14	1005.10	1005.01	1004.98	1005.02	1005.05	1005.18	1005.42	1005.56	1005.49	1005.29	1005.05	1005.10	1005.19
	15	1005.52	1005.59	1005.40	1005.34	1005.26	1005.12	1005.05	1004.95	1004.68	1004.53	1004.91	1005.25	1005.13
	16	1004.93	1004.70	1004.71	1004.87	1005.22	1005.45	1005.72	1005.74	1005.62	1005.58	1005.63	1005.92	1005.34
	17	1006.12	1006.25	1006.28	1006.25	1006.42	1006.62	1006.61	1006.55	1006.57	1006.67	1006.44	1006.49	1006.44
	18	1006.68	1006.77	1006.96	1006.92	1007.04	1007.17	1007.21	1007.11	1007.17	1007.45	1007.66	1007.78	1007.16
	19	1007.90	1008.02	1008.18	1008.22	1008.13	1008.24	1008.26	1008.44	1008.66	1008.67	1008.81	1009.01	1008.38
	20	1009.12	1009.11	1009.10	1009.14	1009.20	1009.26	1009.37	1009.50	1009.58	1009.60	1009.64	1009.73	1009.36
	21	1009.85	1009.97	1010.06	1010.16	1010.27	1010.38	1010.52	1010.61	1010.62	1010.63	1010.70	1010.74	1010.37
	22	1010.77	1010.80	1010.79	1010.76	1010.77	1010.77	1010.73	1010.74	1010.81	1010.81	1010.80	1010.83	1010.78
	23	1010.81	1010.84	1010.83	1010.75	1010.71	1010.62	1010.54	1010.53	1010.50	1010.55	1010.62	1010.63	1010.66
16	0	1010.74	1010.75	1010.79	1010.86	1010.84	1010.82	1010.83	1010.86	1010.94	1010.94	1010.87	1010.79	1010.84
	1	1010.77	1010.82	1010.79	1010.83	1010.97	1011.11	1011.21	1011.26	1011.28	1011.32	1011.29	1011.25	1011.07
	2	1011.24	1011.30	1011.40	1011.53	1011.58	1011.51	1011.52	1011.59	1011.64	1011.69	1011.63	1011.51	1011.51
	3	1011.51	1011.60	1011.62	1011.61	1011.68	1011.69	1011.65	1011.71	1011.77	1011.82	1011.93	1012.05	1011.72
	4	1012.18	1012.33	1012.45	1012.54	1012.63	1012.74	1012.82	1012.86	1012.93	1013.05	1013.06	1012.96	1012.71
	5	1012.88	1012.89	1012.96	1013.08	1013.22	1013.37	1013.50	1013.60	1013.71	1013.81	1013.84	1013.89	1013.39
	6	1013.97	1014.11	1014.27	1014.38	1014.45	1014.49	1014.50	1014.52	1014.55	1014.59	1014.66	1014.71	1014.43
	7	1014.86	1015.00	1015.03	1015.14	1015.33	1015.44	1015.48	1015.49	1015.42	1015.36	1015.28	1015.27	1015.26
	8	1015.33	1015.36	1015.40	1015.35	1015.26	1015.34	1015.49	1015.51	1015.52	1015.49	1015.40	1015.38	1015.40
	9	1015.40	1015.39	1015.42	1015.49	1015.54	1015.53	1015.52	1015.53	1015.59	1015.63	1015.59	1015.57	1015.51
	10	1015.57	1015.58	1015.61	1015.63	1015.63	1015.65	1015.69	1015.68	1015.61	1015.53	1015.52	1015.54	1015.60
	11	1015.52	1015.51	1015.50	1015.51	1015.55	1015.55	1015.51	1015.51	1015.55	1015.53	1015.50	1015.46	1015.51
	12	1015.42	1015.39	1015.35	1015.35	1015.32	1015.27	1015.21	1015.17	1015.18	1015.19	1015.14	1015.10	1015.25
	13	1015.09	1015.08	1015.11	1015.11	1015.09	1015.14	1015.17	1015.18	1015.24	1015.26	1015.27	1015.29	1015.17
	14	1015.31	1015.31	1015.25	1015.20	1015.22	1015.26	1015.32	1015.38	1015.34	1015.31	1015.34	1015.31	1015.29
	15	1015.25	1015.25	1015.26	1015.23	1015.20	1015.24	1015.25	1015.17	1015.14	1015.15	1015.14	1015.20	1015.20
	16	1015.25	1015.28	1015.31	1015.27	1015.18	1015.10	1015.07	1015.09	1015.08	1015.02	1015.00	1015.00	1015.14
	17	1014.94	1014.90	1014.86	1014.85	1014.86	1014.89	1014.94	1014.85	1014.70	1014.65	1014.60	1014.56	1014.80
	18	1014.61	1014.69	1014.72	1014.64	1014.59	1014.63	1014.61	1014.57	1014.59	1014.62	1014.61	1014.55	1014.62
	19	1014.46	1014.44	1014.52	1014.62	1014.66	1014.67	1014.72	1014.70	1014.68	1014.65	1014.63	1014.67	1014.62
	20	1014.70	1014.69	1014.67	1014.66	1014.66	1014.64	1014.57	1014.54	1014.56	1014.56	1014.56	1014.52	1014.61
	21	1014.43	1014.34	1014.17	1014.10	1014.13	1014.04	1014.02	1014.05	1014.00	1013.92	1013.86	1013.80	1014.07
	22	1013.72	1013.65	1013.53	1013.41	1013.32	1013.22	1013.15	1013.05	1012.93	1012.84	1012.78	1012.72	1013.19
	23	1012.64	1012.52	1012.40	1012.28	1012.13	1012.04	1012.05	1012.05	1012.07	1012.04	1011.91	1011.83	1012.16



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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
17	0	1011.73	1011.72	1011.67	1011.60	1011.60	1011.60	1011.59	1011.59	1011.55	1011.50	1011.48	1011.48	1011.58
	1	1011.51	1011.57	1011.65	1011.69	1011.76	1011.82	1011.79	1011.77	1011.75	1011.71	1011.67	1011.64	1011.69
	2	1011.65	1011.67	1011.66	1011.63	1011.64	1011.63	1011.55	1011.45	1011.39	1011.37	1011.35	1011.39	1011.53
	3	1011.52	1011.62	1011.72	1011.77	1011.79	1011.83	1011.86	1011.94	1012.00	1012.04	1012.16	1012.29	1011.88
	4	1012.35	1012.36	1012.37	1012.46	1012.49	1012.43	1012.55	1012.88	1013.16	1013.29	1013.31	1013.35	1012.75
	5	1013.36	1013.31	1013.21	1013.08	1012.95	1012.81	1012.73	1012.75	1012.80	1012.75	1012.70	1012.72	1012.93
	6	1012.70	1012.65	1012.66	1012.69	1012.72	1012.74	1012.71	1012.69	1012.72	1012.76	1012.72	1012.70	1012.70
	7	1012.69	1012.64	1012.51	1012.40	1012.38	1012.31	1012.17	1012.12	1012.17	1012.22	1012.20	1012.14	1012.33
	8	1012.15	1012.23	1012.23	1012.22	1012.24	1012.24	1012.18	1012.08	1012.00	1011.94	1011.88	1011.84	1012.10
	9	1011.80	1011.77	1011.73	1011.66	1011.59	1011.57	1011.56	1011.53	1011.48	1011.44	1011.43	1011.41	1011.58
	10	1011.39	1011.39	1011.35	1011.26	1011.22	1011.15	1011.04	1010.95	1010.90	1010.84	1010.79	1010.78	1011.09
	11	1010.81	1010.83	1010.83	1010.81	1010.78	1010.73	1010.66	1010.57	1010.49	1010.51	1010.49	1010.42	1010.66
	12	1010.36	1010.35	1010.37	1010.36	1010.31	1010.27	1010.22	1010.18	1010.11	1010.08	1010.07	1009.99	1010.22
	13	1009.92	1009.90	1009.88	1009.88	1009.90	1009.91	1009.92	1009.94	1009.94	1009.96	1009.96	1009.95	1009.92
	14	1010.01	1010.03	1010.02	1010.03	1010.04	1010.09	1010.10	1010.07	1010.09	1010.10	1010.09	1010.09	1010.06
	15	1010.08	1010.03	1010.01	1010.02	1010.00	1009.97	1009.93	1009.94	1009.98	1010.01	1009.99	1009.96	1009.99
	16	1009.99	1010.00	1010.01	1010.08	1010.13	1010.17	1010.20	1010.21	1010.29	1010.35	1010.37	1010.37	1010.18
	17	1010.39	1010.41	1010.39	1010.34	1010.34	1010.40	1010.45	1010.45	1010.48	1010.55	1010.60	1010.64	1010.45
	18	1010.72	1010.77	1010.72	1010.70	1010.74	1010.71	1010.65	1010.63	1010.67	1010.77	1010.82	1010.84	1010.73
	19	1010.90	1010.91	1010.96	1011.09	1011.21	1011.24	1011.26	1011.34	1011.36	1011.36	1011.40	1011.46	1011.21
	20	1011.49	1011.50	1011.53	1011.52	1011.50	1011.52	1011.51	1011.47	1011.45	1011.42	1011.40	1011.44	1011.48
	21	1011.49	1011.50	1011.52	1011.53	1011.51	1011.53	1011.59	1011.62	1011.61	1011.58	1011.56	1011.57	1011.55
	22	1011.58	1011.57	1011.56	1011.60	1011.65	1011.67	1011.66	1011.65	1011.64	1011.62	1011.60	1011.61	1011.61
	23	1011.59	1011.53	1011.51	1011.54	1011.54	1011.50	1011.47	1011.49	1011.47	1011.40	1011.35	1011.31	1011.47
18	0	1011.28	1011.28	1011.28	1011.25	1011.21	1011.16	1011.12	1011.08	1011.03	1010.99	1010.96	1010.93	1011.12
	1	1010.88	1010.82	1010.81	1010.78	1010.74	1010.71	1010.66	1010.57	1010.50	1010.46	1010.43	1010.42	1010.65
	2	1010.42	1010.39	1010.38	1010.39	1010.39	1010.39	1010.36	1010.31	1010.28	1010.25	1010.24	1010.28	1010.34
	3	1010.33	1010.33	1010.32	1010.28	1010.28	1010.31	1010.35	1010.39	1010.44	1010.48	1010.47	1010.48	1010.37
	4	1010.53	1010.55	1010.55	1010.61	1010.68	1010.76	1010.86	1010.91	1010.90	1010.91	1010.98	1011.08	1010.77
	5	1011.13	1011.17	1011.21	1011.23	1011.28	1011.34	1011.34	1011.36	1011.39	1011.40	1011.42	1011.45	1011.31
	6	1011.47	1011.47	1011.47	1011.50	1011.53	1011.52	1011.51	1011.49	1011.47	1011.48	1011.50	1011.51	1011.49
	7	1011.51	1011.52	1011.51	1011.49	1011.49	1011.51	1011.51	1011.49	1011.45	1011.45	1011.48	1011.48	1011.49
	8	1011.47	1011.45	1011.43	1011.43	1011.42	1011.39	1011.37	1011.36	1011.34	1011.29	1011.25	1011.23	1011.37
	9	1011.20	1011.17	1011.13	1011.10	1011.08	1011.05	1010.99	1010.95	1010.91	1010.86	1010.84	1010.81	1011.00
	10	1010.78	1010.75	1010.72	1010.68	1010.64	1010.62	1010.59	1010.53	1010.48	1010.44	1010.43	1010.40	1010.59
	11	1010.33	1010.28	1010.23	1010.17	1010.12	1010.08	1010.04	1009.95	1009.88	1009.84	1009.78	1009.68	1010.03
	12	1009.62	1009.58	1009.56	1009.54	1009.49	1009.46	1009.44	1009.39	1009.35	1009.32	1009.31	1009.28	1009.44
	13	1009.24	1009.25	1009.22	1009.18	1009.16	1009.12	1009.09	1009.07	1009.02	1008.99	1008.95	1008.91	1009.10
	14	1008.88	1008.88	1008.90	1008.90	1008.88	1008.86	1008.86	1008.83	1008.75	1008.68	1008.62	1008.54	1008.80
	15	1008.49	1008.45	1008.42	1008.38	1008.32	1008.26	1008.21	1008.18	1008.17	1008.14	1008.13	1008.14	1008.27
	16	1008.14	1008.14	1008.15	1008.14	1008.12	1008.12	1008.12	1008.13	1008.14	1008.13	1008.10	1008.06	1008.12
	17	1008.02	1008.00	1007.97	1007.93	1007.91	1007.93	1007.96	1007.96	1007.97	1007.97	1008.00	1008.06	1007.97
	18	1008.09	1008.09	1008.11	1008.14	1008.17	1008.19	1008.23	1008.26	1008.27	1008.28	1008.26	1008.25	1008.19
	19	1008.31	1008.37	1008.43	1008.53	1008.62	1008.66	1008.71	1008.74	1008.77	1008.80	1008.83	1008.87	1008.63
	20	1008.92	1008.98	1009.04	1009.07	1009.09	1009.11	1009.12	1009.12	1009.08	1009.03	1009.01	1009.03	1009.05
	21	1009.06	1009.10	1009.11	1009.05	1009.01	1009.00	1009.01	1009.00	1008.96	1008.93	1008.94	1008.96	1009.01
	22	1008.95	1008.92	1008.85	1008.78	1008.75	1008.74	1008.74	1008.75	1008.74	1008.67	1008.61	1008.53	1008.75
	23	1008.43	1008.37	1008.38	1008.41	1008.42	1008.42	1008.42	1008.38	1008.30	1008.21	1008.17	1008.16	1008.34

## S.V.I.R.CO. Observatory - Pressure in hectoPascal – May 2015

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	1008.10	1008.05	1007.97	1007.95	1007.95	1007.93	1007.88	1007.84	1007.85	1007.85	1007.83	1007.83	1007.91
	1	1007.85	1007.85	1007.84	1007.82	1007.80	1007.75	1007.67	1007.63	1007.61	1007.59	1007.56	1007.54	1007.71
	2	1007.57	1007.58	1007.54	1007.49	1007.47	1007.45	1007.42	1007.38	1007.33	1007.29	1007.31	1007.34	1007.43
	3	1007.37	1007.36	1007.32	1007.27	1007.27	1007.31	1007.32	1007.29	1007.28	1007.33	1007.41	1007.45	1007.33
	4	1007.46	1007.51	1007.54	1007.56	1007.61	1007.64	1007.66	1007.73	1007.81	1007.88	1007.92	1007.91	1007.68
	5	1007.88	1007.91	1007.94	1007.99	1008.03	1008.03	1008.03	1008.03	1008.02	1008.03	1008.04	1008.01	1007.99
	6	1007.97	1007.97	1008.06	1008.15	1008.20	1008.22	1008.21	1008.17	1008.16	1008.20	1008.27	1008.31	1008.16
	7	1008.31	1008.27	1008.25	1008.22	1008.19	1008.17	1008.15	1008.12	1008.08	1008.01	1007.95	1007.93	1008.14
	8	1007.95	1007.98	1008.01	1008.06	1008.10	1008.13	1008.12	1008.09	1008.08	1008.09	1008.14	1008.16	1008.07
	9	1008.16	1008.18	1008.20	1008.19	1008.17	1008.19	1008.22	1008.24	1008.21	1008.18	1008.16	1008.12	1008.18
	10	1008.08	1008.03	1007.98	1007.98	1007.98	1007.99	1008.03	1008.03	1008.05	1008.09	1008.12	1008.11	1008.04
	11	1008.11	1008.15	1008.15	1008.10	1008.04	1008.02	1008.06	1008.09	1008.10	1008.14	1008.20	1008.22	1008.11
	12	1008.23	1008.24	1008.22	1008.16	1008.10	1008.08	1008.03	1007.97	1007.96	1008.01	1008.01	1007.96	1008.08
	13	1007.90	1007.85	1007.84	1007.87	1007.90	1007.94	1007.98	1007.99	1008.00	1008.02	1008.04	1008.04	1007.94
	14	1008.09	1008.08	1008.00	1007.99	1008.01	1008.00	1007.95	1007.89	1007.79	1007.73	1007.73	1007.71	1007.91
	15	1007.71	1007.74	1007.77	1007.81	1007.81	1007.83	1007.85	1007.83	1007.83	1007.91	1007.96	1007.93	1007.83
	16	1007.93	1007.95	1007.89	1007.81	1007.78	1007.74	1007.68	1007.65	1007.66	1007.70	1007.73	1007.73	1007.77
	17	1007.75	1007.76	1007.77	1007.83	1007.91	1007.96	1008.00	1008.04	1008.08	1008.14	1008.20	1008.26	1007.97
	18	1008.33	1008.41	1008.47	1008.53	1008.57	1008.58	1008.55	1008.55	1008.62	1008.68	1008.71	1008.78	1008.56
	19	1008.91	1009.01	1009.07	1009.14	1009.21	1009.23	1009.26	1009.33	1009.40	1009.43	1009.48	1009.55	1009.25
	20	1009.60	1009.66	1009.72	1009.78	1009.83	1009.88	1009.88	1009.85	1009.82	1009.82	1009.83	1009.83	1009.79
	21	1009.79	1009.80	1009.87	1009.92	1009.96	1009.98	1009.99	1010.03	1010.07	1010.02	1009.97	1009.99	1009.95
	22	1009.99	1009.95	1009.91	1009.89	1009.89	1009.90	1009.87	1009.81	1009.78	1009.74	1009.69	1009.65	1009.84
	23	1009.65	1009.67	1009.68	1009.68	1009.69	1009.71	1009.69	1009.65	1009.61	1009.57	1009.59	1009.64	1009.65
20	0	1009.70	1009.69	1009.70	1009.73	1009.69	1009.65	1009.67	1009.65	1009.60	1009.61	1009.62	1009.62	1009.66
	1	1009.57	1009.58	1009.78	1009.95	1009.91	1009.85	1009.79	1009.71	1009.67	1009.66	1009.67	1009.72	1009.74
	2	1009.73	1009.73	1009.78	1009.77	1009.75	1009.76	1009.74	1009.65	1009.58	1009.55	1009.54	1009.52	1009.67
	3	1009.55	1009.60	1009.62	1009.64	1009.65	1009.66	1009.69	1009.75	1009.79	1009.80	1009.86	1009.92	1009.71
	4	1009.92	1009.86	1009.81	1009.83	1009.84	1009.84	1009.87	1009.93	1010.01	1010.04	1010.00	1010.01	1009.91
	5	1010.12	1010.20	1010.24	1010.25	1010.25	1010.22	1010.19	1010.21	1010.18	1010.15	1010.24	1010.33	1010.21
	6	1010.35	1010.32	1010.36	1010.41	1010.43	1010.46	1010.37	1010.28	1010.23	1010.20	1010.25	1010.25	1010.32
	7	1010.22	1010.29	1010.36	1010.32	1010.23	1010.19	1010.15	1010.05	1010.05	1010.07	1010.06	1010.03	1010.17
	8	1009.95	1009.89	1009.88	1009.91	1009.93	1009.85	1009.80	1009.85	1009.97	1010.05	1010.03	1009.98	1009.92
	9	1009.92	1009.86	1009.85	1009.83	1009.71	1009.62	1009.58	1009.56	1009.59	1009.59	1009.57	1009.57	1009.69
	10	1009.56	1009.55	1009.56	1009.58	1009.65	1009.68	1009.62	1009.56	1009.58	1009.61	1009.62	1009.63	1009.60
	11	1009.71	1009.79	1009.82	1009.89	1009.92	1009.93	1009.94	1009.94	1009.98	1010.11	1010.19	1010.18	1009.95
	12	1010.20	1010.18	1010.21	1010.31	1010.33	1010.33	1010.36	1010.42	1010.47	1010.53	1010.62	1010.72	1010.39
	13	1010.81	1010.86	1010.87	1010.87	1010.81	1010.64	1010.47	1010.46	1010.51	1010.45	1010.41	1010.47	1010.63
	14	1010.54	1010.63	1010.65	1010.60	1010.67	1010.73	1010.56	1010.55	1010.76	1010.83	1010.77	1010.67	1010.66
	15	1010.60	1010.60	1010.64	1010.63	1010.63	1010.61	1010.59	1010.59	1010.53	1010.53	1010.61	1010.60	1010.59
	16	1010.52	1010.52	1010.57	1010.61	1010.65	1010.68	1010.75	1010.81	1010.86	1010.94	1010.98	1011.06	1010.74
	17	1011.13	1011.14	1011.11	1011.06	1011.05	1011.09	1011.16	1011.19	1011.16	1011.17	1011.21	1011.31	1011.15
	18	1011.38	1011.43	1011.49	1011.55	1011.63	1011.67	1011.64	1011.60	1011.65	1011.66	1011.63	1011.65	1011.58
	19	1011.68	1011.75	1011.88	1011.90	1011.93	1012.10	1012.16	1012.15	1012.14	1012.09	1012.15	1012.26	1012.01
	20	1012.29	1012.30	1012.25	1012.13	1012.14	1012.16	1012.09	1012.02	1012.05	1012.11	1012.09	1012.12	1012.14
	21	1012.11	1012.11	1012.17	1012.15	1012.18	1012.29	1012.43	1012.53	1012.61	1012.62	1012.52	1012.45	1012.34
	22	1012.52	1012.69	1012.82	1012.86	1012.84	1012.90	1013.04	1013.09	1013.09	1013.12	1013.16	1013.13	1012.94
	23	1013.08	1013.03	1013.07	1013.12	1013.14	1013.13	1013.04	1013.04	1013.11	1013.18	1013.26	1013.28	1013.12

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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	1013.23	1013.23	1013.25	1013.26	1013.16	1013.08	1013.08	1013.05	1013.07	1013.11	1013.19	1013.13	1013.15
	1	1013.03	1013.03	1013.01	1013.07	1013.16	1013.14	1013.02	1012.88	1012.76	1012.78	1012.86	1012.81	1012.96
	2	1012.71	1012.61	1012.54	1012.65	1012.69	1012.69	1012.70	1012.66	1012.60	1012.56	1012.54	1012.54	1012.62
	3	1012.52	1012.48	1012.45	1012.48	1012.56	1012.62	1012.61	1012.59	1012.66	1012.78	1012.85	1012.86	1012.62
	4	1012.85	1012.88	1012.94	1012.95	1012.93	1012.91	1012.94	1012.97	1012.96	1013.01	1013.12	1013.15	1012.96
	5	1013.12	1013.10	1013.11	1013.18	1013.25	1013.22	1013.18	1013.19	1013.28	1013.33	1013.32	1013.32	1013.21
	6	1013.34	1013.38	1013.46	1013.58	1013.62	1013.60	1013.58	1013.59	1013.62	1013.66	1013.71	1013.74	1013.57
	7	1013.76	1013.71	1013.60	1013.62	1013.68	1013.66	1013.64	1013.66	1013.69	1013.72	1013.78	1013.85	1013.70
	8	1013.88	1013.94	1013.92	1013.93	1014.02	1014.03	1014.00	1013.96	1013.90	1013.90	1013.93	1013.88	1013.94
	9	1013.87	1013.92	1013.90	1013.85	1013.87	1013.88	1013.92	1013.99	1014.04	1014.08	1014.03	1013.96	1013.94
	10	1013.96	1013.93	1013.85	1013.84	1013.97	1014.03	1014.03	1014.08	1014.09	1014.14	1014.23	1014.30	1014.04
	11	1014.31	1014.29	1014.29	1014.28	1014.32	1014.34	1014.34	1014.34	1014.33	1014.33	1014.42	1014.49	1014.34
	12	1014.44	1014.46	1014.46	1014.42	1014.37	1014.25	1014.20	1014.21	1014.20	1014.27	1014.25	1014.19	1014.31
	13	1014.22	1014.21	1014.22	1014.28	1014.29	1014.28	1014.26	1014.25	1014.27	1014.19	1014.09	1014.10	1014.22
	14	1014.18	1014.15	1014.02	1014.00	1014.04	1014.13	1014.24	1014.29	1014.29	1014.32	1014.33	1014.30	1014.19
	15	1014.23	1014.23	1014.28	1014.32	1014.36	1014.32	1014.34	1014.39	1014.35	1014.27	1014.22	1014.19	1014.29
	16	1014.18	1014.19	1014.18	1014.15	1014.13	1014.17	1014.25	1014.28	1014.25	1014.22	1014.21	1014.24	1014.20
	17	1014.30	1014.32	1014.31	1014.28	1014.28	1014.33	1014.35	1014.38	1014.40	1014.42	1014.39	1014.35	1014.34
	18	1014.37	1014.41	1014.40	1014.37	1014.39	1014.41	1014.39	1014.36	1014.32	1014.31	1014.34	1014.36	1014.37
	19	1014.38	1014.38	1014.39	1014.41	1014.42	1014.44	1014.46	1014.50	1014.56	1014.59	1014.58	1014.56	1014.47
	20	1014.53	1014.52	1014.52	1014.49	1014.46	1014.44	1014.41	1014.35	1014.30	1014.25	1014.22	1014.22	1014.39
	21	1014.22	1014.20	1014.19	1014.20	1014.17	1014.12	1014.08	1014.09	1014.13	1014.14	1014.16	1014.19	1014.16
	22	1014.18	1014.15	1014.12	1014.07	1014.00	1013.96	1013.92	1013.88	1013.83	1013.74	1013.67	1013.62	1013.93
	23	1013.54	1013.42	1013.35	1013.32	1013.29	1013.25	1013.16	1013.06	1012.97	1012.87	1012.83	1012.82	1013.16
22	0	1012.77	1012.75	1012.72	1012.71	1012.72	1012.69	1012.66	1012.63	1012.56	1012.51	1012.49	1012.46	1012.63
	1	1012.41	1012.36	1012.34	1012.32	1012.28	1012.18	1012.08	1012.03	1012.03	1012.01	1012.01	1012.03	1012.17
	2	1012.01	1011.96	1011.92	1011.86	1011.75	1011.63	1011.54	1011.46	1011.40	1011.43	1011.47	1011.44	1011.65
	3	1011.43	1011.45	1011.40	1011.30	1011.23	1011.20	1011.20	1011.20	1011.15	1011.11	1011.12	1011.14	1011.24
	4	1011.14	1011.12	1011.14	1011.16	1011.13	1011.11	1011.12	1011.08	1011.00	1010.94	1010.92	1010.87	1011.06
	5	1010.80	1010.76	1010.72	1010.68	1010.62	1010.54	1010.50	1010.49	1010.49	1010.52	1010.55	1010.57	1010.60
	6	1010.58	1010.59	1010.60	1010.63	1010.63	1010.61	1010.63	1010.62	1010.60	1010.57	1010.55	1010.61	1010.60
	7	1010.68	1010.71	1010.73	1010.73	1010.69	1010.62	1010.57	1010.56	1010.53	1010.45	1010.44	1010.45	1010.60
	8	1010.43	1010.39	1010.32	1010.22	1010.12	1010.03	1009.98	1009.95	1009.94	1009.93	1009.92	1009.88	1010.09
	9	1009.84	1009.81	1009.77	1009.75	1009.70	1009.64	1009.60	1009.56	1009.52	1009.50	1009.44	1009.38	1009.62
	10	1009.34	1009.28	1009.19	1009.15	1009.11	1009.05	1009.00	1008.96	1008.89	1008.84	1008.79	1008.75	1009.03
	11	1008.74	1008.76	1008.74	1008.70	1008.64	1008.62	1008.59	1008.53	1008.50	1008.52	1008.57	1008.57	1008.62
	12	1008.55	1008.55	1008.55	1008.64	1008.78	1008.82	1008.76	1008.72	1008.71	1008.64	1008.56	1008.48	1008.65
	13	1008.38	1008.37	1008.38	1008.34	1008.31	1008.27	1008.24	1008.29	1008.37	1008.45	1008.52	1008.55	1008.37
	14	1008.54	1008.55	1008.55	1008.57	1008.60	1008.62	1008.62	1008.60	1008.55	1008.50	1008.45	1008.47	1008.55
	15	1008.56	1008.62	1008.69	1008.78	1008.82	1008.82	1008.80	1008.79	1008.81	1008.88	1008.96	1008.98	1008.79
	16	1008.99	1009.01	1009.04	1009.07	1009.07	1009.06	1009.06	1009.08	1009.09	1009.09	1009.08	1009.08	1009.06
	17	1009.11	1009.16	1009.24	1009.31	1009.35	1009.38	1009.40	1009.42	1009.45	1009.49	1009.52	1009.54	1009.36
	18	1009.55	1009.57	1009.57	1009.61	1009.68	1009.75	1009.81	1009.83	1009.84	1009.86	1009.88	1009.89	1009.73
	19	1009.88	1009.86	1009.89	1009.95	1010.00	1010.00	1009.99	1010.02	1010.07	1010.12	1010.13	1010.12	1010.00
	20	1010.12	1010.11	1010.10	1010.07	1010.03	1009.98	1009.93	1009.91	1009.92	1009.94	1009.99	1010.00	1010.01
	21	1009.99	1009.94	1009.88	1009.86	1009.86	1009.87	1009.88	1009.85	1009.85	1009.90	1009.95	1009.99	1009.90
	22	1010.00	1009.99	1009.99	1010.08	1010.20	1010.23	1010.21	1010.16	1010.13	1010.12	1010.09	1010.07	1010.10
	23	1010.10	1010.10	1010.08	1010.05	1010.00	1009.98	1009.92	1009.88	1009.88	1009.87	1009.86	1009.82	1009.96

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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	1009.76	1009.74	1009.73	1009.71	1009.65	1009.57	1009.57	1009.68	1009.72	1009.61	1009.52	1009.44	1009.63
	1	1009.40	1009.41	1009.43	1009.50	1009.52	1009.53	1009.55	1009.55	1009.53	1009.49	1009.50	1009.56	1009.50
	2	1009.56	1009.56	1009.59	1009.57	1009.49	1009.42	1009.39	1009.35	1009.30	1009.25	1009.25	1009.28	1009.41
	3	1009.31	1009.34	1009.36	1009.39	1009.40	1009.37	1009.37	1009.45	1009.49	1009.48	1009.45	1009.40	1009.40
	4	1009.38	1009.40	1009.41	1009.41	1009.43	1009.48	1009.50	1009.51	1009.51	1009.51	1009.51	1009.55	1009.46
	5	1009.59	1009.63	1009.66	1009.69	1009.72	1009.74	1009.78	1009.82	1009.82	1009.81	1009.81	1009.83	1009.74
	6	1009.85	1009.88	1009.93	1009.96	1009.98	1010.01	1010.05	1010.08	1010.07	1010.07	1010.07	1010.07	1010.00
	7	1010.06	1010.06	1010.06	1010.08	1010.12	1010.15	1010.18	1010.20	1010.24	1010.30	1010.35	1010.35	1010.18
	8	1010.36	1010.36	1010.33	1010.34	1010.37	1010.39	1010.41	1010.46	1010.52	1010.55	1010.55	1010.57	1010.43
	9	1010.62	1010.67	1010.68	1010.72	1010.78	1010.81	1010.83	1010.82	1010.78	1010.73	1010.71	1010.71	1010.74
	10	1010.71	1010.72	1010.72	1010.71	1010.72	1010.74	1010.72	1010.70	1010.70	1010.71	1010.71	1010.71	1010.71
	11	1010.75	1010.77	1010.78	1010.82	1010.83	1010.85	1010.89	1010.91	1010.90	1010.87	1010.84	1010.81	1010.83
	12	1010.76	1010.74	1010.73	1010.73	1010.74	1010.70	1010.67	1010.66	1010.62	1010.61	1010.62	1010.60	1010.68
	13	1010.61	1010.66	1010.68	1010.68	1010.64	1010.62	1010.62	1010.65	1010.70	1010.69	1010.69	1010.72	1010.66
	14	1010.74	1010.74	1010.73	1010.78	1010.84	1010.88	1010.94	1011.01	1011.03	1011.01	1011.01	1011.02	1010.89
	15	1010.99	1010.94	1010.93	1010.93	1010.90	1010.88	1010.86	1010.83	1010.81	1010.78	1010.72	1010.66	1010.85
	16	1010.60	1010.57	1010.58	1010.56	1010.55	1010.57	1010.58	1010.60	1010.63	1010.65	1010.65	1010.66	1010.60
	17	1010.68	1010.72	1010.75	1010.79	1010.83	1010.86	1010.88	1010.89	1010.88	1010.90	1010.92	1010.93	1010.83
	18	1010.92	1010.91	1010.92	1010.92	1010.92	1010.94	1010.94	1010.97	1011.01	1011.04	1011.08	1011.14	1010.97
	19	1011.21	1011.28	1011.34	1011.40	1011.47	1011.53	1011.57	1011.60	1011.64	1011.68	1011.73	1011.76	1011.51
	20	1011.76	1011.74	1011.74	1011.75	1011.74	1011.73	1011.75	1011.79	1011.82	1011.84	1011.86	1011.84	1011.78
	21	1011.81	1011.79	1011.79	1011.79	1011.79	1011.78	1011.77	1011.78	1011.77	1011.75	1011.74	1011.74	1011.77
	22	1011.72	1011.67	1011.65	1011.63	1011.59	1011.56	1011.53	1011.50	1011.47	1011.43	1011.44	1011.49	1011.56
	23	1011.53	1011.56	1011.60	1011.60	1011.54	1011.46	1011.43	1011.42	1011.37	1011.37	1011.42	1011.48	1011.48
24	0	1011.49	1011.51	1011.51	1011.50	1011.49	1011.47	1011.46	1011.46	1011.46	1011.43	1011.40	1011.37	1011.46
	1	1011.30	1011.23	1011.16	1011.09	1011.07	1011.05	1011.02	1011.02	1010.99	1010.97	1010.94	1010.92	1011.06
	2	1010.90	1010.88	1010.88	1010.84	1010.77	1010.74	1010.76	1010.77	1010.75	1010.72	1010.70	1010.72	1010.78
	3	1010.76	1010.81	1010.84	1010.82	1010.79	1010.78	1010.84	1010.90	1010.94	1010.97	1011.00	1011.02	1010.87
	4	1011.02	1011.01	1011.02	1011.06	1011.10	1011.11	1011.14	1011.19	1011.24	1011.32	1011.45	1011.54	1011.18
	5	1011.55	1011.55	1011.57	1011.57	1011.56	1011.56	1011.57	1011.57	1011.55	1011.56	1011.59	1011.62	1011.57
	6	1011.67	1011.72	1011.76	1011.81	1011.87	1011.91	1011.92	1011.91	1011.89	1011.87	1011.88	1011.90	1011.84
	7	1011.92	1011.93	1011.96	1011.99	1012.00	1012.00	1011.99	1012.00	1012.03	1012.05	1012.09	1012.12	1012.01
	8	1012.16	1012.21	1012.25	1012.28	1012.32	1012.37	1012.40	1012.43	1012.47	1012.51	1012.55	1012.58	1012.38
	9	1012.60	1012.62	1012.66	1012.68	1012.65	1012.63	1012.63	1012.63	1012.64	1012.67	1012.69	1012.71	1012.65
	10	1012.73	1012.76	1012.78	1012.81	1012.82	1012.82	1012.82	1012.81	1012.80	1012.79	1012.78	1012.79	1012.79
	11	1012.82	1012.83	1012.85	1012.87	1012.84	1012.83	1012.84	1012.84	1012.85	1012.86	1012.86	1012.87	1012.84
	12	1012.90	1012.92	1012.91	1012.90	1012.89	1012.85	1012.81	1012.78	1012.76	1012.72	1012.67	1012.64	1012.81
	13	1012.61	1012.58	1012.55	1012.50	1012.45	1012.40	1012.38	1012.40	1012.40	1012.37	1012.35	1012.34	1012.44
	14	1012.30	1012.27	1012.22	1012.16	1012.12	1012.09	1012.05	1012.00	1011.95	1011.92	1011.91	1011.90	1012.07
	15	1011.87	1011.87	1011.89	1011.91	1011.93	1011.90	1011.85	1011.80	1011.77	1011.77	1011.77	1011.74	1011.84
	16	1011.71	1011.67	1011.66	1011.66	1011.65	1011.66	1011.65	1011.62	1011.61	1011.61	1011.62	1011.64	1011.64
	17	1011.66	1011.68	1011.73	1011.80	1011.87	1011.90	1011.93	1011.99	1012.06	1012.13	1012.19	1012.22	1011.93
	18	1012.26	1012.29	1012.32	1012.35	1012.38	1012.44	1012.48	1012.50	1012.53	1012.53	1012.52	1012.54	1012.43
	19	1012.59	1012.65	1012.66	1012.67	1012.73	1012.82	1012.89	1012.95	1013.01	1013.04	1013.06	1013.09	1012.84
	20	1013.11	1013.16	1013.21	1013.20	1013.18	1013.16	1013.13	1013.10	1013.11	1013.09	1013.07	1013.09	1013.13
	21	1013.08	1013.07	1013.07	1013.09	1013.10	1013.10	1013.13	1013.14	1013.15	1013.14	1013.14	1013.12	1013.11
	22	1013.08	1013.05	1013.06	1013.06	1013.05	1013.04	1013.04	1013.08	1013.10	1013.10	1013.11	1013.11	1013.07
	23	1013.08	1013.06	1013.04	1013.01	1012.98	1012.93	1012.92	1012.92	1012.90	1012.88	1012.84	1012.80	1012.94

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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	1012.72	1012.69	1012.66	1012.64	1012.60	1012.59	1012.62	1012.62	1012.63	1012.66	1012.66	1012.65	1012.64
	1	1012.65	1012.65	1012.62	1012.58	1012.55	1012.52	1012.46	1012.44	1012.45	1012.46	1012.45	1012.42	1012.52
	2	1012.40	1012.41	1012.40	1012.39	1012.39	1012.42	1012.44	1012.39	1012.34	1012.32	1012.37	1012.41	1012.39
	3	1012.37	1012.35	1012.39	1012.43	1012.47	1012.50	1012.53	1012.54	1012.55	1012.59	1012.60	1012.66	1012.50
	4	1012.66	1012.59	1012.57	1012.59	1012.64	1012.69	1012.74	1012.76	1012.71	1012.69	1012.69	1012.71	1012.67
	5	1012.76	1012.81	1012.82	1012.80	1012.80	1012.85	1012.89	1012.87	1012.85	1012.87	1012.93	1013.00	1012.85
	6	1013.05	1013.04	1013.04	1013.07	1013.11	1013.13	1013.15	1013.14	1013.10	1013.09	1013.11	1013.13	1013.09
	7	1013.14	1013.16	1013.17	1013.14	1013.10	1013.08	1013.06	1013.03	1012.99	1012.99	1012.98	1012.98	1013.07
	8	1012.99	1012.97	1012.96	1012.93	1012.89	1012.87	1012.85	1012.86	1012.88	1012.88	1012.87	1012.85	1012.90
	9	1012.82	1012.81	1012.80	1012.79	1012.78	1012.73	1012.68	1012.64	1012.60	1012.56	1012.53	1012.51	1012.68
	10	1012.50	1012.47	1012.45	1012.42	1012.40	1012.39	1012.37	1012.35	1012.33	1012.31	1012.27	1012.26	1012.38
	11	1012.27	1012.26	1012.25	1012.24	1012.22	1012.19	1012.15	1012.11	1012.06	1011.98	1011.90	1011.86	1012.12
	12	1011.86	1011.88	1011.85	1011.83	1011.80	1011.71	1011.67	1011.66	1011.67	1011.62	1011.58	1011.60	1011.72
	13	1011.61	1011.57	1011.54	1011.53	1011.49	1011.41	1011.31	1011.22	1011.15	1011.11	1011.09	1011.04	1011.34
	14	1010.98	1010.92	1010.87	1010.87	1010.89	1010.89	1010.84	1010.83	1010.85	1010.87	1010.90	1010.89	1010.88
	15	1010.84	1010.80	1010.77	1010.74	1010.68	1010.64	1010.63	1010.59	1010.56	1010.54	1010.52	1010.47	1010.65
	16	1010.40	1010.35	1010.29	1010.25	1010.23	1010.22	1010.25	1010.29	1010.33	1010.37	1010.39	1010.40	1010.31
	17	1010.44	1010.45	1010.48	1010.54	1010.56	1010.59	1010.65	1010.67	1010.64	1010.63	1010.62	1010.60	1010.57
	18	1010.59	1010.64	1010.68	1010.69	1010.74	1010.79	1010.78	1010.74	1010.73	1010.79	1010.83	1010.85	1010.74
	19	1010.88	1010.91	1010.93	1010.96	1011.00	1011.05	1011.13	1011.20	1011.21	1011.22	1011.21	1011.20	1011.07
	20	1011.20	1011.22	1011.25	1011.25	1011.24	1011.22	1011.19	1011.18	1011.18	1011.22	1011.28	1011.32	1011.23
	21	1011.33	1011.29	1011.24	1011.23	1011.19	1011.15	1011.15	1011.14	1011.12	1011.09	1011.04	1011.00	1011.16
	22	1010.98	1010.98	1010.97	1010.96	1010.96	1010.98	1010.99	1010.99	1011.02	1011.03	1011.02	1011.02	1010.99
23	1011.01	1011.02	1011.02	1011.01	1011.01	1010.97	1010.91	1010.85	1010.83	1010.78	1010.72	1010.68	1010.90	
26	0	1010.61	1010.57	1010.53	1010.55	1010.56	1010.53	1010.49	1010.44	1010.37	1010.29	1010.24	1010.22	1010.44
	1	1010.22	1010.24	1010.23	1010.20	1010.14	1010.08	1010.06	1010.06	1010.05	1010.02	1009.99	1009.95	1010.10
	2	1009.94	1009.91	1009.88	1009.84	1009.81	1009.76	1009.72	1009.70	1009.66	1009.64	1009.66	1009.67	1009.76
	3	1009.67	1009.69	1009.69	1009.68	1009.68	1009.69	1009.70	1009.70	1009.69	1009.67	1009.65	1009.62	1009.68
	4	1009.61	1009.58	1009.54	1009.55	1009.56	1009.55	1009.54	1009.55	1009.56	1009.55	1009.53	1009.48	1009.55
	5	1009.42	1009.39	1009.38	1009.38	1009.39	1009.39	1009.38	1009.36	1009.34	1009.31	1009.26	1009.23	1009.35
	6	1009.25	1009.28	1009.31	1009.35	1009.36	1009.39	1009.41	1009.40	1009.40	1009.40	1009.42	1009.43	1009.36
	7	1009.43	1009.45	1009.48	1009.49	1009.49	1009.48	1009.45	1009.41	1009.34	1009.31	1009.30	1009.29	1009.41
	8	1009.28	1009.25	1009.24	1009.21	1009.19	1009.20	1009.19	1009.16	1009.11	1009.06	1009.05	1009.04	1009.16
	9	1009.01	1008.98	1008.98	1008.99	1008.98	1008.95	1008.92	1008.88	1008.86	1008.83	1008.77	1008.72	1008.90
	10	1008.70	1008.70	1008.67	1008.63	1008.57	1008.49	1008.45	1008.39	1008.35	1008.31	1008.26	1008.24	1008.48
	11	1008.20	1008.14	1008.10	1008.09	1008.05	1007.98	1007.95	1007.96	1007.97	1007.96	1007.97	1007.98	1008.03
	12	1007.99	1007.96	1007.93	1007.94	1007.92	1007.87	1007.76	1007.68	1007.65	1007.58	1007.54	1007.55	1007.78
	13	1007.57	1007.54	1007.54	1007.55	1007.54	1007.54	1007.49	1007.48	1007.51	1007.49	1007.45	1007.44	1007.51
	14	1007.43	1007.46	1007.48	1007.50	1007.52	1007.54	1007.59	1007.64	1007.65	1007.68	1007.74	1007.76	1007.58
	15	1007.77	1007.78	1007.82	1007.91	1007.96	1007.97	1007.98	1007.99	1007.93	1007.88	1007.89	1007.90	1007.90
	16	1007.93	1008.00	1008.09	1008.14	1008.25	1008.43	1008.56	1008.68	1008.81	1008.93	1009.00	1009.04	1008.49
	17	1009.09	1009.13	1009.15	1009.19	1009.22	1009.24	1009.25	1009.25	1009.19	1009.16	1009.16	1009.20	1009.18
	18	1009.21	1009.16	1009.11	1009.02	1008.97	1008.90	1008.82	1008.80	1008.78	1008.75	1008.72	1008.70	1008.91
	19	1008.77	1008.86	1008.92	1008.96	1008.98	1008.98	1008.98	1008.97	1008.96	1008.93	1008.93	1008.98	1008.93
	20	1009.03	1009.03	1009.00	1008.98	1008.93	1008.88	1008.87	1008.86	1008.86	1008.88	1008.87	1008.83	1008.92
	21	1008.79	1008.78	1008.84	1008.93	1009.00	1009.03	1009.08	1009.15	1009.19	1009.19	1009.19	1009.20	1009.03
	22	1009.20	1009.18	1009.18	1009.23	1009.26	1009.25	1009.23	1009.20	1009.19	1009.20	1009.22	1009.22	1009.21
23	1009.20	1009.18	1009.18	1009.17	1009.13	1009.12	1009.15	1009.17	1009.18	1009.18	1009.20	1009.25	1009.17	

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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	1009.29	1009.29	1009.28	1009.29	1009.30	1009.31	1009.33	1009.32	1009.30	1009.27	1009.26	1009.28	1009.29
	1	1009.28	1009.24	1009.20	1009.15	1009.09	1009.05	1009.03	1009.01	1008.98	1008.93	1008.82	1008.67	1009.04
	2	1008.57	1008.54	1008.50	1008.47	1008.44	1008.43	1008.44	1008.44	1008.43	1008.44	1008.46	1008.45	1008.47
	3	1008.46	1008.51	1008.57	1008.61	1008.65	1008.68	1008.72	1008.76	1008.78	1008.81	1008.86	1008.89	1008.69
	4	1008.92	1008.95	1009.01	1009.09	1009.14	1009.17	1009.22	1009.29	1009.34	1009.33	1009.29	1009.26	1009.17
	5	1009.30	1009.36	1009.39	1009.41	1009.44	1009.49	1009.51	1009.50	1009.51	1009.54	1009.55	1009.54	1009.46
	6	1009.55	1009.59	1009.63	1009.63	1009.60	1009.58	1009.59	1009.63	1009.67	1009.72	1009.78	1009.84	1009.65
	7	1009.90	1009.93	1009.94	1009.94	1009.94	1009.96	1009.99	1009.98	1009.94	1009.91	1009.91	1009.89	1009.93
	8	1009.87	1009.87	1009.86	1009.86	1009.87	1009.86	1009.87	1009.89	1009.89	1009.90	1009.91	1009.92	1009.88
	9	1009.95	1009.99	1010.02	1010.04	1010.03	1010.03	1010.04	1010.08	1010.11	1010.09	1010.09	1010.10	1010.04
	10	1010.10	1010.10	1010.07	1010.01	1009.96	1009.92	1009.88	1009.87	1009.87	1009.87	1009.88	1009.85	1009.95
	11	1009.80	1009.80	1009.83	1009.85	1009.84	1009.78	1009.70	1009.64	1009.62	1009.60	1009.58	1009.59	1009.72
	12	1009.61	1009.69	1009.78	1009.89	1009.97	1009.98	1009.94	1009.99	1010.21	1010.44	1010.58	1010.71	1010.06
	13	1010.87	1010.98	1011.16	1011.40	1011.56	1011.61	1011.66	1011.71	1011.72	1011.75	1011.80	1011.87	1011.50
	14	1011.98	1012.10	1012.14	1012.15	1012.20	1012.24	1012.24	1012.24	1012.28	1012.33	1012.34	1012.30	1012.21
	15	1012.13	1011.87	1011.58	1011.31	1011.20	1011.28	1011.51	1011.73	1011.82	1011.82	1011.77	1011.75	1011.65
	16	1011.76	1011.79	1011.84	1011.87	1011.86	1011.83	1011.81	1011.80	1011.81	1011.87	1011.94	1012.00	1011.85
	17	1012.06	1012.13	1012.20	1012.25	1012.30	1012.35	1012.43	1012.50	1012.55	1012.62	1012.67	1012.68	1012.39
	18	1012.72	1012.74	1012.73	1012.74	1012.77	1012.82	1012.87	1012.90	1012.94	1012.97	1012.97	1012.97	1012.84
	19	1013.02	1013.07	1013.09	1013.15	1013.23	1013.26	1013.25	1013.26	1013.29	1013.32	1013.35	1013.36	1013.22
	20	1013.37	1013.37	1013.39	1013.46	1013.54	1013.57	1013.55	1013.53	1013.54	1013.54	1013.53	1013.55	1013.49
	21	1013.60	1013.64	1013.62	1013.59	1013.60	1013.61	1013.60	1013.61	1013.64	1013.66	1013.69	1013.73	1013.63
	22	1013.79	1013.83	1013.84	1013.85	1013.88	1013.92	1013.95	1013.97	1013.98	1014.02	1014.09	1014.15	1013.94
	23	1014.18	1014.18	1014.17	1014.19	1014.21	1014.22	1014.22	1014.20	1014.16	1014.16	1014.18	1014.20	1014.19
28	0	1014.16	1014.15	1014.14	1014.14	1014.17	1014.20	1014.22	1014.25	1014.25	1014.26	1014.29	1014.31	1014.21
	1	1014.29	1014.27	1014.31	1014.34	1014.35	1014.35	1014.36	1014.37	1014.39	1014.41	1014.42	1014.43	1014.35
	2	1014.44	1014.45	1014.47	1014.50	1014.49	1014.47	1014.43	1014.42	1014.44	1014.44	1014.44	1014.45	1014.45
	3	1014.43	1014.39	1014.40	1014.43	1014.49	1014.57	1014.65	1014.75	1014.84	1014.86	1014.86	1014.93	1014.63
	4	1014.97	1014.98	1015.03	1015.11	1015.17	1015.20	1015.23	1015.28	1015.32	1015.32	1015.33	1015.36	1015.19
	5	1015.41	1015.47	1015.54	1015.61	1015.70	1015.78	1015.80	1015.82	1015.81	1015.78	1015.78	1015.82	1015.69
	6	1015.86	1015.90	1015.94	1015.98	1016.02	1016.08	1016.14	1016.16	1016.18	1016.22	1016.27	1016.30	1016.09
	7	1016.28	1016.26	1016.25	1016.21	1016.19	1016.14	1016.10	1016.09	1016.10	1016.12	1016.12	1016.10	1016.16
	8	1016.08	1016.07	1016.06	1016.02	1016.03	1016.04	1016.04	1016.04	1016.06	1016.10	1016.14	1016.15	1016.07
	9	1016.16	1016.15	1016.13	1016.07	1016.06	1016.08	1016.05	1016.00	1015.93	1015.88	1015.87	1015.88	1016.02
	10	1015.85	1015.79	1015.80	1015.84	1015.80	1015.74	1015.72	1015.71	1015.67	1015.64	1015.59	1015.55	1015.72
	11	1015.53	1015.45	1015.38	1015.28	1015.24	1015.26	1015.23	1015.19	1015.14	1015.08	1015.05	1015.02	1015.24
	12	1014.96	1014.97	1015.03	1014.96	1014.92	1014.99	1015.00	1015.03	1015.07	1015.03	1014.97	1014.99	1014.99
	13	1014.97	1014.90	1014.90	1014.92	1014.94	1014.90	1014.88	1014.88	1014.84	1014.82	1014.82	1014.81	1014.88
	14	1014.82	1014.84	1014.84	1014.83	1014.80	1014.76	1014.74	1014.73	1014.79	1014.77	1014.73	1014.73	1014.78
	15	1014.74	1014.74	1014.71	1014.71	1014.68	1014.66	1014.64	1014.60	1014.57	1014.56	1014.52	1014.47	1014.63
	16	1014.43	1014.39	1014.39	1014.40	1014.43	1014.41	1014.40	1014.44	1014.43	1014.44	1014.48	1014.53	1014.43
	17	1014.55	1014.54	1014.56	1014.55	1014.56	1014.61	1014.64	1014.69	1014.70	1014.68	1014.69	1014.69	1014.62
	18	1014.68	1014.69	1014.71	1014.75	1014.77	1014.77	1014.77	1014.80	1014.84	1014.85	1014.85	1014.86	1014.78
	19	1014.89	1014.96	1015.02	1015.07	1015.12	1015.17	1015.20	1015.27	1015.36	1015.40	1015.44	1015.45	1015.19
	20	1015.45	1015.47	1015.49	1015.49	1015.47	1015.42	1015.40	1015.40	1015.41	1015.45	1015.48	1015.51	1015.45
	21	1015.53	1015.56	1015.60	1015.64	1015.69	1015.70	1015.68	1015.70	1015.77	1015.80	1015.80	1015.80	1015.69
	22	1015.78	1015.74	1015.69	1015.69	1015.71	1015.73	1015.73	1015.75	1015.79	1015.79	1015.78	1015.79	1015.75
	23	1015.79	1015.76	1015.71	1015.68	1015.66	1015.68	1015.71	1015.73	1015.74	1015.72	1015.68	1015.62	1015.70

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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	1015.57	1015.59	1015.60	1015.61	1015.66	1015.67	1015.66	1015.66	1015.66	1015.67	1015.65	1015.58	1015.63
	1	1015.54	1015.53	1015.50	1015.47	1015.44	1015.42	1015.41	1015.40	1015.39	1015.39	1015.38	1015.36	1015.43
	2	1015.34	1015.31	1015.24	1015.20	1015.21	1015.23	1015.22	1015.19	1015.18	1015.19	1015.19	1015.18	1015.22
	3	1015.18	1015.18	1015.21	1015.25	1015.29	1015.31	1015.31	1015.31	1015.32	1015.31	1015.31	1015.33	1015.27
	4	1015.35	1015.38	1015.41	1015.43	1015.45	1015.44	1015.42	1015.43	1015.43	1015.45	1015.50	1015.54	1015.43
	5	1015.56	1015.57	1015.58	1015.60	1015.62	1015.63	1015.65	1015.66	1015.66	1015.68	1015.72	1015.74	1015.64
	6	1015.76	1015.77	1015.76	1015.75	1015.77	1015.82	1015.87	1015.90	1015.92	1015.94	1015.94	1015.91	1015.84
	7	1015.87	1015.84	1015.83	1015.83	1015.84	1015.85	1015.85	1015.86	1015.86	1015.84	1015.82	1015.86	1015.85
	8	1015.93	1015.96	1015.98	1016.00	1015.99	1015.97	1015.98	1015.96	1015.94	1015.90	1015.85	1015.81	1015.94
	9	1015.80	1015.76	1015.75	1015.76	1015.75	1015.74	1015.74	1015.73	1015.71	1015.69	1015.69	1015.66	1015.73
	10	1015.63	1015.61	1015.57	1015.52	1015.48	1015.47	1015.45	1015.44	1015.46	1015.48	1015.46	1015.44	1015.50
	11	1015.43	1015.41	1015.42	1015.42	1015.40	1015.38	1015.34	1015.31	1015.29	1015.28	1015.28	1015.29	1015.35
	12	1015.27	1015.22	1015.20	1015.19	1015.16	1015.13	1015.07	1015.00	1014.94	1014.91	1014.87	1014.84	1015.07
	13	1014.83	1014.77	1014.73	1014.72	1014.69	1014.60	1014.53	1014.51	1014.53	1014.53	1014.50	1014.44	1014.61
	14	1014.37	1014.36	1014.34	1014.31	1014.30	1014.30	1014.34	1014.40	1014.46	1014.49	1014.46	1014.43	1014.38
	15	1014.39	1014.36	1014.32	1014.27	1014.23	1014.21	1014.18	1014.14	1014.10	1014.08	1014.03	1013.98	1014.19
	16	1013.94	1013.93	1013.96	1014.00	1014.05	1014.08	1014.08	1014.11	1014.17	1014.22	1014.26	1014.25	1014.09
	17	1014.25	1014.27	1014.30	1014.36	1014.41	1014.41	1014.42	1014.40	1014.42	1014.46	1014.48	1014.50	1014.39
	18	1014.51	1014.54	1014.59	1014.60	1014.61	1014.64	1014.65	1014.68	1014.69	1014.66	1014.67	1014.72	1014.63
	19	1014.75	1014.77	1014.84	1014.92	1015.00	1015.08	1015.14	1015.15	1015.16	1015.20	1015.26	1015.31	1015.05
	20	1015.39	1015.44	1015.45	1015.45	1015.41	1015.41	1015.44	1015.46	1015.51	1015.53	1015.50	1015.48	1015.45
	21	1015.45	1015.39	1015.37	1015.36	1015.34	1015.33	1015.32	1015.34	1015.33	1015.30	1015.28	1015.28	1015.34
	22	1015.27	1015.26	1015.24	1015.23	1015.26	1015.26	1015.26	1015.24	1015.18	1015.13	1015.10	1015.09	1015.21
	23	1015.09	1015.08	1015.10	1015.13	1015.15	1015.16	1015.22	1015.29	1015.33	1015.34	1015.32	1015.30	1015.21
30	0	1015.32	1015.33	1015.35	1015.38	1015.41	1015.40	1015.38	1015.36	1015.34	1015.31	1015.27	1015.24	1015.34
	1	1015.23	1015.23	1015.21	1015.19	1015.16	1015.15	1015.17	1015.17	1015.09	1015.04	1015.07	1015.12	1015.15
	2	1015.17	1015.19	1015.21	1015.23	1015.23	1015.20	1015.18	1015.17	1015.16	1015.15	1015.15	1015.14	1015.18
	3	1015.12	1015.10	1015.11	1015.15	1015.21	1015.23	1015.22	1015.23	1015.25	1015.28	1015.26	1015.24	1015.20
	4	1015.21	1015.18	1015.18	1015.18	1015.15	1015.12	1015.10	1015.07	1015.06	1015.04	1015.01	1015.00	1015.11
	5	1015.01	1015.01	1015.00	1014.96	1014.92	1014.93	1014.97	1015.00	1015.01	1015.07	1015.13	1015.17	1015.01
	6	1015.21	1015.26	1015.29	1015.32	1015.34	1015.36	1015.37	1015.40	1015.44	1015.48	1015.48	1015.47	1015.37
	7	1015.52	1015.57	1015.57	1015.57	1015.58	1015.61	1015.63	1015.64	1015.64	1015.64	1015.64	1015.65	1015.60
	8	1015.66	1015.65	1015.62	1015.60	1015.61	1015.60	1015.58	1015.55	1015.51	1015.47	1015.44	1015.42	1015.56
	9	1015.42	1015.43	1015.44	1015.46	1015.48	1015.46	1015.45	1015.47	1015.44	1015.39	1015.39	1015.39	1015.43
	10	1015.39	1015.43	1015.42	1015.40	1015.39	1015.35	1015.30	1015.25	1015.23	1015.20	1015.21	1015.25	1015.32
	11	1015.25	1015.26	1015.28	1015.30	1015.31	1015.32	1015.33	1015.33	1015.32	1015.27	1015.24	1015.27	1015.29
	12	1015.27	1015.28	1015.33	1015.33	1015.33	1015.31	1015.31	1015.35	1015.35	1015.35	1015.34	1015.32	1015.32
	13	1015.30	1015.28	1015.29	1015.32	1015.34	1015.36	1015.32	1015.29	1015.27	1015.26	1015.29	1015.32	1015.30
	14	1015.33	1015.32	1015.29	1015.28	1015.24	1015.22	1015.26	1015.25	1015.22	1015.18	1015.14	1015.12	1015.23
	15	1015.14	1015.14	1015.11	1015.10	1015.07	1015.08	1015.10	1015.09	1015.06	1015.05	1015.05	1015.05	1015.08
	16	1015.06	1015.05	1015.04	1015.03	1015.02	1015.01	1015.02	1015.07	1015.11	1015.13	1015.14	1015.15	1015.07
	17	1015.20	1015.23	1015.23	1015.22	1015.24	1015.24	1015.23	1015.25	1015.29	1015.33	1015.35	1015.34	1015.26
	18	1015.33	1015.35	1015.38	1015.40	1015.42	1015.44	1015.46	1015.49	1015.54	1015.55	1015.55	1015.58	1015.46
	19	1015.61	1015.63	1015.65	1015.69	1015.74	1015.82	1015.87	1015.89	1015.94	1015.98	1016.02	1016.08	1015.82
	20	1016.10	1016.12	1016.15	1016.15	1016.15	1016.15	1016.11	1016.07	1016.07	1016.11	1016.16	1016.17	1016.12
	21	1016.18	1016.21	1016.22	1016.22	1016.22	1016.23	1016.24	1016.27	1016.31	1016.33	1016.32	1016.30	1016.25
	22	1016.30	1016.30	1016.31	1016.32	1016.36	1016.35	1016.31	1016.29	1016.27	1016.26	1016.24	1016.21	1016.29
	23	1016.20	1016.21	1016.21	1016.21	1016.20	1016.22	1016.22	1016.22	1016.23	1016.20	1016.15	1016.11	1016.20

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
31	0	1016.04	1016.01	1015.97	1015.97	1015.99	1016.01	1016.02	1015.99	1015.93	1015.86	1015.80	1015.75	1015.94
	1	1015.71	1015.69	1015.69	1015.67	1015.67	1015.65	1015.63	1015.60	1015.61	1015.62	1015.60	1015.60	1015.64
	2	1015.61	1015.61	1015.63	1015.69	1015.73	1015.72	1015.71	1015.74	1015.74	1015.71	1015.68	1015.68	1015.68
	3	1015.68	1015.69	1015.70	1015.70	1015.71	1015.72	1015.72	1015.75	1015.78	1015.81	1015.86	1015.91	1015.75
	4	1015.92	1015.93	1015.95	1015.97	1015.95	1015.93	1015.92	1015.92	1015.91	1015.90	1015.90	1015.91	1015.92
	5	1015.93	1015.98	1016.02	1016.03	1016.06	1016.09	1016.11	1016.13	1016.14	1016.17	1016.21	1016.26	1016.09
	6	1016.29	1016.34	1016.38	1016.35	1016.34	1016.36	1016.38	1016.41	1016.46	1016.50	1016.53	1016.55	1016.41
	7	1016.52	1016.49	1016.45	1016.39	1016.38	1016.40	1016.41	1016.40	1016.41	1016.40	1016.38	1016.40	1016.42
	8	1016.41	1016.42	1016.42	1016.39	1016.37	1016.38	1016.36	1016.34	1016.32	1016.30	1016.30	1016.28	1016.36
	9	1016.25	1016.23	1016.21	1016.20	1016.17	1016.12	1016.09	1016.08	1016.04	1016.01	1016.02	1016.02	1016.12
	10	1016.02	1016.03	1016.04	1016.06	1016.05	1016.05	1016.06	1016.02	1015.97	1015.95	1015.93	1015.96	1016.01
	11	1016.00	1016.03	1016.07	1016.07	1016.08	1016.09	1016.07	1016.09	1016.14	1016.13	1016.12	1016.17	1016.09
	12	1016.20	1016.19	1016.16	1016.13	1016.11	1016.12	1016.11	1016.09	1016.09	1016.05	1016.01	1015.99	1016.10
	13	1015.98	1015.97	1015.94	1015.92	1015.91	1015.91	1015.91	1015.87	1015.85	1015.88	1015.92	1015.93	1015.91
	14	1015.92	1015.92	1015.94	1016.00	1016.05	1016.04	1016.05	1016.05	1015.98	1015.93	1015.89	1015.85	1015.97
	15	1015.84	1015.84	1015.81	1015.80	1015.82	1015.83	1015.84	1015.83	1015.85	1015.92	1016.00	1016.04	1015.87
	16	1016.07	1016.13	1016.13	1016.09	1016.08	1016.10	1016.16	1016.25	1016.37	1016.44	1016.40	1016.35	1016.21
	17	1016.35	1016.39	1016.43	1016.50	1016.53	1016.51	1016.50	1016.51	1016.50	1016.49	1016.51	1016.51	1016.48
	18	1016.52	1016.54	1016.53	1016.53	1016.55	1016.61	1016.67	1016.71	1016.80	1016.91	1016.99	1016.96	1016.69
	19	1016.89	1016.86	1016.87	1016.85	1016.83	1016.82	1016.84	1016.87	1016.92	1016.94	1016.93	1016.93	1016.88
	20	1016.92	1016.89	1016.91	1016.97	1017.02	1017.06	1017.11	1017.14	1017.17	1017.20	1017.18	1017.17	1017.06
	21	1017.17	1017.15	1017.13	1017.06	1017.00	1016.97	1016.99	1017.05	1017.12	1017.18	1017.25	1017.33	1017.12
	22	1017.41	1017.47	1017.53	1017.57	1017.61	1017.65	1017.65	1017.66	1017.67	1017.69	1017.71	1017.67	1017.60
	23	1017.63	1017.61	1017.59	1017.54	1017.50	1017.46	1017.42	1017.40	1017.35	1017.30	1017.27	1017.26	1017.44



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