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**SVIRCO Prompt Report: May 2013**

Fabrizio Signoretti and Francesco Re

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**ISTITUTO DI ASTROFISICA E PLANETOLOGIA SPAZIALI**

**AREA DI RICERCA ROMA - TOR VERGATA**

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



## **SVIRCO Prompt Report: May 2013**

**Fabrizio Signoretti and Francesco Re**

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

### **Abstract**

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



## SVIRCO OBSERVATORY

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

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

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

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

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

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

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

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

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

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

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

## DATA PRESENTATION

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

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

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

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

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

## CONDITIONS FOR SVIRCO DATA USE

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

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

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

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

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

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



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

Rome

Italy







		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
1	0	44327	44481	44268	45136	44790	44924	44862	45124	45129	45160	44660	44933	97.450	
	1	44786	44151	45281	45181	44932	45256	45229	45711	45216	45056	44840	44848	97.944	
	2	44626	44722	45749	44739	44694	44471	45420	44954	44834	45144	44694	44495	97.591	
	3	44730	45156	44998	45254	45567	44841	44795	44378	44828	45290	45767	45075	97.979	
	4	45134	44828	44878	44775	45015	45270	44835	44841	45367	44780	45074	44753	97.774	
	5	45289	45123	45333	44750	45174	45113	45366	44645	44958	45209	45126	44955	98.044	
	6	45109	44867	45079	45047	45521	44969	44736	45442	45865	45486	45024	45867	98.402	
	7	45186	46519	45238	45236	45611	45107	45344	45133	45656	45880	45922	45078	98.926	
	8	45944	45008	45716	45432	45881	45338	45495	45728	45135	45560	45345	45540	98.965	
	9	45245	45176	45381	44895	46010	45487	45307	46216	44997	45143	45580	46377	98.910	
	10	45643	44860	45595	45561	45747	45953	45168	45455	45154	45707	45313	45784	98.932	
	11	45592	45820	45558	45289	45534	45597	45645	45315	45892	44998	45874	45765	99.103	
	12	45289	45477	45335	46003	46096	45846	46025	45527	46142	46081	45830	46138	99.630	
	13	46111	45874	45579	46273	45949	45968	45817	46283	45792	45873	46332	46275	100.053	
	14	45877	46395	45953	46185	46076	45882	46063	45705	46766	46177	45680	45933	100.156	
	15	46458	46725	45652	46233	46071	46018	46230	45367	46465	46489	45888	46529	100.415	
	16	45673	46198	46066	46006	45983	45608	45918	45177	45226	46160	46205	45797	99.671	
	17	45884	46211	45935	45841	45751	46301	46565	46278	46073	45752	45296	45794	99.972	
	18	45594	46001	46067	46587	46030	45870	45991	45621	46486	45467	45973	45584	99.898	
	19	45690	46307	45733	45777	45636	45376	45207	45319	45755	45643	45689	45120	99.170	
	20	46281	46001	45930	45129	45416	46054	45552	45288	45419	45719	45613	45194	99.232	
	21	45751	45761	45924	45629	45240	45174	45721	45990	45684	45463	45513	45419	99.173	
	22	45304	45646	45809	45747	45730	45415	45147	45513	45768	45487	45362	45141	98.955	
	23	45297	45801	45398	45819	45723	44880	45383	45168	44987	44992	45597	45015	98.591	
2	0	46018	45315	45047	45518	45086	45422	45941	45392	45004	46026	44861	44891	98.664	
	1	44866	45621	45237	45511	45510	45710	45491	45588	45394	44931	45788	45285	98.749	
	2	45385	45289	45028	45092	45749	45339	44223	45493	45404	44963	45458	45065	98.307	
	3	45337	45843	45949	45291	45049	45387	45371	45558	46022	45891	46327	45217	99.168	
	4	45105	45488	45174	45402	45545	45661	45161	45375	45669	45680	44778	45358	98.652	
	5	45101	45357	45500	44718	45330	45459	45156	45406	45013	45403	45441	45429	98.456	
	6	45569	45041	45640	45427	45835	45593	45273	45124	45430	45522	44812	46104	98.829	
	7	45550	45788	46013	44475	45385	45723	45072	45120	45420	44831	45389	45322	98.596	
	8	45293	44961	45547	45692	45343	45530	45497	45401	46280	45772	45385	45637	99.004	
	9	45725	45693	45293	46308	45311	45621	45724	45848	45398	44943	45512	45894	99.173	
	10	45554	45579	44917	45591	45833	46053	45199	45484	45782	45568	45261	46065	99.104	
	11	46399	46254	46116	45393	45692	45889	45594	46081	45513	45815	45881	45588	99.707	
	12	45849	44724	45744	45720	46491	45865	45445	45713	45989	45652	45425	45688	99.361	
	13	45600	45800	45810	45691	45419	46163	45729	45991	46088	45639	45462	46178	99.591	
	14	45569	45661	46293	46124	45802	46622	45365	45722	45726	45740	45811	45604	99.675	
	15	46158	45667	45885	45782	45427	45641	45769	45886	45360	45235	45547	46117	99.391	
	16	46177	45492	45991	46422	45650	45855	46083	45408	45743	45156	45764	45326	99.499	
	17	45920	45675	45186	45262	45662	46093	45438	45175	45589	45534	45172	45103	98.909	
	18	45350	45658	45727	45596	45604	45665	45289	45004	45795	45560	46069	45307	99.056	
	19	45531	45736	44919	45376	45170	44988	45956	45397	45778	45109	45103	45778	98.733	
	20	45103	45872	45664	45254	45882	45457	44956	45466	45380	45807	45490	45817	98.970	
	21	46247	45068	45673	45364	45226	45912	45697	46171	45271	45540	45328	45598	99.141	
	22	45914	45615	45122	45581	45621	45785	45481	45133	45785	45410	45314	45554	99.000	
	23	45321	45563	45495	44802	45906	45544	45344	45234	45267	45083	45383	44830	98.539	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
3	0	45122	45295	45417	45428	45010	45302	45209	45570	44794	45464	45700	44748	98.405
	1	45545	45972	44826	45221	45055	45145	44764	45136	45239	45654	45130	45690	98.468
	2	45275	45439	45525	45194	45223	44971	44846	44789	44908	45196	45639	45444	98.299
	3	45883	45186	45592	46076	45373	45607	45460	45134	45660	44821	45372	45429	98.869
	4	45206	45774	45296	45301	45530	45632	45561	44896	45334	44981	44923	45230	98.520
	5	45486	45300	45330	44966	46040	45259	45454	44881	45539	45389	45403	45591	98.696
	6	45629	45797	45829	45729	45478	45973	45601	45397	45434	45745	45664	46071	99.368
	7	46051	45668	45762	45450	45372	45852	45497	45491	45669	45782	45572	44347	99.036
	8	45685	45733	45827	45767	45440	45476	46193	45836	45323	45296	45856	45988	99.382
	9	46100	45745	45615	45616	45467	45740	45952	45742	46388	45966	45354	45647	99.547
	10	46383	45696	45606	45546	45490	45139	45436	45668	45610	45960	45924	45619	99.319
	11	44959	45199	45920	46159	46028	45313	45411	45635	46274	45847	45558	46111	99.381
	12	45496	45807	45834	45584	45141	45575	45272	45124	45211	45459	45361	46026	98.923
	13	45786	45712	45945	45417	45278	45485	45718	45833	45526	46036	45302	45552	99.231
	14	45685	45209	45909	45134	45636	45605	45492	45694	46094	46167	45211	45616	99.206
	15	45508	45719	45986	45251	45613	45660	45274	45195	44851	45080	45831	46031	98.943
	16	45756	45739	45968	45633	45602	45490	45390	45833	45896	45122	45395	45871	99.250
	17	45341	45573	46163	45319	46271	45755	45208	45985	45565	45131	45447	45119	99.102
	18	45732	46306	45531	45813	46073	45446	45252	45054	45453	45298	45133	46049	99.150
	19	45653	45275	44996	45049	46127	45777	45116	44688	45803	45491	45122	45416	98.674
	20	45126	45451	44122	45816	45304	45304	45311	45038	45032	45505	44855	45587	98.300
	21	45290	45232	45277	45261	45060	45871	45286	45473	45505	45274	45518	45437	98.668
	22	46348	45335	45555	45829	45319	45936	45266	45420	45122	45234	45054	44980	98.833
	23	44989	45799	45187	44956	45318	46117	45385	44760	44866	45320	45408	45299	98.472
4	0	45389	45517	45909	45757	45888	45739	45374	45425	45310	45210	45540	45740	99.088
	1	45449	45122	45640	44920	45065	45260	45430	45577	45106	44863	45318	45408	98.428
	2	45055	44655	45001	45605	45058	45426	45381	44813	45012	45505	45205	44721	98.116
	3	45171	45813	45242	45014	45879	45132	45169	45200	45617	45312	44968	45232	98.535
	4	45291	45060	45513	45642	45301	45673	45440	45470	45928	45618	45510	45433	98.921
	5	45938	45620	45646	44418	45202	45251	45503	45443	46062	45564	45419	44628	98.707
	6	45205	45270	45166	45448	45816	45332	45014	44996	45070	45435	44915	45393	98.410
	7	45354	45188	44991	45503	44905	45216	45200	45867	45155	45582	45451	45297	98.528
	8	45742	46170	45366	45645	45440	45363	45440	46166	44934	45341	45128	45491	98.984
	9	45563	45644	45082	45630	45244	44704	45382	45997	45375	45587	45160	44394	98.538
	10	46253	45407	45222	45285	45964	45410	45307	45565	45326	45353	45315	44983	98.832
	11	45109	45864	46097	45639	45649	45482	46027	45514	45522	45162	45405	46247	99.254
	12	45302	45568	46120	45329	45773	45635	45305	45157	45311	45062	45727	45148	98.841
	13	45133	45528	45519	46024	45363	45235	45338	45535	45676	46077	44920	45554	98.926
	14	46531	45222	45443	45676	45666	46318	45375	45654	45867	45342	45806	45688	99.412
	15	45074	45989	44770	45606	45717	45732	45214	45491	45369	45230	46187	45027	98.836
	16	44700	45489	44965	45717	45031	45323	45535	45909	45848	45654	45316	45650	98.786
	17	46092	45936	45897	45511	45466	45646	45626	45869	46029	45780	45213	46781	99.640
	18	45751	45569	45589	45777	45818	45930	45821	45166	45315	45955	46032	45463	99.339
	19	46120	45348	45169	45743	45897	45533	45789	45822	45324	45653	45215	45511	99.147
	20	46166	45321	45569	45672	45317	45821	46125	45825	45685	45707	45297	46425	99.473
	21	45812	45483	45800	45107	45877	45403	45263	45481	45691	45520	45650	44976	98.954
	22	45985	45135	44866	45450	45024	45309	45855	46332	45439	45668	45152	45798	98.945
	23	45276	45367	44942	45645	45521	44971	45601	45749	45445	45647	45685	45330	98.794

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
5	0	45231	45625	44921	45629	45526	45661	45513	45581	45293	45559	45466	45103	98.775
	1	45977	45400	45534	44398	45074	44993	45436	45230	46226	45270	45362	45622	98.675
	2	46066	44827	45331	45573	45681	45145	45451	45287	45845	45044	45635	45352	98.805
	3	45855	45508	45136	45569	45684	45719	45793	45647	45887	45883	45310	45846	99.276
	4	45096	46104	46193	45725	45333	45772	45512	45637	46288	45373	45912	45084	99.311
	5	46136	45439	45442	45846	45380	45351	45058	45620	45086	45543	45683	46288	99.100
	6	46068	45047	45656	45368	45405	45275	45868	46058	45923	45710	45647	45384	99.198
	7	45687	45501	45644	45719	46247	44989	45553	45458	46011	45988	45307	45994	99.323
	8	45475	46234	45826	45768	45798	45387	45733	45480	45632	45915	46119	45321	99.430
	9	45702	44972	45402	45540	45349	45894	45420	46449	45488	45885	45503	45598	99.161
	10	45331	45922	45868	45172	46306	46007	46231	45538	45917	45432	45366	45469	99.406
	11	46148	45645	45581	45528	45545	45910	45680	45593	44989	45775	45296	46035	99.256
	12	46004	45965	45453	45830	45644	45732	46107	45809	45462	45752	45338	46060	99.515
	13	45653	45643	46256	45216	45888	44963	45165	45994	45626	45641	45477	46110	99.239
	14	45608	45682	45721	45987	46135	45968	45753	46193	45662	45579	45130	45567	99.484
	15	44827	45662	45597	45420	45767	44996	45410	45836	45510	45529	45908	46600	99.135
	16	45830	45969	46250	46288	45882	45448	45738	45438	45747	45777	45837	45851	99.678
	17	45463	45643	45344	45637	45757	45678	45531	45781	45866	45671	45448	46286	99.324
	18	44958	45520	45389	45541	45724	45897	45282	45567	45734	46192	44969	45287	98.954
	19	44918	44815	45225	45257	45814	45631	45326	45313	46052	46049	45758	45686	98.915
	20	44995	45736	45525	45081	45602	45524	45695	45595	45242	45151	45465	45060	98.702
	21	45513	45462	45488	45323	45819	45010	45474	45856	45395	45565	45933	44831	98.883
	22	45745	45072	45100	44989	45226	45816	45399	45589	45518	44511	44873	45633	98.484
	23	45688	45719	45943	45728	45538	45202	45202	46081	45492	45455	45065	45359	99.028
6	0	45779	45464	45159	44989	45767	45750	45291	46092	45428	45147	45841	46197	99.093
	1	45523	45653	45091	45494	45652	45171	45753	45014	45796	45304	45106	45581	98.787
	2	44839	46203	45869	45158	45258	44908	45344	44867	45733	45094	45068	45150	98.489
	3	45376	45316	45506	45105	45311	45131	45641	44470	45491	45984	44603	45093	98.404
	4	45483	45811	45953	45877	45700	44700	44946	45105	45647	45305	44981	44884	98.652
	5	45558	44499	44555	44788	45630	44823	45258	45347	45034	45077	45590	44897	98.047
	6	45114	45244	45433	45393	45658	45790	45427	45511	45260	44847	45205	45528	98.655
	7	45218	45572	45202	45334	45676	45156	45089	44998	45091	45484	44517	44462	98.182
	8	45274	45052	45237	45459	45183	45532	45947	45531	45494	45610	44645	45926	98.742
	9	45607	46043	45468	45227	45803	45964	45772	45752	45933	45126	45522	45428	99.241
	10	45706	45556	45078	45445	45845	46050	45545	46081	45835	45894	45305	45636	99.301
	11	45904	45407	45071	45124	45414	45871	45031	46063	45331	45963	45145	45523	98.916
	12	45680	44734	45349	45634	44367	45681	45929	45950	45418	45516	45541	45380	98.794
	13	45396	45618	45617	45161	45770	45892	45160	45396	45312	45102	45576	45785	98.904
	14	45596	45319	45251	45741	45602	45437	45595	45623	45924	45044	46020	45079	98.985
	15	45346	45491	45275	45667	44813	45211	45657	44892	45579	45411	45088	45607	98.587
	16	45416	45563	45224	45103	45386	45679	45313	45153	45316	45622	45529	44958	98.628
	17	44913	46019	45421	45332	45294	45360	45665	45294	45301	45040	45237	45649	98.676
	18	45206	45610	45417	44861	44729	45093	45032	45243	44874	44965	44951	45112	98.054
	19	44989	45046	45104	45116	45080	45094	44926	44829	45087	44757	45184	45016	97.897
	20	44989	45053	44506	44772	45595	45580	45439	45172	45127	44792	45107	44751	98.016
	21	45467	44456	45374	45568	45088	45285	45214	45385	45586	45151	44934	45554	98.411
	22	44885	44850	45411	45110	45465	44751	45107	45486	45594	45322	45542	44483	98.219
	23	45652	44572	45306	44858	45132	45157	45203	44979	45474	45411	44464	45225	98.115

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
7	0	45089	44982	44895	45207	45110	45461	44724	45046	44595	44743	45482	44867	97.889	
	1	45058	45035	44500	45491	45299	44189	44758	44558	45016	44895	45163	45051	97.677	
	2	45129	44592	45468	45058	44947	44900	44965	45320	44735	44709	44463	44911	97.710	
	3	45113	45186	44933	45049	44993	45038	45277	44806	45027	45549	45471	45655	98.236	
	4	45556	45114	44885	44870	44236	44748	44835	44934	45095	44676	44854	44663	97.578	
	5	45140	45223	44940	45137	45341	44704	45451	44224	44981	44505	44553	45191	97.745	
	6	45001	44487	44571	44821	44578	44365	44070	45004	44171	44408	45047	45227	97.085	
	7	44787	44920	44835	44897	44960	45498	44933	44678	44980	45523	44944	45115	97.868	
	8	44830	45166	44891	45595	45417	44727	45053	45110	44949	44773	45105	45251	98.013	
	9	45015	45416	44845	44653	44815	45860	44516	45101	44358	45360	45016	44495	97.756	
	10	44823	44980	44960	45295	45222	45449	45007	45065	44797	45498	44544	45322	98.030	
	11	45419	44667	45155	45370	44925	44989	45185	44399	44941	45309	45362	44932	97.974	
	12	45161	45301	45471	45240	45183	44874	44883	45704	44803	44911	44985	45200	98.166	
	13	45194	45482	44944	44994	45572	44157	45563	45303	45262	45485	45612	44856	98.295	
	14	45399	45029	44942	44924	45356	45571	44927	44811	45627	45377	44163	45617	98.171	
	15	44787	45250	45382	45088	45541	45151	45536	44629	45137	44797	44893	44887	98.051	
	16	45639	45168	44506	45041	45120	44420	45840	44948	44853	45854	45160	44684	98.079	
	17	45410	45220	45165	45443	44928	45360	45415	45159	45718	44494	45324	44901	98.316	
	18	45010	45023	45089	45004	44819	44993	45172	44870	45317	44907	44956	45278	97.935	
	19	45001	45697	45673	45814	45112	45707	44902	44958	45105	45794	45050	45643	98.663	
	20	44806	45100	45198	44987	45328	45240	44713	44891	45174	45087	45213	45111	98.009	
	21	45014	44684	45047	45177	44893	45300	45245	45123	44953	44469	45464	44976	97.918	
	22	44645	45048	44385	45528	44622	45070	45357	44853	44955	45326	44518	44642	97.665	
	23	44415	44964	44991	44222	45610	45058	44827	45196	45034	45173	45414	44483	97.745	
8	0	45006	45076	44405	45019	44952	45287	44955	44704	44918	44666	45491	44954	97.749	
	1	45217	45147	44978	45030	44582	44688	44877	44830	44898	45087	44495	44588	97.569	
	2	45209	44940	44819	44728	45162	44887	44919	44196	44850	45413	45753	44857	97.807	
	3	45027	44799	45158	45367	45096	45141	44602	45351	44936	45059	44981	44722	97.899	
	4	45037	44565	44451	44687	44671	44720	44825	45094	44907	44906	44964	44555	97.381	
	5	44814	45125	44721	44706	44999	45561	45132	44984	44953	45383	44393	45526	97.909	
	6	44596	44523	44894	45122	44964	45282	45060	44497	44855	44601	44912	44690	97.493	
	7	44918	44699	44548	44240	45065	44975	45199	44921	45536	45219	45538	44561	97.750	
	8	44920	45036	45740	45028	45673	45112	45079	45246	44824	45361	44991	45094	98.237	
	9	45019	45164	44152	44452	45724	45121	44889	45348	44401	45588	44646	45305	97.821	
	10	45193	44893	45709	45913	44977	44961	45176	44585	44513	44865	44958	45265	98.038	
	11	45163	44668	44815	44917	45193	45443	45004	44906	45141	45601	44910	45036	98.000	
	12	45534	45517	45139	45125	45253	44904	45044	44886	45042	44618	45290	44757	98.057	
	13	45415	44961	44729	44867	44801	45333	45005	45569	44556	44775	45399	45375	97.998	
	14	44450	44731	44905	44976	45036	45636	45288	44708	45135	45044	44783	45139	97.825	
	15	45286	45011	45434	45107	45171	44955	44927	44889	45162	45363	45116	45849	98.267	
	16	45685	45137	44984	45018	45467	44942	44967	45605	45736	45120	45557	45296	98.493	
	17	45137	45380	45358	45221	45196	44694	45509	45151	45218	45182	44730	44805	98.142	
	18	44386	44891	45746	44722	45657	44515	45714	44482	45343	44880	44524	44491	97.739	
	19	45269	45278	44815	45343	45291	45028	44858	45438	45770	44629	44569	44724	98.040	
	20	44998	45282	45182	45320	44774	45023	45434	45025	44455	44534	45180	44657	97.831	
	21	45806	44549	44860	45254	45171	45034	45485	44947	45328	45017	45144	45032	98.151	
	22	45320	44374	45047	44794	46261	44409	45138	45109	45463	44860	45193	44718	97.980	
	23	45056	45063	44901	44671	44975	45085	45250	45804	45096	44911	44705	44756	97.905	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
9	0	45156	44702	44167	45681	45790	45245	45102	45476	44679	45051	45108	44509	97.973
	1	45091	44435	45471	45578	44894	45568	45661	45579	44716	45257	44296	45577	98.240
	2	44776	45023	45590	45064	44985	44984	45371	44854	45161	45289	44281	45095	97.941
	3	44889	45563	45165	44803	44491	44956	45545	44822	44800	44691	45484	45125	97.916
	4	44856	45185	44579	45208	44978	45162	45595	44541	45299	45649	45333	45501	98.197
	5	44619	44633	44929	45018	45829	45397	44620	45286	44567	45169	45397	45195	97.975
	6	45756	44810	44609	45394	45684	45066	44642	45189	44894	45404	44992	44815	98.083
	7	44354	44688	45267	44865	44844	45322	45323	45182	45020	44596	44716	44779	97.666
	8	45580	44568	45441	45333	45606	45044	45051	44834	44385	44268	45389	44743	97.900
	9	44930	45260	44306	45440	45045	45127	44691	45107	44710	44933	45715	45560	98.005
	10	44849	45369	44841	44783	45017	44376	45504	44919	45398	44392	44335	44426	97.531
	11	45302	44908	44878	44925	44761	44678	45664	45185	45156	45011	45305	45072	98.009
	12	45603	45498	44878	45050	45360	44882	44800	45334	45603	44750	45403	45715	98.377
	13	45137	44781	45975	44958	45332	45076	45023	44597	44682	44968	45149	45077	97.993
	14	44767	44851	45332	45316	44665	44877	44716	44858	45129	44964	45381	45185	97.863
	15	45118	45281	45109	45405	45470	45590	45434	44871	45654	45273	45953	45549	98.708
	16	45329	45354	45633	45290	45125	45094	45494	44481	45720	45454	45310	45646	98.568
	17	45240	44465	45729	44916	45157	45177	44626	45721	45178	45255	45153	45281	98.200
	18	45037	45154	45209	44541	45196	45043	44658	44893	45600	46198	45279	44397	98.074
	19	45017	45091	44962	44902	45505	45535	45535	45522	45375	45279	45279	44724	98.350
	20	45876	44713	45056	45274	45809	45285	44674	45321	45466	45345	45485	45182	98.487
	21	44939	45135	45363	45021	45880	45202	45692	44530	45578	44818	44884	45328	98.285
	22	45108	44914	45142	45763	45994	45113	44120	45447	45028	44870	45082	44879	98.120
	23	45165	44989	45524	45398	45359	44951	44661	44898	45556	45479	44861	44883	98.168
10	0	44957	44993	45121	45238	45108	45353	45108	45013	45001	44708	45348	45146	98.048
	1	45308	44644	44659	45405	45836	44725	45108	45487	44751	45381	44753	44655	97.985
	2	44927	45088	44949	45394	45759	45424	44721	45148	44533	44785	44798	45410	98.025
	3	44341	44921	45522	44732	45511	45310	44689	45478	45566	45024	45332	44951	98.105
	4	45354	44579	44567	45292	45217	44505	45191	45326	45243	45608	44635	44663	97.888
	5	45364	45331	44965	44855	44628	45078	45184	45252	45305	45022	44521	44732	97.899
	6	45698	44930	45400	44669	45534	44343	44602	44266	45367	44811	45258	44857	97.808
	7	45565	44770	45191	45210	44400	44706	44691	45425	44951	45135	45109	44593	97.810
	8	44744	44976	45109	44817	44194	45310	45158	45348	44836	45442	45351	45439	97.987
	9	45362	45139	44505	44666	44320	45513	44860	44689	44663	44805	44997	45269	97.636
	10	44880	46011	44507	45225	44945	45327	44757	45009	45333	45255	44898	45152	98.091
	11	44643	45186	45430	45122	45255	44921	45482	45137	45065	45102	44851	44224	97.931
	12	44932	44731	44505	45603	45650	44843	44888	44848	45060	45186	45392	45027	97.976
	13	45299	44980	44814	45061	45088	44548	44862	44821	45177	45277	45135	45379	97.936
	14	45130	45186	45374	45513	44790	45137	44863	44972	44880	44869	44921	45138	97.996
	15	45079	44909	44948	45621	44878	45427	45287	45404	44954	45424	45359	45426	98.348
	16	45584	45073	45255	44909	45381	45184	45526	45103	44884	45234	45957	45321	98.474
	17	44625	45003	44941	45208	45506	45871	45422	45388	45547	45332	44730	44935	98.310
	18	45873	45334	45558	45342	46031	45019	45094	45497	45253	45343	45817	45156	98.819
	19	45006	45561	46127	45232	45121	45691	44919	45165	45050	44614	45930	45429	98.552
	20	45220	45686	45029	45059	45298	45262	45125	45079	44862	45323	44830	45120	98.199
	21	44483	45086	45530	44517	44981	45323	45329	45288	44928	45307	45100	44880	97.992
	22	45676	44926	44960	45128	44787	44531	45500	45684	44982	45371	44939	45249	98.170
	23	45098	44821	44592	45039	44977	45206	45127	44875	45192	45340	45511	45025	98.002

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
11	0	45178	45333	45544	44616	45330	44418	45236	45087	45006	44607	45527	45277	98.062
	1	45053	45512	44876	45265	44873	44834	44502	45467	44578	45532	44341	45653	97.943
	2	45736	44651	44927	45208	45682	45467	45010	45550	44719	45428	45096	45248	98.349
	3	44670	44822	44510	44772	44582	44913	45589	44967	45215	44887	45577	45322	97.824
	4	45413	45662	45385	45021	45055	45705	45090	44964	45127	45175	45374	44805	98.359
	5	45493	45606	45287	44752	45072	45526	44813	44786	45458	44844	45080	45448	98.248
	6	44838	44780	45171	45237	45046	44847	45113	45025	45254	44673	45407	45177	97.959
	7	44877	45671	46055	45516	45643	45328	45260	45877	45624	45211	45315	44594	98.756
	8	45408	45289	45685	45774	44744	45263	45544	45316	45521	45357	45755	44533	98.615
	9	44893	45073	44723	45093	45229	45279	44841	45377	45780	45665	45613	45649	98.438
	10	44921	45193	45238	45706	45269	45170	45106	44953	44416	45164	45989	45561	98.343
	11	45381	45117	45191	45074	46003	45237	45310	45905	45066	45296	44709	45472	98.537
	12	44777	44913	45242	45194	45665	45122	45313	45256	45669	45432	45581	45291	98.482
	13	45095	45330	45531	45311	46045	44760	45359	45222	45009	44826	44902	45882	98.448
	14	45821	45559	45354	45158	45549	45371	44999	44719	45882	44873	45167	45396	98.553
	15	45117	46018	45513	45417	45527	45376	45681	45512	45374	44996	45725	45394	98.879
	16	45494	45747	44960	45474	45343	45303	45622	45473	45264	44978	45604	45061	98.639
	17	45608	45166	45648	44892	45467	45198	45332	45551	45388	45036	45440	45747	98.666
	18	45702	44783	45515	44674	44725	45250	45236	45146	45917	44952	45387	45046	98.278
	19	45301	45104	45088	45021	45439	45923	45520	45465	45524	44459	44864	45146	98.373
	20	44831	45293	45359	45138	45263	45238	45263	44720	45798	45261	45295	45090	98.318
	21	45083	45195	45506	45308	45213	45116	44996	45486	45003	44793	44898	45106	98.164
	22	45801	44988	44772	44264	45724	45572	45475	45196	44274	44744	45478	45173	98.121
	23	44704	45145	44822	45124	45353	44868	45749	45355	45702	44815	44502	45921	98.229
12	0	45287	44869	45269	44685	44964	45020	45668	44629	44809	44893	45396	45449	98.019
	1	45687	45335	44745	44976	45516	45240	45855	45256	45347	45612	44866	45396	98.550
	2	44969	44578	45334	45445	45650	45615	45424	45033	45013	45455	44916	44746	98.251
	3	45267	44852	46054	44846	44640	45758	45184	45272	45511	44986	45163	45779	98.456
	4	45254	45414	45084	45168	44933	44695	44474	44844	45405	45061	45088	44884	97.911
	5	45092	45440	44942	45004	45092	45026	44848	44949	45021	45159	44949	45384	98.020
	6	44769	45391	45034	45506	45560	45150	45749	45894	45241	45654	45072	45250	98.629
	7	45142	45453	44924	45180	44887	45231	45224	45330	44908	45155	44505	45210	98.064
	8	45407	44883	45201	45316	45754	45469	45672	45076	45250	45250	45154	45383	98.547
	9	45407	45126	45634	45666	45629	45247	44803	45194	45213	45246	45893	45621	98.704
	10	44749	45675	44965	46039	45519	45786	45556	45611	45646	45827	45606	45706	99.067
	11	45540	45399	45953	45947	45582	45842	45525	45405	45145	45476	45396	45545	99.080
	12	46038	45690	45560	45578	46159	45442	45276	46410	45233	45575	44932	45437	99.184
	13	45664	45026	45423	45604	45158	45299	45597	45922	45377	45519	45644	45338	98.865
	14	45603	45746	45787	45630	45984	45151	45609	45354	45508	45177	45679	45540	99.082
	15	45826	45539	45514	45673	45362	45151	45871	45025	45206	45158	45156	45824	98.817
	16	45553	45355	45755	45380	45625	45175	45367	45572	45768	45473	45435	45192	98.880
	17	45833	45644	45349	45968	45013	45665	45795	44715	45376	45430	45416	44982	98.796
	18	44964	45557	45149	45349	45290	44934	45283	44766	44683	45275	45799	44986	98.225
	19	45302	44780	44839	44973	45300	45261	44784	45027	45539	45138	45295	44709	98.027
	20	45330	45024	45605	45496	44965	45115	44691	45178	44730	45355	45154	45105	98.173
	21	45249	45299	45834	44592	45118	45210	45313	44368	45568	44827	44964	45177	98.131
	22	45625	45136	44843	45402	45170	45029	44957	45528	44577	44839	44961	44915	98.034
	23	44860	45394	45211	44729	45410	45076	45554	45471	45481	45715	45058	45351	98.455

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
13	0	44811	45274	45034	45076	44465	45314	44780	44807	45032	45534	45182	45245	97.959	
	1	45665	45357	44856	45081	44971	44936	45413	45135	45740	45296	45188	45001	98.334	
	2	45589	45270	45071	45269	44717	45619	45534	44964	45076	44656	45173	45012	98.209	
	3	45032	45213	45524	45518	46019	45278	45676	45243	45183	45215	45100	44964	98.574	
	4	45298	45057	45394	44562	44827	45608	45124	45025	44902	45268	44934	45594	98.144	
	5	45009	45243	45419	45032	45606	45325	45711	45596	45245	44998	45255	45736	98.612	
	6	44950	45305	45559	44802	45724	44689	45398	45046	44731	45184	45254	45135	98.178	
	7	45285	45392	45694	45375	46068	45362	46138	45404	45703	45603	45870	45945	99.276	
	8	45432	45782	46141	45012	45345	45545	44784	45182	45768	44884	45394	45313	98.686	
	9	45323	45895	45497	45979	45595	45889	45650	45277	45506	44927	45437	45206	98.976	
	10	45338	45104	45112	45411	45623	45685	45663	45587	45507	46173	45279	45483	98.937	
	11	44888	45472	45572	45524	45645	46138	45255	45658	45570	45490	45110	45877	98.979	
	12	44670	45218	45569	45554	45656	45479	45363	45029	44744	44892	45244	45740	98.428	
	13	45060	45606	45394	45075	44903	45800	45655	44860	45759	45854	44816	45389	98.612	
	14	44979	45417	45172	44695	45572	45280	45226	45310	45363	45810	44981	44676	98.305	
	15	45815	45113	45412	44787	45023	45195	44609	44959	45556	45859	45034	45531	98.380	
	16	45391	45003	44781	44217	44812	44666	44910	45206	45621	44691	45014	45781	97.873	
	17	45086	45006	44665	45683	45202	44362	45097	45131	45266	44777	44991	45037	97.910	
	18	44810	44687	45046	44767	45464	45849	45072	44330	44870	45445	44900	45234	97.942	
	19	44579	44417	45284	45093	44872	45387	45278	44473	45118	45004	45010	44833	97.737	
	20	44531	44814	44749	44882	45049	44657	44771	45924	44902	45215	45602	45073	97.886	
	21	44577	45609	44935	44834	45045	44828	45179	44941	44879	44789	45345	45194	97.884	
	22	44845	44553	44858	45106	44913	45023	45409	44718	44601	44576	45004	44772	97.562	
	23	45067	44906	44382	45399	45510	45226	44995	45106	44936	45465	44639	45322	98.028	
14	0	44843	45010	44969	44868	45162	44875	45518	45363	44786	45315	45107	45356	98.065	
	1	45455	45158	45149	44835	45043	45316	44451	44921	44959	45427	44934	45875	98.132	
	2	45061	45450	45563	44882	44730	44771	45543	44684	45335	45143	45668	44856	98.161	
	3	45389	45492	45052	45072	45018	45074	44831	44838	45434	44693	45123	45257	98.087	
	4	44776	45385	44817	45612	45013	45065	44686	44967	45310	45706	45333	45611	98.269	
	5	45370	45549	45482	45197	44935	44814	45340	45114	44925	45079	45047	45332	98.251	
	6	45402	45240	44884	44954	45019	45902	45169	44558	45430	45092	44976	44984	98.147	
	7	45518	45353	45152	45062	44902	45441	45144	44703	45677	45624	45216	44946	98.352	
	8	45265	45315	44817	44911	45013	44711	45222	45610	45012	45707	44947	45143	98.159	
	9	45602	45462	44532	44523	45461	44839	44841	45101	44999	46344	45270	45169	98.244	
	10	44748	45695	44892	45334	44897	44944	44988	45664	45297	44755	44546	45756	98.131	
	11	45770	45715	45440	44762	45250	45574	45523	45209	45744	45391	44934	45315	98.694	
	12	45439	45382	45489	45150	45711	45032	45070	44817	45228	45423	45427	44910	98.413	
	13	45169	44886	45041	44774	45629	45194	44455	44954	45618	45344	45646	45547	98.265	
	14	44582	45243	45236	45136	45235	45199	45455	45633	45049	45331	44490	45393	98.215	
	15	44960	44887	44914	45402	44622	44975	45064	45667	45055	44492	44888	45069	97.855	
	16	44857	44704	44948	44911	45432	45235	45466	45392	45318	44968	44565	45033	98.006	
	17	44908	45739	45304	44788	44483	45039	45485	45653	45136	45400	44895	45227	98.228	
	18	45103	44289	45211	44916	45042	44887	44909	45240	44678	45229	44709	44608	97.642	
	19	44812	44886	45119	45033	45134	44808	45100	45196	44548	45368	44606	44969	97.779	
	20	44898	45252	45247	45228	45356	45710	45290	45301	45042	45929	44949	45197	98.471	
	21	45635	45642	45313	45082	44976	45435	44727	45169	45209	45520	45215	45070	98.398	
	22	45578	44916	45436	45662	44699	45077	44799	44761	45649	45250	45008	45348	98.251	
	23	45201	44900	45604	45516	44916	45004	45355	45528	45449	44780	45129	45230	98.329	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
15	0	44920	46005	44776	44695	45295	44969	44838	45230	46071	45485	45294	44541	98.231
	1	45515	45367	44964	44977	45633	44991	44611	44240	45100	45376	44896	45257	98.023
	2	44812	44774	45537	45265	44630	44784	46264	44995	44641	44780	45044	45460	98.034
	3	45023	45008	44799	45653	45167	44920	44571	45183	45433	44578	44905	45155	97.927
	4	44759	44735	44541	44627	45049	44921	44588	45110	45240	45592	44377	44688	97.534
	5	44792	44664	44876	44477	44657	45340	44822	45058	44592	44647	45377	45038	97.555
	6	44800	45021	44519	44761	44593	45255	44745	44835	45014	44981	44931	44724	97.526
	7	45028	44689	45139	44584	44787	45088	44292	45043	45278	44451	44853	45070	97.548
	8	44973	44529	45139	44836	44915	45446	45175	45451	45250	45061	45484	45013	98.086
	9	45079	45193	45413	44884	44681	45673	45009	45475	44572	45554	44631	45612	98.177
	10	44734	44823	45485	45252	44933	44868	44960	44117	44350	44606	45063	45259	97.575
	11	45113	45020	44861	45189	44935	44506	44677	44615	45146	45247	45362	45202	97.833
	12	44747	44640	45248	45040	45388	45805	45138	44650	44814	45020	44408	44791	97.799
	13	44516	44885	45228	44683	44692	44807	45099	45393	44507	44878	44985	45060	97.626
	14	44852	44603	44342	44665	44838	44712	44836	45557	44808	44996	44891	45521	97.606
	15	44709	44522	44155	44493	45678	44862	45558	44700	45173	44922	44796	45203	97.633
	16	45333	45461	44812	45047	44878	45102	45016	45519	45083	44859	44977	44618	97.983
	17	44889	44767	45147	44622	44666	44775	44654	45068	44761	44660	45233	44603	97.465
	18	44569	45295	44267	45130	44719	44935	44442	44917	45066	44609	45642	45071	97.613
	19	45309	44811	45098	45282	45558	44932	44806	44603	44417	44699	45019	44221	97.630
	20	44546	44514	44460	44235	45091	45141	45232	44844	44588	44824	44322	45338	97.337
	21	44832	44866	44574	44951	44262	45494	44834	44567	45053	44611	45472	44446	97.487
	22	44878	45393	44912	44662	44609	44707	45273	44920	45343	44708	45073	44165	97.610
	23	44532	44712	45319	44765	44823	44744	45136	44737	44427	44693	44665	44510	97.323
16	0	44756	44808	44586	45145	44930	45033	44842	45264	44713	44777	45324	44960	97.692
	1	44378	44541	44539	44780	44926	44993	45729	44240	44946	45464	44819	45019	97.562
	2	44556	44760	44905	44963	45082	45051	45150	45031	44579	44474	44573	45231	97.558
	3	44398	44768	44882	43974	44570	44381	45123	44391	45212	44070	44261	44807	96.921
	4	44228	44530	44992	44213	43927	44019	43891	44383	45127	43670	43920	44345	96.271
	5	44778	44453	45340	44750	44842	44469	44069	44782	45098	44813	44799	44595	97.274
	6	44134	45153	44564	44673	44359	43880	44146	44290	43774	45109	44635	44192	96.571
	7	44167	44210	44455	44763	44414	44613	44743	44877	44543	44317	44658	44197	96.761
	8	44275	44293	44337	44554	44113	45141	44143	44569	44231	44333	44737	44096	96.555
	9	44632	44623	43969	44377	44002	44515	44943	44416	44376	44806	44329	44329	96.645
	10	44445	44508	44121	44540	44023	44363	44399	44695	44611	44019	44327	44504	96.507
	11	45174	45069	44879	44573	44424	44760	44929	44341	44486	44345	44475	44716	97.161
	12	44425	44726	43998	44246	44006	44225	44414	44027	45159	44772	44400	45040	96.667
	13	44131	44533	44455	44623	44200	44457	44512	44483	44584	44509	44736	44673	96.750
	14	44132	44244	44312	44019	44859	43954	44635	44376	44014	44405	44690	44309	96.396
	15	44268	44606	44447	44615	44677	44363	44045	44458	44728	44001	44772	44384	96.653
	16	45021	44315	44503	43943	44183	44931	43842	44889	45497	44693	44614	44340	96.908
	17	43954	45032	44285	44181	44379	44645	44515	44719	43935	44474	44628	44889	96.702
	18	44209	44511	44815	44295	44348	44648	44368	43798	44907	44732	44572	44003	96.624
	19	44966	44564	44226	44438	44600	44119	44167	44495	44295	44453	44498	44178	96.587
	20	44033	44710	44587	44442	43940	44245	44794	45251	44076	44402	44467	44649	96.695
	21	44508	44732	44791	44368	43956	44099	44707	44758	44941	44546	44279	44399	96.784
	22	44824	44633	44616	44519	43850	44558	44973	44862	44567	44868	45298	44147	97.079
	23	44574	44494	44957	44646	45292	44317	44183	44722	44866	44575	44718	44151	97.039



		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64		
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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
17	0	44466	44165	44704	44302	44288	44349	43933	44132	44119	44289	44493	44310	96.326	
	1	44855	44499	44402	44481	44065	43896	43926	43987	44857	44279	44354	44458	96.417	
	2	44296	43977	44614	44943	44268	44414	44304	44074	44151	44259	44293	43841	96.303	
	3	44458	44533	44430	45057	44260	44519	44378	44963	44715	44564	44313	44128	96.826	
	4	44576	44275	44501	44381	43801	44289	44459	44292	44551	44694	44632	44490	96.577	
	5	44626	43830	44593	44492	44915	44330	44282	44574	44670	44506	43992	44946	96.724	
	6	44101	44506	44649	43942	44831	44356	44182	44234	44511	44669	44917	44230	96.611	
	7	44611	44259	44723	44354	44301	44937	44388	45390	44570	44432	44153	44036	96.797	
	8	44213	44779	44637	44513	44794	44139	44513	44585	44556	44198	44944	44348	96.809	
	9	44951	44210	44573	44768	44164	44381	45067	44834	43881	44638	45109	44270	96.922	
	10	44277	44559	44006	45164	44816	44430	44445	44637	44420	44063	44773	45049	96.884	
	11	44090	44840	44891	44669	44467	44877	44531	44196	44237	44256	44856	44656	96.871	
	12	44828	44811	44958	44779	45009	44706	44685	44615	44768	44782	44879	44371	97.347	
	13	44686	45016	44796	44865	44292	44728	44535	44664	44901	44647	44923	44309	97.197	
	14	44578	43767	43900	44875	44259	44825	44218	44459	44542	43780	44426	44833	96.490	
	15	44373	44478	44232	44715	45204	44252	44362	45092	44914	44761	44406	44881	97.071	
	16	44283	44516	44633	44502	44638	44667	43996	44057	44411	44563	44450	44082	96.551	
	17	44746	44626	44548	45052	44267	44412	44145	44941	44358	44314	43954	44613	96.764	
	18	43920	44567	44416	44471	44646	44664	44758	43771	44456	44631	44348	44407	96.597	
	19	44690	44405	44443	44024	44394	44585	44448	44659	44382	43894	44364	43839	96.429	
	20	44578	44488	44004	44435	44589	44567	44104	43859	44371	44056	44630	44358	96.413	
	21	44665	44349	44353	44140	44384	44417	44908	44008	43924	44219	44493	44379	96.449	
	22	44653	44715	44898	43624	44386	44610	44819	44002	44380	43831	43594	44605	96.428	
	23	44844	44843	44443	43894	44491	44697	44188	44090	44522	45061	44954	44022	96.777	
18	0	44123	44428	43979	44999	44834	44949	44447	44310	44751	44988	44514	44128	96.852	
	1	44771	44785	44226	44775	44614	44127	44714	44878	44700	44350	44305	44064	96.825	
	2	44784	44696	43950	44152	44914	44812	43797	44296	44861	44715	44516	44368	96.743	
	3	44128	44334	44818	43910	45039	44783	44296	44383	45038	44318	44518	44673	96.811	
	4	45393	44340	45127	44236	44089	45003	44413	44104	44510	44561	44370	44489	96.884	
	5	44442	43822	44693	44668	44521	44006	44605	44595	44655	44369	44336	45419	96.792	
	6	44267	44740	44536	44415	44921	44476	44556	44606	44246	44404	44581	44620	96.835	
	7	45005	45113	44528	44459	44120	44312	44479	44013	44351	44406	44073	44184	96.595	
	8	44847	44031	44273	44267	44662	44618	43979	44754	44727	44230	43983	44420	96.549	
	9	43659	44185	44859	44733	44066	44472	44384	44279	44382	43628	44164	44292	96.243	
	10	44589	43830	43916	44638	44310	44262	44278	44431	44101	44547	44327	44732	96.399	
	11	44126	44664	44545	44553	44244	44586	44262	44148	45147	43904	44233	44203	96.517	
	12	44572	44493	44085	43587	43955	44160	43929	43828	44128	43983	44385	44542	95.980	
	13	44806	45150	44391	43796	44213	43988	44095	43862	43454	43923	44239	43988	96.025	
	14	44760	44484	44251	44468	43922	44382	44025	44398	44257	44814	43777	44198	96.358	
	15	44292	43771	44176	43830	44327	44284	44401	44670	44230	44717	43865	43951	96.137	
	16	43643	43847	43838	44112	44302	43842	44450	43795	44488	43591	44192	44255	95.746	
	17	43967	44306	44030	44185	43647	44453	43653	43811	44263	43942	44482	43663	95.755	
	18	43891	44189	44039	43929	44007	44202	43887	44148	43777	44276	44058	44670	95.875	
	19	44281	43467	43984	43648	43598	44077	43873	43632	43831	43961	43888	43905	95.345	
	20	44388	43733	44253	44452	43916	43883	44241	44290	44030	44421	44120	44182	96.027	
	21	43916	43623	44473	44002	43752	44321	43720	44240	43891	43877	44385	43960	95.710	
	22	43591	44164	43826	44313	44320	43910	43890	44369	43709	44448	43959	44463	95.855	
	23	43930	44123	44442	44592	43957	44180	44590	43942	44080	44705	43972	44347	96.199	

		S.V.I.R.CO. Observatory - Pressure Corrected Data - May 2013											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
19	0	43936	44132	44223	44007	44835	44503	43407	44057	44526	44469	43640	43969	95.991	
	1	43916	44270	43969	44036	43703	44102	43757	43994	43820	44378	43866	44430	95.725	
	2	44132	44450	44546	43653	44455	44499	44269	44088	44135	43734	44712	43738	96.118	
	3	43991	44007	44164	44349	44062	43529	44006	44559	43664	44565	44246	44336	95.948	
	4	43776	43561	43879	43830	43542	44690	44224	44572	43796	43805	45035	44616	95.921	
	5	43847	43600	43907	44837	44249	43396	44069	44160	44130	43936	44687	44385	95.898	
	6	44467	44609	43965	43904	44184	43546	44450	43906	44216	44495	44312	45069	96.247	
	7	44017	44272	44653	43674	45005	44592	44060	44326	44340	44202	44213	44738	96.422	
	8	43929	45031	43779	44648	44862	44049	43913	44866	44781	44792	44772	44205	96.701	
	9	44455	44263	43836	44282	44110	44003	44359	44395	44378	43955	44954	44524	96.318	
	10	44724	44115	44316	44650	44767	44513	44523	44575	44615	44692	44539	44240	96.817	
	11	45147	43987	43849	44316	44212	44156	44411	44046	43739	43892	44474	44487	96.173	
	12	44806	45158	44419	44031	44301	44635	44553	44176	44518	45081	44467	44401	96.867	
	13	44942	44174	44806	44749	44682	44443	45049	44260	44443	44524	44956	44288	97.007	
	14	43585	44765	44731	44033	44771	44262	44482	44659	44504	44482	44595	44636	96.678	
	15	43746	44389	44609	44336	44726	44622	44600	44799	44538	44465	43989	44082	96.569	
	16	44735	44150	44811	44020	45068	44084	43883	44377	44200	43740	45031	44210	96.462	
	17	44270	44540	44270	43952	44274	44446	44590	43782	44062	44497	44104	44719	96.316	
	18	44557	44338	44650	44674	44552	44661	44089	44038	44316	43820	44367	43896	96.399	
	19	43901	43488	44002	44942	44429	44515	44293	44324	43811	44091	44175	44939	96.208	
	20	44068	44441	44048	44666	43571	45160	44178	43288	43598	44266	44489	44673	96.125	
	21	44273	45209	44270	44493	44519	44197	44449	44372	44615	44772	44062	44686	96.753	
	22	44110	44404	44437	43536	44382	44049	44599	44185	44188	44023	44147	43759	96.011	
	23	43996	44107	44496	44284	44595	44128	44249	43803	44570	44102	43886	43993	96.081	
20	0	43472	44046	43960	44178	44072	44253	44380	44348	44355	44433	45065	44017	96.154	
	1	44092	44594	44189	44595	43840	44585	44828	44225	43716	44597	44553	43595	96.299	
	2	44746	44149	44301	44353	44452	44192	44188	44466	44680	44082	44612	44093	96.463	
	3	43664	43611	43493	44318	44144	44195	44220	44430	44224	43679	43655	43886	95.594	
	4	44340	44393	43864	43653	44256	43752	43740	44457	44562	44186	44310	43950	95.946	
	5	44165	44090	44149	44401	44089	43916	44210	43974	43945	44333	44185	44433	96.024	
	6	44337	43335	44011	44134	43712	44236	44131	43752	44522	44383	44390	43701	95.798	
	7	44629	44112	44318	44700	44448	44316	43716	44007	44296	44299	44589	44371	96.370	
	8	44065	44062	43997	43804	44146	44493	44066	44136	44051	43766	44343	43896	95.830	
	9	44164	44411	44176	43710	44069	44147	44077	43946	43870	43502	43754	44151	95.677	
	10	44312	44265	44064	44187	43811	43565	44466	44264	44349	44245	44108	44082	95.992	
	11	44484	43981	44198	44262	44184	44549	43583	43518	43664	44192	44781	43827	95.903	
	12	44128	44154	44320	44428	44004	44413	44087	44139	43733	44180	44319	44765	96.165	
	13	44224	44328	44500	44837	44666	43870	44121	44498	43997	44425	44813	44052	96.466	
	14	43600	44073	44212	43723	44011	44532	44540	44259	43986	44637	44223	44096	96.024	
	15	43646	44068	44384	44414	44176	43700	44039	43977	44394	44437	44901	44254	96.114	
	16	44798	45062	44796	44400	44391	44147	44197	44258	44229	43751	44343	43820	96.441	
	17	43904	45097	44678	44267	44271	44107	44053	44468	44592	44537	44569	44366	96.571	
	18	44209	44342	44518	44122	44290	44398	44746	43918	44483	44390	44158	44223	96.369	
	19	44606	44543	44802	44157	44583	44442	44119	44367	43894	44191	44188	44438	96.466	
	20	44268	44654	44696	44981	44283	43955	44842	44090	44172	44248	43952	44406	96.505	
	21	45116	44288	44664	45207	44387	43356	43743	45003	44827	44621	44555	44095	96.743	
	22	44381	44861	43617	44586	44083	44192	44404	44946	44459	44434	44963	44810	96.721	
	23	45056	44812	44824	44100	44588	44448	44284	43771	44534	44418	44141	44719	96.713	

		S.V.I.R.CO. Observatory - Pressure Corrected Data - May 2013											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
21	0	44622	44493	43825	45005	45269	44932	44669	44323	44695	44498	44430	44443	96.984	
	1	44650	43854	44622	43979	44731	44317	44674	44237	43889	44996	44289	44545	96.548	
	2	43984	44723	44216	44076	44074	45229	44796	44607	44591	44027	44196	44597	96.608	
	3	44610	44534	44857	44224	44458	44278	44428	44330	44368	44413	44383	44764	96.705	
	4	43704	43872	43910	44445	44318	44251	44502	44210	44402	44822	44345	44883	96.346	
	5	44038	44588	44178	44067	44311	44637	44783	44230	44479	44256	44089	43795	96.306	
	6	44566	44507	44700	43677	44618	44163	44122	44420	44429	44041	44500	44601	96.468	
	7	44193	44122	44239	44109	43962	44268	44360	44267	44715	44359	44421	44939	96.398	
	8	44295	44494	44436	44306	43864	44433	44178	44298	44475	44001	44283	43842	96.207	
	9	43996	44685	44460	44387	44333	43983	43536	44598	44021	43198	44976	44029	96.080	
	10	43663	43786	44288	44421	44734	44424	43479	44465	44493	44012	43990	44611	96.110	
	11	44260	44034	44407	44345	44703	43755	44227	44276	45247	44214	44485	44417	96.473	
	12	44511	44508	44640	44265	44129	44588	43958	44519	44107	44600	44093	44013	96.393	
	13	44965	43946	44002	44010	43983	44890	44940	44562	44222	44712	44417	44517	96.618	
	14	44293	44058	44317	43865	44247	44310	45109	44365	44929	44300	43939	43927	96.344	
	15	44816	44575	44577	44769	44451	44157	44144	43931	43660	44790	43794	44029	96.350	
	16	43926	43879	44433	44394	44157	43874	44762	43773	44334	43488	44798	44561	96.113	
	17	43664	43896	44328	44538	43742	44260	43782	44154	44470	44119	44112	43813	95.840	
	18	43958	43721	44295	44201	43849	43829	44039	43302	43892	44043	44179	44117	95.577	
	19	44323	44100	44017	44130	44742	44712	43647	43799	43737	44003	44070	43893	95.894	
	20	44117	44080	44042	44584	44152	43357	44543	44203	43899	44498	44620	44085	96.076	
	21	44744	43862	43887	44286	43848	43727	44518	44285	44251	43849	43778	44021	95.872	
	22	44285	43707	43962	44244	44384	44193	44100	43842	44140	44284	44360	44609	96.064	
	23	44177	43703	44216	43767	43664	44593	43861	44290	44403	44256	44531	43931	95.934	
22	0	44065	44210	44274	44020	44025	44461	44378	43566	44657	43869	43917	44065	95.947	
	1	44125	45030	44348	44496	44633	45012	44027	44117	44013	44481	44300	45099	96.710	
	2	44036	44679	44266	44947	43978	44316	43967	43883	44733	44571	44204	43684	96.272	
	3	44212	44334	44298	44160	44226	44508	44566	43994	43745	44226	44290	45087	96.342	
	4	43619	44198	44286	45127	44832	44024	44933	43867	44272	44474	43973	44521	96.429	
	5	44425	44859	44887	43771	44181	43929	44865	43932	44363	44478	44759	44170	96.518	
	6	43885	44378	44208	44626	43941	44899	44241	44458	44390	44136	44144	44500	96.372	
	7	44006	44193	43963	44492	44456	44442	44171	44384	43772	44455	44161	43986	96.131	
	8	43371	44467	44359	44661	44201	43789	43885	44324	44515	43943	43523	44486	95.957	
	9	44774	44511	43925	44586	44268	45111	44269	44880	44756	43899	44096	44291	96.653	
	10	44883	44391	44752	44184	44575	44230	44345	44331	44632	44400	44196	44387	96.643	
	11	44948	44268	44220	44345	44488	44426	44413	44289	44060	43737	44677	44379	96.452	
	12	43739	44596	44084	44724	44702	44670	43931	43515	44473	44662	44812	44421	96.467	
	13	44208	44481	44197	44160	44289	44584	44852	44921	43855	44221	44307	44655	96.538	
	14	45019	44236	44664	43830	44400	44279	44256	44179	43985	44250	43657	44190	96.214	
	15	44421	43853	44104	44608	44812	44705	44143	44068	44313	43991	44553	44229	96.370	
	16	44089	44609	44813	44243	44198	44522	44138	44513	44713	44099	44645	44755	96.649	
	17	44116	44319	44477	44883	43993	44108	44725	45018	44242	44375	44370	44082	96.535	
	18	44414	44258	44255	44266	44786	44478	44819	44210	44568	44741	43691	44283	96.546	
	19	44459	44534	44268	44346	44405	44409	43888	44229	44443	43902	44694	43887	96.309	
	20	44956	44518	45010	44583	44272	44841	44792	44556	44198	44426	44706	44417	97.001	
	21	44296	44266	44147	44313	44141	44540	44891	44637	44445	44482	44438	44052	96.523	
	22	44518	44733	44314	44509	44153	44037	43968	44014	44975	43821	43760	44542	96.287	
	23	43799	44355	44312	44192	44531	44505	43514	44456	44337	44704	44261	44001	96.219	

		S.V.I.R.CO. Observatory - Pressure Corrected Data - May 2013											20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
23	0	44382	43892	44983	44275	43761	44455	44472	44267	44794	43711	44031	43595	96.151
	1	44243	43913	44648	43864	44276	44217	44445	43683	44240	44430	44058	43942	96.036
	2	44438	44131	44042	44210	44531	43572	44219	43991	44366	44311	44419	43737	96.038
	3	44325	44285	43738	44165	44782	44626	44238	43927	44094	43930	44330	44108	96.143
	4	43998	44545	44462	44134	43878	44294	44009	44070	43764	44366	43648	43597	95.820
	5	44352	44205	44758	44510	43980	44370	44550	44056	44274	44144	43844	44295	96.286
	6	43835	44098	44656	44123	44719	44228	44506	44069	44393	44170	43979	44006	96.185
	7	44240	44488	44183	43727	44329	44134	44417	44594	44255	43869	44043	44097	96.111
	8	43968	44238	44608	43703	44105	44154	44086	44374	43718	44471	44462	44357	96.087
	9	43700	44334	44394	43859	43598	44376	43803	44362	44478	43935	44385	44175	95.935
	10	44135	44102	44398	43740	44153	44760	44136	43792	44055	44221	45078	44353	96.211
	11	44102	44013	43992	44624	44147	44570	44064	43563	44146	44340	43937	43750	95.908
	12	44907	44076	43878	45122	44078	44565	43777	44377	44003	43795	43971	44355	96.208
	13	44121	44261	44214	44855	44606	44323	44863	43840	44493	44338	44137	44085	96.431
	14	43799	44521	44568	44655	44028	44944	43752	44368	44298	44347	44534	44178	96.405
	15	44641	44237	44155	44137	44323	43909	44411	44476	43953	43845	44196	43989	96.093
	16	44582	44779	44497	44177	44640	44618	44191	43904	44470	44562	44475	44459	96.651
	17	44057	44331	44145	44361	44398	44603	44867	44810	43927	44705	44483	44443	96.610
	18	44339	43682	44131	45255	44633	44317	44249	44713	44262	44960	44678	45120	96.830
	19	44769	44402	44614	44378	44088	45053	44450	44724	44557	44870	44764	44822	97.038
	20	43998	44429	44678	44639	44287	43966	44186	44628	44726	44394	44146	44907	96.585
	21	44239	44214	44330	44408	44567	44116	44291	44906	44438	43717	45102	44125	96.488
	22	43905	44645	44001	44934	44275	44366	44445	44178	44218	44187	44176	44559	96.386
	23	44736	44437	44350	44302	44787	44135	44284	44093	44377	44531	44094	44413	96.503
24	0	44240	44441	44233	44505	44028	44453	43952	44173	44715	44043	43742	44555	96.234
	1	44160	43819	44340	44144	44179	44235	43891	43831	44654	44250	43685	43997	95.896
	2	44282	43803	44078	44243	43907	43840	44067	43893	44065	43996	44162	44212	95.781
	3	44312	44336	43969	44409	43732	43685	43882	44002	43995	43908	44110	44183	95.776
	4	43823	44241	43898	43539	43634	44076	43925	44255	44563	43942	44178	44158	95.723
	5	44303	44257	44052	44179	43850	43865	43880	44489	43890	43950	44793	44546	96.053
	6	43825	44109	44202	44339	44090	44059	44063	43938	44294	44179	44294	44523	96.028
	7	43464	44037	44084	44250	44021	43996	43602	43910	44436	44271	44469	44527	95.874
	8	44756	44445	44106	44877	44568	44513	44512	44918	44389	44421	44247	44818	96.872
	9	44513	44343	44253	44047	44297	43992	44129	43968	44078	44283	44291	44625	96.192
	10	44335	44303	44522	44834	44885	44375	44192	44256	44490	43616	45125	45134	96.780
	11	45090	44937	44870	44714	44517	44556	45045	43900	44482	44201	44451	44298	96.961
	12	44142	44917	44354	44563	44538	44693	44784	44270	45560	44199	44651	44701	97.017
	13	44605	44640	44551	44848	44888	45121	44840	44366	44833	44546	44387	44198	97.099
	14	45034	44919	44657	44356	45064	44779	44375	44885	44875	44660	44465	44788	97.286
	15	44691	44622	44132	45025	44987	44727	44783	44712	44361	44931	44552	45003	97.226
	16	44095	44546	44902	44381	44680	44682	44925	45005	44989	44693	45298	44905	97.330
	17	44941	44020	45014	44372	44281	45069	44611	45528	44628	44505	44489	44879	97.192
	18	44596	44238	44320	44262	44550	44343	45036	44931	44058	44849	44647	45267	96.967
	19	44492	45056	43957	45182	44850	43907	44706	44805	44284	44571	44854	44058	96.900
	20	44429	44936	44489	44182	44046	44857	44445	44982	43752	44329	43956	44850	96.633
	21	44296	44071	44403	44138	44592	44721	44949	43570	44441	44413	44378	44092	96.417
	22	44185	44713	44202	44258	44027	44011	44124	44066	44153	44622	44617	44455	96.304
	23	44084	44262	44083	44119	44029	44123	44576	44456	44224	44376	44083	44273	96.168

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64	
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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
25	0	44397	44049	44285	43912	44239	44535	44822	44264	44191	43944	43817	44341	96.180
	1	44409	43608	44532	44629	44657	44243	44392	44481	44151	44479	44759	44525	96.563
	2	44328	43698	44489	44894	44687	44310	44842	44674	44914	44247	44662	44622	96.835
	3	44577	44461	44508	44094	43894	44714	44786	45118	44241	44621	44392	44243	96.705
	4	44652	44384	44629	44183	44655	44157	44416	44245	44331	44535	44424	44774	96.657
	5	44330	43673	44172	44335	44551	43984	44748	44683	44068	43984	44512	44570	96.335
	6	44807	44103	44240	44909	44485	44086	44174	44189	44446	44216	44335	44339	96.465
	7	44371	44474	44779	44483	44375	44528	44369	44563	44772	44490	44670	43936	96.734
	8	44093	44608	44622	44616	43985	44776	44233	44785	44702	44889	44351	43810	96.672
	9	44276	45069	44133	44108	44330	44281	44788	44723	44902	44510	44232	44469	96.736
	10	43973	43904	44026	44772	44570	44888	43236	44571	43851	44068	44323	44073	96.090
	11	44716	44424	44072	44162	44651	43924	44713	44266	44516	44357	43706	44055	96.327
	12	44496	44430	43885	43828	44603	44868	44491	43989	44642	44037	44266	44216	96.360
	13	44124	44179	44555	44412	43604	44181	45038	44105	43993	44574	44641	44420	96.374
	14	44405	43874	44159	44837	44675	44542	44350	44268	44429	43520	44378	44720	96.434
	15	44233	43985	43758	44012	44097	43748	43757	44014	44001	43889	44135	44330	95.674
	16	44401	44596	44396	43915	44391	44416	43724	44291	44624	44402	44365	44577	96.424
	17	44169	44756	44229	44637	44561	44272	43928	44909	44935	44439	44476	44160	96.673
	18	43987	44444	44598	44442	44989	44277	44301	44751	44249	44305	44776	44108	96.628
	19	44652	44364	44811	44259	45002	44251	44232	44167	44726	44391	44429	44356	96.703
	20	44783	44104	44363	44578	44491	44529	44012	43926	44520	44200	44605	44412	96.501
	21	44348	44091	44290	44336	44405	44330	43684	43756	44157	44117	43771	43860	95.888
	22	44314	44543	44065	44477	43983	44024	44566	44159	44024	43831	43558	44991	96.140
	23	44102	44065	44229	44334	44154	43940	44014	43893	44427	44201	43649	44177	95.896
26	0	43424	44294	44368	43745	44101	44624	43384	43812	43965	44425	43648	43799	95.603
	1	43775	43715	44326	43539	43524	43297	43865	44293	43811	44082	44042	44043	95.375
	2	43714	43559	43825	43763	43724	43890	43298	44246	44011	43794	44024	43512	95.203
	3	43897	43812	43301	43958	44122	43595	44166	43380	44364	43761	43515	44296	95.349
	4	43700	43765	43835	43772	44199	43262	44188	43661	43995	43787	44177	43428	95.277
	5	43707	43832	43785	44047	43852	43927	43924	43662	43628	44263	43719	44194	95.416
	6	44179	44030	44151	44504	43734	44166	43751	43424	43812	44043	44063	43892	95.636
	7	44360	43928	44657	43671	44375	43981	44444	43987	44458	44030	43174	43904	95.857
	8	44469	44097	43687	43718	44294	43949	43829	43437	43213	44583	44049	43890	95.539
	9	43926	44039	43860	43788	43712	44088	44339	44375	43491	44238	44186	43740	95.642
	10	43659	43994	44336	43870	43892	43577	43829	43691	43850	44035	43514	44116	95.385
	11	44109	43585	44215	43978	43996	43622	44321	43728	43814	43776	43873	44065	95.515
	12	43623	43707	43626	43640	44274	43976	43857	43748	43833	43953	43442	44665	95.381
	13	43921	43788	43781	43847	43671	43676	44259	43986	43575	43832	43703	43908	95.309
	14	44496	44130	43570	44328	44122	44543	44464	43823	44293	44040	44186	44168	96.073
	15	44323	43897	43647	44071	44084	44579	44509	44633	43733	43756	44549	43629	95.937
	16	43591	43973	44291	44382	43635	44096	43981	44332	44052	44229	44309	44151	95.866
	17	44259	44038	44325	44048	44065	44313	43946	43874	43937	44783	43768	43749	95.881
	18	44014	44156	43964	44294	44036	44229	43898	43570	44070	44275	44245	43599	95.745
	19	44080	44057	44109	44597	43705	44475	44354	43605	44010	44340	43399	43775	95.773
	20	43731	44678	44092	44042	44218	44275	44070	44149	43680	43898	43907	44337	95.876
	21	43881	43966	43026	44254	43789	43824	43667	44032	44349	44200	44123	44164	95.550
	22	43811	44070	44136	43205	44203	44016	43987	44203	44218	44077	43762	44282	95.676
	23	43946	44459	44293	44115	44084	43959	44776	44156	43828	43939	43468	43884	95.846

		S.V.I.R.CO. Observatory - Pressure Corrected Data - May 2013											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
27	0	43739	44619	43886	43840	43265	44559	43879	44572	43552	43922	44693	44544	95.872
	1	44357	44238	43770	44477	44079	43884	43549	44173	43776	43717	44330	43862	95.719
	2	44882	44633	43849	43779	43668	44271	43918	44002	44325	43969	44067	44184	95.961
	3	43441	44465	44431	44416	43784	44318	44033	44451	43555	44140	44963	44084	96.058
	4	44022	44172	44548	44657	44515	44275	44519	44924	44255	43870	43908	44423	96.422
	5	44642	44065	44246	44224	43863	44432	43778	44183	44392	43804	43892	44048	95.966
	6	44061	44328	44239	44609	44194	44235	44210	43899	44462	43999	43533	43992	96.000
	7	44180	44072	44675	43821	44980	43947	43933	44132	43736	44028	44219	44605	96.103
	8	44792	44204	43923	44043	44513	43635	44496	44601	45408	44258	44419	43971	96.454
	9	44317	44257	44839	44050	44458	44892	44273	44308	44274	44346	44341	44410	96.545
	10	44820	43678	44589	44877	44164	43865	44778	44181	44589	43730	43726	44535	96.321
	11	44045	44603	44021	44473	43821	44610	43917	44216	44139	43778	44536	44226	96.113
	12	45129	43804	44458	44347	44538	44302	44665	43782	44015	44268	44097	44001	96.299
	13	44745	43967	44334	44634	44957	44747	44408	44227	44488	44932	44515	44630	96.875
	14	44335	44568	44542	44157	44383	44110	44624	44325	44763	43753	44077	44534	96.437
	15	44579	45132	44630	44871	44417	44269	44168	44649	44625	44110	44161	44694	96.824
	16	44837	43771	43930	44218	44523	44041	43824	44916	43828	45080	43758	43992	96.174
	17	44741	44474	43994	44257	44066	44104	44186	44439	44150	44424	43885	44737	96.308
	18	44558	44856	44120	44429	44281	43582	44411	44437	44452	44678	44259	44218	96.457
	19	44513	44424	44482	44454	44039	44685	44349	44630	44008	44393	44338	44152	96.491
	20	44381	44277	44017	44844	44721	44313	44334	44175	44903	43987	44221	44116	96.459
	21	44207	44617	44478	44477	43755	44549	44275	43988	44111	44426	44292	44976	96.434
	22	44002	44379	44692	44593	44953	44722	44102	44563	43248	44934	44211	44380	96.548
	23	44953	44506	44072	43464	44316	43990	43924	43938	43824	44011	44432	44450	96.021
28	0	44665	44524	44202	44148	44467	44291	44411	44385	44306	44332	44160	44189	96.417
	1	44734	44969	43766	44417	44540	43701	44422	44896	43784	44316	44608	44655	96.552
	2	45243	44416	44124	44238	44088	43972	44490	44791	44857	44963	44930	45312	97.027
	3	44533	44801	44906	45071	44621	44095	44385	44872	44859	45111	44822	44533	97.241
	4	44876	44128	44473	44394	44853	44772	43734	44541	44527	44862	44167	44539	96.744
	5	43971	44306	44806	45408	45192	44739	44002	44454	44392	44495	44718	44608	96.966
	6	44281	44646	44697	44745	44174	44896	44656	44300	45146	44029	44905	44776	96.995
	7	44854	44756	44840	44795	43977	45104	44248	44483	44287	44812	44938	44872	97.125
	8	44274	44419	45020	45098	44594	44212	44866	45516	44322	44399	44499	44698	97.116
	9	44395	44711	45127	44507	44374	44621	44856	45018	44566	44831	44655	44566	97.172
	10	44259	44647	44792	44107	44914	44805	43993	44868	44230	44716	44850	45082	96.997
	11	45133	44369	45200	44609	44836	45097	45211	44972	44504	44493	44106	45414	97.483
	12	44663	44311	44457	44621	44846	45136	44738	44996	44473	44632	44665	44537	97.144
	13	44642	45399	44411	44741	45458	44852	44623	45114	44853	44773	44441	44905	97.532
	14	44560	44769	44475	44499	44349	44725	44741	45228	45006	44281	45012	45024	97.253
	15	44740	45043	44146	44774	44759	45268	44459	44416	44358	44356	44566	45042	97.117
	16	44215	45072	44176	44544	44872	44829	44998	44486	45235	45299	44044	44795	97.233
	17	45214	44591	44318	44358	44507	44753	44481	44586	44816	44621	44405	44298	96.940
	18	43887	44226	44156	45006	44647	44442	44782	44832	44634	44435	44486	44611	96.794
	19	44014	44055	44490	44549	44246	44531	44082	44539	44400	45048	44381	43955	96.458
	20	44656	44211	44259	44398	44442	44040	44589	44807	44480	45186	44624	44645	96.829
	21	44989	44524	44249	44341	45121	45185	44052	44419	44602	44346	45365	44689	97.110
	22	44554	44694	44988	44835	44408	44407	44386	45064	44925	44435	44316	45137	97.158
	23	45144	45225	44651	44671	44869	44640	44759	44912	44192	44634	44796	44267	97.269

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
29	0	44529	43969	45043	44803	44169	44482	44358	44544	44970	43999	44255	45494	96.876	
	1	45112	45228	44983	45012	44612	44991	44235	44526	44803	44002	44412	44530	97.211	
	2	44220	44758	44840	44266	44945	44328	44461	44435	44240	44097	44191	44490	96.637	
	3	44786	44953	44685	44010	44823	44355	44891	44236	45115	44923	44819	44810	97.204	
	4	44286	44776	44679	44424	44605	44787	44791	44791	44627	44745	44473	44562	97.048	
	5	44452	44588	44165	44699	44699	44980	44544	44972	44766	44568	44792	44711	97.119	
	6	44013	44339	44747	44608	45083	44052	44452	45004	44956	44520	44959	44238	96.945	
	7	44179	44707	44931	44236	44072	44349	44492	44578	44906	44122	44555	44678	96.733	
	8	44423	44773	44708	44852	44764	44632	45080	45256	44781	44993	44893	44491	97.429	
	9	44702	45274	44790	45543	44353	44693	44645	44753	44901	44581	45160	45476	97.651	
	10	44338	44796	44853	45223	44611	44462	45555	45305	44956	44690	45124	44674	97.599	
	11	44782	44528	44507	45045	44599	44939	44963	44574	44872	44900	44911	44282	97.294	
	12	44568	44679	45072	44862	44938	44141	44439	44897	45133	45018	45564	45526	97.644	
	13	44863	44887	45011	44710	44655	45196	45099	44992	44647	44669	44767	44771	97.542	
	14	44527	45368	44912	44279	45593	44150	44811	45089	44195	45085	44901	44830	97.446	
	15	44739	44859	44842	45191	45310	44619	44611	44994	45269	44900	44931	44756	97.678	
	16	44393	44822	44219	45786	44513	44089	44921	44523	44867	45251	45635	44830	97.465	
	17	44473	44489	44756	44239	44593	45143	44469	44119	45133	45152	44206	44799	97.053	
	18	44540	44293	44581	44997	44950	44737	45270	44258	45007	44195	44696	44803	97.190	
	19	44468	44322	44634	45195	44518	44273	44993	45125	44793	44501	44420	44708	97.121	
	20	44208	44679	45265	45033	44423	44693	44684	45021	43908	44586	44615	44805	97.117	
	21	44236	44715	44845	44568	45172	45071	44821	44366	43814	44613	44991	45453	97.251	
	22	44795	45001	44901	44715	44435	44560	45183	44265	44680	44905	44423	44244	97.150	
	23	44521	44963	44572	44956	44044	44988	44605	44788	44772	44431	45173	44591	97.204	
30	0	44558	44433	44463	44518	44947	44426	44972	44219	44628	44520	44530	44666	96.925	
	1	45199	44495	44794	45115	44927	44830	44227	44354	44503	44036	45055	44814	97.193	
	2	44548	44703	44162	44607	45034	44974	44930	44739	44481	44739	45050	44670	97.246	
	3	44945	44604	44763	44832	44865	45139	45366	45159	45035	45327	44365	44961	97.740	
	4	45035	44738	44616	44904	44930	44956	44480	44607	44781	44730	44939	44769	97.400	
	5	44748	44705	45146	45060	44902	45086	44695	44218	44959	45063	45418	44648	97.610	
	6	44573	45024	44692	45316	45395	44978	44385	44599	44974	45037	44972	44911	97.648	
	7	44454	45251	45122	45053	45155	44653	44456	44741	44945	44298	44821	44652	97.421	
	8	44825	45142	44920	44319	44407	44419	44705	45157	44987	44769	44760	44902	97.368	
	9	44496	44921	45373	44860	44831	44231	44860	44341	44820	44990	44975	45056	97.449	
	10	43854	45322	45074	44976	45069	44512	45194	44995	45119	45215	45162	44788	97.725	
	11	45165	45114	45197	45111	46131	44859	45778	45302	45130	45435	45090	45357	98.521	
	12	45502	45372	44894	44603	44944	45163	45076	44962	45776	45562	44730	44860	98.118	
	13	45115	45014	44827	44624	45055	45183	44985	45087	44408	44473	45100	45272	97.700	
	14	44727	45070	45012	45074	44771	44312	44844	44909	45345	45270	45729	45511	97.960	
	15	45526	45149	44684	45035	45173	45018	45242	45233	44958	44893	44730	44632	97.905	
	16	44627	44732	44799	44576	44916	45219	44884	44886	44748	44845	44523	44746	97.403	
	17	45228	44462	44779	44933	45026	45224	45110	45264	44803	44838	44557	44196	97.569	
	18	44789	44769	45164	44959	44833	45669	43950	44579	44711	44858	44552	44603	97.391	
	19	44316	44950	44651	45250	45267	44819	45186	45209	44702	45338	44268	45217	97.705	
	20	45255	44904	45367	44821	44832	45122	45305	44985	44957	44960	44828	44791	97.878	
	21	44515	44661	45519	45056	44446	44962	44928	44974	45092	44962	45422	44565	97.693	
	22	45291	45092	45128	44406	44673	44832	44969	44202	44678	44802	44775	44758	97.422	
	23	44760	45044	45420	45245	44551	44905	45285	44832	44657	44384	44921	44885	97.654	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2013											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
31	0	44863	45017	44794	45246	44767	45085	44956	44829	44786	44813	45091	45062	97.729
	1	45350	45423	44215	45104	44675	44640	44863	44317	45205	44690	44702	44938	97.515
	2	45459	45299	44796	44432	45027	45265	44549	45179	44848	45301	44426	45174	97.812
	3	44923	45045	45351	44944	45012	44810	44745	44778	45251	45230	44421	44533	97.683
	4	45413	44901	45123	45835	45357	45387	44889	45423	45125	44607	45276	45419	98.355
	5	45161	45138	45158	45218	44610	45351	45343	45537	44720	44979	45655	45506	98.286
	6	45274	44941	44853	44670	45467	45097	44837	45236	45678	45276	45065	45150	98.135
	7	45273	44902	45766	45171	45437	45141	45084	45666	45509	45238	45330	45437	98.572
	8	45289	45226	45842	45058	45712	44795	45684	45178	45233	45463	44789	45067	98.460
	9	44987	45034	45359	45265	45645	45612	45364	45587	45450	45617	45298	45169	98.651
	10	44910	45367	45961	45804	44693	45144	45356	45645	45239	45192	44956	45451	98.530
	11	44333	44833	45310	45602	45555	45478	45410	45301	45620	45738	45658	45203	98.589
	12	45508	45450	45263	45809	45143	45698	45383	45943	45465	45375	44887	45662	98.868
	13	45672	45649	45551	45398	45011	45821	45590	45531	45163	45501	45378	45514	98.903
	14	44546	44907	45368	45545	45101	44849	45642	45086	45254	44736	44977	45137	98.064
	15	45389	45539	45145	45291	45011	45250	45401	45717	45198	44995	44949	44949	98.369
	16	45055	44876	45634	45047	44962	45104	44850	45100	45226	45443	44744	44901	98.026
	17	45437	44490	44397	44707	44408	44732	45578	45516	45855	44870	45248	45096	97.916
	18	45076	45467	44808	45388	45052	44815	44849	45462	44431	45333	45400	44746	98.006
	19	44338	45156	44431	45218	44916	45301	44682	45523	44842	44551	45008	45220	97.708
	20	44601	45274	44466	45430	44308	44999	44787	44697	44513	44552	44472	44757	97.286
	21	45252	44376	44958	44523	44875	44308	45042	44696	44257	45116	44280	45028	97.260
	22	44266	45753	45295	44657	45156	44177	44900	44870	44320	44808	44982	44682	97.469
	23	44518	44711	44940	44735	45012	44631	44730	44295	44532	44805	45054	44355	97.189



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

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
1	0	1016.13	1016.19	1016.21	1016.10	1016.00	1015.96	1015.90	1015.80	1015.75	1015.71	1015.65	1015.62	1015.91
	1	1015.59	1015.56	1015.57	1015.61	1015.65	1015.65	1015.63	1015.64	1015.66	1015.65	1015.59	1015.52	1015.61
	2	1015.48	1015.48	1015.49	1015.50	1015.53	1015.55	1015.54	1015.52	1015.51	1015.50	1015.53	1015.59	1015.52
	3	1015.64	1015.67	1015.66	1015.65	1015.68	1015.70	1015.72	1015.72	1015.69	1015.69	1015.71	1015.74	1015.69
	4	1015.80	1015.82	1015.85	1015.89	1015.92	1015.96	1016.01	1016.03	1016.04	1016.04	1016.07	1016.15	1015.96
	5	1016.19	1016.16	1016.16	1016.18	1016.16	1016.10	1016.03	1016.01	1016.00	1015.97	1015.94	1015.93	1016.07
	6	1015.92	1015.91	1015.89	1015.89	1015.93	1015.94	1015.90	1015.84	1015.86	1015.92	1015.91	1015.93	1015.90
	7	1015.96	1015.97	1015.99	1015.95	1015.85	1015.78	1015.80	1015.83	1015.79	1015.84	1015.90	1015.95	1015.88
	8	1016.04	1016.06	1016.01	1015.98	1016.04	1016.08	1016.08	1016.12	1016.13	1016.08	1016.07	1016.09	1016.06
	9	1016.08	1016.06	1015.98	1015.94	1015.92	1015.89	1015.91	1015.97	1016.03	1016.06	1016.05	1016.05	1015.99
	10	1016.11	1016.16	1016.13	1016.09	1016.08	1016.10	1016.20	1016.28	1016.33	1016.41	1016.46	1016.46	1016.23
	11	1016.38	1016.31	1016.34	1016.42	1016.43	1016.43	1016.42	1016.40	1016.43	1016.53	1016.54	1016.46	1016.42
	12	1016.42	1016.42	1016.43	1016.42	1016.45	1016.49	1016.49	1016.51	1016.52	1016.50	1016.44	1016.35	1016.45
	13	1016.30	1016.28	1016.31	1016.34	1016.28	1016.21	1016.23	1016.18	1015.96	1015.82	1015.84	1015.93	1016.14
	14	1015.99	1015.94	1015.77	1015.65	1015.67	1015.68	1015.59	1015.26	1014.90	1014.65	1014.30	1014.15	1015.29
	15	1014.37	1014.58	1014.60	1014.57	1014.58	1014.58	1014.53	1014.49	1014.55	1014.65	1014.79	1014.84	1014.59
	16	1014.80	1014.78	1014.79	1014.83	1014.92	1015.08	1015.17	1015.20	1015.23	1015.28	1015.29	1015.25	1015.05
	17	1015.33	1015.53	1015.75	1015.85	1015.89	1015.94	1015.95	1015.97	1016.05	1016.09	1016.08	1016.09	1015.87
	18	1016.22	1016.35	1016.42	1016.53	1016.67	1016.76	1016.81	1016.84	1016.81	1016.72	1016.65	1016.79	1016.63
	19	1017.09	1017.23	1017.22	1017.23	1017.22	1017.16	1017.10	1017.02	1016.93	1016.87	1016.85	1016.85	1017.06
	20	1016.86	1016.84	1016.75	1016.68	1016.66	1016.64	1016.65	1016.62	1016.63	1016.68	1016.65	1016.65	1016.69
	21	1016.72	1016.75	1016.76	1016.80	1016.63	1016.42	1016.46	1016.44	1016.31	1016.21	1016.13	1016.10	1016.48
	22	1016.10	1016.06	1016.04	1016.08	1015.99	1015.92	1015.94	1015.84	1015.65	1015.52	1015.49	1015.49	1015.84
	23	1015.52	1015.56	1015.51	1015.39	1015.25	1015.09	1014.93	1014.78	1014.63	1014.52	1014.43	1014.36	1014.99
2	0	1014.35	1014.32	1014.26	1014.15	1013.99	1013.88	1013.82	1013.78	1013.83	1013.89	1013.83	1013.70	1013.97
	1	1013.55	1013.43	1013.42	1013.44	1013.47	1013.45	1013.35	1013.39	1013.59	1013.83	1013.99	1014.16	1013.59
	2	1014.38	1014.44	1014.43	1014.54	1014.68	1014.79	1014.85	1014.85	1014.87	1014.89	1014.87	1014.85	1014.70
	3	1014.85	1014.84	1014.69	1014.48	1014.37	1014.39	1014.34	1014.21	1014.14	1014.12	1014.15	1014.18	1014.39
	4	1014.18	1014.25	1014.34	1014.40	1014.43	1014.40	1014.36	1014.25	1014.17	1014.23	1014.30	1014.26	1014.30
	5	1014.24	1014.23	1014.25	1014.34	1014.37	1014.35	1014.31	1014.25	1014.19	1014.11	1014.07	1014.06	1014.23
	6	1014.05	1014.08	1014.17	1014.25	1014.30	1014.32	1014.32	1014.28	1014.20	1014.19	1014.27	1014.33	1014.23
	7	1014.35	1014.31	1014.24	1014.22	1014.22	1014.17	1014.11	1014.07	1014.00	1013.94	1013.94	1013.95	1014.12
	8	1013.99	1014.09	1014.14	1014.14	1014.12	1014.09	1014.08	1014.07	1014.01	1013.91	1013.86	1013.84	1014.03
	9	1013.79	1013.72	1013.63	1013.58	1013.59	1013.63	1013.66	1013.63	1013.61	1013.67	1013.74	1013.74	1013.66
	10	1013.64	1013.53	1013.45	1013.40	1013.39	1013.43	1013.50	1013.55	1013.58	1013.56	1013.50	1013.44	1013.50
	11	1013.39	1013.38	1013.40	1013.43	1013.46	1013.43	1013.35	1013.26	1013.22	1013.20	1013.15	1013.10	1013.31
	12	1013.05	1013.03	1013.01	1012.97	1012.94	1012.91	1012.85	1012.75	1012.69	1012.66	1012.62	1012.61	1012.84
	13	1012.59	1012.58	1012.58	1012.56	1012.54	1012.50	1012.45	1012.41	1012.33	1012.30	1012.29	1012.23	1012.44
	14	1012.24	1012.33	1012.39	1012.41	1012.39	1012.40	1012.43	1012.46	1012.47	1012.45	1012.45	1012.48	1012.41
	15	1012.48	1012.45	1012.43	1012.39	1012.34	1012.30	1012.26	1012.24	1012.22	1012.18	1012.17	1012.16	1012.30
	16	1012.13	1012.09	1012.06	1012.03	1012.01	1011.98	1011.96	1011.92	1011.89	1011.90	1011.92	1011.92	1011.98
	17	1011.93	1011.96	1011.96	1011.98	1012.02	1012.06	1012.08	1012.09	1012.11	1012.13	1012.18	1012.25	1012.06
	18	1012.29	1012.29	1012.25	1012.23	1012.22	1012.19	1012.13	1012.06	1012.02	1012.02	1012.08	1012.15	1012.16
	19	1012.25	1012.31	1012.38	1012.47	1012.53	1012.60	1012.65	1012.66	1012.67	1012.66	1012.64	1012.64	1012.53
	20	1012.67	1012.71	1012.70	1012.66	1012.67	1012.72	1012.76	1012.78	1012.80	1012.79	1012.79	1012.82	1012.74
	21	1012.82	1012.79	1012.76	1012.75	1012.74	1012.70	1012.67	1012.65	1012.65	1012.66	1012.64	1012.62	1012.70
	22	1012.58	1012.54	1012.54	1012.53	1012.56	1012.63	1012.70	1012.77	1012.79	1012.77	1012.72	1012.67	1012.65
	23	1012.65	1012.64	1012.65	1012.66	1012.65	1012.67	1012.69	1012.63	1012.54	1012.48	1012.49	1012.55	1012.61

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

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
3	0	1012.60	1012.60	1012.56	1012.53	1012.51	1012.46	1012.39	1012.34	1012.34	1012.36	1012.33	1012.26	1012.43
	1	1012.23	1012.25	1012.28	1012.27	1012.26	1012.25	1012.24	1012.26	1012.29	1012.31	1012.30	1012.30	1012.27
	2	1012.31	1012.34	1012.39	1012.41	1012.40	1012.38	1012.34	1012.32	1012.34	1012.38	1012.46	1012.55	1012.38
	3	1012.61	1012.64	1012.66	1012.67	1012.68	1012.68	1012.67	1012.67	1012.72	1012.75	1012.78	1012.83	1012.69
	4	1012.90	1012.98	1013.02	1013.07	1013.11	1013.11	1013.15	1013.22	1013.24	1013.26	1013.31	1013.30	1013.14
	5	1013.27	1013.23	1013.20	1013.18	1013.17	1013.13	1013.10	1013.11	1013.14	1013.19	1013.23	1013.27	1013.18
	6	1013.30	1013.31	1013.34	1013.38	1013.40	1013.41	1013.40	1013.41	1013.43	1013.47	1013.50	1013.49	1013.40
	7	1013.46	1013.48	1013.55	1013.61	1013.62	1013.61	1013.59	1013.61	1013.65	1013.68	1013.67	1013.64	1013.59
	8	1013.63	1013.62	1013.59	1013.57	1013.54	1013.53	1013.55	1013.56	1013.53	1013.51	1013.49	1013.45	1013.55
	9	1013.42	1013.40	1013.38	1013.35	1013.34	1013.32	1013.28	1013.20	1013.10	1013.03	1013.01	1013.00	1013.23
	10	1012.96	1012.89	1012.87	1012.87	1012.86	1012.82	1012.75	1012.68	1012.59	1012.53	1012.52	1012.49	1012.73
	11	1012.44	1012.39	1012.38	1012.36	1012.33	1012.33	1012.32	1012.25	1012.21	1012.21	1012.20	1012.18	1012.30
	12	1012.17	1012.18	1012.17	1012.12	1012.08	1012.03	1011.98	1011.93	1011.91	1011.92	1011.90	1011.85	1012.02
	13	1011.80	1011.76	1011.72	1011.73	1011.74	1011.72	1011.62	1011.47	1011.40	1011.37	1011.36	1011.38	1011.59
	14	1011.39	1011.36	1011.29	1011.25	1011.23	1011.20	1011.16	1011.13	1011.11	1011.12	1011.11	1011.11	1011.20
	15	1011.12	1011.11	1011.09	1011.07	1011.10	1011.15	1011.18	1011.28	1011.41	1011.46	1011.46	1011.45	1011.24
	16	1011.48	1011.49	1011.48	1011.45	1011.41	1011.44	1011.45	1011.44	1011.41	1011.34	1011.30	1011.33	1011.42
	17	1011.42	1011.51	1011.58	1011.64	1011.69	1011.73	1011.77	1011.82	1011.90	1012.01	1012.08	1012.14	1011.77
	18	1012.24	1012.34	1012.41	1012.46	1012.50	1012.53	1012.53	1012.55	1012.61	1012.67	1012.70	1012.75	1012.52
	19	1012.82	1012.89	1012.95	1012.99	1013.02	1013.08	1013.14	1013.21	1013.29	1013.35	1013.35	1013.34	1013.12
	20	1013.33	1013.32	1013.31	1013.30	1013.31	1013.34	1013.36	1013.35	1013.33	1013.36	1013.45	1013.55	1013.36
	21	1013.56	1013.47	1013.42	1013.43	1013.38	1013.25	1013.12	1013.03	1013.00	1013.02	1013.04	1013.05	1013.23
	22	1013.01	1012.95	1012.93	1012.96	1012.97	1012.84	1012.67	1012.64	1012.67	1012.63	1012.55	1012.51	1012.77
	23	1012.54	1012.48	1012.42	1012.40	1012.35	1012.26	1012.11	1011.97	1011.95	1012.03	1012.12	1012.16	1012.23
4	0	1012.15	1012.14	1012.15	1012.19	1012.18	1012.16	1012.14	1012.14	1012.16	1012.17	1012.18	1012.20	1012.16
	1	1012.21	1012.21	1012.20	1012.19	1012.19	1012.23	1012.28	1012.33	1012.32	1012.30	1012.28	1012.28	1012.25
	2	1012.26	1012.25	1012.28	1012.32	1012.33	1012.30	1012.26	1012.27	1012.32	1012.36	1012.38	1012.37	1012.31
	3	1012.37	1012.39	1012.40	1012.39	1012.38	1012.37	1012.39	1012.43	1012.45	1012.52	1012.63	1012.69	1012.45
	4	1012.75	1012.83	1012.87	1012.92	1013.01	1013.08	1013.12	1013.18	1013.23	1013.23	1013.21	1013.26	1013.05
	5	1013.36	1013.40	1013.41	1013.47	1013.51	1013.53	1013.55	1013.55	1013.59	1013.64	1013.67	1013.68	1013.53
	6	1013.71	1013.72	1013.69	1013.70	1013.75	1013.79	1013.83	1013.90	1013.97	1014.02	1014.01	1013.95	1013.83
	7	1013.92	1013.92	1013.95	1014.00	1014.01	1013.98	1013.99	1014.04	1014.05	1014.02	1014.00	1013.97	1013.99
	8	1013.94	1013.92	1013.90	1013.90	1013.90	1013.89	1013.87	1013.85	1013.84	1013.82	1013.80	1013.80	1013.87
	9	1013.80	1013.80	1013.78	1013.75	1013.74	1013.73	1013.72	1013.71	1013.70	1013.68	1013.64	1013.59	1013.72
	10	1013.57	1013.54	1013.47	1013.41	1013.38	1013.35	1013.32	1013.29	1013.25	1013.20	1013.18	1013.17	1013.34
	11	1013.15	1013.10	1013.06	1013.04	1013.04	1013.03	1013.00	1012.97	1012.93	1012.89	1012.88	1012.85	1012.99
	12	1012.78	1012.72	1012.68	1012.64	1012.56	1012.48	1012.44	1012.39	1012.36	1012.35	1012.32	1012.26	1012.50
	13	1012.18	1012.11	1012.05	1012.00	1011.94	1011.89	1011.86	1011.84	1011.84	1011.82	1011.80	1011.77	1011.92
	14	1011.74	1011.72	1011.71	1011.68	1011.61	1011.52	1011.43	1011.42	1011.45	1011.46	1011.45	1011.43	1011.55
	15	1011.41	1011.42	1011.45	1011.52	1011.58	1011.60	1011.63	1011.67	1011.70	1011.71	1011.72	1011.75	1011.59
	16	1011.74	1011.73	1011.78	1011.84	1011.86	1011.91	1012.00	1012.09	1012.15	1012.18	1012.21	1012.27	1011.98
	17	1012.31	1012.33	1012.37	1012.41	1012.49	1012.61	1012.71	1012.79	1012.88	1012.96	1013.05	1013.11	1012.67
	18	1013.16	1013.24	1013.27	1013.28	1013.31	1013.37	1013.41	1013.43	1013.44	1013.48	1013.53	1013.58	1013.37
	19	1013.61	1013.61	1013.63	1013.69	1013.75	1013.77	1013.80	1013.84	1013.86	1013.86	1013.88	1013.96	1013.77
	20	1014.10	1014.18	1014.11	1014.08	1014.13	1014.19	1014.23	1014.27	1014.28	1014.32	1014.40	1014.46	1014.23
	21	1014.45	1014.46	1014.51	1014.52	1014.46	1014.37	1014.26	1014.16	1014.14	1014.12	1014.11	1014.10	1014.30
	22	1014.09	1014.08	1014.08	1014.10	1014.12	1014.14	1014.20	1014.30	1014.32	1014.26	1014.27	1014.28	1014.18
	23	1014.17	1014.06	1014.03	1013.96	1013.86	1013.82	1013.89	1013.96	1013.98	1014.03	1014.15	1014.27	1014.01

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
5	0	1014.35	1014.35	1014.39	1014.43	1014.30	1014.08	1014.03	1014.05	1014.06	1014.05	1013.95	1013.91	1014.15
	1	1013.90	1013.87	1013.87	1013.84	1013.82	1013.89	1013.89	1013.79	1013.78	1013.82	1013.85	1013.86	1013.85
	2	1013.86	1013.86	1013.82	1013.77	1013.72	1013.65	1013.58	1013.52	1013.49	1013.46	1013.48	1013.53	1013.64
	3	1013.55	1013.56	1013.59	1013.59	1013.60	1013.58	1013.49	1013.48	1013.52	1013.54	1013.59	1013.59	1013.55
	4	1013.56	1013.56	1013.55	1013.53	1013.53	1013.52	1013.48	1013.48	1013.55	1013.66	1013.76	1013.85	1013.58
	5	1013.91	1013.96	1014.04	1014.07	1014.04	1014.01	1014.03	1014.08	1014.12	1014.13	1014.11	1014.13	1014.05
	6	1014.15	1014.16	1014.16	1014.16	1014.18	1014.20	1014.21	1014.22	1014.22	1014.20	1014.16	1014.12	1014.18
	7	1014.09	1014.13	1014.22	1014.32	1014.42	1014.47	1014.52	1014.58	1014.65	1014.74	1014.82	1014.89	1014.49
	8	1014.93	1014.96	1015.02	1015.06	1015.09	1015.14	1015.18	1015.24	1015.32	1015.39	1015.44	1015.46	1015.18
	9	1015.48	1015.51	1015.55	1015.59	1015.62	1015.65	1015.71	1015.75	1015.76	1015.72	1015.71	1015.71	1015.64
	10	1015.69	1015.64	1015.57	1015.52	1015.47	1015.45	1015.43	1015.39	1015.33	1015.22	1015.04	1014.91	1015.39
	11	1014.85	1014.87	1014.97	1015.06	1015.08	1015.05	1014.98	1014.87	1014.74	1014.60	1014.49	1014.47	1014.83
	12	1014.57	1014.64	1014.63	1014.57	1014.48	1014.40	1014.31	1014.22	1014.13	1014.04	1013.94	1013.84	1014.31
	13	1013.73	1013.66	1013.61	1013.55	1013.53	1013.50	1013.42	1013.31	1013.22	1013.17	1013.17	1013.19	1013.42
	14	1013.20	1013.20	1013.20	1013.16	1013.14	1013.17	1013.20	1013.23	1013.24	1013.20	1013.12	1013.04	1013.17
	15	1013.00	1013.01	1013.07	1013.12	1013.15	1013.21	1013.32	1013.40	1013.47	1013.53	1013.56	1013.56	1013.28
	16	1013.60	1013.65	1013.66	1013.65	1013.64	1013.60	1013.54	1013.54	1013.54	1013.50	1013.50	1013.51	1013.57
	17	1013.52	1013.57	1013.60	1013.61	1013.63	1013.64	1013.67	1013.71	1013.75	1013.75	1013.76	1013.80	1013.67
	18	1013.81	1013.76	1013.71	1013.67	1013.66	1013.65	1013.66	1013.72	1013.72	1013.67	1013.65	1013.65	1013.69
	19	1013.65	1013.65	1013.65	1013.68	1013.68	1013.66	1013.67	1013.70	1013.72	1013.77	1013.86	1013.93	1013.72
	20	1014.00	1014.05	1014.07	1014.11	1014.12	1014.10	1014.09	1014.10	1014.09	1014.07	1014.08	1014.11	1014.08
	21	1014.13	1014.13	1014.12	1014.09	1014.05	1014.01	1013.94	1013.88	1013.86	1013.87	1013.89	1013.90	1013.99
	22	1013.89	1013.78	1013.64	1013.58	1013.62	1013.62	1013.58	1013.49	1013.43	1013.44	1013.38	1013.28	1013.56
	23	1013.22	1013.19	1013.15	1013.12	1013.11	1013.08	1013.02	1012.94	1012.90	1012.88	1012.84	1012.74	1013.01
6	0	1012.51	1012.42	1012.23	1012.08	1011.96	1011.88	1011.91	1011.96	1011.95	1011.90	1011.84	1011.78	1012.01
	1	1011.71	1011.64	1011.53	1011.49	1011.47	1011.33	1011.12	1011.09	1011.10	1011.02	1010.93	1010.84	1011.27
	2	1011.02	1011.17	1011.07	1011.07	1011.19	1011.40	1011.43	1011.30	1011.44	1011.77	1011.78	1011.72	1011.36
	3	1011.92	1012.28	1012.59	1012.55	1012.42	1012.34	1012.21	1012.12	1012.15	1012.32	1012.38	1012.28	1012.29
	4	1012.19	1012.13	1012.10	1012.05	1012.01	1012.10	1012.24	1012.29	1012.32	1012.37	1012.45	1012.53	1012.23
	5	1012.59	1012.61	1012.56	1012.48	1012.49	1012.56	1012.61	1012.70	1012.78	1012.82	1012.82	1012.80	1012.65
	6	1012.77	1012.76	1012.81	1012.81	1012.81	1012.87	1012.85	1012.83	1012.88	1012.90	1012.90	1012.88	1012.84
	7	1012.87	1012.83	1012.76	1012.72	1012.70	1012.74	1012.76	1012.70	1012.80	1012.94	1013.03	1013.18	1012.83
	8	1013.31	1013.36	1013.29	1013.18	1013.09	1013.02	1012.97	1012.92	1012.90	1012.91	1012.91	1012.91	1013.06
	9	1012.94	1012.89	1012.82	1012.84	1012.84	1012.83	1012.84	1012.88	1012.93	1012.97	1012.99	1012.99	1012.89
	10	1012.96	1012.94	1012.92	1012.88	1012.78	1012.62	1012.55	1012.53	1012.46	1012.49	1012.53	1012.51	1012.68
	11	1012.49	1012.53	1012.54	1012.48	1012.46	1012.45	1012.44	1012.38	1012.29	1012.26	1012.32	1012.38	1012.42
	12	1012.39	1012.41	1012.41	1012.38	1012.38	1012.43	1012.47	1012.50	1012.50	1012.49	1012.44	1012.38	1012.43
	13	1012.37	1012.33	1012.29	1012.27	1012.23	1012.16	1012.11	1012.08	1012.04	1011.99	1011.94	1011.89	1012.14
	14	1011.87	1011.87	1011.88	1011.91	1011.99	1012.05	1012.06	1012.09	1012.10	1012.09	1012.08	1012.11	1012.01
	15	1012.18	1012.25	1012.28	1012.29	1012.30	1012.33	1012.35	1012.36	1012.40	1012.45	1012.46	1012.45	1012.34
	16	1012.43	1012.44	1012.47	1012.48	1012.50	1012.52	1012.53	1012.54	1012.57	1012.63	1012.66	1012.67	1012.53
	17	1012.69	1012.72	1012.74	1012.75	1012.76	1012.77	1012.83	1012.89	1012.94	1012.99	1013.03	1013.07	1012.85
	18	1013.10	1013.11	1013.11	1013.14	1013.15	1013.16	1013.20	1013.25	1013.35	1013.44	1013.46	1013.48	1013.24
	19	1013.55	1013.60	1013.62	1013.63	1013.64	1013.69	1013.71	1013.70	1013.70	1013.73	1013.78	1013.80	1013.68
	20	1013.85	1013.89	1013.89	1013.91	1013.97	1014.02	1014.03	1014.07	1014.12	1014.14	1014.16	1014.18	1014.02
	21	1014.18	1014.13	1014.05	1014.01	1014.00	1013.97	1013.97	1014.02	1014.00	1013.97	1013.97	1013.97	1014.02
	22	1013.98	1014.00	1014.04	1014.07	1014.08	1014.08	1014.09	1014.11	1014.09	1014.08	1014.09	1014.11	1014.07
	23	1014.11	1014.07	1014.07	1014.09	1014.07	1014.05	1014.07	1014.08	1014.07	1014.07	1014.05	1014.04	1014.07

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
7	0	1014.03	1014.02	1014.01	1013.98	1013.94	1013.90	1013.89	1013.90	1013.91	1013.92	1013.90	1013.89	1013.93
	1	1013.90	1013.93	1013.97	1014.00	1013.98	1013.93	1013.87	1013.82	1013.80	1013.78	1013.78	1013.78	1013.88
	2	1013.77	1013.73	1013.70	1013.67	1013.65	1013.63	1013.64	1013.65	1013.66	1013.68	1013.68	1013.70	1013.68
	3	1013.72	1013.72	1013.70	1013.68	1013.66	1013.71	1013.78	1013.82	1013.84	1013.82	1013.80	1013.80	1013.75
	4	1013.81	1013.88	1013.98	1014.03	1014.08	1014.13	1014.15	1014.17	1014.22	1014.27	1014.31	1014.39	1014.12
	5	1014.49	1014.56	1014.58	1014.58	1014.60	1014.62	1014.62	1014.62	1014.61	1014.62	1014.64	1014.65	1014.60
	6	1014.64	1014.63	1014.60	1014.57	1014.59	1014.67	1014.72	1014.75	1014.78	1014.81	1014.82	1014.83	1014.70
	7	1014.82	1014.78	1014.78	1014.74	1014.71	1014.74	1014.79	1014.87	1014.94	1015.01	1015.06	1015.07	1014.86
	8	1015.09	1015.10	1015.12	1015.14	1015.17	1015.23	1015.27	1015.29	1015.31	1015.31	1015.31	1015.31	1015.22
	9	1015.32	1015.33	1015.34	1015.33	1015.31	1015.38	1015.46	1015.49	1015.52	1015.55	1015.59	1015.63	1015.44
	10	1015.67	1015.71	1015.71	1015.64	1015.58	1015.57	1015.56	1015.54	1015.52	1015.49	1015.48	1015.50	1015.58
	11	1015.51	1015.47	1015.43	1015.42	1015.40	1015.37	1015.33	1015.28	1015.25	1015.19	1015.10	1014.99	1015.31
	12	1014.92	1014.90	1014.88	1014.84	1014.79	1014.77	1014.80	1014.80	1014.74	1014.69	1014.63	1014.58	1014.78
	13	1014.53	1014.46	1014.36	1014.29	1014.25	1014.20	1014.13	1014.06	1013.99	1013.98	1013.99	1014.02	1014.19
	14	1014.03	1014.01	1013.99	1014.00	1014.03	1014.02	1014.01	1014.04	1014.00	1013.90	1013.81	1013.74	1013.96
	15	1013.70	1013.69	1013.72	1013.70	1013.67	1013.67	1013.75	1013.85	1013.92	1013.99	1014.07	1014.08	1013.82
	16	1014.07	1014.09	1014.09	1014.08	1014.07	1014.04	1014.02	1014.01	1013.97	1013.97	1014.00	1014.03	1014.03
	17	1014.07	1014.12	1014.18	1014.17	1014.15	1014.14	1014.18	1014.26	1014.29	1014.28	1014.29	1014.29	1014.20
	18	1014.28	1014.25	1014.26	1014.32	1014.36	1014.39	1014.43	1014.49	1014.53	1014.54	1014.57	1014.57	1014.41
	19	1014.58	1014.61	1014.67	1014.72	1014.73	1014.74	1014.76	1014.77	1014.78	1014.75	1014.73	1014.77	1014.72
	20	1014.82	1014.79	1014.74	1014.73	1014.76	1014.78	1014.75	1014.72	1014.73	1014.75	1014.76	1014.76	1014.76
	21	1014.75	1014.73	1014.69	1014.64	1014.60	1014.54	1014.46	1014.44	1014.46	1014.40	1014.34	1014.40	1014.53
	22	1014.50	1014.56	1014.57	1014.54	1014.49	1014.47	1014.46	1014.44	1014.40	1014.36	1014.33	1014.29	1014.45
	23	1014.26	1014.23	1014.18	1014.17	1014.18	1014.13	1014.12	1014.18	1014.19	1014.14	1014.05	1014.01	1014.15
8	0	1013.93	1013.93	1013.93	1013.94	1013.99	1013.97	1013.84	1013.73	1013.69	1013.64	1013.54	1013.54	1013.80
	1	1013.59	1013.50	1013.35	1013.29	1013.24	1013.18	1013.13	1013.08	1013.06	1013.08	1013.12	1013.16	1013.23
	2	1013.14	1013.07	1013.04	1013.08	1013.09	1013.06	1013.03	1013.02	1013.01	1013.04	1013.14	1013.23	1013.08
	3	1013.21	1013.14	1013.11	1013.12	1013.14	1013.12	1013.10	1013.13	1013.15	1013.15	1013.13	1013.09	1013.13
	4	1013.05	1013.02	1013.01	1013.05	1013.09	1013.12	1013.16	1013.20	1013.22	1013.25	1013.31	1013.35	1013.15
	5	1013.35	1013.36	1013.35	1013.34	1013.35	1013.37	1013.42	1013.44	1013.40	1013.40	1013.46	1013.52	1013.39
	6	1013.55	1013.58	1013.58	1013.55	1013.54	1013.53	1013.55	1013.59	1013.62	1013.63	1013.67	1013.68	1013.59
	7	1013.69	1013.71	1013.72	1013.73	1013.73	1013.70	1013.66	1013.66	1013.68	1013.69	1013.72	1013.73	1013.70
	8	1013.69	1013.67	1013.71	1013.77	1013.82	1013.84	1013.84	1013.84	1013.85	1013.85	1013.85	1013.85	1013.80
	9	1013.84	1013.81	1013.78	1013.75	1013.72	1013.71	1013.69	1013.68	1013.65	1013.59	1013.54	1013.51	1013.69
	10	1013.45	1013.38	1013.32	1013.28	1013.22	1013.13	1013.07	1012.98	1012.88	1012.83	1012.80	1012.76	1013.09
	11	1012.73	1012.72	1012.73	1012.73	1012.70	1012.68	1012.68	1012.70	1012.73	1012.72	1012.68	1012.62	1012.70
	12	1012.58	1012.56	1012.56	1012.55	1012.50	1012.46	1012.45	1012.44	1012.41	1012.36	1012.32	1012.35	1012.46
	13	1012.36	1012.32	1012.29	1012.28	1012.26	1012.27	1012.26	1012.24	1012.26	1012.28	1012.25	1012.17	1012.27
	14	1012.09	1012.04	1012.01	1012.01	1012.00	1012.00	1012.03	1012.06	1012.09	1012.09	1012.04	1011.94	1012.03
	15	1011.89	1011.92	1011.97	1012.00	1011.98	1011.97	1012.01	1012.02	1011.98	1011.94	1011.90	1011.84	1011.95
	16	1011.80	1011.84	1011.90	1011.95	1011.95	1011.96	1012.01	1012.06	1012.09	1012.08	1012.07	1012.12	1011.98
	17	1012.16	1012.22	1012.31	1012.33	1012.32	1012.31	1012.34	1012.40	1012.45	1012.47	1012.49	1012.54	1012.36
	18	1012.57	1012.62	1012.70	1012.76	1012.77	1012.76	1012.76	1012.78	1012.78	1012.84	1012.95	1013.04	1012.78
	19	1013.07	1013.03	1013.06	1013.17	1013.27	1013.28	1013.30	1013.34	1013.38	1013.42	1013.49	1013.59	1013.28
	20	1013.68	1013.76	1013.84	1013.88	1013.92	1013.99	1014.08	1014.13	1014.12	1014.08	1014.03	1014.01	1013.96
	21	1014.01	1014.03	1014.06	1014.10	1014.10	1014.06	1014.01	1013.98	1013.97	1014.00	1014.01	1013.98	1014.02
	22	1013.95	1013.93	1013.93	1013.92	1013.85	1013.81	1013.76	1013.70	1013.68	1013.70	1013.71	1013.71	1013.80
	23	1013.70	1013.69	1013.70	1013.69	1013.64	1013.56	1013.50	1013.46	1013.43	1013.40	1013.37	1013.33	1013.54

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	1013.23	1013.19	1013.16	1013.17	1013.16	1013.12	1013.09	1013.07	1013.09	1013.09	1013.08	1013.07	1013.12
	1	1013.06	1013.06	1013.06	1013.07	1013.08	1013.07	1013.07	1013.04	1013.01	1013.00	1012.98	1012.94	1013.03
	2	1012.90	1012.94	1013.01	1013.04	1013.01	1012.98	1012.97	1012.96	1012.95	1012.97	1012.96	1012.97	1012.97
	3	1013.00	1013.02	1013.03	1013.09	1013.14	1013.18	1013.26	1013.28	1013.24	1013.22	1013.23	1013.20	1013.16
	4	1013.19	1013.26	1013.29	1013.30	1013.29	1013.22	1013.22	1013.30	1013.29	1013.26	1013.30	1013.35	1013.27
	5	1013.39	1013.43	1013.49	1013.58	1013.63	1013.67	1013.72	1013.77	1013.82	1013.86	1013.93	1013.98	1013.69
	6	1014.02	1014.07	1014.15	1014.25	1014.28	1014.32	1014.29	1014.19	1014.14	1014.08	1014.05	1014.08	1014.16
	7	1014.10	1014.11	1014.14	1014.18	1014.18	1014.18	1014.22	1014.26	1014.31	1014.34	1014.40	1014.40	1014.23
	8	1014.41	1014.45	1014.49	1014.51	1014.46	1014.42	1014.41	1014.41	1014.43	1014.42	1014.36	1014.32	1014.42
	9	1014.32	1014.35	1014.38	1014.39	1014.39	1014.35	1014.32	1014.29	1014.28	1014.26	1014.25	1014.25	1014.32
	10	1014.19	1014.10	1014.07	1014.05	1014.00	1013.97	1013.91	1013.82	1013.77	1013.75	1013.77	1013.80	1013.93
	11	1013.79	1013.75	1013.72	1013.71	1013.71	1013.74	1013.76	1013.75	1013.79	1013.85	1013.87	1013.85	1013.77
	12	1013.80	1013.79	1013.82	1013.84	1013.81	1013.74	1013.67	1013.63	1013.60	1013.58	1013.56	1013.53	1013.70
	13	1013.50	1013.48	1013.48	1013.45	1013.40	1013.34	1013.33	1013.35	1013.33	1013.29	1013.24	1013.18	1013.36
	14	1013.14	1013.14	1013.14	1013.15	1013.17	1013.16	1013.17	1013.17	1013.18	1013.21	1013.23	1013.26	1013.17
	15	1013.27	1013.27	1013.28	1013.30	1013.28	1013.24	1013.17	1013.11	1013.08	1013.11	1013.15	1013.14	1013.20
	16	1013.13	1013.08	1013.02	1012.97	1012.94	1012.94	1012.97	1012.98	1012.97	1012.97	1013.00	1013.06	1013.00
	17	1013.11	1013.16	1013.22	1013.25	1013.27	1013.23	1013.21	1013.26	1013.27	1013.25	1013.29	1013.37	1013.24
	18	1013.44	1013.49	1013.50	1013.47	1013.46	1013.49	1013.51	1013.51	1013.50	1013.50	1013.52	1013.60	1013.50
	19	1013.71	1013.78	1013.83	1013.87	1013.91	1013.97	1014.04	1014.13	1014.19	1014.18	1014.18	1014.16	1013.99
	20	1014.10	1014.12	1014.16	1014.16	1014.22	1014.26	1014.23	1014.18	1014.15	1014.16	1014.17	1014.20	1014.17
	21	1014.25	1014.28	1014.31	1014.31	1014.28	1014.26	1014.24	1014.20	1014.17	1014.13	1014.07	1014.04	1014.21
	22	1014.03	1014.04	1014.04	1014.01	1013.99	1014.01	1014.04	1014.02	1013.97	1013.93	1013.91	1013.96	1013.99
	23	1014.01	1014.01	1013.94	1013.87	1013.81	1013.76	1013.72	1013.69	1013.68	1013.67	1013.67	1013.67	1013.79
10	0	1013.61	1013.60	1013.58	1013.56	1013.50	1013.43	1013.37	1013.33	1013.33	1013.31	1013.25	1013.17	1013.41
	1	1013.13	1013.14	1013.12	1013.08	1013.04	1013.04	1013.01	1012.98	1012.99	1012.97	1012.93	1012.94	1013.03
	2	1012.99	1013.05	1013.06	1013.04	1013.03	1013.01	1012.96	1012.91	1012.88	1012.87	1012.91	1012.96	1012.97
	3	1013.02	1013.07	1013.09	1013.09	1013.09	1013.07	1013.05	1013.11	1013.16	1013.17	1013.20	1013.23	1013.11
	4	1013.27	1013.29	1013.29	1013.24	1013.16	1013.12	1013.15	1013.25	1013.38	1013.42	1013.37	1013.33	1013.27
	5	1013.30	1013.30	1013.28	1013.22	1013.19	1013.15	1013.16	1013.24	1013.25	1013.20	1013.21	1013.22	1013.22
	6	1013.22	1013.23	1013.29	1013.32	1013.29	1013.26	1013.27	1013.28	1013.25	1013.21	1013.16	1013.10	1013.24
	7	1013.06	1013.05	1013.05	1013.08	1013.15	1013.24	1013.32	1013.37	1013.40	1013.46	1013.51	1013.54	1013.27
	8	1013.59	1013.64	1013.64	1013.63	1013.65	1013.69	1013.73	1013.74	1013.75	1013.78	1013.78	1013.77	1013.70
	9	1013.75	1013.73	1013.72	1013.74	1013.79	1013.81	1013.80	1013.78	1013.76	1013.75	1013.77	1013.82	1013.77
	10	1013.83	1013.81	1013.79	1013.78	1013.77	1013.77	1013.80	1013.81	1013.79	1013.77	1013.79	1013.81	1013.79
	11	1013.80	1013.75	1013.71	1013.71	1013.71	1013.70	1013.71	1013.69	1013.66	1013.65	1013.64	1013.64	1013.69
	12	1013.63	1013.62	1013.62	1013.60	1013.59	1013.58	1013.56	1013.53	1013.48	1013.46	1013.46	1013.44	1013.54
	13	1013.42	1013.39	1013.35	1013.32	1013.28	1013.23	1013.21	1013.21	1013.23	1013.26	1013.26	1013.22	1013.28
	14	1013.18	1013.16	1013.11	1013.03	1012.98	1013.01	1013.02	1012.97	1012.94	1012.94	1012.91	1012.85	1013.01
	15	1012.82	1012.84	1012.86	1012.88	1012.87	1012.82	1012.77	1012.75	1012.75	1012.75	1012.74	1012.72	1012.80
	16	1012.70	1012.67	1012.67	1012.67	1012.68	1012.67	1012.62	1012.57	1012.56	1012.57	1012.56	1012.58	1012.62
	17	1012.62	1012.61	1012.61	1012.65	1012.68	1012.70	1012.68	1012.63	1012.62	1012.59	1012.49	1012.40	1012.60
	18	1012.36	1012.33	1012.33	1012.33	1012.31	1012.31	1012.32	1012.33	1012.37	1012.43	1012.50	1012.55	1012.37
	19	1012.56	1012.60	1012.70	1012.79	1012.79	1012.81	1012.87	1012.90	1012.93	1012.94	1012.95	1012.96	1012.81
	20	1012.98	1013.02	1013.06	1013.09	1013.13	1013.18	1013.20	1013.18	1013.18	1013.17	1013.14	1013.12	1013.12
	21	1013.12	1013.11	1013.08	1013.09	1013.13	1013.17	1013.19	1013.19	1013.19	1013.19	1013.18	1013.20	1013.15
	22	1013.22	1013.22	1013.23	1013.21	1013.17	1013.14	1013.12	1013.11	1013.10	1013.07	1013.03	1013.04	1013.13
	23	1013.05	1013.05	1013.04	1013.02	1012.99	1012.90	1012.81	1012.73	1012.63	1012.55	1012.47	1012.39	1012.80

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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	1012.29	1012.27	1012.22	1012.19	1012.19	1012.21	1012.22	1012.20	1012.17	1012.13	1012.07	1011.99	1012.17
	1	1011.93	1011.90	1011.88	1011.86	1011.81	1011.75	1011.73	1011.72	1011.68	1011.61	1011.54	1011.48	1011.74
	2	1011.42	1011.36	1011.33	1011.32	1011.28	1011.24	1011.21	1011.15	1011.09	1011.06	1011.06	1011.06	1011.21
	3	1011.06	1011.06	1011.07	1011.06	1011.04	1011.03	1011.02	1011.01	1010.99	1010.98	1010.95	1010.91	1011.01
	4	1010.88	1010.87	1010.89	1010.89	1010.87	1010.88	1010.85	1010.84	1010.87	1010.90	1010.92	1010.94	1010.88
	5	1010.97	1011.01	1011.03	1011.03	1011.05	1011.08	1011.10	1011.11	1011.12	1011.13	1011.14	1011.15	1011.07
	6	1011.18	1011.22	1011.24	1011.22	1011.23	1011.24	1011.25	1011.26	1011.24	1011.23	1011.21	1011.19	1011.22
	7	1011.17	1011.15	1011.15	1011.14	1011.16	1011.16	1011.13	1011.10	1011.07	1011.04	1011.05	1011.08	1011.11
	8	1011.06	1011.03	1011.04	1011.06	1011.07	1011.05	1011.01	1011.02	1011.06	1011.09	1011.13	1011.14	1011.06
	9	1011.13	1011.12	1011.10	1011.12	1011.16	1011.16	1011.19	1011.18	1011.11	1011.07	1011.10	1011.15	1011.13
	10	1011.12	1011.08	1011.03	1011.01	1011.00	1010.98	1010.93	1010.83	1010.73	1010.67	1010.66	1010.65	1010.89
	11	1010.59	1010.55	1010.50	1010.38	1010.29	1010.29	1010.27	1010.27	1010.29	1010.26	1010.28	1010.27	1010.35
	12	1010.27	1010.29	1010.28	1010.28	1010.28	1010.25	1010.18	1010.16	1010.13	1010.08	1010.11	1010.11	1010.20
	13	1010.10	1010.11	1010.11	1010.11	1010.11	1010.09	1010.07	1010.02	1009.98	1009.98	1009.96	1009.92	1010.04
	14	1009.85	1009.85	1009.87	1009.88	1009.91	1009.95	1009.98	1009.96	1009.92	1009.90	1009.85	1009.75	1009.89
	15	1009.69	1009.65	1009.61	1009.56	1009.56	1009.59	1009.63	1009.67	1009.68	1009.69	1009.71	1009.77	1009.65
	16	1009.80	1009.78	1009.76	1009.80	1009.83	1009.83	1009.86	1009.86	1009.84	1009.82	1009.83	1009.86	1009.82
	17	1009.88	1009.88	1009.91	1009.93	1009.94	1009.91	1009.89	1009.89	1009.85	1009.81	1009.82	1009.87	1009.88
	18	1009.92	1009.94	1009.96	1010.04	1010.14	1010.21	1010.26	1010.32	1010.40	1010.48	1010.54	1010.58	1010.23
	19	1010.59	1010.61	1010.65	1010.73	1010.80	1010.83	1010.87	1010.92	1010.94	1010.97	1011.00	1011.06	1010.83
	20	1011.12	1011.14	1011.13	1011.13	1011.14	1011.13	1011.11	1011.09	1011.07	1011.07	1011.08	1011.08	1011.11
	21	1011.05	1011.06	1011.08	1011.03	1010.95	1010.90	1010.87	1010.89	1010.93	1010.97	1011.01	1011.06	1010.98
	22	1011.05	1010.98	1010.93	1010.93	1010.94	1010.97	1010.98	1010.96	1010.93	1010.91	1010.93	1010.92	1010.95
	23	1010.88	1010.83	1010.74	1010.64	1010.63	1010.66	1010.67	1010.67	1010.68	1010.68	1010.62	1010.54	1010.68
12	0	1010.48	1010.47	1010.39	1010.30	1010.26	1010.24	1010.22	1010.22	1010.21	1010.19	1010.16	1010.10	1010.26
	1	1010.09	1010.09	1010.07	1010.04	1010.00	1009.98	1009.96	1009.94	1009.91	1009.86	1009.85	1009.87	1009.97
	2	1009.89	1009.86	1009.80	1009.74	1009.69	1009.68	1009.68	1009.68	1009.68	1009.65	1009.59	1009.59	1009.71
	3	1009.59	1009.58	1009.58	1009.59	1009.61	1009.62	1009.65	1009.67	1009.70	1009.72	1009.74	1009.75	1009.65
	4	1009.77	1009.80	1009.84	1009.88	1009.93	1009.94	1009.94	1009.94	1009.90	1009.89	1009.88	1009.84	1009.88
	5	1009.83	1009.85	1009.87	1009.87	1009.90	1009.94	1009.98	1010.02	1010.05	1010.11	1010.18	1010.22	1009.98
	6	1010.21	1010.21	1010.22	1010.25	1010.26	1010.27	1010.29	1010.27	1010.24	1010.24	1010.25	1010.24	1010.24
	7	1010.25	1010.24	1010.26	1010.27	1010.27	1010.27	1010.28	1010.33	1010.37	1010.38	1010.37	1010.37	1010.30
	8	1010.38	1010.35	1010.34	1010.35	1010.37	1010.39	1010.39	1010.36	1010.33	1010.33	1010.35	1010.37	1010.36
	9	1010.38	1010.36	1010.34	1010.34	1010.32	1010.29	1010.26	1010.25	1010.25	1010.19	1010.20	1010.23	1010.28
	10	1010.21	1010.21	1010.20	1010.19	1010.20	1010.18	1010.19	1010.23	1010.25	1010.22	1010.22	1010.25	1010.21
	11	1010.23	1010.23	1010.23	1010.18	1010.14	1010.14	1010.15	1010.12	1010.10	1010.16	1010.16	1010.09	1010.16
	12	1010.06	1010.01	1009.95	1009.91	1009.87	1009.83	1009.78	1009.75	1009.71	1009.68	1009.71	1009.72	1009.83
	13	1009.67	1009.62	1009.55	1009.45	1009.37	1009.31	1009.34	1009.32	1009.24	1009.22	1009.20	1009.18	1009.37
	14	1009.17	1009.21	1009.24	1009.25	1009.30	1009.35	1009.41	1009.42	1009.40	1009.43	1009.44	1009.38	1009.33
	15	1009.33	1009.31	1009.33	1009.29	1009.26	1009.29	1009.29	1009.27	1009.27	1009.34	1009.40	1009.42	1009.31
	16	1009.48	1009.52	1009.52	1009.54	1009.58	1009.62	1009.69	1009.76	1009.84	1009.86	1009.84	1009.86	1009.67
	17	1009.86	1009.83	1009.85	1009.87	1009.87	1009.80	1009.74	1009.78	1009.87	1009.95	1010.03	1010.12	1009.88
	18	1010.19	1010.22	1010.24	1010.23	1010.24	1010.32	1010.41	1010.46	1010.52	1010.57	1010.60	1010.62	1010.38
	19	1010.66	1010.67	1010.66	1010.67	1010.68	1010.75	1010.84	1010.91	1010.99	1011.07	1011.12	1011.15	1010.85
	20	1011.16	1011.19	1011.26	1011.30	1011.29	1011.32	1011.36	1011.39	1011.38	1011.34	1011.31	1011.32	1011.30
	21	1011.29	1011.26	1011.22	1011.17	1011.13	1011.10	1011.11	1011.13	1011.15	1011.14	1011.13	1011.13	1011.16
	22	1011.10	1011.06	1011.10	1011.17	1011.20	1011.24	1011.27	1011.24	1011.22	1011.21	1011.25	1011.29	1011.19
	23	1011.31	1011.33	1011.36	1011.41	1011.38	1011.32	1011.29	1011.29	1011.29	1011.26	1011.23	1011.20	1011.30

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

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
13	0	1011.09	1011.08	1011.09	1011.13	1011.15	1011.18	1011.19	1011.21	1011.25	1011.26	1011.27	1011.28	1011.18
	1	1011.29	1011.31	1011.27	1011.24	1011.28	1011.30	1011.33	1011.35	1011.34	1011.31	1011.29	1011.28	1011.30
	2	1011.28	1011.29	1011.27	1011.26	1011.28	1011.31	1011.36	1011.42	1011.48	1011.54	1011.60	1011.67	1011.39
	3	1011.73	1011.82	1011.87	1011.85	1011.83	1011.83	1011.84	1011.85	1011.89	1011.89	1011.88	1011.94	1011.85
	4	1012.03	1012.10	1012.17	1012.22	1012.25	1012.26	1012.28	1012.29	1012.29	1012.32	1012.36	1012.41	1012.25
	5	1012.44	1012.43	1012.47	1012.54	1012.61	1012.66	1012.68	1012.68	1012.67	1012.70	1012.73	1012.79	1012.62
	6	1012.84	1012.86	1012.88	1012.89	1012.92	1012.95	1012.96	1012.95	1012.92	1012.86	1012.86	1012.94	1012.90
	7	1012.99	1013.00	1013.02	1013.08	1013.09	1013.04	1013.02	1013.01	1012.95	1012.89	1012.89	1012.97	1012.99
	8	1013.06	1013.13	1013.16	1013.20	1013.28	1013.32	1013.36	1013.38	1013.31	1013.25	1013.24	1013.21	1013.24
	9	1013.17	1013.23	1013.30	1013.33	1013.29	1013.21	1013.23	1013.29	1013.30	1013.22	1013.18	1013.16	1013.24
	10	1013.09	1013.10	1013.12	1013.13	1013.15	1013.15	1013.18	1013.20	1013.11	1012.97	1012.94	1012.93	1013.09
	11	1012.90	1012.90	1012.83	1012.77	1012.73	1012.64	1012.63	1012.68	1012.66	1012.63	1012.63	1012.63	1012.72
	12	1012.60	1012.58	1012.59	1012.58	1012.54	1012.50	1012.46	1012.47	1012.57	1012.59	1012.57	1012.58	1012.55
	13	1012.57	1012.58	1012.59	1012.58	1012.59	1012.58	1012.51	1012.45	1012.42	1012.36	1012.31	1012.28	1012.48
	14	1012.34	1012.40	1012.40	1012.38	1012.41	1012.42	1012.41	1012.39	1012.39	1012.45	1012.48	1012.52	1012.41
	15	1012.53	1012.51	1012.55	1012.58	1012.55	1012.57	1012.60	1012.54	1012.45	1012.44	1012.45	1012.50	1012.52
	16	1012.55	1012.52	1012.49	1012.42	1012.36	1012.39	1012.38	1012.38	1012.43	1012.47	1012.49	1012.52	1012.45
	17	1012.55	1012.56	1012.55	1012.56	1012.56	1012.53	1012.52	1012.53	1012.57	1012.61	1012.61	1012.59	1012.56
	18	1012.59	1012.62	1012.65	1012.68	1012.71	1012.76	1012.83	1012.92	1013.01	1013.07	1013.14	1013.22	1012.85
	19	1013.29	1013.37	1013.44	1013.49	1013.51	1013.54	1013.62	1013.68	1013.73	1013.80	1013.85	1013.88	1013.60
	20	1013.90	1013.95	1013.97	1013.97	1013.97	1014.01	1014.04	1014.06	1014.06	1014.07	1014.09	1014.08	1014.01
	21	1014.08	1014.11	1014.14	1014.18	1014.22	1014.26	1014.25	1014.22	1014.22	1014.23	1014.22	1014.20	1014.19
	22	1014.21	1014.24	1014.25	1014.25	1014.23	1014.22	1014.23	1014.24	1014.23	1014.21	1014.19	1014.18	1014.22
	23	1014.16	1014.14	1014.12	1014.13	1014.19	1014.24	1014.26	1014.25	1014.24	1014.24	1014.25	1014.25	1014.20
14	0	1014.27	1014.28	1014.28	1014.25	1014.23	1014.21	1014.15	1014.08	1014.06	1014.06	1014.06	1014.03	1014.16
	1	1013.98	1013.96	1013.96	1013.98	1013.99	1013.97	1013.94	1013.93	1013.92	1013.89	1013.84	1013.81	1013.93
	2	1013.81	1013.80	1013.80	1013.87	1013.94	1013.94	1013.93	1013.93	1013.90	1013.88	1013.87	1013.88	1013.88
	3	1013.90	1013.90	1013.88	1013.88	1013.91	1013.95	1014.00	1014.06	1014.11	1014.16	1014.21	1014.27	1014.02
	4	1014.32	1014.35	1014.39	1014.44	1014.48	1014.52	1014.57	1014.60	1014.64	1014.67	1014.71	1014.77	1014.54
	5	1014.79	1014.77	1014.75	1014.74	1014.73	1014.74	1014.76	1014.84	1014.93	1014.96	1014.96	1015.00	1014.83
	6	1015.06	1015.14	1015.17	1015.12	1015.10	1015.09	1015.08	1015.02	1014.98	1014.97	1014.93	1014.89	1015.04
	7	1014.87	1014.84	1014.79	1014.77	1014.76	1014.72	1014.70	1014.69	1014.65	1014.61	1014.60	1014.57	1014.71
	8	1014.49	1014.42	1014.39	1014.32	1014.25	1014.25	1014.23	1014.21	1014.22	1014.25	1014.31	1014.30	1014.30
	9	1014.25	1014.23	1014.24	1014.24	1014.23	1014.23	1014.23	1014.20	1014.21	1014.21	1014.18	1014.16	1014.21
	10	1014.13	1014.09	1014.03	1013.99	1013.95	1013.90	1013.88	1013.83	1013.78	1013.76	1013.72	1013.66	1013.89
	11	1013.61	1013.60	1013.61	1013.62	1013.56	1013.45	1013.38	1013.37	1013.33	1013.26	1013.21	1013.18	1013.43
	12	1013.18	1013.20	1013.18	1013.15	1013.10	1013.10	1013.09	1013.00	1012.94	1012.94	1012.95	1012.94	1013.06
	13	1012.88	1012.83	1012.83	1012.83	1012.81	1012.80	1012.76	1012.72	1012.71	1012.72	1012.67	1012.62	1012.76
	14	1012.58	1012.53	1012.48	1012.42	1012.38	1012.33	1012.30	1012.28	1012.21	1012.16	1012.12	1012.04	1012.32
	15	1011.99	1011.98	1011.97	1011.97	1011.98	1011.97	1011.96	1011.94	1011.90	1011.89	1011.89	1011.88	1011.94
	16	1011.89	1011.89	1011.85	1011.83	1011.84	1011.83	1011.82	1011.81	1011.77	1011.72	1011.70	1011.70	1011.80
	17	1011.76	1011.84	1011.92	1011.93	1011.86	1011.82	1011.81	1011.83	1011.87	1011.90	1011.91	1011.90	1011.86
	18	1011.83	1011.76	1011.69	1011.62	1011.63	1011.66	1011.66	1011.68	1011.67	1011.65	1011.64	1011.61	1011.67
	19	1011.61	1011.62	1011.65	1011.70	1011.73	1011.76	1011.72	1011.61	1011.52	1011.44	1011.38	1011.37	1011.59
	20	1011.43	1011.56	1011.64	1011.64	1011.66	1011.69	1011.68	1011.65	1011.60	1011.55	1011.47	1011.42	1011.58
	21	1011.39	1011.35	1011.30	1011.28	1011.26	1011.21	1011.15	1011.10	1011.07	1011.03	1010.96	1010.85	1011.16
	22	1010.76	1010.68	1010.60	1010.58	1010.54	1010.46	1010.41	1010.38	1010.35	1010.30	1010.27	1010.26	1010.46
	23	1010.24	1010.18	1010.12	1010.09	1010.14	1010.19	1010.25	1010.29	1010.26	1010.25	1010.24	1010.21	1010.20

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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
15	0	1010.18	1010.21	1010.17	1010.07	1010.00	1009.95	1009.89	1009.79	1009.72	1009.65	1009.58	1009.48	1009.88
	1	1009.36	1009.31	1009.23	1009.15	1009.14	1009.13	1009.06	1008.99	1008.97	1008.99	1009.02	1009.05	1009.11
	2	1009.10	1009.07	1008.93	1008.79	1008.77	1008.79	1008.74	1008.70	1008.68	1008.68	1008.69	1008.62	1008.79
	3	1008.56	1008.58	1008.58	1008.54	1008.55	1008.65	1008.68	1008.69	1008.76	1008.73	1008.76	1008.79	1008.65
	4	1008.74	1008.76	1008.84	1008.79	1008.74	1008.84	1008.96	1008.97	1008.94	1008.91	1008.82	1008.70	1008.83
	5	1008.65	1008.66	1008.67	1008.63	1008.51	1008.43	1008.46	1008.45	1008.46	1008.54	1008.61	1008.71	1008.56
	6	1008.74	1008.65	1008.61	1008.62	1008.59	1008.57	1008.60	1008.60	1008.66	1008.78	1008.75	1008.66	1008.65
	7	1008.64	1008.67	1008.65	1008.59	1008.57	1008.55	1008.52	1008.47	1008.39	1008.32	1008.31	1008.30	1008.50
	8	1008.28	1008.32	1008.36	1008.28	1008.28	1008.33	1008.29	1008.28	1008.27	1008.27	1008.23	1008.15	1008.28
	9	1008.17	1008.19	1008.10	1008.06	1008.07	1008.01	1007.92	1007.86	1007.82	1007.79	1007.75	1007.73	1007.95
	10	1007.80	1007.86	1007.89	1007.90	1007.93	1007.94	1007.95	1007.98	1008.00	1007.99	1007.93	1007.86	1007.92
	11	1007.84	1007.83	1007.79	1007.77	1007.78	1007.70	1007.55	1007.45	1007.47	1007.57	1007.59	1007.56	1007.66
	12	1007.52	1007.43	1007.36	1007.39	1007.33	1007.09	1007.01	1007.02	1006.95	1006.95	1006.97	1007.00	1007.17
	13	1007.00	1006.92	1006.83	1006.72	1006.65	1006.61	1006.57	1006.63	1006.69	1006.68	1006.68	1006.67	1006.72
	14	1006.60	1006.49	1006.47	1006.50	1006.52	1006.50	1006.45	1006.44	1006.36	1006.28	1006.25	1006.20	1006.42
	15	1006.17	1006.23	1006.31	1006.30	1006.23	1006.22	1006.23	1006.21	1006.22	1006.23	1006.26	1006.22	1006.23
	16	1006.13	1006.14	1006.13	1006.03	1005.84	1005.74	1005.72	1005.70	1005.74	1005.81	1005.84	1005.91	1005.89
	17	1006.00	1005.98	1005.92	1005.89	1005.88	1005.76	1005.71	1005.76	1005.81	1005.86	1005.85	1005.86	1005.85
	18	1005.85	1005.80	1005.79	1005.74	1005.67	1005.58	1005.53	1005.59	1005.60	1005.63	1005.72	1005.74	1005.68
	19	1005.72	1005.62	1005.48	1005.45	1005.40	1005.29	1005.20	1005.24	1005.36	1005.39	1005.32	1005.20	1005.39
	20	1005.12	1005.14	1005.12	1005.05	1005.03	1005.03	1005.04	1005.01	1004.94	1004.89	1004.83	1004.76	1004.99
	21	1004.63	1004.56	1004.61	1004.67	1004.73	1004.80	1004.86	1004.75	1004.57	1004.42	1004.30	1004.23	1004.59
	22	1004.16	1004.05	1003.90	1003.87	1003.89	1003.83	1003.70	1003.53	1003.41	1003.34	1003.31	1003.32	1003.69
	23	1003.27	1003.11	1002.94	1002.82	1002.73	1002.54	1002.27	1002.15	1002.07	1001.98	1001.95	1001.88	1002.47
16	0	1001.78	1001.83	1001.85	1001.81	1001.76	1001.64	1001.48	1001.41	1001.37	1001.21	1001.00	1000.83	1001.48
	1	1000.72	1000.61	1000.48	1000.38	1000.27	1000.13	1000.02	999.97	999.89	999.84	999.81	999.76	1000.15
	2	999.72	999.62	999.46	999.23	999.13	999.09	999.02	999.03	998.98	998.97	999.02	999.01	999.19
	3	998.94	998.96	999.03	998.95	998.86	998.79	998.88	999.07	999.25	999.45	999.79	1000.16	999.18
	4	1000.42	1000.63	1000.63	1000.70	1001.09	1001.42	1001.22	1000.55	999.84	999.42	999.23	999.19	1000.36
	5	999.32	999.30	999.15	999.17	999.23	999.32	999.44	999.51	999.54	999.55	999.57	999.66	999.39
	6	999.81	999.74	999.59	999.58	999.66	999.80	999.88	999.89	999.82	999.60	999.46	999.42	999.69
	7	999.40	999.42	999.45	999.57	999.77	999.87	999.84	999.94	1000.10	1000.16	1000.11	1000.10	999.81
	8	1000.26	1000.38	1000.43	1000.62	1000.84	1000.87	1000.78	1000.73	1000.79	1000.85	1000.84	1000.97	1000.69
	9	1001.11	1001.08	1001.01	1000.96	1000.94	1000.98	1000.96	1000.87	1000.74	1000.76	1000.71	1000.44	1000.88
	10	1000.30	1000.26	1000.34	1000.42	1000.39	1000.40	1000.42	1000.44	1000.41	1000.41	1000.46	1000.52	1000.39
	11	1000.55	1000.61	1000.60	1000.53	1000.50	1000.49	1000.49	1000.45	1000.37	1000.34	1000.33	1000.26	1000.46
	12	1000.14	1000.05	1000.00	999.93	999.85	999.83	999.80	999.76	999.73	999.69	999.64	999.53	999.83
	13	999.43	999.34	999.30	999.27	999.20	999.19	999.19	999.18	999.18	999.21	999.22	999.19	999.24
	14	999.16	999.13	999.14	999.16	999.13	999.10	999.07	999.05	999.08	999.14	999.19	999.22	999.13
	15	999.24	999.28	999.31	999.31	999.30	999.28	999.27	999.25	999.22	999.19	999.15	999.16	999.24
	16	999.20	999.24	999.28	999.31	999.33	999.33	999.34	999.35	999.32	999.29	999.27	999.32	999.30
	17	999.37	999.36	999.36	999.38	999.39	999.40	999.41	999.37	999.34	999.33	999.32	999.26	999.36
	18	999.20	999.18	999.17	999.15	999.11	999.11	999.14	999.17	999.20	999.20	999.17	999.17	999.16
	19	999.24	999.29	999.35	999.40	999.41	999.39	999.34	999.28	999.27	999.30	999.35	999.40	999.33
	20	999.42	999.37	999.31	999.29	999.33	999.32	999.25	999.22	999.25	999.25	999.22	999.24	999.29
	21	999.26	999.29	999.36	999.47	999.56	999.66	999.78	999.83	999.81	999.84	999.97	1000.12	999.66
	22	1000.22	1000.27	1000.27	1000.29	1000.35	1000.36	1000.33	1000.31	1000.27	1000.18	1000.14	1000.15	1000.26
	23	1000.08	1000.03	1000.10	1000.22	1000.27	1000.28	1000.21	1000.13	1000.11	1000.14	1000.12	999.98	1000.14



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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	999.91	999.94	999.95	999.93	999.91	999.87	999.85	999.92	1000.00	1000.10	1000.12	1000.07	999.96
	1	1000.11	1000.17	1000.22	1000.26	1000.31	1000.41	1000.47	1000.46	1000.35	1000.28	1000.28	1000.25	1000.29
	2	1000.27	1000.36	1000.39	1000.33	1000.30	1000.35	1000.36	1000.34	1000.29	1000.24	1000.26	1000.23	1000.31
	3	1000.19	1000.16	1000.13	1000.12	1000.09	1000.11	1000.17	1000.18	1000.20	1000.29	1000.39	1000.49	1000.21
	4	1000.63	1000.75	1000.78	1000.76	1000.77	1000.80	1000.86	1000.87	1000.88	1000.89	1000.87	1000.96	1000.82
	5	1001.09	1001.18	1001.17	1001.21	1001.29	1001.39	1001.48	1001.50	1001.51	1001.56	1001.64	1001.72	1001.39
	6	1001.75	1001.74	1001.74	1001.76	1001.75	1001.72	1001.71	1001.72	1001.73	1001.72	1001.78	1001.86	1001.75
	7	1001.90	1001.99	1002.16	1002.23	1002.25	1002.39	1002.40	1002.35	1002.50	1002.79	1002.94	1003.00	1002.41
	8	1003.17	1003.29	1003.42	1003.73	1003.99	1004.08	1004.17	1004.21	1004.31	1004.62	1005.02	1005.26	1004.10
	9	1005.26	1005.22	1005.17	1005.11	1005.11	1005.15	1005.20	1005.29	1005.48	1005.69	1005.83	1005.89	1005.37
	10	1005.95	1005.94	1005.89	1005.88	1005.95	1006.00	1006.05	1006.07	1006.06	1006.11	1006.16	1006.26	1006.02
	11	1006.39	1006.47	1006.57	1006.67	1006.69	1006.68	1006.70	1006.73	1006.80	1006.93	1007.05	1007.14	1006.73
	12	1007.21	1007.32	1007.41	1007.47	1007.48	1007.52	1007.58	1007.61	1007.65	1007.67	1007.66	1007.68	1007.52
	13	1007.68	1007.66	1007.65	1007.65	1007.68	1007.75	1007.76	1007.70	1007.73	1007.84	1007.90	1007.93	1007.74
	14	1007.93	1007.97	1008.02	1008.00	1007.99	1008.06	1008.15	1008.22	1008.23	1008.21	1008.15	1008.08	1008.08
	15	1008.10	1008.19	1008.19	1008.09	1008.13	1008.23	1008.36	1008.50	1008.53	1008.55	1008.56	1008.59	1008.33
	16	1008.62	1008.60	1008.62	1008.71	1008.80	1008.83	1008.82	1008.85	1008.93	1009.04	1009.12	1009.16	1008.84
	17	1009.21	1009.30	1009.41	1009.48	1009.50	1009.52	1009.59	1009.64	1009.67	1009.72	1009.79	1009.87	1009.56
	18	1009.97	1010.08	1010.15	1010.19	1010.21	1010.23	1010.31	1010.37	1010.44	1010.51	1010.58	1010.64	1010.30
	19	1010.67	1010.70	1010.75	1010.84	1010.92	1010.98	1011.00	1010.99	1011.01	1011.07	1011.15	1011.26	1010.94
	20	1011.35	1011.39	1011.43	1011.51	1011.58	1011.64	1011.69	1011.69	1011.67	1011.67	1011.68	1011.72	1011.58
	21	1011.76	1011.79	1011.81	1011.81	1011.81	1011.85	1011.89	1011.91	1011.93	1012.00	1012.13	1012.19	1011.90
	22	1012.21	1012.28	1012.31	1012.32	1012.34	1012.37	1012.42	1012.42	1012.39	1012.36	1012.39	1012.49	1012.36
	23	1012.56	1012.59	1012.59	1012.60	1012.65	1012.68	1012.69	1012.71	1012.75	1012.77	1012.75	1012.75	1012.67
18	0	1012.78	1012.81	1012.81	1012.80	1012.83	1012.87	1012.90	1012.92	1012.92	1012.89	1012.85	1012.80	1012.85
	1	1012.76	1012.77	1012.78	1012.80	1012.81	1012.83	1012.84	1012.84	1012.86	1012.89	1012.87	1012.82	1012.82
	2	1012.80	1012.81	1012.85	1012.88	1012.85	1012.82	1012.82	1012.81	1012.78	1012.77	1012.79	1012.78	1012.81
	3	1012.73	1012.70	1012.68	1012.69	1012.73	1012.76	1012.81	1012.83	1012.82	1012.85	1012.90	1012.97	1012.79
	4	1013.04	1013.09	1013.11	1013.18	1013.27	1013.33	1013.39	1013.42	1013.47	1013.53	1013.55	1013.53	1013.32
	5	1013.55	1013.58	1013.59	1013.61	1013.64	1013.64	1013.64	1013.64	1013.70	1013.81	1013.87	1013.87	1013.68
	6	1013.82	1013.78	1013.75	1013.69	1013.66	1013.66	1013.68	1013.78	1013.88	1013.96	1013.96	1013.92	1013.79
	7	1013.90	1013.91	1013.96	1013.94	1013.91	1013.93	1013.93	1013.96	1013.99	1014.03	1014.09	1014.12	1013.97
	8	1014.15	1014.19	1014.20	1014.22	1014.22	1014.15	1014.02	1013.92	1013.87	1013.86	1013.87	1013.88	1014.04
	9	1013.85	1013.68	1013.56	1013.56	1013.43	1013.25	1013.13	1012.99	1012.92	1012.91	1012.95	1013.06	1013.27
	10	1013.09	1013.06	1012.98	1012.92	1012.92	1012.87	1012.79	1012.72	1012.68	1012.66	1012.61	1012.53	1012.82
	11	1012.49	1012.45	1012.39	1012.35	1012.31	1012.29	1012.30	1012.30	1012.29	1012.27	1012.24	1012.21	1012.32
	12	1012.12	1012.03	1011.99	1012.13	1012.47	1012.80	1012.85	1012.52	1012.13	1011.93	1011.88	1011.92	1012.23
	13	1011.95	1011.91	1011.93	1011.88	1011.62	1011.41	1011.40	1011.37	1011.19	1011.07	1010.98	1010.79	1011.46
	14	1010.60	1010.53	1010.49	1010.48	1010.54	1010.56	1010.51	1010.48	1010.48	1010.42	1010.33	1010.29	1010.47
	15	1010.27	1010.24	1010.22	1010.17	1010.12	1010.08	1010.03	1009.99	1009.97	1009.92	1009.86	1009.84	1010.06
	16	1009.79	1009.70	1009.67	1009.62	1009.58	1009.59	1009.61	1009.60	1009.54	1009.52	1009.52	1009.53	1009.60
	17	1009.57	1009.60	1009.61	1009.63	1009.64	1009.62	1009.59	1009.62	1009.65	1009.65	1009.65	1009.66	1009.62
	18	1009.65	1009.61	1009.61	1009.67	1009.73	1009.75	1009.73	1009.77	1009.83	1009.86	1009.90	1009.93	1009.75
	19	1009.94	1009.94	1009.89	1009.84	1009.81	1009.80	1009.82	1009.85	1009.88	1009.88	1009.87	1009.86	1009.86
	20	1009.83	1009.79	1009.75	1009.68	1009.60	1009.56	1009.55	1009.54	1009.58	1009.58	1009.51	1009.42	1009.61
	21	1009.34	1009.33	1009.36	1009.29	1009.19	1009.16	1009.09	1008.96	1008.83	1008.72	1008.59	1008.47	1009.03
	22	1008.44	1008.49	1008.52	1008.49	1008.48	1008.50	1008.50	1008.48	1008.50	1008.54	1008.57	1008.62	1008.51
	23	1008.63	1008.68	1008.78	1008.84	1008.85	1008.93	1009.03	1009.10	1009.12	1009.08	1009.13	1009.18	1008.94

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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
19	0	1009.04	1009.13	1009.20	1009.11	1009.08	1009.07	1009.08	1009.11	1009.08	1009.09	1009.12	1009.12	1009.10
	1	1009.08	1009.06	1008.99	1008.95	1009.03	1009.10	1009.11	1009.10	1009.12	1009.18	1009.21	1009.25	1009.10
	2	1009.32	1009.32	1009.30	1009.33	1009.33	1009.35	1009.38	1009.38	1009.33	1009.33	1009.45	1009.57	1009.36
	3	1009.65	1009.73	1009.82	1009.90	1009.98	1010.04	1010.09	1010.15	1010.25	1010.40	1010.51	1010.54	1010.09
	4	1010.59	1010.61	1010.66	1010.73	1010.75	1010.77	1010.80	1010.84	1010.85	1010.85	1010.90	1010.95	1010.77
	5	1011.02	1011.14	1011.25	1011.34	1011.40	1011.40	1011.48	1011.61	1011.68	1011.81	1011.90	1011.94	1011.49
	6	1012.04	1012.14	1012.20	1012.27	1012.38	1012.47	1012.48	1012.54	1012.65	1012.69	1012.66	1012.69	1012.43
	7	1012.74	1012.77	1012.77	1012.79	1012.85	1012.87	1012.94	1013.01	1012.99	1013.04	1013.07	1013.08	1012.91
	8	1013.12	1013.13	1013.13	1013.12	1013.11	1013.14	1013.17	1013.19	1013.25	1013.28	1013.32	1013.38	1013.19
	9	1013.39	1013.40	1013.49	1013.56	1013.64	1013.66	1013.65	1013.66	1013.74	1013.84	1013.93	1014.01	1013.66
	10	1014.06	1014.13	1014.21	1014.25	1014.29	1014.38	1014.44	1014.44	1014.44	1014.45	1014.49	1014.53	1014.34
	11	1014.55	1014.55	1014.61	1014.68	1014.68	1014.73	1014.82	1014.85	1014.90	1014.92	1014.89	1014.86	1014.75
	12	1014.88	1014.91	1014.98	1015.04	1015.03	1015.00	1015.01	1015.07	1015.13	1015.16	1015.17	1015.22	1015.05
	13	1015.25	1015.30	1015.38	1015.40	1015.39	1015.39	1015.39	1015.37	1015.39	1015.38	1015.36	1015.40	1015.37
	14	1015.42	1015.45	1015.48	1015.48	1015.47	1015.48	1015.48	1015.45	1015.49	1015.52	1015.51	1015.54	1015.48
	15	1015.54	1015.45	1015.42	1015.42	1015.43	1015.46	1015.49	1015.56	1015.56	1015.50	1015.48	1015.51	1015.48
	16	1015.56	1015.56	1015.53	1015.58	1015.59	1015.58	1015.61	1015.62	1015.65	1015.72	1015.77	1015.79	1015.63
	17	1015.81	1015.84	1015.85	1015.83	1015.86	1015.91	1015.93	1015.96	1015.99	1016.00	1016.02	1016.04	1015.92
	18	1016.06	1016.07	1016.06	1016.03	1016.05	1016.09	1016.14	1016.22	1016.27	1016.26	1016.23	1016.23	1016.14
	19	1016.28	1016.34	1016.37	1016.39	1016.43	1016.50	1016.57	1016.60	1016.61	1016.63	1016.66	1016.71	1016.51
	20	1016.76	1016.77	1016.80	1016.82	1016.82	1016.85	1016.88	1016.90	1016.91	1016.92	1016.93	1016.91	1016.85
	21	1016.88	1016.87	1016.87	1016.87	1016.89	1016.90	1016.93	1016.96	1016.96	1016.99	1017.01	1017.02	1016.93
	22	1017.00	1016.99	1017.03	1017.09	1017.13	1017.14	1017.18	1017.17	1017.15	1017.16	1017.19	1017.20	1017.12
	23	1017.21	1017.23	1017.22	1017.25	1017.27	1017.23	1017.21	1017.20	1017.19	1017.18	1017.16	1017.13	1017.20
20	0	1017.12	1017.13	1017.20	1017.29	1017.32	1017.36	1017.39	1017.39	1017.38	1017.39	1017.42	1017.42	1017.32
	1	1017.39	1017.37	1017.36	1017.34	1017.36	1017.37	1017.34	1017.30	1017.30	1017.31	1017.30	1017.28	1017.33
	2	1017.28	1017.30	1017.31	1017.31	1017.32	1017.30	1017.25	1017.23	1017.20	1017.15	1017.12	1017.15	1017.24
	3	1017.16	1017.16	1017.16	1017.16	1017.14	1017.10	1017.08	1017.08	1017.09	1017.11	1017.13	1017.20	1017.13
	4	1017.30	1017.37	1017.40	1017.44	1017.40	1017.38	1017.41	1017.40	1017.37	1017.35	1017.34	1017.37	1017.38
	5	1017.45	1017.52	1017.57	1017.60	1017.62	1017.64	1017.67	1017.69	1017.70	1017.69	1017.69	1017.70	1017.63
	6	1017.73	1017.75	1017.78	1017.83	1017.88	1017.92	1017.96	1018.01	1018.06	1018.09	1018.11	1018.15	1017.94
	7	1018.16	1018.14	1018.12	1018.08	1018.06	1018.04	1018.06	1018.11	1018.12	1018.09	1018.07	1018.08	1018.09
	8	1018.16	1018.19	1018.11	1018.07	1018.11	1018.17	1018.23	1018.32	1018.39	1018.40	1018.37	1018.37	1018.24
	9	1018.41	1018.45	1018.49	1018.46	1018.45	1018.50	1018.51	1018.50	1018.50	1018.59	1018.68	1018.65	1018.51
	10	1018.62	1018.64	1018.64	1018.70	1018.69	1018.62	1018.63	1018.67	1018.67	1018.68	1018.72	1018.63	1018.66
	11	1018.55	1018.51	1018.52	1018.52	1018.48	1018.49	1018.50	1018.50	1018.42	1018.37	1018.34	1018.29	1018.46
	12	1018.23	1018.21	1018.26	1018.30	1018.34	1018.36	1018.30	1018.30	1018.29	1018.29	1018.33	1018.36	1018.30
	13	1018.33	1018.32	1018.40	1018.42	1018.42	1018.43	1018.41	1018.36	1018.32	1018.33	1018.31	1018.26	1018.36
	14	1018.24	1018.26	1018.26	1018.23	1018.16	1018.16	1018.22	1018.24	1018.18	1018.12	1018.12	1018.12	1018.19
	15	1018.08	1018.07	1018.09	1018.05	1017.97	1017.94	1017.94	1017.94	1017.99	1017.99	1017.91	1017.88	1017.98
	16	1017.92	1017.91	1017.91	1017.94	1017.98	1018.01	1018.00	1018.06	1018.11	1018.07	1017.99	1017.92	1017.98
	17	1017.91	1017.96	1018.01	1018.06	1018.00	1017.99	1018.02	1017.92	1017.84	1017.83	1017.83	1017.86	1017.93
	18	1017.90	1017.89	1017.91	1017.97	1018.03	1018.07	1018.09	1018.10	1018.10	1018.08	1018.05	1018.09	1018.02
	19	1018.12	1018.16	1018.20	1018.25	1018.32	1018.35	1018.37	1018.35	1018.33	1018.33	1018.28	1018.27	1018.28
	20	1018.23	1018.21	1018.17	1018.16	1018.21	1018.25	1018.30	1018.35	1018.27	1018.17	1018.28	1018.37	1018.24
	21	1018.29	1018.23	1018.14	1018.00	1018.00	1018.07	1018.05	1017.96	1017.98	1018.00	1017.96	1017.95	1018.05
	22	1017.98	1018.05	1018.09	1018.06	1018.01	1017.95	1017.92	1017.92	1017.89	1017.84	1017.80	1017.75	1017.94
	23	1017.73	1017.73	1017.70	1017.62	1017.52	1017.48	1017.49	1017.48	1017.45	1017.45	1017.44	1017.43	1017.54

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
21	0	1017.42	1017.42	1017.41	1017.36	1017.29	1017.30	1017.27	1017.24	1017.28	1017.30	1017.28	1017.22	1017.31
	1	1017.21	1017.20	1017.08	1016.98	1016.96	1017.02	1017.05	1017.00	1016.93	1016.96	1017.00	1016.90	1017.02
	2	1016.79	1016.70	1016.66	1016.61	1016.61	1016.70	1016.73	1016.66	1016.58	1016.49	1016.42	1016.39	1016.61
	3	1016.37	1016.29	1016.22	1016.21	1016.15	1016.04	1015.92	1015.80	1015.76	1015.77	1015.77	1015.85	1016.01
	4	1015.98	1015.98	1015.90	1015.77	1015.70	1015.72	1015.68	1015.65	1015.66	1015.74	1015.78	1015.76	1015.78
	5	1015.77	1015.72	1015.72	1015.87	1016.01	1016.08	1016.15	1016.19	1016.18	1016.07	1015.94	1015.90	1015.97
	6	1015.89	1015.87	1015.85	1015.82	1015.89	1016.01	1016.15	1016.26	1016.26	1016.19	1016.08	1015.97	1016.02
	7	1015.87	1015.77	1015.71	1015.66	1015.59	1015.47	1015.39	1015.40	1015.39	1015.36	1015.39	1015.44	1015.53
	8	1015.45	1015.35	1015.13	1014.98	1014.93	1014.89	1014.74	1014.59	1014.59	1014.67	1014.77	1014.83	1014.91
	9	1014.79	1014.76	1014.81	1014.81	1014.77	1014.78	1014.78	1014.78	1014.83	1014.83	1014.66	1014.52	1014.76
	10	1014.55	1014.64	1014.72	1014.68	1014.59	1014.56	1014.52	1014.42	1014.31	1014.20	1014.16	1014.16	1014.46
	11	1014.13	1014.17	1014.20	1014.17	1014.12	1014.07	1013.99	1013.88	1013.78	1013.71	1013.65	1013.57	1013.95
	12	1013.47	1013.40	1013.32	1013.34	1013.40	1013.39	1013.35	1013.30	1013.20	1013.06	1012.95	1012.89	1013.25
	13	1012.85	1012.87	1012.89	1012.85	1012.79	1012.71	1012.58	1012.41	1012.27	1012.14	1012.08	1012.07	1012.54
	14	1012.11	1012.14	1012.12	1012.14	1012.19	1012.13	1012.01	1011.94	1011.92	1011.93	1011.88	1011.71	1012.02
	15	1011.59	1011.54	1011.45	1011.35	1011.20	1011.20	1011.33	1011.33	1011.30	1011.22	1011.08	1011.05	1011.30
	16	1011.11	1011.16	1011.15	1011.12	1011.07	1011.04	1011.03	1011.04	1011.09	1011.04	1010.95	1010.94	1011.06
	17	1011.02	1011.15	1011.23	1011.35	1011.54	1011.64	1011.60	1011.52	1011.46	1011.31	1010.99	1010.68	1011.29
	18	1010.75	1010.87	1010.67	1010.56	1010.56	1010.60	1010.49	1010.12	1009.88	1009.88	1009.87	1009.80	1010.34
	19	1009.75	1009.81	1009.99	1010.00	1009.90	1009.97	1010.07	1010.10	1010.16	1010.24	1010.30	1010.28	1010.05
	20	1010.25	1010.20	1010.11	1010.10	1010.14	1010.17	1010.17	1010.24	1010.30	1010.25	1010.19	1010.12	1010.18
	21	1009.97	1009.85	1009.77	1009.66	1009.57	1009.57	1009.50	1009.46	1009.48	1009.35	1009.31	1009.42	1009.57
	22	1009.33	1009.08	1008.93	1008.94	1008.94	1008.87	1008.80	1008.74	1008.64	1008.52	1008.48	1008.45	1008.81
	23	1008.34	1008.15	1008.01	1007.87	1007.70	1007.57	1007.50	1007.45	1007.40	1007.34	1007.27	1007.25	1007.65
22	0	1007.23	1007.19	1007.14	1007.12	1007.07	1007.02	1007.00	1006.99	1006.92	1006.82	1006.72	1006.66	1006.98
	1	1006.60	1006.57	1006.56	1006.46	1006.34	1006.23	1006.18	1006.16	1006.14	1006.13	1006.18	1006.20	1006.31
	2	1006.15	1006.14	1006.13	1006.09	1006.02	1005.95	1005.89	1005.87	1005.84	1005.79	1005.77	1005.73	1005.95
	3	1005.67	1005.66	1005.67	1005.69	1005.69	1005.65	1005.62	1005.57	1005.55	1005.53	1005.48	1005.48	1005.60
	4	1005.49	1005.47	1005.44	1005.39	1005.35	1005.35	1005.33	1005.28	1005.27	1005.32	1005.34	1005.29	1005.36
	5	1005.26	1005.25	1005.21	1005.12	1005.07	1005.04	1004.96	1004.95	1004.93	1004.77	1004.80	1005.03	1005.03
	6	1005.18	1005.20	1005.12	1004.84	1004.51	1004.38	1004.19	1003.87	1003.52	1003.17	1003.07	1003.17	1004.18
	7	1003.15	1002.95	1002.73	1002.68	1002.81	1002.92	1002.91	1002.98	1003.14	1003.11	1002.97	1002.90	1002.93
	8	1002.86	1002.78	1002.71	1002.64	1002.48	1002.38	1002.32	1002.23	1002.17	1002.10	1002.04	1001.98	1002.39
	9	1001.93	1001.82	1001.70	1001.60	1001.46	1001.37	1001.25	1001.12	1000.99	1000.85	1000.75	1000.68	1001.29
	10	1000.65	1000.55	1000.41	1000.30	1000.17	1000.03	999.88	999.72	999.54	999.34	999.13	998.93	999.88
	11	998.79	998.76	998.81	998.89	998.99	999.03	998.96	999.07	999.38	999.70	999.90	999.99	999.19
	12	999.68	999.07	998.49	998.05	998.24	998.44	998.27	998.24	998.43	998.62	998.54	998.35	998.53
	13	998.20	998.10	997.93	997.69	997.60	997.75	997.95	998.00	997.84	997.68	997.57	997.44	997.81
	14	997.40	997.37	997.29	997.21	997.15	997.12	997.13	997.24	997.30	997.23	997.13	996.98	997.21
	15	996.81	996.69	996.55	996.32	996.09	995.90	995.73	995.63	995.54	995.41	995.29	995.24	995.93
	16	995.26	995.24	995.17	995.05	994.91	994.78	994.65	994.55	994.56	994.70	994.95	995.10	994.91
	17	995.05	994.92	994.87	995.04	995.21	995.20	994.97	994.75	994.73	994.78	994.82	994.85	994.93
	18	994.93	994.98	995.00	994.89	994.88	995.14	995.24	995.12	995.14	995.28	995.29	995.18	995.09
	19	995.19	995.35	995.46	995.47	995.46	995.44	995.43	995.42	995.35	995.30	995.37	995.46	995.39
	20	995.45	995.44	995.48	995.48	995.50	995.66	995.91	996.12	996.35	996.56	996.60	996.53	995.92
	21	996.46	996.42	996.39	996.40	996.43	996.48	996.49	996.41	996.29	996.21	996.18	996.20	996.36
	22	996.26	996.31	996.31	996.32	996.32	996.27	996.35	996.56	996.73	996.82	996.80	996.75	996.48
	23	996.69	996.62	996.63	996.66	996.66	996.66	996.60	996.48	996.36	996.30	996.35	996.45	996.54

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
23	0	996.47	996.46	996.41	996.36	996.33	996.27	996.26	996.31	996.33	996.31	996.28	996.26	996.33
	1	996.20	996.14	996.12	996.10	996.07	996.06	996.03	996.04	996.07	996.10	996.13	996.14	996.10
	2	996.15	996.16	996.17	996.18	996.19	996.22	996.21	996.15	996.10	996.07	996.06	996.07	996.14
	3	996.05	996.04	996.04	996.04	996.06	996.08	996.10	996.09	996.07	996.07	996.10	996.12	996.07
	4	996.15	996.17	996.17	996.17	996.20	996.25	996.27	996.29	996.34	996.42	996.50	996.54	996.29
	5	996.55	996.58	996.65	996.71	996.77	996.85	996.90	996.93	996.95	996.98	997.02	997.08	996.83
	6	997.17	997.22	997.24	997.27	997.29	997.28	997.29	997.36	997.43	997.45	997.49	997.52	997.33
	7	997.53	997.56	997.58	997.60	997.64	997.66	997.68	997.72	997.76	997.79	997.76	997.69	997.66
	8	997.69	997.73	997.76	997.79	997.81	997.85	997.93	997.99	998.05	998.10	998.13	998.18	997.92
	9	998.24	998.25	998.27	998.30	998.33	998.36	998.36	998.37	998.42	998.46	998.48	998.49	998.36
	10	998.51	998.52	998.55	998.58	998.63	998.64	998.63	998.66	998.73	998.79	998.79	998.79	998.65
	11	998.79	998.81	998.83	998.83	998.85	998.89	998.91	998.92	998.94	998.96	999.01	999.07	998.90
	12	999.14	999.22	999.28	999.32	999.38	999.45	999.50	999.53	999.59	999.65	999.64	999.64	999.44
	13	999.67	999.73	999.76	999.78	999.82	999.84	999.86	999.89	999.91	999.92	999.94	999.98	999.84
	14	1000.03	1000.06	1000.09	1000.10	1000.10	1000.12	1000.18	1000.29	1000.40	1000.47	1000.58	1000.74	1000.26
	15	1000.84	1000.84	1000.88	1000.95	1001.00	1001.00	1000.95	1000.91	1000.87	1000.89	1000.95	1001.02	1000.92
	16	1001.10	1001.16	1001.19	1001.23	1001.26	1001.25	1001.21	1001.17	1001.11	1001.04	1001.03	1001.10	1001.15
	17	1001.18	1001.27	1001.40	1001.52	1001.58	1001.63	1001.71	1001.77	1001.80	1001.86	1001.94	1002.03	1001.64
	18	1002.09	1002.12	1002.16	1002.19	1002.24	1002.33	1002.39	1002.47	1002.55	1002.62	1002.69	1002.79	1002.38
	19	1002.89	1002.94	1003.01	1003.11	1003.20	1003.25	1003.31	1003.36	1003.41	1003.49	1003.55	1003.58	1003.26
	20	1003.59	1003.62	1003.68	1003.74	1003.78	1003.80	1003.83	1003.86	1003.86	1003.88	1003.92	1003.95	1003.79
	21	1003.94	1003.89	1003.86	1003.92	1003.94	1003.91	1003.92	1003.91	1003.93	1003.93	1003.89	1003.85	1003.90
	22	1003.85	1003.85	1003.82	1003.85	1003.90	1003.97	1004.07	1004.15	1004.21	1004.24	1004.17	1004.10	1004.01
	23	1004.08	1004.08	1004.08	1004.08	1004.03	1003.94	1003.93	1003.96	1003.98	1003.95	1003.87	1003.78	1003.98
24	0	1003.75	1003.72	1003.67	1003.65	1003.63	1003.60	1003.60	1003.57	1003.52	1003.46	1003.38	1003.31	1003.56
	1	1003.31	1003.32	1003.27	1003.22	1003.18	1003.15	1003.15	1003.17	1003.17	1003.16	1003.23	1003.28	1003.21
	2	1003.27	1003.24	1003.20	1003.20	1003.20	1003.20	1003.22	1003.22	1003.25	1003.24	1003.25	1003.29	1003.23
	3	1003.30	1003.35	1003.37	1003.37	1003.38	1003.42	1003.43	1003.45	1003.49	1003.52	1003.52	1003.57	1003.43
	4	1003.65	1003.66	1003.67	1003.73	1003.79	1003.88	1003.98	1004.05	1004.11	1004.16	1004.21	1004.24	1003.93
	5	1004.24	1004.28	1004.33	1004.37	1004.40	1004.42	1004.43	1004.43	1004.47	1004.54	1004.63	1004.74	1004.44
	6	1004.79	1004.90	1005.07	1005.14	1005.09	1005.11	1005.19	1005.29	1005.40	1005.44	1005.53	1005.67	1005.22
	7	1005.75	1005.74	1005.73	1005.83	1005.91	1005.92	1005.94	1005.93	1005.92	1005.96	1006.09	1006.22	1005.91
	8	1006.17	1006.17	1006.22	1006.21	1006.25	1006.30	1006.33	1006.40	1006.47	1006.60	1006.80	1006.87	1006.40
	9	1006.96	1007.11	1007.17	1007.24	1007.38	1007.54	1007.67	1007.79	1007.89	1007.97	1008.06	1008.12	1007.57
	10	1008.01	1007.97	1008.01	1008.02	1008.12	1008.24	1008.32	1008.37	1008.42	1008.52	1008.67	1008.66	1008.28
	11	1008.43	1008.16	1008.14	1008.34	1008.63	1008.85	1008.92	1008.89	1008.81	1008.87	1008.84	1008.70	1008.63
	12	1008.77	1008.96	1009.10	1009.10	1009.18	1009.36	1009.36	1009.32	1009.44	1009.51	1009.42	1009.45	1009.25
	13	1009.49	1009.48	1009.48	1009.50	1009.50	1009.48	1009.51	1009.56	1009.58	1009.63	1009.73	1009.73	1009.55
	14	1009.71	1009.79	1009.76	1009.76	1009.81	1009.76	1009.79	1009.88	1009.91	1009.86	1009.82	1009.79	1009.80
	15	1009.80	1009.84	1009.88	1009.94	1009.98	1009.98	1010.03	1010.00	1009.87	1009.77	1009.74	1009.77	1009.88
	16	1009.76	1009.72	1009.74	1009.74	1009.70	1009.74	1009.75	1009.68	1009.63	1009.58	1009.56	1009.59	1009.68
	17	1009.64	1009.68	1009.71	1009.78	1009.81	1009.79	1009.80	1009.78	1009.79	1009.82	1009.80	1009.76	1009.76
	18	1009.72	1009.73	1009.80	1009.84	1009.83	1009.88	1009.94	1009.99	1010.00	1009.99	1010.05	1010.13	1009.91
	19	1010.20	1010.26	1010.32	1010.37	1010.41	1010.42	1010.43	1010.52	1010.63	1010.68	1010.74	1010.82	1010.48
	20	1010.87	1010.88	1010.90	1010.96	1011.01	1011.01	1010.99	1011.02	1011.01	1010.97	1010.98	1010.99	1010.96
	21	1011.00	1011.02	1011.05	1011.04	1011.04	1011.06	1011.08	1011.07	1011.07	1011.08	1011.13	1011.16	1011.06
	22	1011.10	1011.04	1011.05	1011.07	1011.01	1010.93	1010.87	1010.84	1010.80	1010.71	1010.70	1010.73	1010.90
	23	1010.70	1010.59	1010.54	1010.52	1010.46	1010.40	1010.34	1010.24	1010.18	1010.15	1010.14	1010.11	1010.36

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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	1009.92	1009.90	1009.85	1009.78	1009.74	1009.69	1009.64	1009.62	1009.55	1009.49	1009.47	1009.42	1009.66
	1	1009.35	1009.25	1009.16	1009.09	1009.02	1009.00	1008.97	1008.90	1008.87	1008.86	1008.83	1008.82	1009.01
	2	1008.86	1008.85	1008.80	1008.72	1008.67	1008.64	1008.59	1008.56	1008.60	1008.63	1008.62	1008.62	1008.68
	3	1008.63	1008.61	1008.57	1008.55	1008.55	1008.56	1008.63	1008.71	1008.74	1008.74	1008.74	1008.71	1008.64
	4	1008.68	1008.72	1008.77	1008.81	1008.88	1008.98	1009.08	1009.17	1009.19	1009.17	1009.17	1009.14	1008.98
	5	1009.12	1009.16	1009.23	1009.27	1009.29	1009.30	1009.28	1009.26	1009.28	1009.30	1009.32	1009.35	1009.26
	6	1009.34	1009.33	1009.38	1009.44	1009.46	1009.47	1009.43	1009.38	1009.37	1009.40	1009.46	1009.51	1009.41
	7	1009.55	1009.59	1009.67	1009.75	1009.79	1009.83	1009.83	1009.84	1009.87	1009.90	1009.93	1009.93	1009.79
	8	1009.95	1009.99	1010.03	1010.08	1010.12	1010.14	1010.11	1010.10	1010.13	1010.08	1010.03	1010.07	1010.07
	9	1010.08	1010.05	1010.08	1010.16	1010.26	1010.33	1010.27	1010.23	1010.25	1010.22	1010.20	1010.19	1010.19
	10	1010.21	1010.25	1010.25	1010.29	1010.32	1010.37	1010.37	1010.35	1010.37	1010.39	1010.37	1010.37	1010.32
	11	1010.37	1010.30	1010.27	1010.30	1010.42	1010.51	1010.52	1010.51	1010.50	1010.51	1010.49	1010.48	1010.43
	12	1010.44	1010.39	1010.38	1010.43	1010.52	1010.56	1010.52	1010.56	1010.61	1010.52	1010.44	1010.44	1010.48
	13	1010.41	1010.42	1010.50	1010.46	1010.42	1010.49	1010.49	1010.54	1010.54	1010.43	1010.45	1010.45	1010.46
	14	1010.34	1010.18	1010.06	1010.01	1009.91	1009.87	1010.00	1009.99	1009.93	1009.85	1009.89	1009.99	1010.00
	15	1009.98	1009.92	1009.84	1009.85	1009.86	1009.90	1009.93	1009.85	1009.78	1009.71	1009.63	1009.61	1009.82
	16	1009.64	1009.72	1009.69	1009.63	1009.55	1009.40	1009.40	1009.42	1009.39	1009.39	1009.40	1009.40	1009.50
	17	1009.41	1009.43	1009.35	1009.24	1009.22	1009.26	1009.31	1009.31	1009.24	1009.22	1009.27	1009.32	1009.30
	18	1009.37	1009.43	1009.47	1009.52	1009.57	1009.57	1009.55	1009.58	1009.57	1009.53	1009.53	1009.51	1009.51
	19	1009.48	1009.49	1009.51	1009.54	1009.58	1009.61	1009.62	1009.63	1009.69	1009.74	1009.77	1009.76	1009.62
	20	1009.74	1009.79	1009.88	1009.92	1009.97	1010.06	1010.11	1010.12	1010.16	1010.20	1010.20	1010.20	1010.03
	21	1010.19	1010.17	1010.13	1010.08	1010.08	1010.06	1010.02	1010.03	1010.06	1010.06	1010.04	1010.04	1010.08
	22	1010.04	1010.04	1010.02	1010.02	1010.01	1009.95	1009.92	1009.93	1009.95	1009.98	1009.97	1009.96	1009.98
	23	1009.98	1009.99	1009.93	1009.82	1009.75	1009.74	1009.72	1009.69	1009.66	1009.68	1009.68	1009.63	1009.77
26	0	1009.56	1009.56	1009.54	1009.50	1009.45	1009.43	1009.43	1009.42	1009.37	1009.30	1009.25	1009.18	1009.41
	1	1009.14	1009.14	1009.14	1009.12	1009.07	1009.04	1009.01	1009.00	1009.03	1009.03	1009.03	1009.00	1009.06
	2	1008.94	1008.82	1008.68	1008.71	1008.81	1008.83	1008.88	1008.92	1008.90	1008.87	1008.84	1008.80	1008.83
	3	1008.75	1008.70	1008.73	1008.82	1008.84	1008.84	1008.88	1008.92	1009.01	1009.16	1009.37	1009.56	1008.96
	4	1009.71	1009.79	1009.86	1009.88	1010.06	1010.36	1010.39	1010.28	1010.22	1010.26	1010.32	1010.31	1010.12
	5	1010.33	1010.44	1010.52	1010.52	1010.57	1010.65	1010.68	1010.71	1010.80	1010.89	1010.90	1010.90	1010.66
	6	1010.95	1010.99	1011.05	1011.11	1011.15	1011.17	1011.20	1011.23	1011.24	1011.26	1011.29	1011.30	1011.16
	7	1011.30	1011.32	1011.38	1011.47	1011.55	1011.62	1011.67	1011.71	1011.78	1011.88	1011.95	1011.97	1011.63
	8	1011.98	1012.03	1012.09	1012.13	1012.14	1012.18	1012.26	1012.31	1012.38	1012.45	1012.51	1012.62	1012.26
	9	1012.71	1012.74	1012.83	1012.89	1012.91	1012.97	1013.02	1013.07	1013.13	1013.19	1013.25	1013.31	1013.00
	10	1013.31	1013.33	1013.37	1013.40	1013.40	1013.45	1013.50	1013.52	1013.57	1013.63	1013.68	1013.73	1013.49
	11	1013.81	1013.85	1013.88	1013.92	1013.91	1013.87	1013.86	1013.88	1013.85	1013.80	1013.78	1013.80	1013.85
	12	1013.80	1013.81	1013.81	1013.79	1013.77	1013.78	1013.79	1013.77	1013.71	1013.67	1013.68	1013.70	1013.76
	13	1013.70	1013.70	1013.75	1013.79	1013.79	1013.77	1013.76	1013.74	1013.71	1013.64	1013.59	1013.59	1013.71
	14	1013.56	1013.54	1013.53	1013.55	1013.55	1013.51	1013.49	1013.51	1013.53	1013.55	1013.59	1013.63	1013.54
	15	1013.66	1013.69	1013.71	1013.72	1013.69	1013.66	1013.63	1013.63	1013.66	1013.70	1013.73	1013.72	1013.68
	16	1013.70	1013.70	1013.69	1013.69	1013.71	1013.70	1013.69	1013.69	1013.69	1013.69	1013.72	1013.74	1013.70
	17	1013.76	1013.78	1013.80	1013.81	1013.80	1013.80	1013.81	1013.85	1013.85	1013.85	1013.87	1013.91	1013.82
	18	1013.93	1013.96	1014.01	1014.04	1014.07	1014.13	1014.16	1014.14	1014.08	1014.04	1014.05	1014.10	1014.06
	19	1014.15	1014.21	1014.28	1014.35	1014.41	1014.49	1014.57	1014.63	1014.70	1014.76	1014.77	1014.78	1014.50
	20	1014.80	1014.87	1014.96	1015.00	1015.00	1015.02	1015.03	1015.01	1015.01	1015.04	1015.07	1015.12	1014.99
	21	1015.16	1015.16	1015.19	1015.22	1015.23	1015.28	1015.28	1015.24	1015.22	1015.21	1015.23	1015.23	1015.22
	22	1015.20	1015.20	1015.21	1015.20	1015.19	1015.16	1015.10	1015.05	1015.00	1014.98	1015.01	1015.01	1015.11
	23	1015.00	1015.01	1015.04	1015.07	1015.04	1014.97	1014.92	1014.90	1014.88	1014.87	1014.90	1014.90	1014.96

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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
27	0	1014.76	1014.75	1014.77	1014.75	1014.67	1014.66	1014.68	1014.63	1014.56	1014.51	1014.49	1014.48	1014.63
	1	1014.54	1014.59	1014.52	1014.43	1014.38	1014.35	1014.31	1014.28	1014.27	1014.28	1014.29	1014.28	1014.38
	2	1014.30	1014.26	1014.24	1014.25	1014.22	1014.20	1014.19	1014.16	1014.14	1014.12	1014.07	1014.02	1014.18
	3	1013.99	1013.99	1014.01	1014.06	1014.09	1014.08	1014.06	1014.04	1014.02	1013.97	1013.96	1013.99	1014.02
	4	1014.03	1014.08	1014.12	1014.17	1014.22	1014.28	1014.30	1014.27	1014.25	1014.27	1014.30	1014.29	1014.21
	5	1014.26	1014.27	1014.32	1014.35	1014.35	1014.32	1014.31	1014.35	1014.39	1014.40	1014.41	1014.48	1014.35
	6	1014.56	1014.58	1014.60	1014.65	1014.69	1014.72	1014.77	1014.81	1014.85	1014.90	1014.94	1014.98	1014.75
	7	1015.01	1015.03	1015.00	1014.93	1014.91	1014.90	1014.85	1014.86	1014.85	1014.82	1014.80	1014.77	1014.89
	8	1014.77	1014.75	1014.72	1014.70	1014.71	1014.73	1014.76	1014.79	1014.78	1014.83	1014.88	1014.94	1014.78
	9	1015.02	1015.03	1015.06	1015.10	1015.14	1015.16	1015.21	1015.26	1015.28	1015.25	1015.20	1015.22	1015.16
	10	1015.23	1015.18	1015.12	1015.08	1015.06	1015.11	1015.13	1015.15	1015.16	1015.07	1014.96	1014.88	1015.09
	11	1014.78	1014.67	1014.56	1014.55	1014.62	1014.62	1014.53	1014.52	1014.64	1014.65	1014.62	1014.66	1014.62
	12	1014.69	1014.67	1014.67	1014.71	1014.69	1014.67	1014.73	1014.77	1014.71	1014.69	1014.64	1014.57	1014.68
	13	1014.62	1014.66	1014.57	1014.43	1014.34	1014.30	1014.27	1014.26	1014.26	1014.29	1014.32	1014.25	1014.38
	14	1014.24	1014.29	1014.30	1014.33	1014.26	1014.08	1013.90	1013.80	1013.75	1013.69	1013.67	1013.61	1013.99
	15	1013.49	1013.45	1013.39	1013.37	1013.40	1013.49	1013.66	1013.68	1013.61	1013.64	1013.71	1013.66	1013.54
	16	1013.59	1013.58	1013.59	1013.66	1013.68	1013.65	1013.58	1013.48	1013.43	1013.38	1013.37	1013.39	1013.53
	17	1013.42	1013.42	1013.43	1013.42	1013.33	1013.29	1013.25	1013.21	1013.24	1013.29	1013.38	1013.50	1013.35
	18	1013.56	1013.52	1013.47	1013.41	1013.33	1013.26	1013.25	1013.27	1013.25	1013.15	1012.96	1012.69	1013.26
	19	1012.45	1012.33	1012.39	1012.46	1012.51	1012.74	1013.05	1013.19	1013.24	1013.26	1013.28	1013.34	1012.85
	20	1013.35	1013.25	1013.17	1013.12	1013.02	1012.93	1012.87	1012.82	1012.69	1012.61	1012.60	1012.49	1012.91
	21	1012.46	1012.43	1012.31	1012.21	1012.08	1012.08	1012.08	1012.04	1012.01	1011.94	1011.94	1012.01	1012.13
	22	1012.12	1012.19	1012.08	1011.92	1011.84	1011.85	1011.98	1012.09	1012.16	1012.23	1012.30	1012.39	1012.09
	23	1012.42	1012.50	1012.48	1012.43	1012.48	1012.38	1012.33	1012.31	1012.21	1012.12	1012.09	1012.12	1012.32
28	0	1012.12	1012.13	1012.14	1012.13	1012.14	1012.13	1012.06	1011.94	1011.82	1011.77	1011.81	1011.80	1011.99
	1	1011.72	1011.63	1011.58	1011.62	1011.59	1011.54	1011.50	1011.23	1010.85	1010.83	1010.86	1010.56	1011.29
	2	1010.41	1010.50	1010.54	1010.48	1010.45	1010.44	1010.42	1010.41	1010.40	1010.38	1010.34	1010.31	1010.42
	3	1010.30	1010.28	1010.23	1010.18	1010.16	1010.12	1010.08	1010.03	1009.99	1009.99	1010.03	1010.04	1010.12
	4	1010.01	1009.96	1009.88	1009.78	1009.68	1009.61	1009.56	1009.48	1009.40	1009.32	1009.24	1009.15	1009.59
	5	1009.09	1009.08	1009.05	1008.99	1008.94	1008.90	1008.87	1008.88	1008.87	1008.82	1008.73	1008.67	1008.90
	6	1008.64	1008.60	1008.54	1008.50	1008.49	1008.51	1008.50	1008.38	1008.26	1008.21	1008.22	1008.22	1008.42
	7	1008.18	1008.12	1008.04	1007.96	1007.91	1007.84	1007.76	1007.72	1007.70	1007.67	1007.60	1007.51	1007.83
	8	1007.46	1007.45	1007.42	1007.38	1007.38	1007.36	1007.30	1007.24	1007.17	1007.10	1007.04	1006.99	1007.27
	9	1006.90	1006.78	1006.69	1006.66	1006.61	1006.52	1006.39	1006.28	1006.25	1006.19	1006.09	1006.06	1006.45
	10	1006.08	1006.10	1006.09	1006.09	1006.08	1006.07	1006.07	1006.02	1005.95	1005.91	1005.90	1005.90	1006.02
	11	1005.90	1005.90	1005.84	1005.76	1005.70	1005.63	1005.59	1005.61	1005.61	1005.57	1005.52	1005.59	1005.68
	12	1005.77	1005.87	1005.90	1005.95	1006.02	1006.07	1006.08	1006.06	1006.01	1005.99	1005.97	1005.90	1005.96
	13	1005.83	1005.82	1005.81	1005.74	1005.63	1005.54	1005.46	1005.41	1005.35	1005.28	1005.25	1005.18	1005.52
	14	1005.10	1005.05	1004.98	1004.90	1004.86	1004.82	1004.78	1004.72	1004.63	1004.54	1004.44	1004.38	1004.76
	15	1004.43	1004.47	1004.48	1004.45	1004.34	1004.27	1004.24	1004.23	1004.23	1004.25	1004.31	1004.32	1004.33
	16	1004.27	1004.26	1004.33	1004.36	1004.33	1004.28	1004.27	1004.24	1004.19	1004.15	1004.12	1004.08	1004.24
	17	1004.00	1003.89	1003.82	1003.79	1003.81	1003.89	1004.00	1004.06	1004.06	1004.08	1004.13	1004.13	1003.97
	18	1004.14	1004.21	1004.26	1004.29	1004.29	1004.28	1004.29	1004.29	1004.31	1004.35	1004.39	1004.42	1004.29
	19	1004.46	1004.53	1004.62	1004.69	1004.74	1004.79	1004.81	1004.81	1004.83	1004.86	1004.87	1004.87	1004.74
	20	1004.88	1004.91	1004.94	1004.95	1004.94	1004.92	1004.94	1004.96	1005.00	1005.08	1005.15	1005.15	1004.98
	21	1005.10	1005.08	1005.10	1005.11	1005.09	1005.08	1005.12	1005.18	1005.20	1005.19	1005.16	1005.14	1005.13
	22	1005.17	1005.25	1005.29	1005.33	1005.39	1005.45	1005.48	1005.47	1005.49	1005.54	1005.60	1005.64	1005.42
	23	1005.66	1005.67	1005.64	1005.61	1005.62	1005.61	1005.58	1005.60	1005.61	1005.59	1005.51	1005.47	1005.60

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1005.53	1005.52	1005.52	1005.50	1005.41	1005.32	1005.29	1005.30	1005.29	1005.30	1005.31	1005.29	1005.37
	1	1005.28	1005.31	1005.33	1005.33	1005.30	1005.23	1005.15	1005.08	1005.04	1005.02	1005.03	1005.00	1005.17
	2	1004.94	1004.86	1004.81	1004.78	1004.75	1004.73	1004.72	1004.76	1004.79	1004.76	1004.72	1004.69	1004.77
	3	1004.67	1004.65	1004.63	1004.64	1004.67	1004.69	1004.67	1004.62	1004.58	1004.58	1004.59	1004.56	1004.63
	4	1004.53	1004.55	1004.58	1004.60	1004.65	1004.71	1004.69	1004.63	1004.60	1004.60	1004.57	1004.54	1004.60
	5	1004.56	1004.53	1004.51	1004.52	1004.55	1004.61	1004.64	1004.68	1004.73	1004.78	1004.85	1004.90	1004.65
	6	1004.93	1004.98	1005.01	1005.00	1005.00	1005.03	1005.03	1005.00	1004.94	1004.94	1004.98	1004.97	1004.98
	7	1005.03	1005.07	1005.01	1004.99	1005.00	1005.01	1005.04	1005.06	1005.09	1005.13	1005.11	1005.04	1005.05
	8	1005.03	1005.10	1005.17	1005.19	1005.19	1005.17	1005.18	1005.21	1005.25	1005.30	1005.29	1005.25	1005.19
	9	1005.27	1005.30	1005.31	1005.32	1005.31	1005.31	1005.37	1005.41	1005.41	1005.45	1005.49	1005.54	1005.37
	10	1005.61	1005.64	1005.66	1005.66	1005.64	1005.69	1005.69	1005.64	1005.68	1005.70	1005.66	1005.62	1005.66
	11	1005.62	1005.65	1005.65	1005.65	1005.66	1005.66	1005.64	1005.61	1005.57	1005.53	1005.51	1005.46	1005.60
	12	1005.44	1005.42	1005.40	1005.41	1005.41	1005.44	1005.49	1005.52	1005.59	1005.66	1005.75	1005.82	1005.53
	13	1005.85	1005.90	1005.89	1005.89	1005.94	1005.95	1005.92	1005.86	1005.85	1005.89	1005.89	1005.90	1005.89
	14	1005.90	1005.87	1005.88	1005.86	1005.84	1005.85	1005.84	1005.79	1005.71	1005.69	1005.66	1005.65	1005.79
	15	1005.64	1005.56	1005.47	1005.44	1005.44	1005.41	1005.36	1005.34	1005.31	1005.32	1005.32	1005.32	1005.41
	16	1005.44	1005.53	1005.57	1005.62	1005.67	1005.75	1005.82	1005.83	1005.83	1005.84	1005.85	1005.90	1005.72
	17	1005.95	1005.94	1005.95	1005.98	1005.99	1006.00	1006.06	1006.13	1006.15	1006.12	1006.10	1006.05	1006.03
	18	1005.94	1005.90	1005.89	1005.84	1005.79	1005.67	1005.56	1005.57	1005.66	1005.71	1005.69	1005.69	1005.74
	19	1005.81	1005.93	1005.96	1006.04	1006.09	1006.12	1006.20	1006.28	1006.35	1006.32	1006.31	1006.39	1006.15
	20	1006.45	1006.52	1006.51	1006.46	1006.42	1006.34	1006.34	1006.39	1006.43	1006.50	1006.53	1006.51	1006.45
	21	1006.54	1006.54	1006.51	1006.54	1006.59	1006.70	1006.78	1006.77	1006.70	1006.65	1006.67	1006.67	1006.64
	22	1006.67	1006.70	1006.72	1006.73	1006.68	1006.64	1006.62	1006.64	1006.68	1006.67	1006.61	1006.54	1006.65
	23	1006.48	1006.48	1006.49	1006.46	1006.40	1006.31	1006.28	1006.24	1006.19	1006.10	1006.00	1005.98	1006.28
30	0	1006.00	1005.98	1005.98	1005.97	1005.93	1005.92	1005.92	1005.95	1005.94	1005.85	1005.72	1005.66	1005.89
	1	1005.65	1005.67	1005.66	1005.60	1005.56	1005.56	1005.56	1005.53	1005.48	1005.45	1005.47	1005.54	1005.56
	2	1005.59	1005.56	1005.54	1005.53	1005.46	1005.43	1005.41	1005.39	1005.41	1005.42	1005.42	1005.42	1005.46
	3	1005.37	1005.30	1005.25	1005.19	1005.17	1005.18	1005.25	1005.37	1005.44	1005.50	1005.57	1005.60	1005.35
	4	1005.59	1005.58	1005.53	1005.45	1005.44	1005.46	1005.44	1005.41	1005.43	1005.49	1005.50	1005.49	1005.48
	5	1005.55	1005.66	1005.73	1005.76	1005.76	1005.72	1005.69	1005.69	1005.72	1005.74	1005.75	1005.79	1005.71
	6	1005.86	1005.90	1005.90	1005.99	1006.11	1006.16	1006.14	1006.13	1006.14	1006.16	1006.14	1006.07	1006.06
	7	1006.01	1005.97	1005.99	1006.02	1006.00	1005.99	1005.96	1005.96	1005.96	1005.89	1005.84	1005.83	1005.95
	8	1005.82	1005.81	1005.85	1005.89	1005.89	1005.87	1005.91	1005.98	1006.00	1006.08	1006.27	1006.26	1005.97
	9	1006.15	1006.16	1006.14	1006.12	1006.09	1006.08	1006.12	1006.12	1006.15	1006.16	1006.15	1006.19	1006.13
	10	1006.19	1006.16	1006.18	1006.21	1006.20	1006.14	1006.13	1006.15	1006.14	1006.16	1006.24	1006.27	1006.18
	11	1006.22	1006.25	1006.26	1006.27	1006.27	1006.28	1006.27	1006.25	1006.27	1006.33	1006.36	1006.30	1006.28
	12	1006.30	1006.38	1006.48	1006.46	1006.39	1006.43	1006.47	1006.42	1006.36	1006.33	1006.33	1006.31	1006.39
	13	1006.31	1006.30	1006.24	1006.18	1006.15	1006.12	1006.12	1006.10	1006.05	1006.04	1006.05	1006.00	1006.14
	14	1005.92	1005.83	1005.77	1005.78	1005.81	1005.81	1005.79	1005.84	1005.86	1005.84	1005.84	1005.83	1005.82
	15	1005.82	1005.77	1005.78	1005.81	1005.81	1005.85	1005.88	1005.85	1005.81	1005.79	1005.80	1005.83	1005.81
	16	1005.85	1005.84	1005.80	1005.78	1005.77	1005.77	1005.76	1005.74	1005.73	1005.73	1005.73	1005.73	1005.77
	17	1005.71	1005.72	1005.71	1005.70	1005.72	1005.73	1005.77	1005.82	1005.88	1005.90	1005.87	1005.87	1005.78
	18	1005.93	1005.99	1006.00	1006.00	1006.04	1006.08	1006.09	1006.07	1006.02	1006.02	1006.11	1006.15	1006.04
	19	1006.17	1006.22	1006.27	1006.34	1006.42	1006.49	1006.54	1006.55	1006.56	1006.58	1006.58	1006.54	1006.44
	20	1006.51	1006.48	1006.46	1006.47	1006.47	1006.46	1006.45	1006.43	1006.40	1006.41	1006.43	1006.40	1006.44
	21	1006.37	1006.33	1006.29	1006.25	1006.21	1006.17	1006.12	1006.08	1006.05	1006.01	1005.98	1005.99	1006.15
	22	1006.03	1006.05	1006.01	1005.92	1005.87	1005.85	1005.85	1005.86	1005.82	1005.78	1005.79	1005.80	1005.88
	23	1005.77	1005.71	1005.67	1005.64	1005.63	1005.64	1005.67	1005.72	1005.72	1005.69	1005.66	1005.64	1005.68

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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	1005.63	1005.63	1005.63	1005.64	1005.64	1005.63	1005.62	1005.59	1005.54	1005.47	1005.40	1005.37	1005.56
	1	1005.32	1005.25	1005.18	1005.10	1005.03	1005.01	1005.01	1005.00	1004.99	1004.99	1004.99	1004.97	1005.07
	2	1004.93	1004.92	1004.92	1004.94	1004.95	1004.93	1004.94	1004.94	1004.93	1004.95	1004.95	1004.95	1004.94
	3	1005.05	1005.13	1005.14	1005.18	1005.24	1005.28	1005.29	1005.27	1005.23	1005.22	1005.25	1005.26	1005.21
	4	1005.25	1005.26	1005.25	1005.20	1005.19	1005.26	1005.31	1005.31	1005.29	1005.31	1005.37	1005.39	1005.28
	5	1005.40	1005.45	1005.52	1005.55	1005.54	1005.51	1005.49	1005.48	1005.46	1005.44	1005.43	1005.42	1005.47
	6	1005.45	1005.48	1005.48	1005.45	1005.45	1005.48	1005.49	1005.46	1005.44	1005.43	1005.41	1005.37	1005.45
	7	1005.33	1005.35	1005.38	1005.34	1005.32	1005.31	1005.28	1005.25	1005.24	1005.28	1005.29	1005.32	1005.31
	8	1005.35	1005.33	1005.37	1005.45	1005.48	1005.48	1005.46	1005.49	1005.54	1005.62	1005.71	1005.72	1005.50
	9	1005.69	1005.68	1005.69	1005.70	1005.76	1005.84	1005.89	1005.95	1005.98	1006.01	1006.05	1006.17	1005.87
	10	1006.28	1006.27	1006.26	1006.32	1006.40	1006.37	1006.36	1006.44	1006.49	1006.49	1006.49	1006.51	1006.39
	11	1006.48	1006.41	1006.40	1006.43	1006.43	1006.41	1006.38	1006.31	1006.27	1006.24	1006.17	1006.16	1006.34
	12	1006.16	1006.13	1006.10	1006.12	1006.15	1006.14	1006.14	1006.11	1006.09	1006.14	1006.18	1006.12	1006.13
	13	1006.09	1006.11	1006.14	1006.15	1006.17	1006.19	1006.17	1006.14	1006.15	1006.14	1006.12	1006.12	1006.14
	14	1006.06	1006.02	1006.03	1006.03	1006.02	1005.96	1005.91	1005.88	1005.88	1005.88	1005.87	1005.85	1005.95
	15	1005.82	1005.77	1005.72	1005.72	1005.73	1005.72	1005.73	1005.77	1005.74	1005.68	1005.66	1005.63	1005.72
	16	1005.62	1005.64	1005.67	1005.72	1005.79	1005.84	1005.84	1005.83	1005.83	1005.80	1005.78	1005.79	1005.76
	17	1005.78	1005.78	1005.77	1005.73	1005.71	1005.71	1005.77	1005.82	1005.84	1005.87	1005.93	1005.97	1005.80
	18	1006.00	1006.03	1006.08	1006.12	1006.14	1006.17	1006.18	1006.20	1006.22	1006.23	1006.25	1006.29	1006.16
	19	1006.30	1006.29	1006.29	1006.30	1006.33	1006.37	1006.37	1006.36	1006.38	1006.39	1006.38	1006.40	1006.34
	20	1006.42	1006.44	1006.46	1006.47	1006.46	1006.44	1006.45	1006.45	1006.42	1006.39	1006.39	1006.39	1006.43
	21	1006.37	1006.36	1006.37	1006.36	1006.33	1006.33	1006.33	1006.32	1006.36	1006.38	1006.37	1006.35	1006.35
	22	1006.29	1006.22	1006.17	1006.13	1006.13	1006.16	1006.16	1006.12	1006.12	1006.08	1005.98	1005.87	1006.12
	23	1005.78	1005.77	1005.82	1005.82	1005.80	1005.80	1005.80	1005.78	1005.79	1005.82	1005.84	1005.85	1005.80







