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SVIRCO Prompt Report: April 2007

Fabrizio Signoretto and Francesco Re

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ISTITUTO DI FISICA DELLO SPAZIO INTERPLANETARIO

AREA DI RICERCA ROMA - TOR VERGATA

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

SVIRCO Prompt Report: April 2007

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in April 2007 by the Neutron Monitor of SVIRCO-Rome (present geographic position: 41.86° N - 12.47° E; altitude about s.l.), is reported in prompt form together with the barometric pressure data.

SVIRCO OBSERVATORY

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

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

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

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

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

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

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

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

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

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

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

DATA PRESENTATION

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

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

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

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

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

CONDITIONS FOR SVIRCO DATA USE

You are welcome to use neutron monitor data of SVIRCO, IFSI/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. Marisa STORINI
Head of SVIRCO Observatory & TPL
Istituto di Fisica dello Spazio Interplanetario - Area di Ricerca Tor Vergata
Via del Fosso del Cavaliere, 100 00133 Roma - Italy,

storini@fis.uniroma3.it or storini@ifs-roma.inaf.it



S.V.I.R.CO. Observatory

Rome

Italy



		INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007										20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
1	0	46067	47050	46625	46678	46235	46128	46093	46622	46073	46438	46269	46724	100.937	
	1	46431	46763	46972	46331	46427	46527	45881	46376	46089	46919	46664	46569	101.109	
	2	46536	46478	45990	46513	46461	46347	46363	46175	46460	46032	45883	46332	100.677	
	3	46042	46019	46896	46611	46049	46372	46982	46865	46383	46883	46561	47080	101.252	
	4	46217	46726	46312	46616	45978	46604	46878	46330	46718	46838	46272	46803	101.170	
	5	46432	46435	46236	47312	46503	46633	46563	46196	46101	46797	46510	45988	101.064	
	6	46690	45911	46520	45900	46308	46318	46378	46490	46824	46482	46530	47360	101.065	
	7	46450	46669	46625	46972	46957	46805	45897	46761	47069	46380	46661	46733	101.476	
	8	46584	46874	47311	46724	46494	47167	46762	46692	46089	45973	46276	46158	101.318	
	9	46487	46577	46568	46890	46299	46755	46819	46606	46205	46795	47280	46601	101.458	
	10	46759	47007	46624	46194	46902	45906	46506	47000	46587	46381	46983	46751	101.407	
	11	46824	46602	46372	46587	46655	47183	47235	46483	46130	46504	46537	47422	101.576	
	12	46407	47578	47054	47273	46491	46642	47083	47079	46747	46668	46770	46740	101.939	
	13	47054	46922	46840	46772	47130	46938	47147	46936	47191	46361	46873	46906	102.036	
	14	46345	46887	46180	46833	46344	47110	46274	46864	46405	46682	45796	46148	101.093	
	15	46458	46508	46115	46057	46731	46182	46667	46152	46113	46970	45927	46168	100.764	
	16	47024	46687	46840	46815	46359	46494	46228	46736	46332	46420	46188	46133	101.164	
	17	46341	46293	46627	46768	46099	46026	46752	46849	46703	46589	47033	46873	101.290	
	18	46104	46231	46744	46138	46357	46471	45614	46625	45978	46230	46577	46713	100.716	
	19	46855	45895	46569	45962	46438	46411	46214	47123	46518	46885	45641	46892	101.009	
	20	45872	46170	46162	46355	46251	46568	46464	46290	46735	46378	46425	47029	100.882	
	21	46492	46252	46400	46285	46476	46525	46019	47241	46249	45997	46218	46584	100.889	
	22	45939	46286	46367	46247	46709	46145	46627	46234	46463	46501	46059	46452	100.760	
	23	46077	46467	46443	46141	46506	46155	46248	46882	46460	45767	46591	46675	100.830	
2	0	45257	47229	46182	46779	46368	46437	46750	46395	45524	46181	46451	46399	100.743	
	1	46197	46366	46419	46738	46138	46884	46382	46555	46527	46218	46276	46079	100.896	
	2	46731	46903	46690	46942	46462	46258	46689	46221	46597	46141	46803	46761	101.334	
	3	46779	46876	46031	46619	46207	46412	46464	46001	46457	46634	46658	45735	100.914	
	4	46272	45383	45659	46464	46270	46315	45811	46096	46875	46194	46512	46046	100.374	
	5	46601	46516	46525	46297	46617	45787	46434	46553	46341	46044	46133	47481	100.996	
	6	46356	46604	46337	46584	45853	46228	46890	46286	46657	46494	46924	45838	100.946	
	7	46658	46558	45627	46974	46705	45780	46222	46736	46537	46654	46393	46114	100.928	
	8	46369	46592	46607	45960	46591	46594	47051	46762	47163	46356	46132	46286	101.201	
	9	46863	46879	46119	45647	46561	46983	46582	46744	46442	46828	47044	47030	101.430	
	10	46891	46738	46838	46906	46667	46343	46742	46826	47010	47391	47493	46917	101.981	
	11	46930	46563	46569	46668	46933	47098	46942	46528	46656	46086	46634	46830	101.559	
	12	47148	46978	46726	46977	46820	46810	46875	46696	46706	47051	47538	46992	102.081	
	13	46602	46367	46656	46568	46210	47051	46067	46619	46705	45976	46578	46991	101.188	
	14	45938	46792	46758	46558	46572	46481	46605	46643	46994	46724	46612	46914	101.406	
	15	46792	46325	46844	46520	47223	46406	46456	46590	46884	46991	46617	46835	101.568	
	16	46424	46885	46266	46601	46897	47030	46625	46458	46578	46931	46041	46188	101.285	
	17	46193	46117	46305	46688	46150	46227	46447	46483	46245	46855	46593	45841	100.781	
	18	46671	46178	46817	46832	45998	46773	46366	46583	46296	46341	46850	46449	101.145	
	19	46414	46384	45924	46483	46395	46166	46078	46464	46372	46658	46302	46024	100.694	
	20	46126	46858	46501	46670	46723	46087	46752	45804	46271	46313	46398	45869	100.822	
	21	47235	46416	47113	46670	46276	46666	46802	46466	46639	46455	46476	46695	101.464	
	22	47149	46631	46531	46685	46711	46282	46178	46790	45850	46859	46631	46623	101.284	
	23	47028	46402	46577	46606	46301	46398	46450	46775	46905	46518	46625	46851	101.378	

		INAF/UNIromaTre S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007												20 NM-64
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
3	0	46600	46497	46278	46781	46193	46576	46262	46757	46528	46241	46409	46180	100.979
	1	46411	46149	46088	46312	45940	46822	46173	46394	47299	46282	45825	47095	100.899
	2	46479	46592	46507	46027	45894	46570	45970	46134	46646	46264	46627	46336	100.764
	3	46093	46575	46571	46629	46473	47099	46566	46142	46675	46688	47078	46403	101.298
	4	46176	46024	46478	46447	47257	46805	46741	46573	47027	46803	46136	47096	101.401
	5	46664	46780	46719	46850	46310	46785	46610	45931	46468	46566	46553	46595	101.268
	6	47038	47269	46580	45989	46807	46369	46742	46992	46658	45643	46419	46360	101.274
	7	46492	46797	47114	47137	45867	46333	47386	46872	45851	46019	46911	46989	101.438
	8	46876	46673	46546	46391	46251	47126	47270	46925	47091	46373	46542	46612	101.602
	9	46916	47237	46450	46527	45905	46113	46888	46247	46221	46515	46552	47213	101.260
	10	46657	46592	46600	46697	46822	46965	46683	46845	46161	46193	46672	46735	101.411
	11	46934	47209	46668	46635	47090	46578	47401	46522	46925	46910	46269	46159	101.715
	12	46495	46610	46980	46409	46623	46342	46298	46386	46841	46654	46524	47095	101.346
	13	46611	46792	46682	46862	46889	46591	46520	46506	46954	46798	46635	46878	101.610
	14	46254	46864	46721	46419	46612	46023	46498	46617	47030	46689	46595	46417	101.252
	15	46973	46277	46335	47202	46377	46160	46080	46511	46822	46464	45899	46353	101.018
	16	46781	46302	46703	46813	46303	46229	46501	46324	46465	46663	46898	46178	101.147
	17	46809	47283	47133	46495	46181	46091	46263	46359	46295	46155	45732	46194	100.933
	18	46295	46224	46344	46727	46213	46686	46267	46579	45972	46163	46782	46571	100.904
	19	46482	46258	46383	46039	46388	46176	46089	46341	46574	46087	46345	46074	100.617
	20	46655	46327	45745	47082	46166	46433	46379	46435	46128	45977	46505	46272	100.774
	21	47038	46560	46172	46316	46589	46880	46396	46619	46131	46288	46193	46009	100.970
	22	46461	47200	46584	46620	46404	46085	46793	47306	46412	46127	46318	45897	101.154
	23	46134	46361	46684	46713	46574	46734	46968	46658	46450	46763	46289	46666	101.298
4	0	45917	46653	46342	46497	47022	46382	46395	46512	46591	46886	46888	46783	101.265
	1	46870	46910	46444	46628	46505	46344	46152	46586	46566	46886	46913	46007	101.264
	2	46662	46910	46701	47051	46195	46631	46676	46357	47062	46247	46229	46041	101.255
	3	46545	46394	46196	47050	46633	46261	46728	46842	46548	46424	47005	46569	101.334
	4	46480	46330	46408	46667	46746	46850	46269	46573	47057	46490	46060	46325	101.164
	5	46265	46789	46818	46701	47043	46350	46519	46127	46574	46648	46680	46932	101.379
	6	47185	46652	46932	45951	46182	46277	46854	47145	47032	47340	46587	46673	101.627
	7	46623	46799	46050	47089	46497	46518	47341	47372	47175	46633	46417	46609	101.683
	8	47128	46808	46542	46781	46981	46642	46728	46281	47052	47079	47331	46701	101.852
	9	47032	46550	47034	46799	46690	46089	46753	47294	48018	46782	46356	46786	101.875
	10	46851	46333	46754	46597	47164	47295	47011	46959	47091	47030	46779	46716	101.947
	11	46770	46496	46738	47340	46946	47252	46709	46769	46609	46525	47256	46179	101.768
	12	46821	47182	46715	46335	46419	46754	47399	45961	47060	46656	46467	47658	101.738
	13	46707	46361	46624	47556	46341	46947	46437	46449	46865	46773	46772	46749	101.585
	14	46026	46370	47038	46721	46977	46483	46076	47261	46762	46266	47022	46529	101.395
	15	46255	46944	47062	46775	46599	46019	46490	46760	46939	46642	46723	46660	101.456
	16	46917	46786	46390	46623	46660	46873	47109	46652	46430	46192	46607	46589	101.449
	17	46120	47236	47032	46473	46556	47015	46412	46439	46172	46368	46431	47016	101.348
	18	46557	46461	46766	46321	46894	46612	46747	46248	46807	47005	46725	46415	101.400
	19	46377	46767	47411	46648	46804	46450	46887	46248	46814	46637	46271	46106	101.375
	20	46383	46982	46345	46899	46412	46777	45970	46859	47165	46404	46434	46584	101.337
	21	46391	45959	46266	46624	46089	46690	46883	46501	46930	46459	46986	46414	101.152
	22	46501	46401	46171	46657	46250	46757	46788	46595	46369	46439	46995	46544	101.202
	23	46667	46512	46363	46255	46738	46109	46016	46717	46177	46701	45905	46046	100.793

		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007											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	45918	46498	47164	46896	46706	46666	46675	46326	46810	46912	46496	46263	101.359	
	1	46418	46300	46698	47056	46110	46592	47010	46300	46730	47231	46699	47009	101.507	
	2	46253	46572	47273	46517	46443	46556	46584	46280	46585	46494	46683	47022	101.346	
	3	46381	46715	47022	46884	46339	46670	46657	47377	46782	46142	47159	46314	101.560	
	4	46545	46777	46758	46203	46911	46585	46268	46969	46417	46234	46381	46728	101.259	
	5	46640	46386	46913	47488	46719	46061	46871	46763	46893	46316	46298	46548	101.461	
	6	47023	47060	46327	46280	46728	46979	46404	46498	46578	46205	46243	46863	101.333	
	7	47366	46776	46866	47057	46896	46869	46564	46300	46915	46476	46913	47081	101.857	
	8	46632	47022	46675	46496	47039	46805	47231	46685	46878	46675	47234	46782	101.870	
	9	46689	47047	46817	46572	46750	46291	47125	47257	46919	46863	46611	47236	101.874	
	10	46942	46781	47357	46482	46977	47408	47355	46727	47110	46777	47449	46390	102.161	
	11	47125	46661	46715	47443	46599	46495	47032	47602	46328	46800	46517	46800	101.863	
	12	47471	47035	46563	46820	46876	46543	46724	47383	46837	46593	46385	46692	101.828	
	13	46778	47187	46827	46624	47288	46856	46853	46494	46993	46557	46992	46844	101.896	
	14	46641	47092	47220	46317	47263	46943	46736	46849	46933	46859	47395	47169	102.099	
	15	46694	46557	46852	46559	47080	47367	47274	46017	46967	46497	46933	46190	101.659	
	16	46480	46723	46737	45966	46532	46210	46956	46401	46385	46919	46825	46689	101.267	
	17	46608	46649	47087	46770	46648	46995	46500	46929	46666	46836	46593	46380	101.600	
	18	46225	46305	46810	46508	46169	46658	46626	47459	46995	46682	47160	46148	101.433	
	19	46836	46725	46536	46377	46493	46954	46996	46490	46584	46785	46190	46534	101.390	
	20	46185	46310	46561	47240	46468	46333	46366	46282	46977	46449	46623	46570	101.184	
	21	46192	46647	46943	46473	46263	46025	46717	46700	46411	46412	46432	46853	101.130	
	22	45989	46744	46642	47514	46688	45727	46507	46218	46718	46585	46384	46649	101.184	
	23	46625	45855	46391	46882	46336	46962	46403	46190	46896	46711	47051	46267	101.220	
6	0	46837	46744	46680	46293	46540	46262	46606	46074	46777	46635	47047	46701	101.334	
	1	46986	46340	46234	46298	46581	47010	46117	47561	46642	46622	45872	46765	101.304	
	2	46713	47035	46181	46483	46773	46710	46882	46689	46458	46399	46391	46692	101.373	
	3	46384	46225	46807	46900	46232	45929	46727	46056	46392	46667	46442	46878	101.052	
	4	46777	46822	46863	46733	46332	45870	46842	46631	46851	46221	46381	46761	101.314	
	5	45973	46156	46490	46697	46748	46470	47090	46446	46924	46476	46909	46039	101.193	
	6	46866	45929	46395	46321	46577	46405	46652	46478	47312	46530	46480	46988	101.287	
	7	46791	46760	46956	46280	46757	46668	46770	47300	46346	46813	46334	47012	101.623	
	8	46932	45988	46807	47011	46105	46782	46346	46196	46290	46418	46944	46858	101.241	
	9	46899	46860	47172	46410	46382	46767	46126	46819	46468	46215	46295	46596	101.300	
	10	46885	46875	46640	46648	46232	46661	47329	46983	46197	46196	46801	46453	101.462	
	11	47097	46939	45664	47050	46567	47449	46945	46659	46677	47042	47042	46963	101.860	
	12	47041	47378	46931	46330	46607	46439	47206	46611	47064	46726	46420	46644	101.733	
	13	46811	47301	46524	47032	46555	46237	46788	46592	46928	46311	47077	46704	101.636	
	14	47165	47505	46556	46596	46876	46934	46555	47371	46806	47357	46714	47219	102.142	
	15	47485	46736	47011	47327	46783	46367	46715	46247	47004	46878	46575	47336	101.926	
	16	46633	46832	47405	47180	46938	46363	46262	46491	47072	46537	46787	46617	101.682	
	17	46944	46466	46916	46650	46336	47129	47613	46163	46606	46744	46374	47068	101.663	
	18	46338	46227	46461	46822	46976	47204	46339	46503	46918	45847	47227	46444	101.354	
	19	46810	47084	46369	46813	46333	46581	46720	46525	47337	46223	46426	46998	101.519	
	20	46805	46222	47161	47238	46737	46856	47211	46990	46320	46723	46643	47171	101.856	
	21	46922	47160	46351	46338	47023	47222	46697	46958	46102	46660	46050	46251	101.432	
	22	46448	46610	46959	46660	47181	46612	46557	46189	46537	46314	46638	46955	101.418	
	23	47083	46940	46652	46988	47011	47465	46388	46595	46459	47196	46105	47012	101.823	

		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007												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	46370	46313	46534	46710	46457	47048	46467	45967	46380	46646	46894	46624	101.188
	1	46749	46739	46396	46297	46505	46748	46097	46520	46583	46650	46243	46749	101.167
	2	46727	46190	46373	46425	45954	46856	46391	46756	46242	47013	46587	46856	101.185
	3	46307	46691	46508	46454	46487	46536	46303	46314	46922	46813	46527	46690	101.217
	4	46473	46766	46824	47095	46385	46858	46650	47394	46427	46969	46560	46564	101.655
	5	46382	46463	46356	47144	46849	46637	46238	46323	46414	46188	47000	46555	101.217
	6	46367	46664	46810	46652	46567	46550	46002	46044	46329	46791	46981	46800	101.218
	7	46682	46726	46506	47352	47372	46744	47264	46957	46660	46386	46734	46254	101.777
	8	46779	46868	46296	47377	46386	46387	46685	46361	46522	47301	46434	46882	101.530
	9	46920	46579	46572	47029	46196	46826	46701	46822	46395	46280	46940	47177	101.559
	10	47391	46534	46397	46589	46616	46989	46838	47148	46665	46252	47362	46107	101.641
	11	46229	47160	46632	47499	46871	46514	46915	46657	46937	46138	46590	46774	101.646
	12	46316	46595	46855	46930	46847	46325	46384	46665	47229	47612	46557	47156	101.747
	13	46235	47033	46742	46930	46085	46879	46729	46858	47796	46526	47426	47443	101.966
	14	46938	46822	47060	46760	46732	46575	47011	46390	46937	46864	46747	46489	101.720
	15	47137	47068	47749	46874	46746	47465	46895	46764	46889	46187	47092	46842	102.152
	16	46988	46323	46940	47206	46634	46793	46883	46290	47100	46853	46809	46342	101.690
	17	46662	47000	46880	46736	47066	46983	46903	46871	47072	47051	46622	46968	101.989
	18	47181	45904	46854	47399	46439	46616	46725	46274	47038	46855	47170	46512	101.655
	19	46836	46772	46764	47134	46719	46488	46807	46729	46870	46854	46074	46823	101.638
	20	46585	46551	46814	46643	46096	47164	46612	46428	47185	46394	47158	46433	101.491
	21	47141	46373	47009	46737	46773	45918	47092	47287	46141	46186	46494	47498	101.597
	22	46381	46681	46633	46353	46196	46353	47330	46477	46223	46102	46968	45740	101.016
	23	47380	46857	46881	46447	46515	46604	46753	46674	46412	46800	46423	46598	101.542
8	0	46970	46751	46825	46722	47088	46450	46312	46446	46728	46313	46895	46593	101.490
	1	46392	46680	47138	46372	46037	46813	46810	46529	46163	46716	46629	46869	101.326
	2	47091	46457	46869	46801	47247	47087	46529	46587	46863	46534	46576	46399	101.668
	3	46773	46753	47266	46539	47034	46504	46497	46360	46768	47481	46625	46031	101.594
	4	46664	46485	46698	46054	46791	46446	46442	46640	46459	47040	47621	46336	101.421
	5	47120	47108	46915	46645	46453	46415	45879	46881	46963	46414	46559	47092	101.560
	6	46241	47214	46063	46685	47255	46733	46857	46382	47075	46871	46488	47207	101.674
	7	46438	46992	46822	46906	46203	46769	46340	46719	46738	46692	46088	46635	101.361
	8	46907	46591	46791	47326	46602	46776	46776	46922	46551	46186	47522	47034	101.839
	9	46256	47183	47307	46685	47038	46695	46532	46822	46936	46863	46505	47374	101.878
	10	46546	46873	46813	46762	46997	46957	47507	46774	47056	47126	47129	46644	102.057
	11	47119	46780	46695	46782	46882	47097	47074	47029	47173	46799	46432	46092	101.834
	12	46812	46992	46421	46705	46956	46850	46723	46624	46899	46576	46990	46653	101.697
	13	46871	46959	47050	47179	46829	46817	47263	47513	46553	46415	47513	47039	102.205
	14	47231	46798	46868	46676	46598	46823	47505	47066	47076	47241	46366	46324	101.946
	15	46626	46595	46540	46796	46317	47840	46677	47212	46715	47463	47216	46226	101.882
	16	47020	46983	46971	46620	46815	46038	47114	46647	46827	47352	46972	46870	101.884
	17	46853	47111	46316	47233	45924	46853	46249	47379	46317	46409	46884	47001	101.576
	18	47053	46060	46590	46795	47006	46860	46475	47268	46435	46930	46249	46515	101.523
	19	46538	46851	46809	46945	46857	46774	46511	46662	46970	46582	46537	46840	101.639
	20	47124	46778	47015	46647	46493	46410	47290	47297	47064	46248	46124	46241	101.613
	21	46842	46264	47034	46531	46441	46421	46292	45846	47001	46267	46504	47335	101.259
	22	46311	47216	46252	46813	46398	46348	46845	46565	46806	46570	46099	46163	101.188
	23	46113	46705	46616	46292	46457	46255	46681	46046	46527	46241	46139	46744	100.903

		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007											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	46421	46812	45772	46492	46172	45903	46532	46753	47073	46017	46669	45444	100.761	
	1	45820	46717	46413	46343	46323	46116	46247	46265	45993	46246	46102	46744	100.634	
	2	46497	46407	46283	46850	46249	45944	46603	46119	46404	46076	46225	46352	100.757	
	3	46381	47067	46803	46897	46554	46505	46389	45455	46580	46318	46387	46345	101.060	
	4	46976	46666	46602	46721	46276	46695	46509	47138	47041	46303	46220	46581	101.430	
	5	46163	46410	45909	46547	46468	46851	46309	45860	46652	46444	47311	46038	100.930	
	6	46129	45861	46522	46442	46423	45898	46590	46424	45882	46523	46511	46355	100.675	
	7	45934	45690	47000	46351	46192	46287	46244	46503	46401	46414	46881	46079	100.751	
	8	46442	46433	45955	46530	46534	46288	46596	46205	46461	46298	46482	45749	100.750	
	9	46307	46161	46376	46689	46274	46398	45681	47058	47144	46323	46452	46780	101.053	
	10	46523	45945	46732	46417	46612	46992	46280	46727	46668	46026	46410	46980	101.174	
	11	46580	46715	46305	45399	46667	47036	47245	46574	46177	46087	45085	46594	100.839	
	12	46448	46588	46384	46973	46507	46898	46861	46137	46372	47013	47010	46268	101.382	
	13	46347	47103	46248	46604	46437	46684	46279	46219	46845	46274	46044	46913	101.117	
	14	45901	47266	47037	46446	46964	46224	46528	46880	47513	47167	47241	46538	101.789	
	15	47261	46598	46505	46820	46499	46469	46147	46615	46330	46931	46925	47159	101.527	
	16	46592	46967	46834	47258	46445	46462	46879	47090	46397	46384	46345	46068	101.429	
	17	46178	46679	46554	46951	46059	46456	46552	46371	46781	46692	46963	45717	101.109	
	18	46305	47107	46844	46731	46795	46668	46523	46750	46297	46874	46694	47108	101.606	
	19	46038	46680	46958	46844	46444	46996	46920	46861	46562	46357	46179	46522	101.364	
	20	46319	47162	46340	47020	45984	46168	46728	46809	46451	46580	46383	46005	101.109	
	21	47123	47031	46263	46468	46363	47008	46130	46950	46608	46035	46260	46818	101.309	
	22	46662	46658	46071	46629	46581	46647	46978	46780	46340	46590	45998	46726	101.237	
	23	46652	46004	46479	46643	46502	46848	46573	46475	46236	46525	46688	46440	101.129	
10	0	46290	45933	46460	46414	46339	46410	46160	47021	46285	47205	46542	46122	100.966	
	1	47279	46623	46597	46435	46487	46231	46919	46400	46501	46217	46157	46067	101.102	
	2	46559	47110	46797	46313	46584	46214	46526	46294	46629	46143	45938	46530	101.052	
	3	46155	46311	46293	46444	47208	46532	46723	46419	46514	46710	46656	47449	101.374	
	4	46558	46328	46411	46140	47135	46763	46749	45621	46055	46501	46559	46839	101.056	
	5	46275	46734	46734	46904	46660	46381	46892	46561	46627	46462	46424	46358	101.301	
	6	46985	46663	45792	46510	46746	46548	46607	46677	46478	46156	46191	46283	101.051	
	7	46247	46307	46871	46318	46365	46134	46847	46901	46375	46924	47114	46009	101.192	
	8	46847	46788	46286	46542	46596	46810	46686	46838	46219	46378	46862	46234	101.314	
	9	46460	47253	46746	46198	46402	46578	46424	46922	46193	46873	46501	46244	101.261	
	10	47140	46779	46266	46677	46070	46949	46362	47263	46502	47200	46746	46499	101.562	
	11	46643	46472	46351	46407	46233	46909	47122	46490	46455	47071	47406	46152	101.428	
	12	46693	47085	47137	46700	46399	46334	46748	46350	46617	47016	46434	46613	101.503	
	13	46353	46934	46953	46925	47333	46068	46564	47074	46406	46648	46657	47008	101.647	
	14	47218	46702	46475	46508	46188	46148	46628	46913	46917	47032	46260	46779	101.438	
	15	47200	46569	46772	46668	46413	47230	46354	46776	46325	46597	46766	46595	101.528	
	16	46036	45811	46635	46357	46115	47402	47005	46504	46935	46281	46882	46851	101.265	
	17	45954	46655	46456	47382	46603	46893	46710	47247	47336	46988	47071	47091	101.911	
	18	46942	47203	46559	45963	45907	46576	46825	47044	46660	46852	47064	46332	101.467	
	19	46573	46371	46732	47093	46393	46408	47087	46596	46483	46558	46161	46451	101.282	
	20	47395	46378	46052	46903	46675	46611	46610	46812	46602	46151	46000	46691	101.278	
	21	46462	46657	46283	46988	46700	46804	46957	46268	46331	46144	46542	46357	101.207	
	22	46631	46537	46500	45603	46715	46034	46234	46575	46800	46344	46378	46720	100.949	
	23	46585	46985	45874	46170	46988	46353	46251	46320	46631	47333	46280	47299	101.312	

		INAF/UNIromaTre S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007												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
11	0	46451	45964	46313	46186	46995	46253	46474	46643	46882	46229	46822	46373	101.039
	1	46558	46227	46632	46474	46326	46010	46620	46324	46665	46512	46324	46020	100.880
	2	46880	46441	46587	46890	45983	45943	46717	46686	46490	46617	46761	46749	101.252
	3	46377	46078	46289	46168	45850	46792	46537	46438	46203	46188	46464	46447	100.724
	4	46291	45937	46355	46316	46526	46532	46577	46528	46957	46113	45844	45701	100.697
	5	46645	46463	46561	46547	46192	46596	46552	46336	46472	46796	46267	46890	101.175
	6	46434	46522	46130	46536	46224	46045	45807	47075	46171	46535	46282	46437	100.791
	7	46670	46302	46005	46627	46713	46478	47012	46829	46636	46424	46632	46027	101.182
	8	46648	46873	46794	46722	46562	46292	46717	46311	46803	46934	46905	46830	101.551
	9	46682	46596	46934	46759	46886	46731	46282	46507	46359	46603	46600	46461	101.371
	10	46187	46410	46190	46168	46898	47073	46421	46676	46746	46916	46255	46549	101.207
	11	46709	47095	46334	46435	46094	46684	46791	47062	46669	46269	46596	46569	101.354
	12	47206	46726	47147	46662	45679	47091	46589	46050	46148	46632	46756	46221	101.282
	13	46589	47109	46285	47315	46625	46624	47367	46907	46537	45808	46662	47114	101.651
	14	46635	47011	47094	47599	46713	46999	46948	46806	46940	47325	46394	46571	102.030
	15	46972	46680	46644	46576	46477	46037	46814	46206	46972	46193	45950	47381	101.281
	16	46825	46616	46978	46471	46805	46384	46554	46696	46163	46986	46613	46813	101.463
	17	46772	47049	46889	46723	46785	46358	46644	45845	46363	46293	46656	46403	101.259
	18	46195	45853	46362	46874	46907	46509	47046	46752	46042	46195	46161	47093	101.115
	19	46306	46793	46784	46274	46958	46207	46979	46594	46839	46479	46918	47165	101.533
	20	46462	46395	46710	46438	46155	46428	46465	46365	46216	46635	46571	47347	101.152
	21	46529	46576	45923	46558	46648	46584	46418	46272	46676	46780	46388	46755	101.137
	22	46616	46342	46929	46278	45963	47136	46322	46480	46004	46300	46110	46350	100.905
	23	46103	46494	45909	46136	46936	46198	46448	46386	46763	45759	45873	46249	100.620
12	0	46781	46425	46503	46584	46859	46111	46197	46296	46429	46801	46521	46713	101.155
	1	45976	46145	46262	46909	46625	46491	45917	46681	46095	46395	45559	46599	100.693
	2	46657	47124	46784	46190	46469	46090	46680	45739	46061	46543	47157	46393	101.097
	3	46619	46880	46198	46795	46136	46632	46447	46880	46297	46851	46473	46072	101.168
	4	46047	45855	46246	46296	46785	46785	46127	46463	45922	46300	46270	46871	100.749
	5	46413	46200	47088	46195	46234	47066	46126	47253	46321	46358	46504	46643	101.190
	6	46680	46254	47015	46340	46659	46140	46878	46346	46808	46388	46103	47045	101.236
	7	46342	46576	46329	46520	46574	46414	46791	46763	46616	46516	46759	46191	101.188
	8	46358	47316	46319	46236	46956	46381	46782	46500	46667	46699	46082	46289	101.223
	9	46681	46755	46242	46932	46470	46728	46677	46667	46303	46950	46845	45887	101.324
	10	47027	46350	47300	46828	47297	47248	46561	46324	47073	47211	47025	47367	102.134
	11	46272	46472	47300	46400	46494	46604	47086	45938	46829	46221	47263	46741	101.411
	12	46610	46546	46802	46827	46675	47429	46860	46741	46457	46672	46881	46906	101.735
	13	46750	46457	46695	46644	46608	46276	47065	47144	46818	47061	46623	46805	101.651
	14	46791	46793	46582	47364	46565	46479	47394	46523	46664	46682	46251	47067	101.689
	15	46344	46192	46616	46127	46613	46565	46828	46122	47229	46523	46386	46676	101.158
	16	46537	46955	46805	46550	47204	46880	46822	46851	46516	47015	46831	46548	101.754
	17	47236	46628	46347	46649	46678	46925	46864	46429	46323	46715	46961	46441	101.516
	18	46912	46436	47651	46648	47372	46361	46542	46304	46440	46949	46384	46489	101.569
	19	46293	47177	47180	46744	46154	46645	46658	46115	46244	46824	46461	47489	101.477
	20	46709	46931	46589	46110	46821	46939	46362	46557	46219	46316	46495	46840	101.278
	21	46523	46400	46466	46446	46692	46228	46366	46660	46833	46365	46841	46782	101.227
	22	46674	46384	47008	46817	46387	47096	46778	46749	46856	46603	45662	46634	101.416
	23	46618	46172	46203	46858	46510	47081	46075	47123	46581	46614	46457	45862	101.145

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007										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
13	0	46563	47075	47262	47383	46643	46215	46036	46832	46650	46223	46390	46821	101.490
	1	46211	46348	46161	46760	46695	46504	46167	46499	47101	46476	46391	46462	101.077
	2	46514	46567	46035	46594	46856	46839	46745	46435	46706	46367	46491	46989	101.324
	3	47006	46520	46000	46239	46604	46664	46566	47230	47219	46734	46210	46281	101.349
	4	46691	46865	46616	46987	46113	46293	46848	46851	47210	46894	46555	46652	101.584
	5	46371	46718	46401	47042	46821	46873	46742	46390	47100	47147	46923	46155	101.603
	6	46226	46788	47601	46938	46678	46714	46867	47149	47130	46545	46487	46597	101.792
	7	46998	45961	46449	45758	46609	46517	46832	47114	46843	46910	46916	46665	101.403
	8	45695	45806	47170	47009	46102	46820	46915	46674	46491	46573	46817	46971	101.306
	9	46783	47299	46834	46825	47027	46629	47069	47023	46548	46723	47248	46155	101.872
	10	46920	47289	46554	46680	46849	46754	47024	46357	46475	47534	47258	47438	102.048
	11	46496	46650	46607	47104	46814	46547	46441	46200	46335	47097	46469	46479	101.342
	12	47504	47274	46788	46731	46532	46494	46699	46581	46281	46567	46623	46800	101.638
	13	47101	46240	46860	46766	46923	46842	46653	46501	46609	47292	46776	47030	101.769
	14	47190	47177	46510	46682	46750	46684	46588	46371	46317	46558	46775	46390	101.478
	15	47387	47049	46923	47049	46731	46488	46695	46241	46539	46624	46710	46521	101.654
	16	46767	46194	46719	46392	46145	47143	47090	46312	46599	46832	46567	46106	101.275
	17	46878	46443	46924	46851	47132	46148	46336	46332	46525	46671	46298	46759	101.353
	18	46614	46971	46777	46867	46863	47503	46296	46081	46898	46267	46065	46763	101.474
	19	45869	46302	46700	46639	46513	46633	46167	46802	47276	46115	46355	46308	101.059
	20	46516	47220	45969	46774	46320	46536	46578	46875	46410	46631	46376	46402	101.228
	21	45674	46130	46248	46229	46817	46306	46384	46420	46319	46383	46959	46512	100.824
	22	47471	46487	46848	46711	46754	46388	46417	46567	47220	46205	46399	45864	101.359
	23	46446	46495	46996	47307	46450	46502	46667	46893	46993	46835	46793	46291	101.601
14	0	46010	46921	47151	46162	46491	46382	46556	46038	46613	46466	46346	46786	101.101
	1	47092	46853	47000	46002	46428	47188	46524	46600	46543	46551	47032	46254	101.492
	2	46210	47301	46335	46871	46900	46527	46761	46845	46357	47303	46547	46027	101.477
	3	46676	46138	46909	46923	46761	46754	46488	46823	46189	46313	45620	45792	101.006
	4	46750	46051	47051	46884	46259	46649	45773	46924	46170	46415	45990	46819	101.069
	5	46466	47127	46272	45868	46548	46130	46605	46213	46452	46544	46387	46108	100.886
	6	47608	46397	46098	46635	46855	46379	46413	46754	46298	46756	46880	46148	101.339
	7	47171	46776	47157	46728	47096	46501	46548	47566	47206	46847	46228	46295	101.864
	8	46500	45968	46621	46115	46738	46448	46319	46203	46627	46576	46808	46711	101.051
	9	46563	47444	46673	47080	47505	46951	46941	46675	46505	47301	46464	46575	101.965
	10	46559	46486	46523	47137	46651	46940	46427	46773	45718	47114	46490	46650	101.383
	11	46816	46509	46821	46934	46509	47069	46838	46430	46838	46588	46770	46402	101.575
	12	46609	46586	47019	47300	46999	46465	47119	46759	46663	47129	46024	46601	101.711
	13	46617	46698	46130	46913	46360	46365	46114	46462	46735	46815	46060	46712	101.114
	14	46851	46790	46743	47005	46522	47383	46816	47041	46322	46651	46214	46425	101.618
	15	46108	46491	47018	46772	46957	46266	46215	46241	46717	46072	46074	46892	101.085
	16	46383	46459	46839	46511	46361	46567	46217	47018	46488	46628	46357	46378	101.155
	17	46384	46637	46815	46554	46475	46254	46323	46801	46401	46955	46697	46871	101.329
	18	46269	47007	46843	46139	46880	46765	46625	46671	46827	46760	46603	46477	101.456
	19	46380	46759	46219	46210	46630	46146	45975	46149	46199	46301	45927	46409	100.629
	20	46883	46898	46075	45917	45816	46688	46238	46746	46377	46721	46612	46478	101.018
	21	46738	46273	46291	46523	46786	46637	46685	46633	46470	46658	46345	46693	101.250
	22	46452	46261	46534	46024	45887	45994	46829	46165	46250	45719	46584	46861	100.675
	23	46209	46558	45998	46519	46549	46417	45559	45753	47059	46189	46560	46528	100.737

		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007												
		INAF/UNIRomaTre			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	46802	46656	46577	46708	46848	46520	46217	46440	46752	46189	46619	46438	101.259
	1	46494	46857	46773	46575	46103	46302	46256	46038	47117	46399	46845	46354	101.138
	2	46078	46795	46817	46567	46679	46637	45946	47060	47126	46093	47147	45995	101.288
	3	46730	46767	46584	46691	47148	46450	47264	46454	46852	47160	46634	47269	101.843
	4	46885	46036	47417	46300	46762	46787	46194	46567	46180	46420	46795	45926	101.166
	5	46558	45949	46386	47017	46311	46886	46915	46342	47179	45913	46283	46423	101.147
	6	46447	46374	46604	46349	46719	46739	47125	46675	46926	46703	46493	46649	101.444
	7	46088	47179	46506	46902	46976	46559	47413	47059	46691	46816	47015	46619	101.810
	8	47502	46922	46743	47188	47585	46284	46519	46797	46416	46421	47075	47429	102.002
	9	46523	47305	47764	47189	47056	46868	46565	46238	47050	46772	46447	47045	101.992
	10	46802	47197	47039	46076	47364	47063	46830	47081	46216	46726	47051	46631	101.856
	11	47474	46616	46883	47294	47340	47141	46558	47770	47381	46845	47221	47120	102.502
	12	47095	46720	47209	47282	46752	47086	46756	47027	46766	46061	46575	47584	102.007
	13	46861	46247	46861	47300	46349	46261	46663	46608	47157	47244	46748	46706	101.662
	14	46902	46728	46496	46820	46846	47366	46553	46846	46086	46396	47364	46559	101.654
	15	46829	46751	46900	46973	47064	46475	46564	46487	46552	46828	46867	47096	101.731
	16	47357	47038	46651	46622	47194	46832	46651	46535	47090	46313	46723	46996	101.842
	17	47060	46778	47224	46679	47173	46884	46932	46706	46834	46811	46789	46900	101.982
	18	46805	46985	46568	46836	46497	46069	46816	46690	47338	46273	46326	45857	101.310
	19	46878	46223	46971	46232	47013	46832	46698	47058	46890	46348	46351	46997	101.569
	20	46644	47575	47352	46471	46604	46877	46509	46633	46949	46647	46582	46390	101.704
	21	47092	46194	46585	46821	46345	46996	46667	46573	46113	46727	46890	46545	101.398
	22	46528	46309	46539	46546	46622	46862	46928	46382	46767	46552	46441	46854	101.358
	23	46213	46633	46336	46726	46331	46202	46692	47521	46821	47167	46782	46082	101.390
16	0	46350	46322	46578	47245	45759	46348	46245	46604	46463	46996	46593	46364	101.085
	1	46667	46685	46599	46463	46273	46710	47030	47008	46717	46431	46778	47087	101.561
	2	47126	47073	46536	46456	47242	47210	46564	46784	46248	46781	46310	46103	101.558
	3	46962	46884	46718	46891	46526	46710	46821	46623	46775	46884	46342	46154	101.533
	4	47080	47639	46754	46460	46149	47295	46747	46276	46635	46767	46647	46553	101.662
	5	47537	47306	46350	46410	46547	46960	46550	46743	47070	46971	46280	46907	101.776
	6	47005	46294	46699	46579	47134	47330	46403	47032	47000	46908	46963	47226	101.946
	7	46610	46591	46348	47045	46747	46612	46447	46658	46911	46915	46123	46849	101.454
	8	47438	47089	46507	46759	46646	46632	47048	46916	46973	46555	46932	46441	101.830
	9	46186	47178	46939	46767	46562	47124	46989	47007	46527	47099	47649	46409	101.921
	10	46690	46625	46619	46666	46655	47099	46639	46521	46589	46949	46637	46299	101.478
	11	46886	47345	47259	47321	46212	47209	46245	46746	46667	47072	46995	46467	101.919
	12	47200	46728	46704	47076	47246	46491	46757	46322	47186	46416	46893	46818	101.813
	13	46930	47089	46751	46532	46908	46486	46905	46514	46724	46723	46883	46584	101.666
	14	47744	46428	46494	47406	46376	47057	46662	47445	46976	46743	47066	47099	102.113
	15	47036	46918	46828	46802	46697	47029	46947	46682	46541	46493	46968	46115	101.673
	16	46815	46989	45948	46483	47027	46312	46859	46279	46972	46781	46724	46896	101.496
	17	46645	47085	46691	47383	47021	47046	46967	46976	47028	47048	46774	46776	102.104
	18	46729	46755	46846	46740	46849	46608	47113	46422	46649	46972	47059	46695	101.741
	19	46202	47138	46398	46812	46514	46431	46598	46197	46572	46209	46989	46358	101.194
	20	45990	46927	46811	46148	46537	46546	46653	46233	46576	46662	46553	46143	101.077
	21	46658	46855	46583	47529	46904	46847	47097	46755	47152	47076	46951	46457	101.999
	22	46747	46968	47564	47351	47110	46731	46836	46678	46797	46744	46859	46342	101.975
	23	46958	46162	47397	46939	46535	46926	46918	46547	47089	46839	46724	47009	101.850

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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	46829	46155	47256	47014	46686	46943	46068	46718	47085	46665	47377	46658	101.737
	1	47334	46882	46464	46468	46555	46723	46547	46325	47203	46935	46863	46602	101.643
	2	47155	46539	46659	46604	47168	46316	46446	46467	46718	47005	46871	47028	101.657
	3	46746	46530	46080	46809	46717	47357	46333	47036	46332	46652	47141	46865	101.588
	4	47272	46586	46969	46694	47402	46589	46863	46306	46472	46399	46630	47287	101.747
	5	46393	46862	46819	46911	47059	46636	46750	47442	46387	46756	46585	46907	101.753
	6	45905	46601	46424	46673	46577	46593	47158	46691	46072	46667	46597	46905	101.274
	7	46734	46738	47105	46313	46684	46860	46362	46237	46928	47154	46252	46154	101.394
	8	46891	46559	46602	46530	46946	46926	47457	46970	46832	47388	46254	46778	101.866
	9	46563	46655	47015	46567	46909	47344	46612	46472	46409	46957	46601	46379	101.568
	10	47118	46626	47043	46914	47029	46989	46470	46768	46518	46880	47144	46608	101.862
	11	46705	47795	47125	47370	46752	47198	47018	47529	46698	47300	46663	47090	102.430
	12	46883	47729	46649	47431	47323	47392	47178	47305	47150	47270	47402	46984	102.693
	13	46740	47538	46664	47057	46686	46577	47477	47251	47107	46973	47800	46927	102.350
	14	47454	46992	47345	47157	47597	46972	47178	46598	47287	46957	46580	46756	102.363
	15	46914	47177	47697	47011	47222	46508	47257	47114	47199	46390	46506	45824	101.992
	16	46566	46979	47730	47223	46638	46714	46062	47107	46813	47097	47067	46664	101.962
	17	46290	46832	47040	46442	46459	46604	47178	46692	47243	46670	46948	46871	101.710
	18	46251	46700	46682	46896	46653	46260	46618	46795	46873	46931	46830	46537	101.485
	19	47614	47456	46984	46834	47290	46325	46790	46215	46774	46291	45845	47001	101.738
	20	46853	46762	47032	46821	46944	46702	46367	47205	47080	46361	46559	46452	101.686
	21	46493	47336	46563	46185	47203	47094	45815	47438	46524	46777	46792	46951	101.692
	22	46641	46375	46471	46267	46889	46551	46207	47058	46941	46558	46809	46944	101.427
	23	46559	46818	47069	46236	46775	46466	46609	46585	47281	46200	46788	46244	101.413
18	0	46905	46303	46162	46315	46254	46937	46688	46454	46440	46874	46503	46279	101.137
	1	46692	46736	46448	46316	46129	47039	46720	46720	46664	47142	45993	46556	101.327
	2	46782	47141	46893	46528	46838	46831	47100	47109	46361	46578	46865	46417	101.742
	3	46457	47437	46610	46749	46656	47020	46657	46805	46639	46631	46073	46428	101.509
	4	46414	46672	46103	46617	46624	45953	46882	46380	46755	46614	47031	46457	101.208
	5	46805	47095	46723	47171	46800	46962	47031	46468	46718	47110	46797	46622	101.897
	6	46804	46827	46771	46425	46769	47013	46272	46869	47023	47035	46436	46260	101.571
	7	46690	46393	46569	47023	46950	46556	46900	47473	46633	46816	46322	46907	101.703
	8	46574	47554	47189	47054	46776	46815	46616	46988	47046	46711	47139	47034	102.114
	9	47156	46717	46619	46513	47120	46968	46408	47142	46689	47003	47006	47083	101.920
	10	46566	46656	46772	46656	46593	46311	47134	46875	46469	46706	46614	46506	101.454
	11	46838	46923	46642	46671	46329	46851	47420	46969	46763	46771	47136	46625	101.831
	12	46702	46932	46965	46881	47079	46802	46863	46799	46062	46591	46020	46409	101.499
	13	46131	46973	46758	46997	46634	47121	46668	47005	46344	46220	46933	46665	101.561
	14	46746	47182	46448	46523	47271	46312	46504	46188	46884	46654	46588	46731	101.486
	15	46458	46787	47065	46700	46793	46332	47290	46391	46837	46412	46811	46921	101.624
	16	46179	47343	47278	46508	46565	46515	47189	47094	46934	47183	47117	46499	101.916
	17	46918	46111	46738	46614	47050	46835	47240	46918	46571	46942	46729	47076	101.796
	18	46665	46848	46613	46801	46435	46977	47114	46398	46697	46692	46490	47023	101.617
	19	47063	46976	46476	47272	47167	46598	47320	46886	47058	46643	46454	46686	101.951
	20	47093	46749	47017	47133	46071	46906	47198	46717	46569	46874	46908	46431	101.782
	21	46577	46563	47106	46739	46653	46733	46682	47019	46890	46680	45718	46872	101.522
	22	46473	46532	47080	47535	47104	46738	46860	47623	47293	46492	47227	46812	102.163
	23	46931	46647	46025	45973	46347	46335	46980	46958	46631	47104	46613	47085	101.413

		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007											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	46643	46535	46670	47006	47164	46998	46440	46461	47159	46620	45870	46363	101.466
	1	47018	46912	47331	46581	46430	46901	46561	46308	46979	46335	46663	47046	101.673
	2	47041	46421	46746	47153	46844	46358	47556	46581	46563	46081	46743	46790	101.639
	3	46250	46948	46152	46147	46653	47169	46747	46734	47066	46765	46719	46416	101.438
	4	47226	46507	47004	46325	47099	47287	46955	46198	46657	47091	46471	46226	101.670
	5	47364	47225	47239	47273	46913	47195	46884	46975	46548	46352	46880	46678	102.119
	6	47171	46379	47023	46394	47185	47309	46423	47132	46858	47007	46442	47072	101.914
	7	46500	47074	46419	46864	47158	46556	46332	47373	46782	46463	46797	46957	101.711
	8	46198	46615	46396	46883	45985	47393	46383	46787	46977	46475	47512	46861	101.564
	9	46601	47650	46828	46791	46283	46478	47397	46719	46704	47492	46748	46730	101.918
	10	46727	46528	46651	47354	46817	47604	47004	46589	46670	47177	46535	46352	101.843
	11	47644	46922	46871	46963	46856	47056	46831	46326	47345	47095	46628	47062	102.132
	12	46885	46989	46564	46070	46132	46707	46675	47026	47356	47078	46546	47104	101.686
	13	46485	46831	47397	46000	47087	46962	47098	46674	46620	47277	47037	46800	101.891
	14	47117	47070	46531	46800	46860	46558	46847	47675	46405	46940	46553	46754	101.862
	15	47064	46714	46949	46873	47129	46971	46410	46959	46505	46023	46414	46816	101.630
	16	46828	46549	46321	47153	47546	46909	46362	46496	46983	47110	47055	46377	101.786
	17	46528	46980	47071	47196	46434	46567	46650	47151	46470	46448	46062	47060	101.592
	18	46671	46886	46882	46574	47045	47268	46078	46628	46954	47179	46327	46656	101.688
	19	46769	46680	46739	47305	46805	46902	46742	46597	46746	46974	46479	47086	101.811
	20	46881	46612	45963	46608	46792	46382	46830	46854	47290	46227	46637	46854	101.468
	21	46303	46970	47081	47270	46510	46570	47177	46169	46829	46975	46597	47154	101.771
	22	46152	46271	46478	46669	47082	46838	47024	46782	46696	46691	46734	46761	101.512
	23	46918	46868	47063	46896	46467	47342	46557	46030	46480	46448	47058	46709	101.632
20	0	47095	46974	47137	46786	46865	46367	46847	46445	47320	46640	46835	47246	101.943
	1	46394	46262	46254	46474	46686	46313	46766	46264	46550	46134	46231	47281	101.046
	2	47172	46350	47032	46236	46867	46561	46560	46455	46799	46668	46285	46583	101.402
	3	46258	46601	46447	46072	47289	46640	47133	46914	46785	46777	46565	46968	101.561
	4	46832	47141	46862	46864	46706	46410	46730	47084	46684	46981	46239	46984	101.755
	5	46192	47239	46797	46433	47044	46262	47487	47987	46312	46697	46381	46782	101.772
	6	47184	46820	46421	47212	46618	46734	46636	46691	47207	47190	46785	46418	101.827
	7	46780	47020	47063	46543	46003	46527	46131	46556	46779	46734	46516	46907	101.400
	8	46674	47083	46797	46719	46437	47457	46892	46985	46406	46392	46232	46783	101.635
	9	46715	46652	47252	47563	47267	46700	46820	46460	47081	46985	46417	47135	102.032
	10	46918	47426	46244	46803	46624	46979	46647	47041	47242	47246	46810	49057	102.394
	11	47017	46626	46557	46503	46620	46535	47006	46671	46708	46578	46525	46969	101.537
	12	47206	46436	46855	46336	46924	46723	47039	46570	46566	46882	47026	47337	101.824
	13	47210	46967	46930	46861	46812	47284	46358	46804	46982	47023	46494	46491	101.881
	14	46869	47146	46375	47276	47347	46994	47075	46186	46857	46604	47158	47223	102.044
	15	46861	46988	47244	46169	47112	46481	45975	47026	46031	47011	46787	46642	101.539
	16	46713	47191	46441	46000	46681	46984	46843	46917	46601	46548	46570	46441	101.467
	17	46336	46219	46497	46766	46312	46477	47037	47340	46253	46567	46797	46758	101.364
	18	46763	46966	46986	46810	47116	46346	46881	46665	46537	45660	46910	46503	101.506
	19	46907	46559	46395	46789	46518	46562	46334	46662	46661	46291	47021	46773	101.384
	20	46763	46575	46994	46389	46840	46120	46835	46477	47013	47020	46435	46509	101.475
	21	47069	47319	46878	47322	46727	46310	46779	46812	46718	46576	46965	46831	101.898
	22	47397	46544	46390	45976	45924	46193	46121	46531	46550	46985	46188	46254	100.946
	23	46526	46380	47085	46053	46655	45995	46259	46745	45557	46745	46694	46370	100.948

		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007											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	
21	0	46429	46180	46401	46584	46442	46797	46244	45951	45663	46219	46888	45794	100.680	
	1	46141	46835	46827	46734	46430	46312	46735	46594	46587	47045	46933	46880	101.490	
	2	46789	46620	46608	46828	46621	46597	47305	46527	46758	47074	46485	46854	101.673	
	3	47035	46941	47249	46098	46516	47242	46644	46505	46475	46535	45973	46248	101.383	
	4	46778	47288	46173	46867	46803	47230	46571	46997	46604	46445	46638	46412	101.626	
	5	45991	47563	46238	46676	46040	46800	46879	46841	46408	47079	46902	47085	101.571	
	6	47343	46845	46864	46914	46179	46526	47042	46815	46336	47181	47119	47018	101.875	
	7	47388	46691	46846	46944	46736	46715	46503	46657	46902	46842	46831	46854	101.826	
	8	47053	46649	47433	46834	46105	46384	46512	46783	46702	46444	47014	46101	101.482	
	9	46694	46605	47266	46696	46255	46616	47085	46809	46753	46916	46662	46877	101.704	
	10	47132	47383	47174	46903	46664	47007	46746	46545	47370	46846	47366	47446	102.311	
	11	47076	46914	47599	46906	47222	46541	47240	47354	46388	46535	46784	46375	102.012	
	12	46755	46838	46790	47140	46213	46850	47086	46341	47028	47131	46928	46860	101.835	
	13	46923	47279	47177	46734	46033	47364	46705	46742	46702	46635	46966	46916	101.874	
	14	47460	47612	46943	45819	46742	47119	46636	46936	46368	47020	46652	46663	101.837	
	15	46547	46860	46704	46793	46728	46731	47234	46508	46796	47371	46951	47507	101.974	
	16	46510	46023	46411	46573	46139	47141	47203	46344	47027	46908	46572	46596	101.380	
	17	46270	46318	46449	47211	46873	46209	46373	46909	46679	46841	46774	46466	101.366	
	18	46936	46914	46270	46539	46871	46927	46237	46242	46362	47203	46664	46694	101.455	
	19	46138	46651	46556	46554	46628	46667	47166	46350	46797	46062	46373	46475	101.193	
	20	46598	47185	46193	47189	46208	46321	46166	47061	46591	46822	46596	46401	101.359	
	21	46372	46464	45972	45953	46171	46897	46938	46648	46634	46527	46915	46312	101.082	
	22	46431	46089	46706	46755	46658	47161	46799	46295	46386	46576	46329	46510	101.243	
	23	45796	46280	46582	46547	46854	46316	46282	46309	45830	45953	46673	46158	100.679	
22	0	46487	46610	46402	46266	46281	46731	46912	46303	46335	46549	46618	46065	101.036	
	1	47058	46388	46347	46821	46810	47254	46571	46185	46792	46508	46240	46436	101.373	
	2	46328	46584	45725	46703	46626	46471	46718	46661	46802	46686	46302	46328	101.105	
	3	46323	47057	46000	46329	46218	46982	46472	46837	46295	46221	47192	46571	101.207	
	4	46138	46342	46192	46340	46647	46657	46797	46529	47016	46503	47056	46818	101.305	
	5	45945	46698	46256	46410	46393	46464	46617	46458	46647	46975	47582	46936	101.367	
	6	46777	46615	46623	46555	46378	46491	46878	46921	46858	46716	46378	46646	101.451	
	7	46850	47480	46555	46468	47122	47014	46766	46672	46499	46695	46559	47043	101.792	
	8	46255	46817	46260	46677	46809	46438	46680	46760	46888	46531	46743	46216	101.312	
	9	47231	46834	46890	46443	47126	46712	46434	46637	46626	47600	47418	47182	102.048	
	10	47028	46534	46550	46739	46641	46723	47641	46742	46426	46967	46485	47386	101.817	
	11	46851	46808	46912	47120	46945	46889	46579	46205	46688	46956	46952	46100	101.662	
	12	46919	46374	47062	46953	46862	46803	46698	46755	46496	46021	46611	47075	101.594	
	13	46590	46324	46524	46863	46266	46426	46384	46806	47280	46603	46169	46894	101.323	
	14	46609	46518	46663	46377	46712	47064	47042	47315	46613	46593	46612	46623	101.614	
	15	46869	47327	46727	46684	47272	46315	47094	46738	46704	46350	46938	46164	101.694	
	16	46068	46888	46802	46063	46892	47258	46517	46771	46960	46874	46508	46856	101.563	
	17	46389	47300	46746	46119	46729	46183	46282	46546	46360	45442	46347	46410	100.910	
	18	46867	46383	45744	46163	46932	46200	47204	46500	45971	46103	46815	45914	100.900	
	19	46081	46892	46118	46922	46182	46388	46449	46217	46136	46715	46044	46436	100.861	
	20	46134	46628	46214	46504	46531	46546	46611	46503	46377	46349	46057	46466	100.922	
	21	45883	46193	46306	47123	46851	46534	46364	45900	46325	46356	45481	46207	100.669	
	22	46162	46202	46642	46164	45938	46285	46737	45951	46500	46214	46575	47028	100.827	
	23	46033	46033	46349	46358	45790	46500	45513	46156	46755	45886	46011	45562	100.201	

		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007											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	46256	45808	46613	46084	46448	46891	46597	46534	45696	46254	46713	47041	100.924
	1	46427	46688	46447	46234	46630	46471	46029	45796	46641	46143	46828	46347	100.879
	2	46677	46573	46057	46774	46328	46972	46415	46317	46260	46548	46020	46146	100.952
	3	46623	46094	45998	45874	46659	46482	46298	46253	46760	46794	45887	46499	100.795
	4	46598	46674	46339	45879	46222	46652	46551	46155	46716	46677	46142	45953	100.857
	5	46297	46800	46760	46862	46566	47221	46417	46909	46779	46378	46535	46956	101.567
	6	46767	46798	46548	46697	46409	47199	47052	46890	46350	46657	46628	46218	101.518
	7	47325	46514	46727	46940	46431	46536	46698	47402	46825	46692	46207	46344	101.596
	8	46412	46211	45978	46811	46710	46937	47357	46944	46513	46677	46423	46384	101.364
	9	46005	46980	46056	46932	46914	46547	46843	47231	46926	46923	46431	47414	101.698
	10	46428	46455	47128	47086	47192	47013	47162	46599	47216	47417	47299	46369	102.090
	11	47286	46601	46484	46520	46958	46532	46547	46635	46368	47153	46364	47060	101.572
	12	46329	46746	46666	46615	46397	46829	46644	46331	46593	46606	46515	46659	101.286
	13	46850	47138	46376	46131	46280	46703	46431	47297	47040	46242	46817	46893	101.516
	14	46753	46393	46729	46461	46913	46624	46435	47374	46176	46346	46643	46320	101.329
	15	46849	47210	46705	46085	46004	46701	46869	46006	46234	46418	46755	46565	101.190
	16	46296	46674	47076	46703	46308	46344	46355	46098	47130	45824	46289	46707	101.082
	17	45644	46702	46439	46527	46203	46377	46871	46248	46813	46981	46572	46511	101.097
	18	46137	46699	46629	46756	46282	45769	46703	46407	46166	46153	46913	46610	100.977
	19	46227	47041	45954	46550	45979	46130	46606	47177	46629	46194	46583	46560	101.050
	20	46968	47042	47235	46596	45921	46385	46488	45910	46983	46015	46717	47099	101.364
	21	46232	46672	47086	46602	46295	46358	46438	46008	46511	46586	46020	46878	101.061
	22	46829	47026	46443	46619	46590	46073	47193	46076	45715	46004	46738	46441	101.072
	23	46378	46506	46069	46234	46201	46390	46879	46200	46712	46433	45979	45990	100.750
24	0	45630	45487	46157	46966	46614	47033	46552	46451	46190	46175	46622	47061	100.925
	1	46604	46575	46653	46052	46562	46528	45884	45926	45993	45953	46943	46684	100.820
	2	46612	46921	45706	46517	46823	46090	46568	45955	45450	46210	46035	46638	100.669
	3	46778	46755	46444	46498	46277	46548	46453	46803	46147	45877	46460	46238	100.986
	4	46283	46627	46353	46898	45914	46435	45683	46839	46140	47009	45425	46427	100.762
	5	46392	45939	46427	46703	46824	46343	46554	46820	46305	46170	45568	46554	100.863
	6	46280	46438	46157	46581	46515	46346	47092	46707	46726	45568	46772	46380	101.038
	7	46904	46203	46036	46320	46317	46325	45561	46412	46264	46235	46566	46505	100.692
	8	46205	46082	46450	46120	46336	47258	46611	46705	46281	46492	46260	46942	101.071
	9	46776	46894	46299	46632	46577	46844	46284	46455	46653	47041	46732	47184	101.548
	10	46788	46550	46431	46487	46788	46678	46179	47386	46502	46868	47582	46645	101.641
	11	46633	46114	46879	46134	46261	46266	46364	47296	46801	46103	46462	45885	100.972
	12	47151	45960	46281	46332	46662	45979	46512	46491	47393	46304	45894	46417	101.004
	13	46522	46337	46862	46051	46173	47349	46441	46460	46807	46427	47202	46246	101.277
	14	46613	46340	46719	46117	46592	46405	46228	46757	47005	46775	46223	47227	101.299
	15	46413	46187	46488	47061	46477	46293	46553	46073	45848	46162	46894	46070	100.849
	16	46833	46253	46651	46580	46594	46760	46066	46096	46873	46857	46287	46370	101.157
	17	46479	46006	46154	45799	47000	46397	46863	46502	45964	46202	46466	46439	100.804
	18	46790	46818	46359	45940	46393	46582	45918	46204	46150	46018	46703	47248	100.959
	19	46217	46795	46381	46350	46081	45814	46673	45871	46433	46725	46124	46585	100.764
	20	46308	46483	47400	46194	46665	46440	45939	46092	45950	46328	46286	46538	100.868
	21	46607	46371	45754	46265	45915	46533	45966	46051	46070	46224	47117	46683	100.675
	22	46596	46498	46430	46677	46026	46532	46429	46551	46188	46737	46223	46548	101.016
	23	46273	46282	46515	46610	46448	46229	46029	46398	47203	46395	46690	46878	101.109

		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
25	0	46550	46386	46426	46076	46453	46931	46580	46789	46635	46181	46888	46771	101.234	
	1	46161	46834	46152	46066	46937	46833	46288	46922	46371	46297	46339	46754	101.110	
	2	46927	46484	46132	45822	46361	46696	46723	46535	46502	46583	46661	46197	101.049	
	3	47065	46125	47046	46296	46492	46436	46232	46608	46551	46206	46665	46661	101.187	
	4	46148	45740	46475	46543	46522	46021	45879	46117	46590	46786	46605	46356	100.715	
	5	46171	46269	47081	46879	46462	46424	46939	46543	46450	46255	46212	46771	101.200	
	6	46685	46489	46349	46764	46060	46398	46677	46538	46128	46601	46649	46591	101.105	
	7	46542	46275	46678	46294	46351	46192	46914	46170	46871	46771	46509	46886	101.200	
	8	46267	46486	46365	47128	46343	46002	46113	45907	47037	47107	46810	47374	101.288	
	9	46829	46456	46872	46404	46808	46905	46426	46610	46181	45995	46686	46486	101.237	
	10	46552	46743	46510	46175	46426	47025	46908	46237	46270	47088	46551	46176	101.237	
	11	46410	45926	46362	46745	46157	46856	46637	46529	46224	46501	45947	46626	100.922	
	12	45916	46451	46893	46051	47046	46403	46640	46591	46459	46755	47048	46676	101.286	
	13	46185	46929	46722	46224	46248	46873	46853	46140	46570	46779	46311	46231	101.129	
	14	45891	46618	46427	46535	46725	45917	46476	47056	46779	46483	47296	45995	101.154	
	15	45812	46529	46457	47308	46073	46164	46649	46730	46493	46680	46333	47014	101.161	
	16	46788	46226	46564	46932	46511	46559	46888	46721	46086	45823	46805	46117	101.121	
	17	46988	46697	46695	46473	47129	46384	46609	47170	46517	46848	46424	47263	101.697	
	18	46811	47072	46687	46411	46641	46638	47230	46658	46668	46572	46956	46699	101.669	
	19	46469	47142	46671	47667	46939	46878	46592	46586	46067	46927	46527	46530	101.660	
	20	46825	46139	46933	46686	46754	46880	47074	46661	46177	46714	46677	47276	101.624	
	21	46739	46829	45910	46576	47148	46386	47286	46253	47023	46706	46790	46484	101.503	
	22	46836	46787	46607	47141	45882	46888	46575	47047	46468	47065	46525	46511	101.540	
	23	46587	46645	46609	46809	47040	45845	46297	46906	47128	46911	46827	46262	101.456	
26	0	45713	46870	46383	46890	47311	46531	45878	46399	46615	46926	46138	46623	101.164	
	1	46905	46927	46921	46616	46263	46873	46695	47507	46652	46815	46054	46778	101.662	
	2	46092	45927	45402	46571	46605	46530	46360	46387	46690	47008	46359	46550	100.843	
	3	46321	47134	46944	46658	45834	46375	46139	46418	46996	46890	46088	46909	101.246	
	4	46480	46564	46962	46819	46912	46202	46614	46982	46054	46733	46421	46212	101.291	
	5	46319	46554	46376	46781	46234	46647	46594	46384	46854	46701	46355	46315	101.138	
	6	46854	46719	45881	46084	46961	46670	46733	46562	46925	46395	46490	46260	101.214	
	7	46494	46501	46395	47132	46526	46750	46679	46188	47025	46095	46892	46613	101.351	
	8	46829	46172	46588	46215	45520	47347	46483	46646	46345	46256	46395	46403	100.973	
	9	47322	46298	46807	46064	46845	47004	47395	46685	46262	46777	46685	46384	101.576	
	10	46741	46451	46574	46530	47052	46902	46296	46527	47218	46536	46163	46444	101.377	
	11	46511	47114	46407	47147	46654	46960	45952	47089	46711	46614	47066	47020	101.706	
	12	46858	47158	46728	46616	46551	47047	46450	46730	46559	47038	47009	46520	101.709	
	13	46998	46872	47050	47535	46854	46433	47172	46343	46721	46246	46737	46831	101.804	
	14	46490	46469	46832	46400	46272	46309	47220	46958	46467	46966	46436	46698	101.392	
	15	46112	46736	46619	46480	45891	46301	46152	46725	46623	46397	46925	46593	101.036	
	16	46166	46509	46709	46426	46694	46844	46424	46706	47290	46873	47028	46823	101.569	
	17	46799	46784	46477	46804	46535	46309	46901	45904	46633	46831	46245	45930	101.146	
	18	47038	45709	46947	46537	46307	46005	46602	46463	46763	46868	46520	47037	101.261	
	19	46898	46471	47382	46869	47501	47054	46757	46824	46563	46455	47068	46797	101.958	
	20	47023	46508	47107	47157	46728	46523	46865	47187	46814	46288	46522	47136	101.817	
	21	46457	47395	46718	46528	47005	46969	47047	46357	46853	46811	46709	46601	101.743	
	22	46556	46973	47190	46570	46811	47172	46902	46603	46801	46821	46448	47099	101.833	
	23	46412	46389	46667	46843	46437	46554	46957	46245	46358	46667	46845	47024	101.371	

		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007											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	47494	46325	46736	46501	46705	46731	47043	47217	47260	46857	47346	46700	102.004	
	1	47116	46741	46238	46421	46575	46652	47337	46389	46498	47030	47541	46829	101.728	
	2	46587	46368	46134	46441	47238	46429	46206	46215	47013	47174	46431	46381	101.229	
	3	46659	46637	47209	46397	47078	46622	46418	46720	46528	46690	46733	46434	101.503	
	4	46925	46742	47240	46804	46773	46679	46657	47039	47194	46892	46310	46458	101.791	
	5	46653	47275	45864	46798	46151	46337	47025	46710	46920	46582	46717	46814	101.452	
	6	47143	46680	46907	46979	46344	47135	47328	46291	47494	46414	46763	46726	101.880	
	7	46252	46179	46305	46444	45917	46805	46697	47147	46806	46778	46277	45813	101.012	
	8	46837	46001	46549	46418	46480	46699	46605	45870	45995	46764	46418	46520	100.965	
	9	46663	45849	47144	46410	46466	46786	46394	46315	46813	46708	46856	46756	101.328	
	10	46674	46280	46293	46979	46560	46446	46621	47489	46758	47036	46441	45964	101.397	
	11	46357	46313	46768	46957	46578	47282	46649	46739	46465	46488	46422	46529	101.398	
	12	46141	47124	46668	46580	46661	46666	46949	47014	46715	46847	46447	47223	101.668	
	13	47571	46401	46650	46958	46571	46818	46363	46634	45643	46746	46940	46631	101.467	
	14	47394	46042	47058	47279	46635	46466	47153	46703	46931	45933	46274	46829	101.606	
	15	46440	46404	47404	46596	46290	45903	46708	46369	46813	46073	46474	46765	101.161	
	16	46326	46080	46099	46610	46445	46430	47069	46693	46722	47192	47137	45990	101.261	
	17	46441	46293	45835	46560	46707	46673	46319	46854	46623	46646	47074	46523	101.217	
	18	46465	46606	46455	46993	46731	46901	46765	46855	46277	46935	46828	46667	101.566	
	19	46775	46887	46852	46992	46219	45732	46507	46404	46833	46988	46674	46908	101.439	
	20	46895	46612	46366	46481	47049	46544	46200	46380	47263	46482	47129	46363	101.437	
	21	46683	47037	46748	46802	46496	46747	47082	46992	47032	46662	46739	46228	101.706	
	22	46787	46539	46020	47378	46618	46421	46719	46831	47415	46447	46089	47423	101.605	
	23	46761	46696	46302	46145	46786	46324	46511	47045	46823	46606	46719	46808	101.394	
28	0	47079	46749	46627	46562	46326	46170	46721	47234	46654	46230	46715	46377	101.379	
	1	46403	45806	46067	46905	46568	46691	46781	46583	47170	46466	46650	46371	101.201	
	2	45962	47311	46834	46669	47101	46755	46718	46727	47048	46856	47201	47084	101.890	
	3	46820	46519	46529	46789	46524	47538	45964	47375	46306	46913	46826	46430	101.577	
	4	47078	46331	46756	45820	46259	47692	47043	46603	46778	46504	46787	47346	101.660	
	5	46608	46543	46365	46659	47219	46534	46679	46882	46413	47546	46748	46546	101.614	
	6	47215	46094	46758	46673	46879	46551	46346	46749	46558	46873	46568	46968	101.522	
	7	47179	46547	46475	47140	46341	46978	46911	46533	46992	46635	47074	46899	101.789	
	8	46421	46627	46832	46409	46409	46814	47440	46390	46851	47083	46937	46860	101.674	
	9	46774	46852	47496	46446	46323	46627	47318	47331	47406	47232	47506	46572	102.184	
	10	47040	47020	46731	47142	46791	47430	47049	46311	47627	46794	46829	46832	102.132	
	11	46137	46600	46326	46845	46099	47335	47290	46778	46954	46917	46717	46957	101.653	
	12	47013	46859	46692	47116	46632	47030	46937	46482	46763	47365	46791	46656	101.903	
	13	46900	46887	46978	46464	46699	46616	46516	47077	46734	47257	46612	46389	101.684	
	14	46587	47169	46584	46336	46681	47142	46848	47007	46936	46536	46636	46993	101.743	
	15	46779	46962	47008	47579	46650	46530	47285	47013	46574	47033	46982	46316	101.971	
	16	47047	46697	46256	46586	46246	47559	46079	46549	46426	46997	46254	46890	101.405	
	17	46832	46336	46757	47014	46630	46602	47100	47338	46366	47031	46974	46052	101.667	
	18	46523	46071	46208	45960	46727	46032	46620	46795	46239	46674	46505	46672	100.941	
	19	46305	46484	46929	46059	46415	45933	46813	46370	46523	45894	46491	47108	100.996	
	20	47139	46975	47207	46463	46028	46121	46678	46509	47356	46423	46593	46396	101.460	
	21	47143	46667	46823	46796	46592	46616	45849	47026	46946	46635	46465	46803	101.546	
	22	46273	46315	45932	46851	46760	46861	46719	46868	46797	45846	47014	46369	101.227	
	23	46321	46538	47198	46805	46455	46536	46126	46584	46809	46924	47030	46333	101.418	

		S.V.I.R.CO. Observatory - Pressure Corrected Data - April 2007											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	46636	46201	46471	46892	46673	47125	47248	46284	47397	46280	46543	46371	101.491	
	1	46805	46363	46521	46959	46861	46323	46917	46366	46857	46921	46338	47086	101.538	
	2	46679	46521	46482	46267	46485	46652	46623	46439	46416	46644	46237	46296	101.071	
	3	47311	46469	45952	47259	46312	47078	46067	46616	46440	46730	47055	46748	101.487	
	4	46231	46061	46724	46145	47139	46547	46761	46694	45735	46442	46663	46714	101.091	
	5	46521	46553	46658	47737	46613	46674	46340	46664	46456	46515	47026	46680	101.559	
	6	46306	46596	46474	47060	46396	46959	46499	46590	46946	46798	46903	46809	101.541	
	7	47180	46439	47293	46836	46727	46456	46982	46200	46735	46352	47121	46516	101.632	
	8	46793	46612	46866	46810	46846	46901	47042	47122	46449	47032	47074	46804	101.906	
	9	46316	46555	46707	47281	47289	46353	46754	46534	46974	46200	46653	46704	101.538	
	10	46544	46517	46947	46756	47249	46717	46234	46964	47007	47013	46747	46675	101.728	
	11	46984	46641	46681	46135	46871	46215	47745	46530	46704	47067	45823	46413	101.445	
	12	47016	46779	46814	46818	47113	46552	47385	46952	46717	47203	46802	47015	102.054	
	13	47019	46793	47255	46409	47448	46300	47024	46462	47098	46447	46524	47095	101.819	
	14	46595	46836	46526	46791	46355	46658	46561	46798	46376	46303	47125	46963	101.459	
	15	47059	46931	46929	46578	46566	46830	46954	47031	47057	46754	46636	46216	101.759	
	16	46580	46614	46709	47310	46708	46527	46724	46415	47114	47265	46734	46915	101.773	
	17	46693	46705	45958	46904	46891	46758	47273	47374	46790	46243	46901	46853	101.723	
	18	46746	45822	46239	46628	46611	47099	46115	47049	47123	46316	46728	46678	101.327	
	19	46393	46646	46552	45946	46521	47083	46666	46835	46859	46689	46534	46431	101.327	
	20	46748	46133	46202	47074	46432	46499	46354	46697	46437	46807	46905	47660	101.471	
	21	46352	46682	46853	46517	46424	47127	46554	46252	46622	46187	46342	46920	101.268	
	22	47327	47257	46431	46749	46523	46588	46709	47202	46974	46416	46500	46599	101.711	
	23	46521	46710	46360	46736	47223	46829	46359	47287	46110	46901	46584	46723	101.542	
30	0	47148	46728	46732	47260	47013	46831	46576	45908	46582	46967	46832	46741	101.710	
	1	46631	46714	46545	46227	46662	46325	47387	46008	47306	46460	46713	47129	101.500	
	2	46775	46825	46685	46958	46999	47211	46977	46897	46469	46744	46791	46948	101.893	
	3	46745	46084	46689	46679	46199	46745	46474	47261	46726	46467	46833	46674	101.403	
	4	46432	46321	46832	46214	45836	46638	45996	46481	46330	46745	46739	46406	100.931	
	5	46761	47110	46337	46287	45756	46806	46923	46789	46809	45948	46498	46318	101.179	
	6	46734	47492	46876	47010	46731	46683	46680	46179	46898	46797	47061	46463	101.771	
	7	46792	47185	46444	46959	46716	46245	47513	45848	46662	46647	46523	46225	101.437	
	8	46823	47167	46644	46855	46831	46444	46221	47637	46903	46937	47334	46972	101.981	
	9	46907	47029	46347	46401	46692	46576	47531	47165	46871	46598	47073	46794	101.840	
	10	46993	47008	46313	47206	46951	46970	46931	46252	46333	46724	47017	47127	101.810	
	11	47241	46994	46813	46631	47174	46584	46935	46610	47040	46985	46678	46837	101.937	
	12	46978	46928	47018	46778	46430	46897	47201	46377	46503	46343	46620	46662	101.613	
	13	46315	47245	46625	46962	46496	47342	46821	46625	46488	46527	46787	46369	101.589	
	14	46478	46573	46390	46216	46246	47233	47111	46381	47525	46764	46268	46740	101.466	
	15	47082	46288	46454	46437	46609	46461	46841	46691	46821	46952	46388	46957	101.477	
	16	46519	46685	46857	46463	46332	46594	46645	46867	47077	46341	46624	46239	101.343	
	17	47441	46957	46741	46551	46690	46788	46408	46983	47015	47005	47182	46333	101.859	
	18	47088	46518	46657	47210	46690	46950	46647	46705	46549	46874	46585	46841	101.718	
	19	46069	46698	46633	46688	46554	46890	46263	47291	46705	47217	45963	46578	101.398	
	20	46593	47301	46866	46555	46598	47152	46406	47167	46542	46746	46328	46814	101.673	
	21	46562	46935	46871	47112	46649	46654	46590	46325	46951	46050	46607	46638	101.470	
	22	46428	47342	46510	46872	46573	46278	46203	46299	46767	46813	46301	46185	101.221	
	23	46492	46903	46328	46944	46459	46827	46930	46397	46567	46930	47120	46281	101.512	

S.V.I.R.CO. Observatory - Pressure in hectoPascal - April 2007

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	1019.83	1019.84	1019.86	1019.86	1019.82	1019.79	1019.81	1019.82	1019.82	1019.85	1019.86	1019.83	1019.83
	1	1019.79	1019.79	1019.83	1019.88	1019.91	1019.92	1019.92	1019.92	1019.93	1019.97	1020.01	1020.05	1019.91
	2	1020.08	1020.10	1020.13	1020.11	1020.08	1020.10	1020.15	1020.23	1020.31	1020.33	1020.27	1020.22	1020.17
	3	1020.22	1020.22	1020.19	1020.21	1020.28	1020.31	1020.29	1020.26	1020.24	1020.25	1020.26	1020.26	1020.25
	4	1020.30	1020.30	1020.26	1020.26	1020.29	1020.29	1020.30	1020.31	1020.34	1020.41	1020.47	1020.54	1020.34
	5	1020.63	1020.70	1020.79	1020.87	1020.91	1020.95	1021.00	1021.04	1021.05	1021.08	1021.14	1021.17	1020.94
	6	1021.22	1021.30	1021.37	1021.44	1021.49	1021.52	1021.57	1021.61	1021.63	1021.65	1021.67	1021.67	1021.51
	7	1021.66	1021.69	1021.79	1021.85	1021.87	1021.91	1021.97	1022.04	1022.05	1022.05	1022.10	1022.16	1021.93
	8	1022.20	1022.25	1022.32	1022.40	1022.47	1022.51	1022.55	1022.60	1022.67	1022.72	1022.74	1022.75	1022.51
	9	1022.78	1022.82	1022.86	1022.87	1022.88	1022.90	1022.89	1022.91	1022.93	1022.92	1022.89	1022.86	1022.87
	10	1022.84	1022.79	1022.73	1022.69	1022.64	1022.62	1022.64	1022.64	1022.62	1022.59	1022.55	1022.55	1022.66
	11	1022.54	1022.53	1022.56	1022.58	1022.56	1022.53	1022.52	1022.53	1022.56	1022.60	1022.63	1022.65	1022.56
	12	1022.67	1022.69	1022.74	1022.77	1022.76	1022.75	1022.76	1022.78	1022.77	1022.73	1022.71	1022.72	1022.74
	13	1022.70	1022.67	1022.65	1022.65	1022.63	1022.58	1022.52	1022.48	1022.45	1022.43	1022.42	1022.42	1022.55
	14	1022.41	1022.39	1022.38	1022.36	1022.34	1022.34	1022.33	1022.32	1022.33	1022.34	1022.31	1022.28	1022.34
	15	1022.29	1022.27	1022.24	1022.23	1022.22	1022.18	1022.16	1022.15	1022.17	1022.21	1022.24	1022.24	1022.21
	16	1022.24	1022.25	1022.28	1022.34	1022.39	1022.40	1022.42	1022.47	1022.51	1022.54	1022.54	1022.50	1022.40
	17	1022.50	1022.52	1022.54	1022.57	1022.60	1022.68	1022.79	1022.85	1022.91	1022.96	1022.97	1023.02	1022.74
	18	1023.10	1023.15	1023.20	1023.24	1023.23	1023.24	1023.25	1023.24	1023.25	1023.28	1023.30	1023.34	1023.23
	19	1023.41	1023.44	1023.48	1023.55	1023.62	1023.67	1023.71	1023.75	1023.80	1023.84	1023.86	1023.82	1023.66
	20	1023.82	1023.82	1023.79	1023.77	1023.76	1023.75	1023.73	1023.71	1023.68	1023.67	1023.65	1023.63	1023.73
	21	1023.65	1023.66	1023.67	1023.69	1023.70	1023.68	1023.66	1023.67	1023.68	1023.66	1023.62	1023.59	1023.66
	22	1023.58	1023.59	1023.64	1023.68	1023.70	1023.74	1023.79	1023.84	1023.87	1023.88	1023.88	1023.87	1023.75
	23	1023.87	1023.88	1023.87	1023.86	1023.83	1023.80	1023.82	1023.83	1023.82	1023.77	1023.68	1023.63	1023.80
2	0	1023.57	1023.56	1023.53	1023.50	1023.48	1023.47	1023.41	1023.37	1023.35	1023.36	1023.37	1023.37	1023.44
	1	1023.35	1023.31	1023.25	1023.22	1023.17	1023.10	1023.07	1023.09	1023.12	1023.13	1023.14	1023.13	1023.17
	2	1023.11	1023.11	1023.09	1023.03	1023.00	1022.98	1022.98	1022.99	1022.99	1022.99	1022.98	1022.96	1023.02
	3	1022.94	1022.98	1023.02	1022.99	1022.95	1022.94	1022.93	1022.93	1022.93	1022.91	1022.88	1022.87	1022.94
	4	1022.86	1022.84	1022.82	1022.79	1022.79	1022.80	1022.84	1022.89	1022.92	1022.94	1022.95	1022.93	1022.86
	5	1022.90	1022.88	1022.85	1022.83	1022.83	1022.86	1022.89	1022.86	1022.82	1022.83	1022.87	1022.90	1022.86
	6	1022.87	1022.83	1022.82	1022.80	1022.80	1022.82	1022.84	1022.84	1022.82	1022.79	1022.76	1022.70	1022.81
	7	1022.64	1022.62	1022.61	1022.59	1022.56	1022.54	1022.51	1022.49	1022.46	1022.43	1022.40	1022.37	1022.52
	8	1022.38	1022.41	1022.42	1022.42	1022.45	1022.46	1022.46	1022.43	1022.39	1022.38	1022.37	1022.34	1022.41
	9	1022.29	1022.26	1022.23	1022.19	1022.15	1022.09	1021.99	1021.91	1021.85	1021.77	1021.69	1021.60	1022.00
	10	1021.51	1021.41	1021.32	1021.23	1021.17	1021.11	1021.03	1020.98	1020.96	1020.89	1020.82	1020.75	1021.10
	11	1020.66	1020.57	1020.49	1020.42	1020.33	1020.24	1020.19	1020.14	1020.05	1019.97	1019.91	1019.84	1020.23
	12	1019.77	1019.71	1019.65	1019.62	1019.61	1019.58	1019.58	1019.60	1019.56	1019.52	1019.47	1019.41	1019.59
	13	1019.38	1019.38	1019.33	1019.26	1019.19	1019.11	1019.05	1019.02	1019.00	1018.95	1018.90	1018.89	1019.12
	14	1018.87	1018.84	1018.81	1018.77	1018.72	1018.67	1018.62	1018.57	1018.52	1018.49	1018.42	1018.34	1018.64
	15	1018.27	1018.20	1018.15	1018.13	1018.13	1018.10	1018.05	1018.03	1018.01	1017.98	1017.99	1018.01	1018.09
	16	1018.02	1018.02	1018.04	1018.06	1018.08	1018.07	1018.06	1018.06	1018.05	1018.04	1018.04	1018.03	1018.05
	17	1018.00	1018.01	1018.04	1018.05	1018.05	1018.09	1018.13	1018.15	1018.17	1018.19	1018.22	1018.24	1018.11
	18	1018.25	1018.25	1018.26	1018.28	1018.27	1018.28	1018.31	1018.37	1018.40	1018.42	1018.44	1018.44	1018.33
	19	1018.44	1018.43	1018.42	1018.42	1018.45	1018.45	1018.44	1018.42	1018.37	1018.33	1018.31	1018.30	1018.40
	20	1018.30	1018.30	1018.30	1018.31	1018.31	1018.28	1018.23	1018.18	1018.16	1018.13	1018.07	1018.02	1018.22
	21	1017.97	1017.92	1017.86	1017.81	1017.78	1017.74	1017.68	1017.63	1017.58	1017.52	1017.50	1017.46	1017.70
	22	1017.39	1017.31	1017.25	1017.19	1017.15	1017.11	1017.04	1016.97	1016.91	1016.86	1016.78	1016.68	1017.05
	23	1016.56	1016.45	1016.36	1016.27	1016.20	1016.14	1016.09	1016.01	1015.92	1015.84	1015.78	1015.74	1016.11

S.V.I.R.CO. Observatory - Pressure in hectoPascal - April 2007

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	1015.70	1015.64	1015.55	1015.49	1015.41	1015.34	1015.30	1015.25	1015.16	1015.08	1015.05	1015.02	1015.31
	1	1014.96	1014.89	1014.83	1014.78	1014.72	1014.66	1014.61	1014.55	1014.50	1014.43	1014.36	1014.32	1014.63
	2	1014.27	1014.24	1014.20	1014.12	1014.06	1014.04	1014.01	1013.97	1013.96	1013.93	1013.90	1013.86	1014.04
	3	1013.81	1013.74	1013.66	1013.56	1013.46	1013.42	1013.39	1013.39	1013.38	1013.36	1013.32	1013.27	1013.48
	4	1013.24	1013.21	1013.19	1013.15	1013.09	1013.02	1012.95	1012.88	1012.82	1012.80	1012.76	1012.72	1012.98
	5	1012.72	1012.73	1012.73	1012.72	1012.70	1012.62	1012.52	1012.44	1012.40	1012.35	1012.31	1012.25	1012.54
	6	1012.17	1012.13	1012.11	1012.08	1012.03	1012.00	1011.98	1011.94	1011.88	1011.86	1011.87	1011.87	1011.99
	7	1011.87	1011.90	1011.97	1012.01	1011.99	1011.95	1011.93	1011.91	1011.91	1011.92	1011.91	1011.87	1011.93
	8	1011.83	1011.80	1011.76	1011.72	1011.69	1011.66	1011.64	1011.61	1011.59	1011.54	1011.46	1011.40	1011.64
	9	1011.33	1011.29	1011.24	1011.20	1011.19	1011.17	1011.12	1011.05	1011.00	1010.94	1010.84	1010.73	1011.09
	10	1010.66	1010.62	1010.58	1010.54	1010.46	1010.37	1010.28	1010.19	1010.10	1010.01	1009.94	1009.88	1010.30
	11	1009.85	1009.80	1009.74	1009.67	1009.59	1009.49	1009.41	1009.35	1009.30	1009.25	1009.22	1009.16	1009.48
	12	1009.08	1009.01	1008.89	1008.82	1008.80	1008.73	1008.63	1008.53	1008.46	1008.41	1008.31	1008.21	1008.65
	13	1008.12	1008.01	1007.88	1007.77	1007.67	1007.57	1007.48	1007.37	1007.26	1007.18	1007.10	1007.00	1007.53
	14	1006.90	1006.81	1006.70	1006.59	1006.49	1006.39	1006.32	1006.26	1006.21	1006.15	1006.07	1006.01	1006.41
	15	1005.97	1005.94	1005.87	1005.78	1005.70	1005.63	1005.54	1005.45	1005.39	1005.34	1005.28	1005.18	1005.59
	16	1005.09	1005.08	1005.06	1005.01	1004.93	1004.85	1004.82	1004.76	1004.65	1004.58	1004.50	1004.42	1004.81
	17	1004.40	1004.34	1004.33	1004.30	1004.16	1004.06	1003.97	1003.91	1003.92	1003.96	1004.00	1003.93	1004.10
	18	1003.86	1003.79	1003.71	1003.74	1003.84	1003.88	1003.83	1003.84	1003.84	1003.81	1003.79	1003.82	1003.81
	19	1003.87	1003.86	1003.83	1003.87	1003.94	1003.97	1003.91	1003.82	1003.77	1003.72	1003.66	1003.53	1003.81
	20	1003.40	1003.27	1003.16	1003.06	1002.95	1002.83	1002.72	1002.60	1002.51	1002.42	1002.29	1002.13	1002.78
	21	1001.97	1001.87	1001.82	1001.76	1001.70	1001.60	1001.48	1001.38	1001.31	1001.21	1001.09	1000.96	1001.51
	22	1000.87	1000.76	1000.61	1000.46	1000.31	1000.20	1000.12	1000.03	999.90	999.77	999.58	999.41	1000.17
	23	999.30	999.20	999.04	998.90	998.85	998.80	998.72	998.65	998.61	998.57	998.51	998.47	998.80
4	0	998.45	998.43	998.36	998.27	998.17	998.11	998.07	997.97	997.87	997.84	997.82	997.78	998.08
	1	997.77	997.75	997.73	997.70	997.64	997.54	997.46	997.43	997.40	997.36	997.33	997.21	997.52
	2	996.99	996.90	996.97	997.00	996.96	996.89	996.83	996.78	996.72	996.70	996.70	996.68	996.84
	3	996.68	996.64	996.57	996.55	996.59	996.63	996.63	996.58	996.52	996.51	996.52	996.53	996.58
	4	996.51	996.47	996.46	996.47	996.46	996.41	996.37	996.35	996.32	996.29	996.29	996.29	996.39
	5	996.27	996.25	996.26	996.29	996.30	996.31	996.29	996.27	996.24	996.21	996.23	996.24	996.26
	6	996.26	996.28	996.33	996.40	996.47	996.51	996.54	996.56	996.58	996.62	996.67	996.71	996.49
	7	996.73	996.73	996.77	996.81	996.85	996.88	996.90	996.91	996.93	996.98	997.05	997.11	996.89
	8	997.15	997.18	997.21	997.21	997.23	997.29	997.33	997.37	997.42	997.45	997.46	997.50	997.32
	9	997.56	997.58	997.56	997.55	997.55	997.55	997.55	997.57	997.58	997.58	997.60	997.62	997.57
	10	997.62	997.62	997.61	997.61	997.59	997.57	997.58	997.59	997.57	997.52	997.49	997.49	997.57
	11	997.52	997.52	997.53	997.51	997.46	997.44	997.44	997.46	997.50	997.56	997.59	997.60	997.51
	12	997.62	997.65	997.66	997.65	997.66	997.69	997.72	997.72	997.73	997.73	997.75	997.78	997.69
	13	997.80	997.82	997.83	997.86	997.87	997.89	997.91	997.95	997.98	998.01	998.03	998.05	997.91
	14	998.10	998.16	998.22	998.27	998.32	998.37	998.43	998.48	998.51	998.56	998.60	998.62	998.38
	15	998.67	998.73	998.78	998.81	998.84	998.89	998.93	998.96	999.00	999.06	999.13	999.20	998.91
	16	999.24	999.30	999.37	999.43	999.46	999.51	999.57	999.63	999.70	999.74	999.78	999.84	999.55
	17	999.90	999.96	1000.02	1000.06	1000.09	1000.14	1000.19	1000.22	1000.26	1000.32	1000.37	1000.43	1000.16
	18	1000.52	1000.63	1000.73	1000.81	1000.89	1000.98	1001.08	1001.17	1001.26	1001.35	1001.42	1001.48	1001.03
	19	1001.54	1001.60	1001.69	1001.76	1001.83	1001.88	1001.94	1001.99	1002.04	1002.11	1002.18	1002.29	1001.90
	20	1002.41	1002.52	1002.62	1002.68	1002.71	1002.77	1002.85	1002.91	1002.96	1003.01	1003.07	1003.18	1002.80
	21	1003.29	1003.38	1003.47	1003.57	1003.64	1003.68	1003.74	1003.81	1003.89	1003.98	1004.03	1004.05	1003.71
	22	1004.08	1004.10	1004.16	1004.23	1004.26	1004.27	1004.25	1004.28	1004.39	1004.48	1004.56	1004.63	1004.30
	23	1004.71	1004.77	1004.82	1004.87	1004.90	1004.90	1004.91	1004.95	1004.99	1004.99	1004.99	1004.98	1004.90

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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	1004.97	1004.96	1004.98	1004.99	1004.95	1004.91	1004.91	1004.94	1005.00	1005.04	1005.05	1005.05	1004.98
	1	1005.05	1005.07	1005.10	1005.13	1005.18	1005.22	1005.25	1005.31	1005.38	1005.39	1005.37	1005.34	1005.23
	2	1005.29	1005.28	1005.31	1005.32	1005.30	1005.29	1005.32	1005.34	1005.32	1005.28	1005.32	1005.38	1005.31
	3	1005.38	1005.39	1005.44	1005.43	1005.40	1005.40	1005.39	1005.39	1005.45	1005.52	1005.59	1005.69	1005.45
	4	1005.74	1005.73	1005.73	1005.74	1005.72	1005.71	1005.79	1005.90	1006.01	1006.11	1006.20	1006.27	1005.89
	5	1006.30	1006.30	1006.33	1006.38	1006.42	1006.45	1006.47	1006.50	1006.54	1006.57	1006.61	1006.62	1006.46
	6	1006.66	1006.69	1006.76	1006.89	1006.96	1006.98	1006.97	1007.01	1007.05	1007.05	1007.11	1007.17	1006.94
	7	1007.20	1007.26	1007.36	1007.46	1007.54	1007.58	1007.61	1007.68	1007.75	1007.77	1007.77	1007.80	1007.56
	8	1007.88	1007.95	1007.98	1008.04	1008.10	1008.14	1008.20	1008.23	1008.27	1008.32	1008.33	1008.34	1008.15
	9	1008.36	1008.36	1008.36	1008.37	1008.37	1008.39	1008.42	1008.43	1008.46	1008.47	1008.49	1008.51	1008.41
	10	1008.50	1008.49	1008.52	1008.55	1008.54	1008.49	1008.45	1008.42	1008.43	1008.45	1008.44	1008.45	1008.48
	11	1008.42	1008.40	1008.44	1008.45	1008.45	1008.47	1008.47	1008.45	1008.41	1008.40	1008.38	1008.40	1008.43
	12	1008.41	1008.39	1008.37	1008.37	1008.39	1008.43	1008.41	1008.36	1008.39	1008.43	1008.47	1008.52	1008.41
	13	1008.57	1008.61	1008.66	1008.68	1008.67	1008.72	1008.80	1008.93	1009.08	1009.18	1009.17	1009.11	1008.85
	14	1009.13	1009.14	1009.13	1009.18	1009.23	1009.26	1009.30	1009.34	1009.38	1009.40	1009.39	1009.37	1009.27
	15	1009.39	1009.43	1009.47	1009.53	1009.59	1009.61	1009.60	1009.62	1009.67	1009.74	1009.78	1009.78	1009.60
	16	1009.81	1009.91	1010.04	1010.15	1010.22	1010.25	1010.25	1010.22	1010.14	1010.11	1010.13	1010.17	1010.11
	17	1010.23	1010.27	1010.25	1010.30	1010.39	1010.43	1010.49	1010.54	1010.54	1010.56	1010.62	1010.71	1010.44
	18	1010.83	1010.92	1011.01	1011.11	1011.19	1011.26	1011.28	1011.29	1011.33	1011.39	1011.46	1011.53	1011.21
	19	1011.62	1011.68	1011.76	1011.86	1011.94	1011.98	1012.04	1012.12	1012.19	1012.27	1012.36	1012.44	1012.02
	20	1012.53	1012.60	1012.65	1012.69	1012.74	1012.80	1012.87	1012.96	1013.05	1013.10	1013.13	1013.15	1012.85
	21	1013.19	1013.23	1013.26	1013.30	1013.35	1013.41	1013.48	1013.52	1013.55	1013.59	1013.62	1013.64	1013.43
	22	1013.65	1013.66	1013.69	1013.71	1013.74	1013.80	1013.85	1013.91	1013.96	1013.99	1014.04	1014.09	1013.84
	23	1014.15	1014.20	1014.22	1014.24	1014.28	1014.32	1014.36	1014.40	1014.44	1014.44	1014.44	1014.45	1014.33
6	0	1014.51	1014.51	1014.51	1014.50	1014.49	1014.50	1014.50	1014.49	1014.49	1014.50	1014.52	1014.57	1014.50
	1	1014.62	1014.64	1014.67	1014.67	1014.68	1014.69	1014.69	1014.69	1014.68	1014.65	1014.61	1014.58	1014.65
	2	1014.58	1014.58	1014.57	1014.57	1014.60	1014.63	1014.65	1014.66	1014.69	1014.70	1014.67	1014.67	1014.63
	3	1014.68	1014.67	1014.67	1014.67	1014.66	1014.66	1014.68	1014.73	1014.77	1014.79	1014.80	1014.83	1014.72
	4	1014.84	1014.85	1014.88	1014.89	1014.91	1014.96	1015.00	1015.03	1015.06	1015.11	1015.19	1015.27	1015.00
	5	1015.31	1015.36	1015.43	1015.49	1015.55	1015.62	1015.70	1015.74	1015.80	1015.87	1015.91	1015.94	1015.64
	6	1015.97	1015.99	1016.04	1016.10	1016.15	1016.17	1016.18	1016.20	1016.21	1016.23	1016.24	1016.25	1016.14
	7	1016.26	1016.26	1016.25	1016.27	1016.31	1016.36	1016.42	1016.46	1016.50	1016.55	1016.60	1016.64	1016.40
	8	1016.69	1016.73	1016.76	1016.77	1016.80	1016.84	1016.86	1016.89	1016.92	1016.92	1016.92	1016.91	1016.83
	9	1016.91	1016.92	1016.94	1016.96	1016.97	1016.96	1016.93	1016.92	1016.91	1016.88	1016.87	1016.85	1016.92
	10	1016.83	1016.80	1016.76	1016.75	1016.74	1016.73	1016.74	1016.75	1016.73	1016.69	1016.67	1016.67	1016.74
	11	1016.68	1016.68	1016.64	1016.60	1016.57	1016.53	1016.50	1016.50	1016.49	1016.48	1016.48	1016.49	1016.55
	12	1016.51	1016.51	1016.49	1016.49	1016.50	1016.50	1016.50	1016.48	1016.45	1016.41	1016.41	1016.42	1016.47
	13	1016.38	1016.34	1016.31	1016.29	1016.27	1016.26	1016.25	1016.26	1016.26	1016.23	1016.23	1016.18	1016.27
	14	1016.15	1016.19	1016.24	1016.24	1016.23	1016.21	1016.21	1016.23	1016.24	1016.25	1016.28	1016.25	1016.22
	15	1016.26	1016.31	1016.32	1016.32	1016.33	1016.34	1016.38	1016.39	1016.39	1016.39	1016.37	1016.35	1016.34
	16	1016.35	1016.38	1016.40	1016.42	1016.45	1016.46	1016.47	1016.50	1016.54	1016.57	1016.60	1016.59	1016.47
	17	1016.56	1016.58	1016.64	1016.66	1016.67	1016.68	1016.71	1016.75	1016.79	1016.82	1016.88	1016.97	1016.72
	18	1017.07	1017.15	1017.22	1017.29	1017.34	1017.39	1017.43	1017.48	1017.55	1017.58	1017.62	1017.69	1017.40
	19	1017.74	1017.76	1017.78	1017.81	1017.84	1017.85	1017.88	1017.94	1017.98	1018.02	1018.06	1018.12	1017.90
	20	1018.18	1018.22	1018.26	1018.30	1018.33	1018.33	1018.34	1018.35	1018.36	1018.38	1018.43	1018.45	1018.32
	21	1018.44	1018.45	1018.45	1018.48	1018.52	1018.54	1018.53	1018.55	1018.61	1018.65	1018.64	1018.64	1018.54
	22	1018.65	1018.66	1018.65	1018.65	1018.64	1018.63	1018.63	1018.61	1018.60	1018.60	1018.61	1018.60	1018.63
	23	1018.60	1018.62	1018.62	1018.61	1018.61	1018.63	1018.63	1018.61	1018.59	1018.56	1018.52	1018.52	1018.59

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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	1018.54	1018.53	1018.52	1018.51	1018.48	1018.46	1018.45	1018.42	1018.38	1018.34	1018.29	1018.24	1018.42
	1	1018.23	1018.20	1018.16	1018.15	1018.14	1018.13	1018.13	1018.12	1018.15	1018.19	1018.22	1018.23	1018.17
	2	1018.23	1018.22	1018.22	1018.25	1018.28	1018.27	1018.25	1018.22	1018.21	1018.23	1018.23	1018.20	1018.23
	3	1018.18	1018.19	1018.21	1018.24	1018.25	1018.23	1018.24	1018.27	1018.31	1018.33	1018.34	1018.35	1018.26
	4	1018.37	1018.38	1018.40	1018.41	1018.46	1018.50	1018.52	1018.54	1018.59	1018.65	1018.70	1018.75	1018.52
	5	1018.81	1018.86	1018.90	1018.95	1019.00	1019.04	1019.06	1019.09	1019.14	1019.17	1019.20	1019.21	1019.03
	6	1019.23	1019.25	1019.27	1019.28	1019.28	1019.30	1019.33	1019.36	1019.38	1019.38	1019.37	1019.37	1019.31
	7	1019.41	1019.44	1019.43	1019.39	1019.38	1019.40	1019.41	1019.43	1019.44	1019.45	1019.47	1019.48	1019.42
	8	1019.47	1019.48	1019.51	1019.53	1019.55	1019.56	1019.55	1019.54	1019.54	1019.56	1019.57	1019.56	1019.53
	9	1019.54	1019.52	1019.50	1019.48	1019.46	1019.45	1019.43	1019.41	1019.38	1019.36	1019.34	1019.31	1019.43
	10	1019.28	1019.25	1019.22	1019.19	1019.14	1019.07	1019.00	1018.96	1018.93	1018.87	1018.83	1018.82	1019.04
	11	1018.80	1018.77	1018.76	1018.76	1018.74	1018.69	1018.68	1018.67	1018.65	1018.62	1018.60	1018.57	1018.69
	12	1018.54	1018.51	1018.49	1018.46	1018.44	1018.44	1018.42	1018.40	1018.37	1018.33	1018.30	1018.24	1018.41
	13	1018.19	1018.16	1018.15	1018.10	1018.06	1018.01	1017.98	1017.95	1017.96	1017.97	1017.93	1017.92	1018.03
	14	1017.90	1017.87	1017.85	1017.84	1017.82	1017.80	1017.77	1017.72	1017.67	1017.64	1017.58	1017.53	1017.75
	15	1017.54	1017.55	1017.59	1017.61	1017.57	1017.54	1017.54	1017.56	1017.56	1017.55	1017.56	1017.61	1017.56
	16	1017.63	1017.64	1017.65	1017.62	1017.59	1017.59	1017.60	1017.64	1017.68	1017.71	1017.73	1017.77	1017.65
	17	1017.80	1017.83	1017.85	1017.87	1017.90	1017.97	1018.05	1018.12	1018.15	1018.15	1018.14	1018.12	1017.99
	18	1018.12	1018.12	1018.13	1018.17	1018.20	1018.22	1018.26	1018.31	1018.37	1018.43	1018.48	1018.52	1018.28
	19	1018.60	1018.70	1018.80	1018.89	1018.93	1018.94	1018.97	1018.99	1019.00	1019.01	1019.02	1019.02	1018.90
	20	1019.04	1019.00	1018.96	1018.96	1018.95	1018.95	1018.93	1018.92	1018.91	1018.88	1018.86	1018.84	1018.93
	21	1018.81	1018.82	1018.83	1018.82	1018.80	1018.80	1018.79	1018.77	1018.73	1018.70	1018.73	1018.79	1018.78
	22	1018.84	1018.88	1018.89	1018.89	1018.90	1018.89	1018.87	1018.84	1018.82	1018.84	1018.87	1018.88	1018.86
	23	1018.89	1018.89	1018.87	1018.85	1018.83	1018.77	1018.70	1018.66	1018.61	1018.55	1018.54	1018.52	1018.72
8	0	1018.45	1018.44	1018.40	1018.35	1018.29	1018.26	1018.23	1018.19	1018.14	1018.10	1018.06	1018.02	1018.23
	1	1017.99	1017.96	1017.93	1017.89	1017.87	1017.88	1017.87	1017.85	1017.84	1017.81	1017.77	1017.72	1017.86
	2	1017.69	1017.66	1017.66	1017.68	1017.65	1017.58	1017.56	1017.57	1017.61	1017.64	1017.64	1017.65	1017.63
	3	1017.66	1017.63	1017.61	1017.59	1017.55	1017.55	1017.56	1017.53	1017.48	1017.46	1017.46	1017.46	1017.54
	4	1017.45	1017.49	1017.56	1017.60	1017.61	1017.63	1017.65	1017.70	1017.77	1017.82	1017.85	1017.85	1017.66
	5	1017.87	1017.87	1017.86	1017.95	1018.04	1018.06	1018.04	1018.05	1018.04	1018.02	1018.04	1018.08	1017.99
	6	1018.08	1018.06	1018.09	1018.17	1018.22	1018.22	1018.27	1018.32	1018.29	1018.25	1018.22	1018.20	1018.20
	7	1018.23	1018.29	1018.33	1018.32	1018.32	1018.33	1018.35	1018.40	1018.46	1018.52	1018.56	1018.60	1018.39
	8	1018.65	1018.70	1018.72	1018.76	1018.80	1018.81	1018.81	1018.83	1018.87	1018.93	1018.96	1018.94	1018.81
	9	1018.92	1018.91	1018.89	1018.86	1018.82	1018.82	1018.81	1018.75	1018.71	1018.68	1018.63	1018.61	1018.78
	10	1018.59	1018.55	1018.53	1018.50	1018.47	1018.45	1018.43	1018.41	1018.36	1018.31	1018.29	1018.27	1018.43
	11	1018.26	1018.23	1018.23	1018.24	1018.22	1018.19	1018.15	1018.11	1018.07	1018.06	1018.08	1018.08	1018.16
	12	1018.07	1018.03	1017.98	1017.97	1017.99	1017.96	1017.96	1017.95	1017.91	1017.90	1017.90	1017.91	1017.96
	13	1017.89	1017.87	1017.82	1017.76	1017.70	1017.63	1017.57	1017.52	1017.47	1017.40	1017.36	1017.34	1017.61
	14	1017.31	1017.28	1017.23	1017.16	1017.12	1017.10	1017.08	1017.10	1017.13	1017.15	1017.15	1017.15	1017.16
	15	1017.17	1017.21	1017.23	1017.27	1017.33	1017.36	1017.39	1017.44	1017.54	1017.66	1017.71	1017.77	1017.42
	16	1017.83	1017.88	1017.94	1018.03	1018.08	1018.04	1018.02	1018.02	1018.02	1018.00	1017.97	1017.95	1017.98
	17	1017.97	1018.01	1018.05	1018.09	1018.12	1018.13	1018.10	1018.08	1018.08	1018.14	1018.22	1018.29	1018.10
	18	1018.38	1018.54	1018.60	1018.60	1018.63	1018.61	1018.64	1018.68	1018.71	1018.72	1018.70	1018.66	1018.62
	19	1018.60	1018.55	1018.55	1018.64	1018.73	1018.80	1018.85	1018.85	1018.88	1018.90	1018.93	1018.94	1018.77
	20	1018.92	1018.91	1018.92	1018.94	1019.02	1019.10	1019.10	1019.12	1019.16	1019.19	1019.21	1019.20	1019.06
	21	1019.21	1019.24	1019.27	1019.27	1019.29	1019.30	1019.26	1019.24	1019.23	1019.22	1019.22	1019.24	1019.25
	22	1019.22	1019.20	1019.24	1019.28	1019.29	1019.30	1019.31	1019.34	1019.39	1019.39	1019.36	1019.36	1019.31
	23	1019.37	1019.38	1019.37	1019.36	1019.41	1019.45	1019.44	1019.40	1019.39	1019.44	1019.49	1019.50	1019.41

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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	1019.46	1019.44	1019.41	1019.42	1019.42	1019.39	1019.31	1019.23	1019.19	1019.17	1019.17	1019.16	1019.31
	1	1019.13	1019.12	1019.11	1019.09	1019.09	1019.08	1019.06	1019.08	1019.10	1019.09	1019.07	1019.04	1019.08
	2	1019.00	1018.99	1019.00	1019.03	1019.06	1019.11	1019.16	1019.19	1019.18	1019.12	1019.09	1019.08	1019.08
	3	1019.07	1019.04	1019.02	1019.05	1019.08	1019.09	1019.10	1019.09	1019.09	1019.08	1019.06	1019.06	1019.07
	4	1019.09	1019.09	1019.06	1019.03	1019.01	1019.02	1019.04	1019.06	1019.06	1019.06	1019.07	1019.06	1019.05
	5	1019.06	1019.10	1019.14	1019.19	1019.24	1019.27	1019.28	1019.29	1019.28	1019.27	1019.26	1019.27	1019.22
	6	1019.29	1019.32	1019.34	1019.36	1019.40	1019.44	1019.45	1019.44	1019.42	1019.41	1019.41	1019.42	1019.39
	7	1019.42	1019.39	1019.39	1019.41	1019.42	1019.41	1019.41	1019.42	1019.43	1019.47	1019.52	1019.57	1019.44
	8	1019.59	1019.60	1019.58	1019.57	1019.61	1019.68	1019.74	1019.79	1019.82	1019.81	1019.82	1019.81	1019.70
	9	1019.81	1019.82	1019.82	1019.82	1019.84	1019.82	1019.77	1019.70	1019.64	1019.56	1019.49	1019.48	1019.71
	10	1019.48	1019.45	1019.43	1019.42	1019.39	1019.34	1019.29	1019.25	1019.20	1019.17	1019.16	1019.14	1019.31
	11	1019.09	1019.05	1019.00	1018.98	1019.00	1019.01	1019.00	1018.94	1018.87	1018.86	1018.87	1018.87	1018.96
	12	1018.88	1018.89	1018.92	1018.95	1018.97	1018.95	1018.90	1018.88	1018.85	1018.81	1018.80	1018.76	1018.88
	13	1018.70	1018.66	1018.63	1018.61	1018.62	1018.62	1018.66	1018.67	1018.66	1018.64	1018.59	1018.57	1018.63
	14	1018.58	1018.54	1018.46	1018.42	1018.40	1018.39	1018.37	1018.34	1018.32	1018.31	1018.27	1018.21	1018.38
	15	1018.17	1018.16	1018.14	1018.16	1018.22	1018.19	1018.12	1018.08	1018.06	1018.04	1018.06	1018.06	1018.12
	16	1018.01	1017.96	1017.91	1017.87	1017.89	1017.91	1017.88	1017.88	1017.90	1017.93	1017.97	1018.00	1017.92
	17	1017.98	1017.99	1018.03	1018.04	1018.04	1018.05	1018.05	1018.05	1018.04	1017.99	1017.98	1018.00	1018.02
	18	1018.05	1018.09	1018.10	1018.11	1018.15	1018.18	1018.19	1018.24	1018.32	1018.39	1018.46	1018.52	1018.23
	19	1018.57	1018.61	1018.61	1018.62	1018.67	1018.73	1018.76	1018.77	1018.77	1018.77	1018.78	1018.78	1018.70
	20	1018.78	1018.78	1018.78	1018.80	1018.84	1018.88	1018.92	1019.01	1019.06	1019.03	1019.01	1019.04	1018.91
	21	1019.08	1019.10	1019.07	1019.08	1019.08	1019.09	1019.16	1019.21	1019.21	1019.20	1019.20	1019.20	1019.14
	22	1019.21	1019.23	1019.24	1019.24	1019.23	1019.23	1019.23	1019.21	1019.18	1019.16	1019.15	1019.11	1019.20
	23	1019.12	1019.13	1019.11	1019.09	1019.08	1019.09	1019.07	1019.03	1019.02	1019.02	1019.00	1018.96	1019.06
10	0	1018.89	1018.91	1018.95	1018.94	1018.88	1018.83	1018.79	1018.71	1018.64	1018.62	1018.65	1018.67	1018.78
	1	1018.65	1018.63	1018.62	1018.61	1018.61	1018.61	1018.62	1018.64	1018.65	1018.70	1018.74	1018.76	1018.65
	2	1018.80	1018.85	1018.87	1018.90	1018.97	1019.05	1019.09	1019.10	1019.11	1019.13	1019.16	1019.20	1019.02
	3	1019.24	1019.22	1019.20	1019.20	1019.18	1019.14	1019.14	1019.16	1019.19	1019.23	1019.29	1019.36	1019.21
	4	1019.39	1019.41	1019.40	1019.36	1019.35	1019.39	1019.45	1019.51	1019.59	1019.64	1019.69	1019.72	1019.49
	5	1019.74	1019.76	1019.80	1019.82	1019.83	1019.84	1019.85	1019.89	1019.90	1019.89	1019.90	1019.90	1019.84
	6	1019.87	1019.88	1019.91	1019.97	1020.00	1019.99	1019.97	1019.95	1019.94	1019.91	1019.88	1019.87	1019.93
	7	1019.89	1019.91	1019.89	1019.84	1019.79	1019.77	1019.81	1019.85	1019.85	1019.85	1019.87	1019.92	1019.85
	8	1019.98	1020.03	1020.08	1020.17	1020.23	1020.23	1020.21	1020.18	1020.14	1020.13	1020.19	1020.28	1020.15
	9	1020.31	1020.33	1020.36	1020.37	1020.37	1020.36	1020.34	1020.31	1020.32	1020.32	1020.27	1020.25	1020.32
	10	1020.21	1020.13	1020.05	1019.95	1019.87	1019.83	1019.81	1019.80	1019.78	1019.71	1019.60	1019.54	1019.85
	11	1019.52	1019.49	1019.48	1019.52	1019.51	1019.48	1019.47	1019.44	1019.40	1019.35	1019.23	1019.13	1019.42
	12	1019.08	1019.03	1018.96	1018.90	1018.90	1018.86	1018.79	1018.71	1018.65	1018.59	1018.54	1018.54	1018.79
	13	1018.56	1018.57	1018.60	1018.64	1018.68	1018.67	1018.65	1018.67	1018.69	1018.68	1018.67	1018.67	1018.64
	14	1018.69	1018.71	1018.70	1018.74	1018.81	1018.85	1018.88	1018.93	1018.98	1018.97	1018.90	1018.82	1018.83
	15	1018.80	1018.83	1018.83	1018.80	1018.81	1018.82	1018.86	1018.87	1018.87	1018.88	1018.91	1018.91	1018.85
	16	1018.87	1018.83	1018.80	1018.77	1018.75	1018.73	1018.72	1018.73	1018.74	1018.76	1018.77	1018.81	1018.77
	17	1018.84	1018.86	1018.91	1018.93	1018.93	1018.97	1019.03	1019.13	1019.21	1019.23	1019.22	1019.21	1019.04
	18	1019.28	1019.36	1019.39	1019.41	1019.43	1019.48	1019.55	1019.59	1019.60	1019.66	1019.75	1019.85	1019.53
	19	1019.90	1019.87	1019.86	1019.91	1019.97	1019.99	1019.99	1020.00	1020.02	1020.02	1020.02	1020.09	1019.97
	20	1020.20	1020.33	1020.42	1020.45	1020.44	1020.45	1020.48	1020.53	1020.55	1020.56	1020.63	1020.69	1020.48
	21	1020.69	1020.69	1020.70	1020.67	1020.65	1020.67	1020.68	1020.66	1020.62	1020.57	1020.57	1020.60	1020.64
	22	1020.61	1020.62	1020.64	1020.64	1020.63	1020.60	1020.55	1020.50	1020.46	1020.42	1020.43	1020.45	1020.54
	23	1020.43	1020.43	1020.41	1020.32	1020.24	1020.22	1020.20	1020.18	1020.14	1020.11	1020.09	1020.04	1020.23

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1019.95	1019.91	1019.83	1019.77	1019.77	1019.77	1019.76	1019.78	1019.82	1019.87	1019.87	1019.81	1019.82
	1	1019.72	1019.59	1019.52	1019.53	1019.57	1019.59	1019.58	1019.59	1019.68	1019.74	1019.73	1019.72	1019.63
	2	1019.72	1019.72	1019.74	1019.75	1019.74	1019.71	1019.68	1019.68	1019.71	1019.70	1019.68	1019.68	1019.71
	3	1019.66	1019.60	1019.55	1019.54	1019.56	1019.58	1019.59	1019.61	1019.65	1019.67	1019.66	1019.71	1019.61
	4	1019.79	1019.83	1019.86	1019.90	1019.95	1020.00	1020.04	1020.06	1020.08	1020.14	1020.21	1020.27	1020.01
	5	1020.32	1020.36	1020.39	1020.45	1020.52	1020.57	1020.60	1020.63	1020.65	1020.68	1020.69	1020.67	1020.54
	6	1020.67	1020.67	1020.70	1020.75	1020.82	1020.87	1020.91	1020.94	1020.93	1020.91	1020.90	1020.91	1020.83
	7	1020.93	1020.90	1020.88	1020.93	1020.99	1021.00	1020.98	1020.98	1021.02	1021.07	1021.08	1021.05	1020.98
	8	1021.03	1020.98	1020.94	1020.89	1020.83	1020.80	1020.77	1020.76	1020.74	1020.71	1020.68	1020.65	1020.81
	9	1020.63	1020.63	1020.61	1020.57	1020.53	1020.48	1020.43	1020.39	1020.37	1020.32	1020.25	1020.18	1020.45
	10	1020.14	1020.09	1020.05	1020.01	1020.00	1019.98	1019.93	1019.88	1019.83	1019.79	1019.75	1019.69	1019.93
	11	1019.65	1019.62	1019.59	1019.57	1019.55	1019.48	1019.41	1019.39	1019.37	1019.32	1019.27	1019.22	1019.45
	12	1019.17	1019.15	1019.12	1019.08	1019.02	1018.95	1018.92	1018.94	1018.95	1018.92	1018.88	1018.84	1018.99
	13	1018.82	1018.81	1018.78	1018.72	1018.67	1018.60	1018.56	1018.52	1018.47	1018.42	1018.39	1018.37	1018.59
	14	1018.34	1018.29	1018.25	1018.23	1018.19	1018.15	1018.13	1018.08	1018.04	1018.01	1017.99	1017.98	1018.14
	15	1017.97	1017.96	1017.98	1018.00	1017.99	1017.97	1017.98	1018.00	1018.04	1018.06	1018.03	1017.99	1017.99
	16	1017.98	1017.99	1018.02	1018.07	1018.11	1018.16	1018.16	1018.14	1018.13	1018.11	1018.08	1018.07	1018.08
	17	1018.08	1018.08	1018.08	1018.06	1018.02	1018.01	1018.04	1018.04	1018.03	1018.04	1018.05	1018.09	1018.05
	18	1018.17	1018.23	1018.29	1018.32	1018.33	1018.35	1018.39	1018.47	1018.55	1018.60	1018.62	1018.63	1018.41
	19	1018.68	1018.76	1018.80	1018.81	1018.87	1018.93	1018.94	1018.94	1018.97	1019.01	1019.01	1018.98	1018.89
	20	1018.99	1019.02	1019.03	1019.05	1019.04	1018.99	1018.94	1018.89	1018.89	1018.93	1018.97	1018.98	1018.97
	21	1018.97	1018.95	1018.95	1018.96	1018.97	1018.97	1018.96	1018.97	1018.99	1018.98	1018.96	1018.97	1018.96
	22	1018.97	1018.95	1018.95	1018.95	1018.94	1018.93	1018.92	1018.92	1018.93	1018.92	1018.90	1018.88	1018.93
	23	1018.84	1018.83	1018.84	1018.81	1018.77	1018.74	1018.72	1018.69	1018.64	1018.60	1018.59	1018.60	1018.72
12	0	1018.59	1018.58	1018.59	1018.61	1018.60	1018.57	1018.54	1018.51	1018.46	1018.39	1018.35	1018.35	1018.51
	1	1018.35	1018.34	1018.34	1018.33	1018.31	1018.29	1018.26	1018.22	1018.19	1018.19	1018.24	1018.30	1018.28
	2	1018.34	1018.34	1018.31	1018.32	1018.32	1018.30	1018.28	1018.27	1018.25	1018.22	1018.21	1018.19	1018.28
	3	1018.16	1018.15	1018.14	1018.15	1018.15	1018.14	1018.16	1018.18	1018.15	1018.12	1018.14	1018.18	1018.15
	4	1018.24	1018.27	1018.26	1018.25	1018.25	1018.25	1018.25	1018.24	1018.21	1018.26	1018.33	1018.35	1018.26
	5	1018.35	1018.35	1018.33	1018.30	1018.29	1018.29	1018.28	1018.28	1018.29	1018.31	1018.33	1018.37	1018.31
	6	1018.38	1018.38	1018.43	1018.48	1018.48	1018.46	1018.43	1018.40	1018.38	1018.40	1018.44	1018.49	1018.43
	7	1018.52	1018.55	1018.58	1018.58	1018.55	1018.48	1018.43	1018.41	1018.38	1018.40	1018.43	1018.42	1018.48
	8	1018.41	1018.40	1018.42	1018.43	1018.44	1018.48	1018.50	1018.52	1018.54	1018.54	1018.54	1018.56	1018.48
	9	1018.58	1018.61	1018.64	1018.70	1018.75	1018.79	1018.83	1018.87	1018.90	1018.95	1019.02	1019.07	1018.81
	10	1019.08	1019.04	1019.00	1019.03	1019.06	1019.01	1018.97	1019.00	1019.03	1019.06	1019.08	1019.11	1019.04
	11	1019.17	1019.19	1019.20	1019.23	1019.22	1019.17	1019.13	1019.13	1019.13	1019.14	1019.12	1019.09	1019.16
	12	1019.09	1019.09	1019.08	1019.06	1019.02	1018.97	1018.93	1018.86	1018.81	1018.78	1018.77	1018.75	1018.93
	13	1018.73	1018.71	1018.66	1018.60	1018.55	1018.52	1018.48	1018.46	1018.41	1018.34	1018.34	1018.31	1018.51
	14	1018.23	1018.17	1018.11	1018.03	1017.96	1017.93	1017.90	1017.87	1017.84	1017.83	1017.81	1017.78	1017.95
	15	1017.77	1017.76	1017.73	1017.66	1017.59	1017.54	1017.47	1017.41	1017.40	1017.44	1017.51	1017.55	1017.57
	16	1017.58	1017.63	1017.72	1017.82	1017.84	1017.85	1017.90	1017.93	1017.94	1017.97	1018.03	1018.07	1017.85
	17	1018.10	1018.16	1018.21	1018.22	1018.21	1018.22	1018.23	1018.23	1018.27	1018.29	1018.33	1018.37	1018.23
	18	1018.41	1018.45	1018.48	1018.51	1018.57	1018.65	1018.71	1018.77	1018.86	1018.98	1019.08	1019.14	1018.72
	19	1019.20	1019.25	1019.29	1019.33	1019.33	1019.36	1019.40	1019.41	1019.41	1019.45	1019.49	1019.48	1019.36
	20	1019.49	1019.51	1019.48	1019.46	1019.50	1019.50	1019.48	1019.48	1019.50	1019.50	1019.49	1019.46	1019.49
	21	1019.41	1019.40	1019.40	1019.41	1019.44	1019.46	1019.46	1019.44	1019.41	1019.39	1019.37	1019.32	1019.41
	22	1019.28	1019.28	1019.29	1019.29	1019.26	1019.20	1019.14	1019.12	1019.12	1019.10	1019.07	1019.03	1019.18
	23	1018.98	1018.92	1018.89	1018.86	1018.81	1018.73	1018.59	1018.43	1018.31	1018.21	1018.12	1018.02	1018.57

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
13	0	1017.89	1017.83	1017.76	1017.74	1017.71	1017.70	1017.74	1017.71	1017.60	1017.53	1017.49	1017.45	1017.67
	1	1017.39	1017.36	1017.34	1017.29	1017.29	1017.32	1017.32	1017.30	1017.27	1017.26	1017.26	1017.32	1017.31
	2	1017.45	1017.48	1017.44	1017.43	1017.42	1017.44	1017.47	1017.50	1017.55	1017.61	1017.60	1017.54	1017.49
	3	1017.46	1017.43	1017.46	1017.45	1017.40	1017.39	1017.44	1017.47	1017.50	1017.60	1017.65	1017.64	1017.49
	4	1017.70	1017.74	1017.73	1017.76	1017.81	1017.81	1017.79	1017.80	1017.86	1017.93	1018.00	1018.07	1017.83
	5	1018.12	1018.17	1018.21	1018.22	1018.19	1018.16	1018.15	1018.18	1018.23	1018.28	1018.28	1018.27	1018.20
	6	1018.26	1018.16	1018.04	1018.06	1018.15	1018.19	1018.24	1018.32	1018.39	1018.46	1018.54	1018.55	1018.28
	7	1018.51	1018.47	1018.46	1018.50	1018.52	1018.50	1018.42	1018.31	1018.23	1018.17	1018.09	1017.98	1018.34
	8	1017.93	1018.05	1018.19	1018.25	1018.31	1018.35	1018.32	1018.23	1018.19	1018.18	1018.15	1018.13	1018.19
	9	1018.14	1018.16	1018.17	1018.17	1018.17	1018.13	1018.07	1018.06	1018.01	1017.96	1017.97	1017.98	1018.08
	10	1017.94	1017.90	1017.86	1017.79	1017.73	1017.66	1017.61	1017.58	1017.52	1017.46	1017.42	1017.36	1017.65
	11	1017.29	1017.25	1017.18	1017.15	1017.13	1017.09	1017.06	1017.03	1017.02	1017.00	1016.95	1016.88	1017.08
	12	1016.79	1016.70	1016.60	1016.49	1016.43	1016.38	1016.30	1016.19	1016.11	1016.05	1016.00	1015.96	1016.33
	13	1015.92	1015.88	1015.86	1015.83	1015.79	1015.74	1015.67	1015.62	1015.57	1015.52	1015.47	1015.42	1015.69
	14	1015.33	1015.23	1015.17	1015.09	1015.01	1014.97	1014.93	1014.87	1014.80	1014.74	1014.70	1014.67	1014.96
	15	1014.61	1014.56	1014.55	1014.56	1014.54	1014.52	1014.52	1014.50	1014.46	1014.46	1014.47	1014.43	1014.51
	16	1014.39	1014.38	1014.37	1014.32	1014.26	1014.21	1014.18	1014.20	1014.23	1014.24	1014.29	1014.30	1014.28
	17	1014.29	1014.29	1014.30	1014.33	1014.37	1014.37	1014.37	1014.39	1014.38	1014.38	1014.42	1014.46	1014.36
	18	1014.53	1014.57	1014.58	1014.60	1014.62	1014.64	1014.67	1014.68	1014.70	1014.74	1014.76	1014.79	1014.65
	19	1014.86	1014.91	1014.95	1014.99	1015.02	1015.03	1015.04	1015.07	1015.09	1015.07	1015.04	1014.99	1015.00
	20	1014.96	1014.98	1015.01	1015.02	1015.00	1014.93	1014.86	1014.82	1014.76	1014.77	1014.79	1014.80	1014.89
	21	1014.83	1014.80	1014.81	1014.88	1014.93	1014.92	1014.91	1014.92	1014.96	1014.97	1014.95	1014.98	1014.90
	22	1015.05	1015.13	1015.18	1015.18	1015.21	1015.27	1015.30	1015.34	1015.39	1015.42	1015.44	1015.46	1015.28
	23	1015.52	1015.60	1015.63	1015.69	1015.79	1015.82	1015.84	1015.86	1015.85	1015.88	1015.91	1015.91	1015.77
14	0	1015.85	1015.85	1015.88	1015.90	1015.88	1015.84	1015.79	1015.74	1015.68	1015.64	1015.63	1015.60	1015.77
	1	1015.54	1015.48	1015.42	1015.34	1015.24	1015.14	1015.02	1014.93	1014.92	1014.91	1014.92	1014.92	1015.15
	2	1014.92	1014.94	1014.95	1014.90	1014.86	1014.87	1014.88	1014.92	1014.95	1014.98	1015.06	1015.12	1014.94
	3	1015.13	1015.11	1015.08	1015.09	1015.11	1015.05	1015.00	1015.04	1015.08	1015.07	1015.06	1015.07	1015.07
	4	1015.17	1015.26	1015.32	1015.39	1015.42	1015.40	1015.37	1015.41	1015.47	1015.52	1015.56	1015.60	1015.41
	5	1015.64	1015.68	1015.72	1015.77	1015.83	1015.87	1015.85	1015.83	1015.86	1015.92	1015.98	1015.96	1015.82
	6	1015.87	1015.82	1015.83	1015.84	1015.84	1015.89	1015.93	1015.98	1016.06	1016.12	1016.14	1016.12	1015.95
	7	1016.10	1016.11	1016.12	1016.19	1016.26	1016.27	1016.28	1016.31	1016.34	1016.36	1016.43	1016.54	1016.27
	8	1016.62	1016.64	1016.64	1016.67	1016.71	1016.72	1016.71	1016.71	1016.75	1016.76	1016.73	1016.75	1016.70
	9	1016.85	1016.90	1016.93	1016.88	1016.73	1016.78	1016.91	1016.93	1016.96	1017.07	1017.16	1017.11	1016.93
	10	1017.06	1017.13	1017.21	1017.18	1017.15	1017.16	1017.11	1017.07	1017.11	1017.08	1017.01	1017.02	1017.11
	11	1017.04	1017.01	1016.93	1016.82	1016.75	1016.78	1016.82	1016.80	1016.72	1016.60	1016.51	1016.55	1016.78
	12	1016.76	1016.95	1016.95	1016.94	1016.96	1016.94	1016.94	1016.93	1016.96	1016.97	1016.78	1016.71	1016.90
	13	1016.72	1016.58	1016.45	1016.44	1016.35	1016.30	1016.34	1016.28	1016.28	1016.39	1016.43	1016.37	1016.41
	14	1016.34	1016.32	1016.24	1016.17	1016.24	1016.27	1016.27	1016.22	1016.14	1016.12	1016.13	1016.13	1016.21
	15	1016.16	1016.24	1016.21	1016.13	1016.12	1016.13	1016.10	1016.11	1016.16	1016.21	1016.25	1016.24	1016.17
	16	1016.23	1016.17	1016.18	1016.27	1016.32	1016.28	1016.20	1016.15	1016.10	1016.21	1016.47	1016.60	1016.26
	17	1016.59	1016.62	1016.65	1016.63	1016.58	1016.51	1016.50	1016.51	1016.38	1016.21	1016.19	1016.15	1016.46
	18	1016.10	1016.18	1016.29	1016.35	1016.37	1016.40	1016.49	1016.53	1016.59	1016.68	1016.71	1016.78	1016.45
	19	1016.84	1016.87	1016.93	1016.96	1016.89	1016.86	1016.99	1017.17	1017.26	1017.15	1017.07	1017.06	1017.00
	20	1016.99	1017.07	1017.23	1017.37	1017.45	1017.43	1017.41	1017.38	1017.32	1017.30	1017.29	1017.30	1017.29
	21	1017.39	1017.42	1017.41	1017.47	1017.53	1017.47	1017.39	1017.45	1017.51	1017.50	1017.51	1017.51	1017.46
	22	1017.48	1017.48	1017.51	1017.54	1017.57	1017.67	1017.63	1017.51	1017.51	1017.54	1017.56	1017.57	1017.55
	23	1017.55	1017.52	1017.49	1017.46	1017.42	1017.41	1017.47	1017.52	1017.49	1017.42	1017.39	1017.39	1017.46

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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	1017.32	1017.30	1017.28	1017.33	1017.37	1017.37	1017.38	1017.41	1017.46	1017.52	1017.54	1017.54	1017.40
	1	1017.55	1017.52	1017.49	1017.50	1017.52	1017.54	1017.60	1017.61	1017.57	1017.55	1017.55	1017.51	1017.54
	2	1017.41	1017.33	1017.27	1017.28	1017.37	1017.40	1017.39	1017.37	1017.31	1017.26	1017.25	1017.25	1017.32
	3	1017.17	1017.02	1016.85	1016.69	1016.61	1016.53	1016.45	1016.38	1016.38	1016.45	1016.52	1016.53	1016.63
	4	1016.51	1016.52	1016.59	1016.62	1016.55	1016.50	1016.52	1016.57	1016.58	1016.54	1016.49	1016.47	1016.54
	5	1016.48	1016.45	1016.37	1016.34	1016.36	1016.39	1016.38	1016.36	1016.38	1016.37	1016.37	1016.42	1016.39
	6	1016.39	1016.36	1016.39	1016.38	1016.36	1016.39	1016.44	1016.45	1016.41	1016.37	1016.34	1016.34	1016.38
	7	1016.32	1016.29	1016.25	1016.24	1016.24	1016.25	1016.26	1016.27	1016.27	1016.27	1016.27	1016.28	1016.27
	8	1016.28	1016.27	1016.30	1016.31	1016.31	1016.31	1016.32	1016.34	1016.36	1016.38	1016.35	1016.34	1016.32
	9	1016.37	1016.38	1016.37	1016.35	1016.33	1016.33	1016.34	1016.33	1016.34	1016.33	1016.30	1016.26	1016.33
	10	1016.19	1016.12	1016.05	1015.99	1015.96	1015.93	1015.89	1015.83	1015.78	1015.77	1015.74	1015.67	1015.91
	11	1015.59	1015.56	1015.54	1015.52	1015.47	1015.44	1015.41	1015.38	1015.34	1015.27	1015.21	1015.15	1015.41
	12	1015.11	1015.08	1015.04	1015.01	1014.98	1014.92	1014.87	1014.84	1014.80	1014.81	1014.82	1014.79	1014.92
	13	1014.81	1014.84	1014.81	1014.78	1014.77	1014.75	1014.77	1014.80	1014.82	1014.83	1014.81	1014.78	1014.80
	14	1014.77	1014.81	1014.80	1014.78	1014.76	1014.76	1014.82	1014.86	1014.89	1014.91	1014.91	1014.93	1014.83
	15	1014.96	1014.95	1014.96	1014.96	1014.92	1014.93	1014.95	1014.94	1014.91	1014.90	1014.86	1014.83	1014.92
	16	1014.89	1014.90	1014.83	1014.81	1014.81	1014.81	1014.83	1014.83	1014.81	1014.82	1014.80	1014.74	1014.82
	17	1014.72	1014.74	1014.77	1014.73	1014.68	1014.72	1014.74	1014.75	1014.79	1014.81	1014.84	1014.86	1014.76
	18	1014.86	1014.87	1014.90	1014.95	1015.03	1015.09	1015.15	1015.18	1015.18	1015.21	1015.24	1015.28	1015.08
	19	1015.34	1015.41	1015.46	1015.50	1015.53	1015.55	1015.55	1015.57	1015.60	1015.60	1015.55	1015.48	1015.51
	20	1015.45	1015.46	1015.48	1015.50	1015.52	1015.56	1015.58	1015.58	1015.55	1015.56	1015.58	1015.60	1015.53
	21	1015.61	1015.58	1015.53	1015.48	1015.46	1015.44	1015.39	1015.36	1015.39	1015.42	1015.44	1015.47	1015.46
	22	1015.45	1015.42	1015.42	1015.41	1015.38	1015.38	1015.43	1015.45	1015.41	1015.36	1015.31	1015.26	1015.39
	23	1015.22	1015.19	1015.18	1015.16	1015.16	1015.18	1015.18	1015.14	1015.10	1015.07	1015.01	1014.94	1015.13
16	0	1014.80	1014.75	1014.67	1014.62	1014.55	1014.51	1014.48	1014.43	1014.38	1014.33	1014.30	1014.27	1014.49
	1	1014.21	1014.17	1014.16	1014.16	1014.15	1014.12	1014.09	1014.05	1014.05	1014.03	1013.98	1013.98	1014.09
	2	1014.00	1014.00	1013.94	1013.88	1013.85	1013.82	1013.77	1013.75	1013.75	1013.74	1013.72	1013.68	1013.82
	3	1013.63	1013.61	1013.67	1013.73	1013.75	1013.74	1013.70	1013.63	1013.56	1013.52	1013.53	1013.55	1013.63
	4	1013.55	1013.56	1013.59	1013.61	1013.60	1013.61	1013.63	1013.64	1013.64	1013.63	1013.64	1013.67	1013.61
	5	1013.68	1013.67	1013.68	1013.71	1013.72	1013.75	1013.79	1013.81	1013.86	1013.91	1013.91	1013.90	1013.78
	6	1013.89	1013.89	1013.90	1013.88	1013.90	1013.96	1013.97	1013.94	1013.90	1013.87	1013.85	1013.87	1013.90
	7	1013.88	1013.88	1013.90	1013.91	1013.92	1013.92	1013.92	1013.90	1013.88	1013.86	1013.84	1013.85	1013.89
	8	1013.85	1013.83	1013.78	1013.73	1013.70	1013.69	1013.70	1013.71	1013.69	1013.68	1013.66	1013.64	1013.72
	9	1013.65	1013.66	1013.65	1013.66	1013.67	1013.65	1013.62	1013.61	1013.62	1013.64	1013.62	1013.58	1013.63
	10	1013.55	1013.51	1013.46	1013.42	1013.35	1013.29	1013.24	1013.19	1013.15	1013.09	1013.04	1013.01	1013.27
	11	1012.96	1012.89	1012.84	1012.81	1012.78	1012.75	1012.75	1012.75	1012.76	1012.77	1012.79	1012.80	1012.80
	12	1012.79	1012.79	1012.81	1012.82	1012.80	1012.78	1012.78	1012.77	1012.75	1012.74	1012.73	1012.69	1012.77
	13	1012.65	1012.64	1012.61	1012.56	1012.52	1012.48	1012.45	1012.41	1012.37	1012.36	1012.35	1012.31	1012.47
	14	1012.27	1012.18	1012.07	1012.02	1012.02	1012.04	1012.11	1012.20	1012.23	1012.27	1012.32	1012.39	1012.17
	15	1012.48	1012.52	1012.53	1012.54	1012.63	1012.74	1012.80	1012.80	1012.94	1013.33	1013.65	1013.75	1012.89
	16	1013.84	1013.96	1014.13	1014.28	1014.36	1014.43	1014.45	1014.42	1014.32	1014.28	1014.23	1014.12	1014.23
	17	1014.11	1014.16	1014.29	1014.47	1014.57	1014.55	1014.50	1014.49	1014.59	1014.81	1015.02	1015.06	1014.55
	18	1014.98	1014.93	1014.95	1014.95	1014.80	1014.67	1014.59	1014.45	1014.35	1014.35	1014.37	1014.36	1014.64
	19	1014.31	1014.23	1014.15	1014.12	1014.19	1014.35	1014.45	1014.46	1014.49	1014.53	1014.53	1014.54	1014.36
	20	1014.52	1014.53	1014.56	1014.56	1014.58	1014.57	1014.55	1014.54	1014.54	1014.55	1014.56	1014.58	1014.55
	21	1014.57	1014.57	1014.59	1014.63	1014.65	1014.67	1014.67	1014.67	1014.71	1014.73	1014.73	1014.75	1014.66
	22	1014.78	1014.82	1014.83	1014.81	1014.84	1014.89	1014.92	1014.95	1014.96	1014.96	1014.93	1014.91	1014.88
	23	1014.88	1014.86	1014.89	1014.92	1014.92	1014.94	1015.01	1015.12	1015.15	1015.15	1015.15	1015.13	1015.01

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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
17	0	1015.12	1015.07	1015.00	1014.96	1014.91	1014.87	1014.86	1014.88	1014.86	1014.84	1014.83	1014.76	1014.90
	1	1014.70	1014.65	1014.61	1014.62	1014.63	1014.61	1014.61	1014.60	1014.55	1014.49	1014.43	1014.36	1014.57
	2	1014.31	1014.30	1014.28	1014.27	1014.26	1014.25	1014.20	1014.14	1014.08	1014.04	1014.01	1013.99	1014.18
	3	1013.98	1013.98	1014.00	1014.01	1014.02	1014.01	1014.01	1014.01	1014.01	1014.01	1014.02	1014.03	1014.00
	4	1014.04	1014.06	1014.09	1014.14	1014.18	1014.23	1014.24	1014.25	1014.28	1014.31	1014.32	1014.30	1014.20
	5	1014.29	1014.33	1014.39	1014.45	1014.49	1014.53	1014.56	1014.55	1014.53	1014.52	1014.53	1014.57	1014.48
	6	1014.58	1014.58	1014.58	1014.58	1014.57	1014.56	1014.54	1014.51	1014.49	1014.50	1014.51	1014.50	1014.54
	7	1014.48	1014.49	1014.54	1014.59	1014.65	1014.71	1014.74	1014.77	1014.82	1014.88	1014.92	1014.94	1014.71
	8	1014.96	1015.00	1015.03	1015.07	1015.07	1015.04	1015.01	1014.98	1014.94	1014.89	1014.86	1014.81	1014.97
	9	1014.75	1014.72	1014.71	1014.70	1014.67	1014.63	1014.62	1014.63	1014.63	1014.59	1014.55	1014.51	1014.64
	10	1014.48	1014.47	1014.44	1014.40	1014.34	1014.28	1014.21	1014.17	1014.14	1014.07	1014.03	1014.03	1014.25
	11	1014.04	1014.06	1014.06	1014.05	1014.03	1014.00	1013.99	1013.97	1013.96	1013.97	1013.98	1013.99	1014.01
	12	1013.99	1013.98	1014.00	1013.99	1013.97	1013.96	1013.94	1013.92	1013.89	1013.84	1013.81	1013.76	1013.92
	13	1013.71	1013.72	1013.73	1013.67	1013.57	1013.49	1013.47	1013.47	1013.44	1013.35	1013.24	1013.18	1013.50
	14	1013.15	1013.12	1013.07	1013.03	1013.00	1012.94	1012.88	1012.92	1013.05	1013.17	1013.15	1013.06	1013.04
	15	1013.07	1013.09	1013.11	1013.09	1013.17	1013.34	1013.40	1013.40	1013.47	1013.58	1013.65	1013.71	1013.34
	16	1013.74	1013.71	1013.61	1013.61	1013.68	1013.66	1013.59	1013.54	1013.49	1013.44	1013.48	1013.57	1013.59
	17	1013.62	1013.64	1013.68	1013.74	1013.83	1013.92	1014.00	1014.07	1014.14	1014.22	1014.31	1014.39	1013.96
	18	1014.43	1014.44	1014.48	1014.53	1014.58	1014.65	1014.73	1014.80	1014.84	1014.86	1014.90	1014.99	1014.69
	19	1015.10	1015.19	1015.25	1015.30	1015.35	1015.40	1015.45	1015.51	1015.56	1015.59	1015.60	1015.62	1015.41
	20	1015.64	1015.65	1015.65	1015.64	1015.67	1015.69	1015.69	1015.70	1015.70	1015.71	1015.74	1015.76	1015.68
	21	1015.79	1015.81	1015.81	1015.84	1015.88	1015.93	1015.96	1015.96	1015.95	1015.96	1016.00	1016.07	1015.91
	22	1016.12	1016.14	1016.14	1016.16	1016.20	1016.23	1016.24	1016.24	1016.23	1016.22	1016.18	1016.15	1016.18
	23	1016.12	1016.11	1016.14	1016.16	1016.14	1016.13	1016.12	1016.11	1016.12	1016.12	1016.09	1016.06	1016.12
18	0	1015.96	1015.95	1015.93	1015.95	1015.96	1015.93	1015.91	1015.90	1015.89	1015.87	1015.89	1015.91	1015.92
	1	1015.89	1015.86	1015.85	1015.86	1015.86	1015.83	1015.81	1015.81	1015.80	1015.82	1015.83	1015.79	1015.83
	2	1015.78	1015.79	1015.77	1015.74	1015.73	1015.77	1015.79	1015.79	1015.80	1015.83	1015.87	1015.91	1015.79
	3	1015.91	1015.89	1015.89	1015.90	1015.94	1015.96	1015.94	1015.91	1015.89	1015.89	1015.92	1015.91	1015.91
	4	1015.90	1015.92	1015.98	1016.01	1016.03	1016.07	1016.12	1016.19	1016.24	1016.29	1016.35	1016.39	1016.12
	5	1016.43	1016.45	1016.47	1016.52	1016.57	1016.62	1016.67	1016.72	1016.74	1016.75	1016.76	1016.80	1016.62
	6	1016.88	1016.95	1017.00	1017.04	1017.09	1017.13	1017.12	1017.11	1017.09	1017.07	1017.04	1017.05	1017.05
	7	1017.08	1017.07	1017.06	1017.06	1017.03	1017.02	1017.07	1017.11	1017.16	1017.20	1017.21	1017.22	1017.11
	8	1017.21	1017.20	1017.18	1017.16	1017.15	1017.14	1017.14	1017.15	1017.13	1017.11	1017.09	1017.06	1017.14
	9	1017.02	1017.00	1016.99	1016.99	1016.97	1016.96	1016.96	1016.94	1016.91	1016.87	1016.82	1016.76	1016.93
	10	1016.73	1016.71	1016.68	1016.65	1016.62	1016.56	1016.50	1016.48	1016.49	1016.48	1016.42	1016.41	1016.56
	11	1016.43	1016.40	1016.35	1016.31	1016.29	1016.31	1016.32	1016.32	1016.36	1016.39	1016.41	1016.42	1016.36
	12	1016.40	1016.40	1016.40	1016.40	1016.40	1016.39	1016.41	1016.44	1016.44	1016.42	1016.37	1016.34	1016.40
	13	1016.33	1016.30	1016.25	1016.21	1016.19	1016.17	1016.14	1016.11	1016.11	1016.08	1016.05	1016.00	1016.16
	14	1015.96	1015.98	1016.01	1016.01	1015.99	1015.98	1015.99	1015.98	1015.96	1015.93	1015.92	1015.94	1015.97
	15	1015.94	1015.92	1015.91	1015.91	1015.88	1015.84	1015.83	1015.83	1015.88	1015.90	1015.87	1015.85	1015.88
	16	1015.86	1015.86	1015.89	1015.90	1015.92	1015.96	1015.97	1015.93	1015.89	1015.85	1015.84	1015.84	1015.89
	17	1015.84	1015.87	1015.87	1015.87	1015.89	1015.88	1015.87	1015.91	1015.97	1016.01	1016.07	1016.13	1015.93
	18	1016.19	1016.24	1016.26	1016.29	1016.36	1016.41	1016.41	1016.44	1016.48	1016.53	1016.59	1016.61	1016.40
	19	1016.64	1016.66	1016.68	1016.70	1016.70	1016.70	1016.68	1016.64	1016.62	1016.61	1016.58	1016.55	1016.64
	20	1016.54	1016.55	1016.56	1016.56	1016.53	1016.54	1016.57	1016.58	1016.61	1016.61	1016.58	1016.60	1016.57
	21	1016.63	1016.65	1016.67	1016.68	1016.70	1016.72	1016.73	1016.73	1016.69	1016.66	1016.68	1016.70	1016.68
	22	1016.70	1016.69	1016.66	1016.63	1016.63	1016.64	1016.63	1016.61	1016.63	1016.66	1016.69	1016.71	1016.65
	23	1016.72	1016.72	1016.72	1016.72	1016.70	1016.70	1016.67	1016.64	1016.64	1016.60	1016.52	1016.45	1016.65

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
19	0	1016.38	1016.37	1016.37	1016.37	1016.34	1016.31	1016.31	1016.31	1016.32	1016.34	1016.33	1016.30	1016.33
	1	1016.24	1016.21	1016.21	1016.22	1016.24	1016.21	1016.16	1016.16	1016.16	1016.11	1016.06	1016.04	1016.17
	2	1016.03	1016.02	1016.02	1016.02	1016.03	1016.02	1016.00	1016.00	1016.01	1016.01	1016.01	1016.03	1016.01
	3	1016.01	1015.97	1015.90	1015.82	1015.77	1015.78	1015.83	1015.89	1015.94	1015.98	1016.00	1016.01	1015.91
	4	1015.95	1015.87	1015.82	1015.82	1015.85	1015.88	1015.92	1015.95	1015.94	1015.92	1015.92	1015.94	1015.90
	5	1015.96	1015.95	1015.93	1015.90	1015.92	1016.02	1016.09	1016.11	1016.12	1016.13	1016.14	1016.17	1016.03
	6	1016.20	1016.25	1016.29	1016.33	1016.37	1016.39	1016.35	1016.27	1016.24	1016.24	1016.25	1016.22	1016.28
	7	1016.17	1016.06	1015.92	1015.84	1015.87	1015.95	1015.97	1015.95	1016.00	1016.09	1016.11	1016.12	1016.00
	8	1016.14	1016.17	1016.20	1016.22	1016.20	1016.20	1016.23	1016.21	1016.18	1016.19	1016.21	1016.21	1016.19
	9	1016.19	1016.19	1016.21	1016.19	1016.18	1016.20	1016.18	1016.13	1016.12	1016.15	1016.19	1016.20	1016.17
	10	1016.19	1016.16	1016.15	1016.15	1016.14	1016.11	1016.04	1015.96	1015.92	1015.90	1015.82	1015.78	1016.02
	11	1015.76	1015.73	1015.70	1015.60	1015.46	1015.40	1015.35	1015.24	1015.17	1015.17	1015.18	1015.17	1015.41
	12	1015.10	1015.01	1014.95	1014.90	1014.87	1014.81	1014.75	1014.68	1014.61	1014.52	1014.41	1014.38	1014.75
	13	1014.35	1014.30	1014.23	1014.13	1014.07	1014.04	1014.01	1014.01	1013.97	1013.90	1013.86	1013.80	1014.05
	14	1013.69	1013.61	1013.57	1013.51	1013.41	1013.34	1013.31	1013.26	1013.25	1013.25	1013.23	1013.21	1013.38
	15	1013.22	1013.22	1013.21	1013.23	1013.23	1013.22	1013.20	1013.15	1013.11	1013.08	1013.08	1013.09	1013.17
	16	1013.06	1013.06	1013.08	1013.11	1013.12	1013.12	1013.11	1013.08	1013.03	1012.95	1012.88	1012.84	1013.04
	17	1012.83	1012.87	1012.93	1012.96	1012.99	1013.02	1013.05	1013.11	1013.16	1013.19	1013.20	1013.24	1013.04
	18	1013.24	1013.21	1013.23	1013.29	1013.35	1013.37	1013.35	1013.33	1013.32	1013.32	1013.32	1013.32	1013.30
	19	1013.32	1013.33	1013.36	1013.42	1013.53	1013.60	1013.62	1013.65	1013.66	1013.70	1013.79	1013.88	1013.57
	20	1013.92	1013.92	1013.92	1013.90	1013.87	1013.84	1013.86	1013.87	1013.84	1013.84	1013.87	1013.87	1013.87
	21	1013.79	1013.72	1013.71	1013.72	1013.70	1013.69	1013.69	1013.66	1013.66	1013.67	1013.65	1013.62	1013.69
	22	1013.64	1013.69	1013.73	1013.74	1013.74	1013.72	1013.69	1013.68	1013.67	1013.65	1013.66	1013.68	1013.69
	23	1013.68	1013.66	1013.62	1013.62	1013.60	1013.56	1013.56	1013.55	1013.54	1013.51	1013.42	1013.36	1013.55
20	0	1013.34	1013.35	1013.35	1013.34	1013.36	1013.38	1013.37	1013.34	1013.31	1013.27	1013.27	1013.27	1013.33
	1	1013.21	1013.15	1013.13	1013.14	1013.16	1013.15	1013.12	1013.10	1013.12	1013.20	1013.25	1013.25	1013.16
	2	1013.23	1013.20	1013.18	1013.14	1013.09	1013.06	1013.03	1012.96	1012.88	1012.79	1012.72	1012.66	1012.99
	3	1012.63	1012.65	1012.65	1012.63	1012.62	1012.64	1012.68	1012.73	1012.74	1012.72	1012.73	1012.77	1012.68
	4	1012.82	1012.86	1012.85	1012.86	1012.88	1012.88	1012.89	1012.90	1012.90	1012.90	1012.92	1012.94	1012.88
	5	1012.94	1012.94	1013.00	1013.08	1013.16	1013.22	1013.25	1013.27	1013.31	1013.35	1013.36	1013.36	1013.18
	6	1013.36	1013.38	1013.42	1013.45	1013.46	1013.47	1013.48	1013.49	1013.50	1013.51	1013.50	1013.48	1013.46
	7	1013.48	1013.49	1013.50	1013.51	1013.53	1013.53	1013.51	1013.52	1013.54	1013.56	1013.59	1013.62	1013.53
	8	1013.63	1013.65	1013.69	1013.74	1013.76	1013.75	1013.76	1013.76	1013.76	1013.75	1013.73	1013.74	1013.73
	9	1013.76	1013.75	1013.76	1013.76	1013.74	1013.74	1013.76	1013.77	1013.77	1013.79	1013.79	1013.78	1013.76
	10	1013.75	1013.69	1013.67	1013.65	1013.57	1013.49	1013.42	1013.37	1013.32	1013.27	1013.23	1013.18	1013.47
	11	1013.14	1013.10	1013.11	1013.14	1013.12	1013.08	1013.04	1013.02	1013.01	1012.99	1012.95	1012.90	1013.05
	12	1012.84	1012.80	1012.77	1012.75	1012.73	1012.68	1012.64	1012.65	1012.67	1012.66	1012.63	1012.61	1012.70
	13	1012.60	1012.58	1012.53	1012.47	1012.45	1012.42	1012.40	1012.39	1012.34	1012.28	1012.26	1012.25	1012.41
	14	1012.25	1012.25	1012.30	1012.37	1012.43	1012.47	1012.50	1012.54	1012.49	1012.41	1012.38	1012.39	1012.40
	15	1012.44	1012.49	1012.49	1012.48	1012.46	1012.44	1012.45	1012.48	1012.53	1012.59	1012.59	1012.62	1012.50
	16	1012.68	1012.70	1012.69	1012.72	1012.77	1012.82	1012.89	1012.93	1012.93	1012.96	1012.96	1012.91	1012.83
	17	1012.91	1012.99	1013.09	1013.19	1013.28	1013.34	1013.42	1013.49	1013.51	1013.49	1013.47	1013.45	1013.30
	18	1013.46	1013.48	1013.51	1013.57	1013.66	1013.73	1013.79	1013.86	1013.88	1013.88	1013.91	1013.96	1013.72
	19	1014.00	1014.01	1014.01	1014.08	1014.17	1014.21	1014.21	1014.23	1014.26	1014.27	1014.28	1014.28	1014.16
	20	1014.25	1014.25	1014.26	1014.28	1014.30	1014.28	1014.28	1014.30	1014.29	1014.25	1014.23	1014.24	1014.27
	21	1014.24	1014.24	1014.26	1014.25	1014.24	1014.23	1014.21	1014.21	1014.24	1014.28	1014.33	1014.40	1014.26
	22	1014.45	1014.47	1014.48	1014.48	1014.48	1014.48	1014.48	1014.46	1014.46	1014.46	1014.46	1014.47	1014.47
	23	1014.45	1014.41	1014.38	1014.36	1014.37	1014.38	1014.39	1014.39	1014.37	1014.36	1014.36	1014.38	1014.38

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
21	0	1014.37	1014.37	1014.38	1014.37	1014.35	1014.36	1014.38	1014.37	1014.34	1014.33	1014.32	1014.30	1014.35
	1	1014.28	1014.25	1014.23	1014.23	1014.25	1014.27	1014.26	1014.24	1014.22	1014.20	1014.17	1014.17	1014.23
	2	1014.17	1014.16	1014.16	1014.17	1014.17	1014.16	1014.14	1014.13	1014.14	1014.13	1014.10	1014.09	1014.14
	3	1014.07	1014.04	1014.03	1014.05	1014.07	1014.07	1014.08	1014.10	1014.13	1014.16	1014.18	1014.20	1014.10
	4	1014.20	1014.21	1014.22	1014.22	1014.25	1014.29	1014.33	1014.37	1014.37	1014.36	1014.38	1014.42	1014.30
	5	1014.43	1014.42	1014.42	1014.46	1014.52	1014.56	1014.58	1014.59	1014.60	1014.62	1014.65	1014.67	1014.54
	6	1014.69	1014.73	1014.75	1014.78	1014.79	1014.77	1014.76	1014.76	1014.76	1014.74	1014.71	1014.68	1014.74
	7	1014.67	1014.64	1014.60	1014.62	1014.65	1014.68	1014.70	1014.72	1014.74	1014.75	1014.75	1014.75	1014.69
	8	1014.76	1014.76	1014.78	1014.79	1014.78	1014.78	1014.79	1014.82	1014.86	1014.87	1014.86	1014.87	1014.81
	9	1014.87	1014.85	1014.84	1014.81	1014.80	1014.79	1014.76	1014.74	1014.73	1014.72	1014.71	1014.70	1014.77
	10	1014.68	1014.66	1014.62	1014.59	1014.55	1014.52	1014.49	1014.44	1014.40	1014.35	1014.29	1014.25	1014.48
	11	1014.23	1014.21	1014.18	1014.15	1014.14	1014.11	1014.10	1014.10	1014.09	1014.06	1014.03	1014.01	1014.12
	12	1014.01	1014.01	1013.99	1013.98	1013.99	1014.01	1014.04	1014.04	1013.99	1013.92	1013.87	1013.82	1013.97
	13	1013.79	1013.78	1013.78	1013.78	1013.79	1013.82	1013.82	1013.81	1013.81	1013.83	1013.86	1013.90	1013.81
	14	1013.86	1013.85	1013.89	1013.89	1013.90	1013.92	1013.93	1013.93	1013.93	1013.93	1013.94	1013.95	1013.91
	15	1013.94	1013.95	1013.98	1014.00	1014.02	1014.03	1014.05	1014.07	1014.07	1014.06	1014.07	1014.09	1014.02
	16	1014.11	1014.14	1014.16	1014.18	1014.21	1014.24	1014.27	1014.30	1014.33	1014.35	1014.37	1014.41	1014.25
	17	1014.46	1014.48	1014.50	1014.51	1014.53	1014.56	1014.55	1014.54	1014.57	1014.62	1014.64	1014.65	1014.55
	18	1014.69	1014.75	1014.81	1014.87	1014.93	1015.01	1015.10	1015.18	1015.26	1015.34	1015.42	1015.48	1015.07
	19	1015.53	1015.60	1015.66	1015.72	1015.79	1015.81	1015.83	1015.87	1015.89	1015.88	1015.87	1015.90	1015.78
	20	1015.92	1015.92	1015.93	1015.97	1016.01	1016.04	1016.04	1016.02	1016.00	1016.00	1016.01	1016.06	1015.99
	21	1016.10	1016.12	1016.16	1016.20	1016.22	1016.23	1016.26	1016.27	1016.26	1016.25	1016.28	1016.33	1016.22
	22	1016.31	1016.29	1016.32	1016.34	1016.40	1016.49	1016.54	1016.57	1016.63	1016.69	1016.71	1016.65	1016.49
	23	1016.59	1016.59	1016.58	1016.57	1016.58	1016.61	1016.63	1016.62	1016.63	1016.66	1016.64	1016.61	1016.61
22	0	1016.58	1016.57	1016.55	1016.52	1016.50	1016.49	1016.50	1016.53	1016.57	1016.58	1016.56	1016.55	1016.54
	1	1016.56	1016.57	1016.57	1016.57	1016.57	1016.58	1016.58	1016.59	1016.61	1016.65	1016.70	1016.72	1016.60
	2	1016.71	1016.72	1016.73	1016.73	1016.72	1016.73	1016.74	1016.73	1016.71	1016.71	1016.73	1016.77	1016.72
	3	1016.82	1016.84	1016.87	1016.91	1016.92	1016.94	1016.96	1016.98	1017.00	1017.00	1017.00	1017.00	1016.93
	4	1017.00	1017.01	1017.04	1017.07	1017.11	1017.14	1017.18	1017.23	1017.30	1017.35	1017.39	1017.44	1017.19
	5	1017.49	1017.56	1017.63	1017.68	1017.73	1017.78	1017.83	1017.86	1017.89	1017.92	1017.95	1017.99	1017.77
	6	1018.03	1018.05	1018.11	1018.16	1018.21	1018.23	1018.24	1018.27	1018.31	1018.33	1018.34	1018.34	1018.22
	7	1018.35	1018.35	1018.36	1018.35	1018.33	1018.33	1018.32	1018.29	1018.28	1018.30	1018.34	1018.38	1018.33
	8	1018.42	1018.44	1018.47	1018.50	1018.55	1018.59	1018.61	1018.63	1018.63	1018.61	1018.61	1018.63	1018.55
	9	1018.66	1018.66	1018.63	1018.64	1018.64	1018.64	1018.64	1018.64	1018.64	1018.62	1018.58	1018.55	1018.63
	10	1018.53	1018.52	1018.51	1018.50	1018.49	1018.48	1018.48	1018.47	1018.45	1018.41	1018.37	1018.36	1018.46
	11	1018.32	1018.32	1018.34	1018.33	1018.31	1018.34	1018.37	1018.36	1018.37	1018.38	1018.37	1018.37	1018.35
	12	1018.36	1018.36	1018.38	1018.40	1018.42	1018.43	1018.44	1018.45	1018.44	1018.45	1018.50	1018.51	1018.43
	13	1018.50	1018.47	1018.43	1018.39	1018.39	1018.39	1018.36	1018.34	1018.33	1018.28	1018.25	1018.22	1018.36
	14	1018.16	1018.11	1018.07	1018.04	1018.02	1018.03	1018.02	1018.01	1018.01	1018.02	1018.04	1018.11	1018.05
	15	1018.18	1018.21	1018.23	1018.26	1018.30	1018.31	1018.31	1018.36	1018.42	1018.45	1018.42	1018.40	1018.32
	16	1018.43	1018.50	1018.53	1018.52	1018.54	1018.58	1018.60	1018.63	1018.65	1018.68	1018.74	1018.82	1018.60
	17	1018.93	1019.00	1018.98	1018.96	1018.99	1019.02	1019.03	1019.05	1019.11	1019.15	1019.17	1019.16	1019.04
	18	1019.15	1019.18	1019.26	1019.33	1019.38	1019.48	1019.56	1019.61	1019.63	1019.64	1019.68	1019.76	1019.47
	19	1019.84	1019.92	1019.96	1019.98	1020.02	1020.09	1020.15	1020.20	1020.25	1020.27	1020.30	1020.31	1020.10
	20	1020.31	1020.33	1020.32	1020.32	1020.33	1020.31	1020.31	1020.35	1020.39	1020.44	1020.44	1020.40	1020.35
	21	1020.37	1020.36	1020.37	1020.39	1020.35	1020.31	1020.32	1020.35	1020.40	1020.43	1020.43	1020.43	1020.37
	22	1020.46	1020.52	1020.54	1020.50	1020.47	1020.51	1020.57	1020.61	1020.64	1020.66	1020.70	1020.73	1020.57
	23	1020.73	1020.73	1020.71	1020.67	1020.62	1020.60	1020.63	1020.68	1020.69	1020.65	1020.60	1020.58	1020.65

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
23	0	1020.55	1020.54	1020.52	1020.52	1020.54	1020.54	1020.54	1020.54	1020.53	1020.51	1020.49	1020.47	1020.52
	1	1020.48	1020.48	1020.51	1020.55	1020.57	1020.58	1020.59	1020.60	1020.64	1020.67	1020.71	1020.73	1020.59
	2	1020.75	1020.76	1020.74	1020.71	1020.71	1020.72	1020.74	1020.74	1020.73	1020.72	1020.69	1020.68	1020.72
	3	1020.68	1020.69	1020.69	1020.68	1020.69	1020.75	1020.78	1020.81	1020.84	1020.84	1020.85	1020.87	1020.76
	4	1020.87	1020.87	1020.88	1020.90	1020.92	1020.94	1020.96	1020.98	1021.00	1021.05	1021.11	1021.16	1020.97
	5	1021.18	1021.19	1021.24	1021.28	1021.31	1021.35	1021.39	1021.43	1021.46	1021.47	1021.45	1021.44	1021.35
	6	1021.46	1021.49	1021.49	1021.44	1021.43	1021.45	1021.46	1021.47	1021.45	1021.42	1021.40	1021.38	1021.44
	7	1021.37	1021.38	1021.40	1021.39	1021.36	1021.38	1021.41	1021.40	1021.40	1021.43	1021.44	1021.46	1021.40
	8	1021.47	1021.46	1021.44	1021.43	1021.42	1021.41	1021.40	1021.37	1021.35	1021.35	1021.34	1021.32	1021.39
	9	1021.32	1021.34	1021.35	1021.30	1021.24	1021.22	1021.16	1021.08	1021.05	1021.04	1021.03	1021.01	1021.18
	10	1020.98	1020.97	1020.97	1020.94	1020.90	1020.88	1020.87	1020.84	1020.81	1020.76	1020.70	1020.67	1020.85
	11	1020.66	1020.65	1020.62	1020.60	1020.55	1020.50	1020.48	1020.45	1020.46	1020.48	1020.45	1020.40	1020.52
	12	1020.38	1020.36	1020.32	1020.29	1020.29	1020.29	1020.28	1020.25	1020.19	1020.13	1020.08	1020.06	1020.24
	13	1020.05	1020.04	1020.02	1020.00	1019.96	1019.87	1019.79	1019.74	1019.71	1019.71	1019.69	1019.66	1019.85
	14	1019.62	1019.61	1019.62	1019.62	1019.59	1019.56	1019.54	1019.52	1019.50	1019.46	1019.42	1019.38	1019.53
	15	1019.36	1019.35	1019.31	1019.25	1019.23	1019.23	1019.22	1019.21	1019.18	1019.19	1019.20	1019.18	1019.24
	16	1019.14	1019.12	1019.10	1019.11	1019.11	1019.09	1019.09	1019.09	1019.07	1019.07	1019.05	1019.02	1019.09
	17	1019.01	1019.01	1018.99	1018.96	1018.99	1019.03	1019.03	1019.03	1019.02	1019.01	1019.00	1019.01	1019.00
	18	1019.05	1019.10	1019.11	1019.11	1019.13	1019.17	1019.21	1019.25	1019.30	1019.36	1019.42	1019.48	1019.22
	19	1019.49	1019.49	1019.51	1019.53	1019.56	1019.59	1019.60	1019.64	1019.67	1019.66	1019.66	1019.69	1019.59
	20	1019.72	1019.75	1019.78	1019.80	1019.78	1019.72	1019.67	1019.68	1019.70	1019.70	1019.71	1019.73	1019.73
	21	1019.71	1019.67	1019.69	1019.72	1019.74	1019.73	1019.75	1019.78	1019.81	1019.84	1019.85	1019.84	1019.76
	22	1019.82	1019.83	1019.86	1019.87	1019.88	1019.88	1019.88	1019.89	1019.91	1019.94	1019.94	1019.92	1019.88
	23	1019.89	1019.86	1019.84	1019.85	1019.85	1019.80	1019.71	1019.64	1019.60	1019.53	1019.46	1019.42	1019.70
24	0	1019.37	1019.36	1019.34	1019.32	1019.30	1019.30	1019.34	1019.39	1019.41	1019.40	1019.39	1019.38	1019.36
	1	1019.40	1019.41	1019.38	1019.38	1019.37	1019.33	1019.29	1019.26	1019.23	1019.21	1019.19	1019.18	1019.30
	2	1019.19	1019.22	1019.21	1019.16	1019.15	1019.17	1019.19	1019.18	1019.14	1019.11	1019.10	1019.07	1019.15
	3	1019.04	1019.04	1019.00	1018.94	1018.92	1018.93	1018.93	1018.92	1018.88	1018.84	1018.82	1018.76	1018.92
	4	1018.74	1018.78	1018.82	1018.85	1018.89	1018.94	1018.97	1018.97	1018.96	1018.96	1019.00	1019.02	1018.91
	5	1019.01	1019.00	1018.98	1018.98	1018.99	1019.02	1019.08	1019.07	1019.04	1019.02	1019.01	1019.01	1019.01
	6	1018.99	1018.95	1018.94	1018.96	1018.96	1018.93	1018.92	1018.92	1018.92	1018.91	1018.89	1018.87	1018.93
	7	1018.87	1018.89	1018.87	1018.82	1018.78	1018.77	1018.75	1018.71	1018.68	1018.69	1018.69	1018.66	1018.76
	8	1018.63	1018.58	1018.53	1018.50	1018.47	1018.42	1018.37	1018.33	1018.30	1018.26	1018.20	1018.17	1018.39
	9	1018.15	1018.09	1018.03	1017.97	1017.90	1017.84	1017.82	1017.79	1017.74	1017.70	1017.63	1017.55	1017.85
	10	1017.44	1017.36	1017.35	1017.30	1017.25	1017.20	1017.16	1017.14	1017.08	1017.01	1016.93	1016.91	1017.18
	11	1016.90	1016.86	1016.85	1016.86	1016.83	1016.78	1016.72	1016.67	1016.64	1016.63	1016.60	1016.54	1016.74
	12	1016.49	1016.45	1016.43	1016.43	1016.41	1016.38	1016.37	1016.37	1016.36	1016.34	1016.31	1016.24	1016.38
	13	1016.17	1016.15	1016.09	1016.01	1015.97	1015.91	1015.86	1015.82	1015.79	1015.78	1015.78	1015.77	1015.92
	14	1015.74	1015.71	1015.71	1015.76	1015.77	1015.71	1015.65	1015.64	1015.66	1015.66	1015.60	1015.57	1015.68
	15	1015.58	1015.56	1015.58	1015.67	1015.74	1015.79	1015.78	1015.72	1015.67	1015.64	1015.64	1015.65	1015.67
	16	1015.65	1015.66	1015.70	1015.74	1015.75	1015.74	1015.73	1015.70	1015.64	1015.59	1015.54	1015.51	1015.66
	17	1015.52	1015.58	1015.62	1015.62	1015.61	1015.59	1015.58	1015.59	1015.58	1015.54	1015.55	1015.59	1015.58
	18	1015.61	1015.63	1015.67	1015.70	1015.74	1015.81	1015.83	1015.80	1015.77	1015.75	1015.79	1015.83	1015.74
	19	1015.81	1015.82	1015.83	1015.80	1015.75	1015.70	1015.64	1015.61	1015.64	1015.64	1015.59	1015.53	1015.69
	20	1015.48	1015.44	1015.40	1015.38	1015.32	1015.24	1015.21	1015.20	1015.24	1015.28	1015.25	1015.16	1015.30
	21	1015.08	1015.03	1014.95	1014.89	1014.87	1014.85	1014.84	1014.84	1014.84	1014.80	1014.76	1014.77	1014.88
	22	1014.82	1014.87	1014.86	1014.82	1014.80	1014.79	1014.76	1014.72	1014.69	1014.68	1014.67	1014.61	1014.75
	23	1014.56	1014.53	1014.48	1014.39	1014.30	1014.27	1014.26	1014.21	1014.14	1014.11	1014.09	1014.07	1014.28

S.V.I.R.CO. Observatory - Pressure in hectoPascal - April 2007

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	1014.04	1014.05	1014.04	1014.02	1013.97	1013.91	1013.88	1013.86	1013.80	1013.73	1013.72	1013.74	1013.89
	1	1013.77	1013.74	1013.71	1013.70	1013.65	1013.58	1013.52	1013.51	1013.52	1013.52	1013.49	1013.43	1013.59
	2	1013.43	1013.46	1013.45	1013.42	1013.33	1013.29	1013.34	1013.36	1013.32	1013.26	1013.21	1013.21	1013.34
	3	1013.25	1013.30	1013.29	1013.23	1013.20	1013.18	1013.16	1013.14	1013.16	1013.20	1013.22	1013.21	1013.21
	4	1013.18	1013.19	1013.27	1013.29	1013.26	1013.27	1013.27	1013.25	1013.25	1013.34	1013.42	1013.41	1013.28
	5	1013.41	1013.40	1013.36	1013.34	1013.33	1013.34	1013.34	1013.29	1013.26	1013.23	1013.22	1013.23	1013.31
	6	1013.25	1013.25	1013.23	1013.24	1013.23	1013.19	1013.20	1013.21	1013.22	1013.22	1013.21	1013.19	1013.22
	7	1013.16	1013.16	1013.14	1013.09	1013.05	1013.03	1013.04	1013.03	1013.04	1013.08	1013.09	1013.08	1013.08
	8	1013.07	1013.05	1013.03	1013.01	1013.02	1013.02	1012.98	1012.94	1012.95	1012.94	1012.88	1012.82	1012.97
	9	1012.78	1012.80	1012.79	1012.74	1012.72	1012.70	1012.68	1012.61	1012.52	1012.45	1012.41	1012.36	1012.63
	10	1012.31	1012.27	1012.24	1012.22	1012.20	1012.19	1012.15	1012.09	1012.04	1012.01	1011.99	1011.97	1012.14
	11	1011.93	1011.89	1011.85	1011.77	1011.72	1011.71	1011.69	1011.64	1011.58	1011.52	1011.51	1011.50	1011.69
	12	1011.47	1011.43	1011.39	1011.36	1011.30	1011.25	1011.23	1011.21	1011.21	1011.24	1011.27	1011.28	1011.30
	13	1011.27	1011.22	1011.14	1011.14	1011.18	1011.20	1011.23	1011.19	1011.11	1011.04	1010.97	1010.91	1011.13
	14	1010.83	1010.76	1010.73	1010.66	1010.59	1010.59	1010.54	1010.43	1010.39	1010.38	1010.37	1010.36	1010.55
	15	1010.36	1010.36	1010.36	1010.37	1010.42	1010.48	1010.58	1010.73	1010.97	1011.26	1011.54	1011.76	1010.76
	16	1011.94	1012.06	1012.03	1011.88	1011.71	1011.55	1011.40	1011.33	1011.31	1011.28	1011.09	1010.71	1011.52
	17	1010.44	1010.35	1010.35	1010.41	1010.47	1010.66	1010.95	1011.12	1011.20	1011.31	1011.41	1011.49	1010.85
	18	1011.57	1011.62	1011.66	1011.65	1011.67	1011.73	1011.73	1011.76	1011.82	1011.87	1011.92	1011.98	1011.75
	19	1012.05	1012.15	1012.20	1012.22	1012.24	1012.24	1012.24	1012.26	1012.26	1012.27	1012.26	1012.24	1012.22
	20	1012.21	1012.17	1012.16	1012.19	1012.21	1012.19	1012.16	1012.17	1012.22	1012.27	1012.32	1012.37	1012.22
	21	1012.41	1012.41	1012.38	1012.38	1012.44	1012.52	1012.55	1012.55	1012.56	1012.56	1012.57	1012.60	1012.49
	22	1012.65	1012.72	1012.79	1012.83	1012.83	1012.84	1012.85	1012.85	1012.84	1012.78	1012.70	1012.69	1012.78
	23	1012.73	1012.75	1012.74	1012.72	1012.74	1012.78	1012.82	1012.80	1012.76	1012.75	1012.78	1012.77	1012.76
26	0	1012.67	1012.65	1012.62	1012.60	1012.60	1012.62	1012.60	1012.57	1012.54	1012.50	1012.43	1012.34	1012.56
	1	1012.26	1012.24	1012.29	1012.37	1012.42	1012.49	1012.56	1012.59	1012.57	1012.52	1012.53	1012.58	1012.45
	2	1012.63	1012.69	1012.73	1012.74	1012.74	1012.75	1012.71	1012.65	1012.62	1012.58	1012.57	1012.58	1012.67
	3	1012.57	1012.57	1012.55	1012.48	1012.35	1012.22	1012.16	1012.10	1012.02	1011.96	1011.99	1012.10	1012.26
	4	1012.24	1012.32	1012.39	1012.46	1012.52	1012.57	1012.59	1012.60	1012.63	1012.69	1012.73	1012.74	1012.54
	5	1012.78	1012.85	1012.91	1012.94	1012.97	1013.02	1013.04	1013.08	1013.13	1013.16	1013.19	1013.23	1013.02
	6	1013.25	1013.27	1013.28	1013.30	1013.30	1013.28	1013.27	1013.26	1013.27	1013.26	1013.25	1013.27	1013.27
	7	1013.32	1013.35	1013.38	1013.40	1013.40	1013.38	1013.36	1013.33	1013.33	1013.36	1013.41	1013.44	1013.37
	8	1013.47	1013.51	1013.53	1013.52	1013.51	1013.52	1013.53	1013.55	1013.60	1013.65	1013.67	1013.68	1013.56
	9	1013.68	1013.65	1013.63	1013.61	1013.61	1013.64	1013.68	1013.68	1013.67	1013.69	1013.73	1013.78	1013.67
	10	1013.80	1013.80	1013.85	1013.93	1014.09	1014.21	1014.26	1014.29	1014.29	1014.29	1014.32	1014.31	1014.12
	11	1014.28	1014.25	1014.23	1014.19	1014.16	1014.21	1014.29	1014.32	1014.29	1014.27	1014.27	1014.28	1014.25
	12	1014.31	1014.35	1014.38	1014.42	1014.53	1014.64	1014.70	1014.74	1014.74	1014.71	1014.68	1014.66	1014.57
	13	1014.67	1014.70	1014.70	1014.67	1014.60	1014.54	1014.51	1014.50	1014.49	1014.48	1014.45	1014.43	1014.56
	14	1014.40	1014.40	1014.42	1014.45	1014.48	1014.48	1014.49	1014.52	1014.55	1014.63	1014.73	1014.79	1014.53
	15	1014.80	1014.79	1014.80	1014.81	1014.80	1014.76	1014.76	1014.81	1014.87	1014.91	1014.94	1014.98	1014.84
	16	1015.02	1015.06	1015.06	1015.08	1015.12	1015.17	1015.20	1015.21	1015.22	1015.23	1015.26	1015.28	1015.16
	17	1015.31	1015.32	1015.33	1015.38	1015.40	1015.40	1015.46	1015.55	1015.64	1015.74	1015.84	1015.90	1015.52
	18	1015.90	1015.92	1016.01	1016.13	1016.21	1016.27	1016.35	1016.40	1016.43	1016.46	1016.47	1016.49	1016.25
	19	1016.54	1016.59	1016.64	1016.66	1016.66	1016.70	1016.75	1016.76	1016.77	1016.81	1016.86	1016.88	1016.72
	20	1016.88	1016.89	1016.89	1016.85	1016.80	1016.80	1016.80	1016.77	1016.74	1016.76	1016.79	1016.81	1016.82
	21	1016.86	1016.90	1016.92	1016.94	1016.98	1017.03	1017.06	1017.06	1017.08	1017.09	1017.12	1017.16	1017.02
	22	1017.22	1017.25	1017.25	1017.25	1017.26	1017.26	1017.27	1017.28	1017.30	1017.29	1017.26	1017.24	1017.26
	23	1017.24	1017.25	1017.27	1017.29	1017.29	1017.27	1017.26	1017.28	1017.29	1017.26	1017.23	1017.22	1017.26

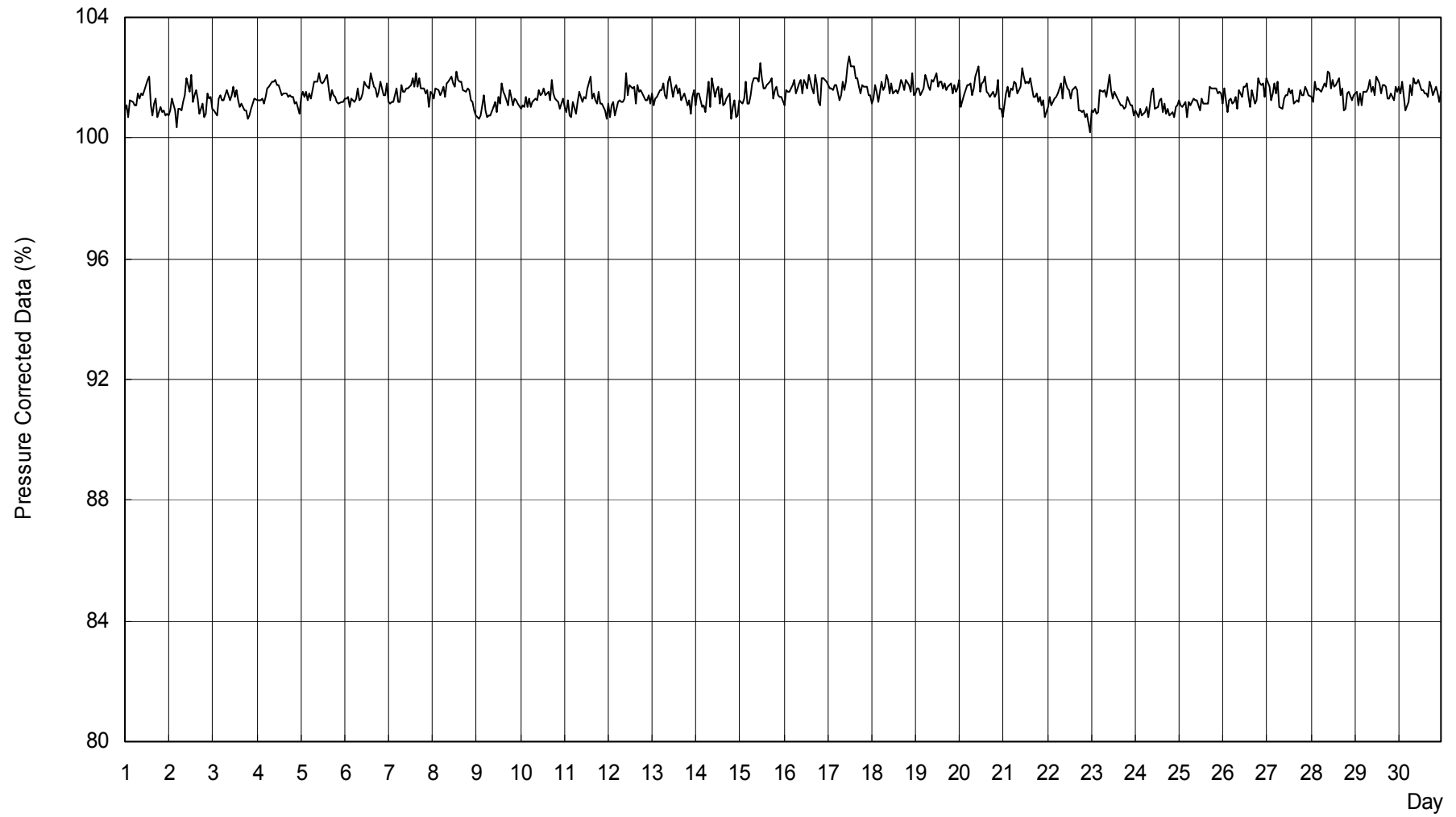
S.V.I.R.CO. Observatory - Pressure in hectoPascal - April 2007

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
27	0	1017.27	1017.29	1017.28	1017.24	1017.19	1017.14	1017.12	1017.07	1017.04	1017.04	1017.02	1017.04	1017.14
	1	1017.02	1017.01	1017.02	1017.00	1016.98	1016.99	1017.02	1017.09	1017.17	1017.21	1017.22	1017.21	1017.08
	2	1017.25	1017.26	1017.25	1017.25	1017.23	1017.22	1017.21	1017.21	1017.19	1017.17	1017.16	1017.17	1017.21
	3	1017.14	1017.11	1017.11	1017.12	1017.13	1017.19	1017.25	1017.27	1017.29	1017.34	1017.40	1017.43	1017.23
	4	1017.41	1017.43	1017.50	1017.56	1017.59	1017.63	1017.66	1017.66	1017.68	1017.73	1017.73	1017.73	1017.61
	5	1017.74	1017.73	1017.70	1017.67	1017.67	1017.72	1017.78	1017.79	1017.85	1017.92	1017.97	1018.04	1017.80
	6	1018.07	1018.09	1018.10	1018.16	1018.23	1018.24	1018.25	1018.27	1018.30	1018.32	1018.34	1018.39	1018.23
	7	1018.44	1018.45	1018.44	1018.44	1018.46	1018.50	1018.53	1018.54	1018.51	1018.49	1018.49	1018.50	1018.48
	8	1018.50	1018.49	1018.50	1018.53	1018.55	1018.57	1018.58	1018.58	1018.57	1018.54	1018.53	1018.51	1018.54
	9	1018.49	1018.48	1018.50	1018.50	1018.48	1018.48	1018.49	1018.47	1018.46	1018.47	1018.46	1018.45	1018.48
	10	1018.46	1018.46	1018.44	1018.42	1018.37	1018.32	1018.30	1018.28	1018.26	1018.23	1018.20	1018.18	1018.32
	11	1018.14	1018.10	1018.06	1018.06	1018.07	1018.04	1017.99	1017.94	1017.92	1017.92	1017.95	1017.98	1018.01
	12	1018.00	1017.98	1017.95	1017.94	1017.93	1017.88	1017.84	1017.84	1017.87	1017.88	1017.83	1017.77	1017.89
	13	1017.79	1017.82	1017.77	1017.70	1017.69	1017.66	1017.67	1017.72	1017.80	1017.87	1017.91	1017.94	1017.78
	14	1017.90	1017.86	1017.81	1017.74	1017.69	1017.66	1017.62	1017.60	1017.65	1017.65	1017.59	1017.57	1017.69
	15	1017.58	1017.53	1017.51	1017.57	1017.64	1017.75	1017.85	1017.88	1017.94	1018.05	1018.11	1018.09	1017.79
	16	1018.08	1018.07	1018.07	1018.07	1018.02	1017.97	1017.98	1018.00	1017.99	1017.96	1017.96	1017.96	1018.01
	17	1017.91	1017.81	1017.77	1017.75	1017.75	1017.77	1017.79	1017.81	1017.85	1017.92	1017.99	1018.06	1017.85
	18	1018.11	1018.19	1018.25	1018.26	1018.28	1018.31	1018.35	1018.36	1018.39	1018.48	1018.57	1018.60	1018.34
	19	1018.61	1018.62	1018.65	1018.68	1018.74	1018.75	1018.70	1018.68	1018.69	1018.67	1018.69	1018.75	1018.68
	20	1018.81	1018.83	1018.83	1018.85	1018.86	1018.88	1018.94	1018.97	1018.99	1019.02	1019.07	1019.12	1018.93
	21	1019.18	1019.21	1019.25	1019.31	1019.36	1019.41	1019.45	1019.47	1019.49	1019.54	1019.58	1019.60	1019.40
	22	1019.60	1019.59	1019.62	1019.66	1019.67	1019.66	1019.65	1019.63	1019.64	1019.64	1019.63	1019.67	1019.64
	23	1019.68	1019.65	1019.59	1019.57	1019.59	1019.59	1019.57	1019.56	1019.54	1019.50	1019.49	1019.50	1019.57
28	0	1019.50	1019.51	1019.50	1019.47	1019.47	1019.48	1019.49	1019.52	1019.52	1019.50	1019.51	1019.49	1019.49
	1	1019.47	1019.49	1019.46	1019.43	1019.45	1019.43	1019.41	1019.43	1019.42	1019.40	1019.41	1019.41	1019.43
	2	1019.40	1019.39	1019.38	1019.37	1019.34	1019.33	1019.35	1019.35	1019.34	1019.35	1019.35	1019.39	1019.36
	3	1019.40	1019.37	1019.33	1019.31	1019.28	1019.27	1019.24	1019.20	1019.17	1019.16	1019.16	1019.16	1019.25
	4	1019.17	1019.22	1019.24	1019.26	1019.29	1019.31	1019.33	1019.33	1019.34	1019.35	1019.40	1019.47	1019.31
	5	1019.51	1019.51	1019.52	1019.57	1019.60	1019.61	1019.63	1019.66	1019.70	1019.75	1019.77	1019.78	1019.63
	6	1019.79	1019.78	1019.74	1019.71	1019.71	1019.70	1019.66	1019.61	1019.59	1019.60	1019.62	1019.62	1019.67
	7	1019.61	1019.62	1019.63	1019.62	1019.61	1019.62	1019.65	1019.64	1019.60	1019.56	1019.52	1019.51	1019.60
	8	1019.53	1019.50	1019.47	1019.46	1019.46	1019.48	1019.49	1019.50	1019.50	1019.48	1019.46	1019.46	1019.48
	9	1019.46	1019.47	1019.50	1019.51	1019.49	1019.50	1019.51	1019.49	1019.45	1019.41	1019.40	1019.40	1019.46
	10	1019.42	1019.42	1019.39	1019.37	1019.31	1019.27	1019.28	1019.29	1019.28	1019.26	1019.23	1019.24	1019.31
	11	1019.25	1019.25	1019.27	1019.31	1019.33	1019.30	1019.30	1019.27	1019.25	1019.24	1019.22	1019.20	1019.26
	12	1019.17	1019.13	1019.11	1019.13	1019.09	1019.03	1018.97	1018.92	1018.90	1018.84	1018.79	1018.77	1018.98
	13	1018.70	1018.62	1018.61	1018.60	1018.60	1018.58	1018.53	1018.49	1018.42	1018.39	1018.40	1018.37	1018.52
	14	1018.29	1018.18	1018.09	1018.04	1018.06	1018.10	1018.18	1018.27	1018.32	1018.33	1018.31	1018.26	1018.20
	15	1018.23	1018.20	1018.15	1018.07	1018.03	1018.02	1018.05	1018.10	1018.12	1018.13	1018.13	1018.18	1018.11
	16	1018.23	1018.24	1018.22	1018.19	1018.13	1018.08	1018.04	1017.98	1017.93	1017.89	1017.82	1017.72	1018.04
	17	1017.64	1017.58	1017.48	1017.39	1017.41	1017.49	1017.52	1017.57	1017.64	1017.73	1017.82	1017.89	1017.59
	18	1017.93	1017.95	1017.98	1018.03	1018.07	1018.06	1018.07	1018.11	1018.14	1018.17	1018.20	1018.23	1018.08
	19	1018.28	1018.34	1018.36	1018.37	1018.39	1018.41	1018.46	1018.48	1018.46	1018.46	1018.46	1018.45	1018.41
	20	1018.45	1018.44	1018.46	1018.50	1018.54	1018.60	1018.64	1018.64	1018.62	1018.61	1018.61	1018.59	1018.56
	21	1018.56	1018.54	1018.53	1018.54	1018.54	1018.51	1018.52	1018.53	1018.54	1018.57	1018.61	1018.63	1018.55
	22	1018.61	1018.57	1018.54	1018.51	1018.50	1018.51	1018.57	1018.63	1018.64	1018.61	1018.59	1018.57	1018.57
	23	1018.56	1018.57	1018.56	1018.50	1018.44	1018.40	1018.32	1018.22	1018.16	1018.12	1018.05	1018.00	1018.32

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1017.95	1017.92	1017.84	1017.73	1017.64	1017.60	1017.55	1017.49	1017.43	1017.38	1017.31	1017.23	1017.57
	1	1017.20	1017.18	1017.14	1017.09	1017.02	1016.92	1016.87	1016.89	1016.88	1016.85	1016.84	1016.80	1016.97
	2	1016.75	1016.69	1016.63	1016.55	1016.45	1016.38	1016.35	1016.34	1016.30	1016.26	1016.23	1016.22	1016.43
	3	1016.18	1016.14	1016.13	1016.15	1016.20	1016.27	1016.32	1016.33	1016.31	1016.33	1016.39	1016.45	1016.26
	4	1016.47	1016.47	1016.50	1016.53	1016.55	1016.57	1016.58	1016.60	1016.63	1016.64	1016.64	1016.63	1016.57
	5	1016.62	1016.62	1016.62	1016.64	1016.68	1016.70	1016.71	1016.74	1016.78	1016.80	1016.81	1016.85	1016.71
	6	1016.87	1016.85	1016.87	1016.92	1016.95	1016.96	1016.98	1017.00	1016.99	1016.99	1017.02	1017.05	1016.95
	7	1017.06	1017.05	1017.05	1017.04	1017.03	1017.01	1017.00	1017.00	1016.99	1016.95	1016.88	1016.83	1016.99
	8	1016.78	1016.71	1016.68	1016.64	1016.55	1016.50	1016.48	1016.43	1016.37	1016.32	1016.29	1016.23	1016.49
	9	1016.18	1016.21	1016.22	1016.18	1016.14	1016.10	1016.08	1016.05	1015.98	1015.92	1015.90	1015.83	1016.06
	10	1015.72	1015.67	1015.61	1015.54	1015.48	1015.45	1015.44	1015.41	1015.35	1015.27	1015.22	1015.16	1015.44
	11	1015.09	1015.06	1015.05	1015.04	1015.00	1014.93	1014.90	1014.88	1014.80	1014.74	1014.68	1014.61	1014.90
	12	1014.58	1014.59	1014.57	1014.52	1014.50	1014.50	1014.44	1014.42	1014.40	1014.33	1014.28	1014.23	1014.44
	13	1014.21	1014.19	1014.11	1014.02	1013.98	1013.97	1013.94	1013.87	1013.79	1013.76	1013.71	1013.66	1013.93
	14	1013.64	1013.65	1013.68	1013.64	1013.60	1013.58	1013.57	1013.57	1013.54	1013.50	1013.47	1013.44	1013.57
	15	1013.42	1013.38	1013.31	1013.27	1013.27	1013.26	1013.26	1013.24	1013.23	1013.21	1013.20	1013.20	1013.27
	16	1013.18	1013.16	1013.14	1013.09	1013.07	1013.05	1013.03	1012.99	1012.96	1012.92	1012.87	1012.86	1013.03
	17	1012.87	1012.87	1012.88	1012.89	1012.88	1012.88	1012.92	1012.91	1012.85	1012.81	1012.78	1012.76	1012.86
	18	1012.75	1012.74	1012.73	1012.73	1012.74	1012.76	1012.79	1012.80	1012.80	1012.81	1012.82	1012.82	1012.77
	19	1012.80	1012.79	1012.81	1012.84	1012.84	1012.84	1012.85	1012.83	1012.84	1012.86	1012.85	1012.85	1012.83
	20	1012.85	1012.82	1012.78	1012.75	1012.73	1012.71	1012.71	1012.72	1012.74	1012.75	1012.73	1012.69	1012.75
	21	1012.64	1012.58	1012.54	1012.52	1012.48	1012.41	1012.38	1012.39	1012.40	1012.41	1012.42	1012.40	1012.46
	22	1012.40	1012.40	1012.41	1012.44	1012.47	1012.48	1012.48	1012.45	1012.41	1012.36	1012.34	1012.33	1012.41
	23	1012.31	1012.29	1012.28	1012.25	1012.21	1012.16	1012.09	1012.03	1011.95	1011.88	1011.81	1011.77	1012.08
30	0	1011.76	1011.75	1011.70	1011.64	1011.60	1011.54	1011.47	1011.42	1011.37	1011.33	1011.29	1011.23	1011.50
	1	1011.14	1011.06	1011.00	1010.96	1010.90	1010.82	1010.76	1010.72	1010.67	1010.62	1010.56	1010.50	1010.81
	2	1010.47	1010.44	1010.41	1010.41	1010.41	1010.38	1010.35	1010.29	1010.21	1010.16	1010.12	1010.07	1010.31
	3	1010.04	1010.01	1009.99	1009.96	1009.93	1009.91	1009.88	1009.83	1009.79	1009.77	1009.75	1009.73	1009.88
	4	1009.69	1009.66	1009.63	1009.64	1009.68	1009.71	1009.71	1009.72	1009.72	1009.73	1009.77	1009.80	1009.70
	5	1009.81	1009.83	1009.86	1009.86	1009.84	1009.82	1009.81	1009.80	1009.80	1009.81	1009.80	1009.77	1009.82
	6	1009.76	1009.77	1009.76	1009.74	1009.72	1009.66	1009.62	1009.59	1009.52	1009.46	1009.47	1009.48	1009.63
	7	1009.41	1009.36	1009.36	1009.34	1009.33	1009.36	1009.44	1009.53	1009.57	1009.61	1009.66	1009.70	1009.47
	8	1009.75	1009.79	1009.79	1009.79	1009.84	1009.88	1009.91	1009.94	1010.00	1010.01	1009.96	1009.96	1009.88
	9	1009.95	1009.89	1009.86	1009.84	1009.78	1009.70	1009.65	1009.60	1009.53	1009.46	1009.41	1009.39	1009.67
	10	1009.38	1009.40	1009.42	1009.42	1009.38	1009.25	1009.13	1009.04	1008.98	1008.96	1008.91	1008.88	1009.18
	11	1008.86	1008.81	1008.74	1008.70	1008.69	1008.68	1008.66	1008.61	1008.55	1008.54	1008.57	1008.57	1008.66
	12	1008.58	1008.61	1008.58	1008.51	1008.48	1008.48	1008.47	1008.44	1008.40	1008.34	1008.27	1008.19	1008.44
	13	1008.10	1008.03	1007.95	1007.86	1007.77	1007.72	1007.70	1007.68	1007.62	1007.53	1007.48	1007.47	1007.74
	14	1007.47	1007.49	1007.47	1007.42	1007.42	1007.45	1007.47	1007.47	1007.47	1007.44	1007.37	1007.30	1007.43
	15	1007.23	1007.19	1007.18	1007.13	1007.08	1007.11	1007.13	1007.12	1007.10	1007.05	1006.98	1006.91	1007.10
	16	1006.93	1006.98	1007.00	1007.03	1007.08	1007.10	1007.07	1007.00	1006.95	1006.95	1006.95	1006.91	1006.99
	17	1006.89	1006.88	1006.91	1006.93	1006.94	1006.97	1007.01	1007.05	1007.09	1007.12	1007.15	1007.20	1007.01
	18	1007.28	1007.35	1007.38	1007.41	1007.45	1007.46	1007.44	1007.44	1007.44	1007.44	1007.46	1007.52	1007.42
	19	1007.58	1007.60	1007.61	1007.66	1007.73	1007.79	1007.84	1007.90	1007.92	1007.94	1007.99	1008.05	1007.80
	20	1008.10	1008.08	1008.05	1008.07	1008.08	1008.08	1008.07	1008.06	1008.03	1007.99	1007.95	1007.95	1008.04
	21	1008.03	1008.11	1008.13	1008.14	1008.18	1008.22	1008.27	1008.31	1008.34	1008.35	1008.32	1008.33	1008.23
	22	1008.35	1008.38	1008.45	1008.50	1008.46	1008.44	1008.46	1008.45	1008.45	1008.47	1008.48	1008.46	1008.44
	23	1008.43	1008.41	1008.38	1008.35	1008.33	1008.30	1008.28	1008.26	1008.23	1008.22	1008.22	1008.24	1008.30

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