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SVIRCO Prompt Report: October 2009

Fabrizio Signoretti 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: October 2009

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in October 2009 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:

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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 – October 2009											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	46824	47105	47078	47467	46963	46951	47087	47294	48036	47241	47723	47161	102.731
	1	47650	47212	47956	47141	47515	47220	47576	47420	47675	47491	47253	47938	103.301
	2	47864	47665	47500	47595	47359	47316	48234	46520	47231	47303	47784	47326	103.237
	3	47472	48088	47400	47631	47905	47337	47400	47042	47751	47535	47706	47877	103.499
	4	47900	47237	46828	47218	47578	47661	47915	47340	48070	47337	47923	47912	103.459
	5	47453	47196	47412	47680	47820	47288	47939	47524	47515	47585	48020	47342	103.432
	6	47399	47924	47576	47480	47082	47716	47686	48393	47976	47609	47841	47152	103.624
	7	47665	47579	46953	48794	47868	47095	47426	48002	47275	47752	47404	47329	103.499
	8	47353	47942	47447	47396	47892	48007	47485	47678	47452	47298	47643	47305	103.455
	9	47810	47611	47526	47470	47969	47869	47523	48022	47443	47467	47187	47541	103.552
	10	47575	47508	46764	47574	47846	47704	47648	47917	47109	47398	47487	47491	103.296
	11	47700	47181	48248	47622	47593	47859	47945	47344	47447	47622	47257	47597	103.549
	12	47510	47552	47083	47367	47433	47992	47733	47252	47452	47479	47794	47244	103.272
	13	47478	47995	47952	47572	47598	47915	47587	46483	46869	47276	47809	46994	103.207
	14	47646	47964	46920	47271	47160	46560	47656	46886	47522	47271	47131	47011	102.748
	15	47132	46981	47082	47337	47908	47591	47290	47823	48101	47589	47263	46972	103.124
	16	46958	46860	47388	47380	47421	47532	47525	47186	47550	47501	47050	47265	102.860
	17	46961	46691	47399	47727	46977	47405	47831	47561	47329	47386	47678	46876	102.897
	18	47434	47649	47134	47006	47709	47485	46805	48240	46868	47391	47481	47060	102.977
	19	46913	47451	47549	47408	48038	47431	47720	47210	46560	47146	47750	47374	103.029
	20	47673	47323	47625	46950	47617	47261	46996	47331	47441	47248	47411	47380	102.976
	21	47037	46983	47743	47106	47382	47230	47272	47147	46608	48067	47754	47561	102.910
	22	47236	47458	47598	47069	47761	47283	47389	47258	47567	46687	47237	46686	102.790
	23	46831	47231	47315	47047	47577	47310	47249	47060	47420	47094	47591	47243	102.742
2	0	47924	46885	46845	46844	47808	47908	46913	47431	47683	48000	47335	47224	103.068
	1	47662	47191	47599	47464	47740	47091	47530	47388	47502	47383	47813	47547	103.276
	2	47638	47426	47004	47845	46959	47554	47812	47373	48308	47436	48073	46479	103.276
	3	47251	47816	47390	47489	47527	47220	47339	47763	47979	47010	47888	47406	103.306
	4	47321	47185	47830	47525	47296	47299	47307	47584	47427	48280	47260	47635	103.283
	5	47521	47169	47416	47492	47534	47449	47238	47814	47487	47659	47248	46896	103.097
	6	47090	47426	47181	47881	47466	47867	47499	46985	46932	46996	48010	47250	103.035
	7	47518	47256	48109	47793	47872	47904	47624	47631	47462	47571	47677	46578	103.473
	8	47311	47444	47066	47489	47225	47514	47273	47307	47138	47012	47428	47502	102.877
	9	47049	47316	47784	47471	47860	47151	47523	47230	47995	47087	47818	47558	103.263
	10	47507	48014	47339	47693	47394	47141	47028	47284	47276	47899	47698	47272	103.209
	11	47859	47479	47395	47741	46946	47853	47404	47276	47566	47794	47836	47646	103.436
	12	47669	47019	47570	47772	47379	47388	47432	47783	47103	47635	47127	47656	103.207
	13	47738	47813	47869	47270	47200	47458	47422	48201	47290	47190	47334	46992	103.251
	14	47244	47509	47922	47697	47765	47566	47280	47750	46982	47623	47690	47253	103.343
	15	46680	47657	47547	46706	47526	47021	47762	48371	47360	47655	47762	47548	103.218
	16	47010	47953	47137	47727	47149	48015	47288	47188	47805	47214	47446	47654	103.217
	17	47254	47371	47357	47683	47293	47754	47893	47001	48341	47364	47029	47434	103.252
	18	46980	47616	47099	47844	47055	47548	46784	47764	47448	47513	46893	46674	102.788
	19	48096	47139	47827	47584	47635	47249	47478	47724	47359	47546	48198	47505	103.535
	20	47246	47729	47992	47535	47231	47672	46809	47587	47748	46459	47525	47151	103.054
	21	47452	47877	47121	46910	46962	47539	47156	47355	47373	47367	48052	47106	102.979
	22	47411	47149	46852	47581	47271	47513	47293	47103	47731	47649	47492	46874	102.915
	23	47073	47563	47710	47289	48077	47178	47654	47463	46982	47114	47492	46809	103.003

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2009											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	47137	47823	47468	47613	47324	47200	47593	46733	46963	47711	47631	47896	103.128
	1	46851	47208	47370	47689	47793	47534	47352	47112	47183	48033	47307	47734	103.141
	2	47848	47360	47397	47279	47681	47732	47885	47913	47299	47355	47213	48042	103.474
	3	47373	47296	48054	47562	47392	47277	48013	47575	47597	47879	47512	47803	103.534
	4	47740	47738	47390	47874	47233	47688	46981	47761	47399	47374	47026	47685	103.272
	5	47248	47597	47188	47693	48256	47602	45993	47135	47296	47670	47573	47690	103.100
	6	47320	47120	47287	47477	47552	47521	47897	47155	47671	47545	47351	47330	103.152
	7	47845	47744	47398	47497	47376	48034	47716	47914	48008	46942	47983	47394	103.628
	8	47472	47329	47748	47183	47876	47680	47155	47538	46889	47774	47112	46935	103.055
	9	47445	47559	47650	47998	47607	47937	47257	48143	47776	47333	47435	47897	103.661
	10	47271	47790	47077	47622	47685	48052	47800	47428	48111	47345	47521	47802	103.564
	11	47936	47299	47475	48309	47120	47368	47830	47889	47379	47366	47862	47341	103.505
	12	47604	47795	47483	47820	47638	47503	47103	47344	47173	46957	47324	47271	103.114
	13	47608	47428	47560	47545	48101	47701	47815	47377	48149	46938	47849	47546	103.585
	14	47657	47836	46928	47062	46715	46984	47363	47923	47458	47402	47330	47736	103.001
	15	48045	47783	47350	47830	47174	47711	47293	47335	47951	47417	47325	47864	103.488
	16	47676	47693	47942	47662	47583	47408	47313	47931	47656	47312	47426	47169	103.432
	17	47566	47773	47361	47620	47596	47599	47190	47053	47634	47618	47256	46983	103.156
	18	47578	47332	47838	47625	48003	46822	46781	48001	47623	46974	47211	47964	103.248
	19	46505	47404	47425	47094	47323	47516	48059	47169	46878	47036	47539	47442	102.819
	20	47178	47755	47734	46788	47674	46924	47895	47733	47592	47224	48008	47129	103.226
	21	47421	47148	47156	47440	47361	47206	47275	47144	47318	47810	47677	47057	102.932
	22	47372	47394	47160	47527	46982	48023	47378	47455	46970	47239	47481	46751	102.881
	23	47234	47521	47438	47640	47584	47411	47249	47525	47599	47780	47673	47310	103.286
4	0	47314	48131	47958	47502	47639	47115	47505	47658	47675	47388	47146	47498	103.391
	1	47953	47811	47001	47217	48048	47346	47987	47613	47783	47200	48240	47700	103.636
	2	47025	46968	46889	47439	47486	47143	47640	47924	47254	47168	47616	47922	103.016
	3	48025	47995	48047	47723	47795	47786	46847	47216	47453	47804	47337	47482	103.566
	4	47323	47753	47277	47800	47208	47581	47091	47250	47763	47389	47617	47395	103.192
	5	46182	47805	47656	47342	47593	47703	47020	47649	47564	47346	47756	47218	103.081
	6	47670	47733	47821	47853	47754	47197	48298	48151	46998	48111	47087	46668	103.536
	7	47720	48042	46985	47382	47160	47609	47157	47677	48032	47213	47500	47085	103.213
	8	46990	47065	47144	47507	47866	47473	47848	47767	47694	47459	47784	47613	103.330
	9	47323	47003	46958	47310	47384	47709	47525	47861	47424	48238	47862	47169	103.250
	10	47165	47342	47737	47547	46739	47370	47659	47430	47850	47514	47794	47024	103.142
	11	46815	47587	47382	47246	47231	47225	48194	47635	47539	47246	47405	48067	103.215
	12	47774	47041	47795	47287	47711	47192	47177	47126	47638	47448	46937	46759	102.909
	13	47649	47443	47234	47605	47675	46937	47313	47091	47756	47547	47484	47639	103.178
	14	48072	46783	47509	47362	47371	47335	47931	47772	47542	47478	47131	47072	103.176
	15	47545	47118	47280	47309	47322	47114	47304	47110	47031	47120	47554	46686	102.657
	16	47433	48000	47216	47484	47370	47500	47231	46936	47119	47249	47049	48047	103.045
	17	47055	47431	47403	46859	47196	47320	46795	46389	47023	47096	47331	47447	102.449
	18	46854	46761	46864	47472	46483	47607	47481	47380	46996	47801	47788	47838	102.807
	19	47602	47499	47364	47730	46198	46442	47220	47063	46869	47570	47794	46786	102.593
	20	47119	47437	46902	47296	47227	46341	47662	47325	47259	47120	47033	47384	102.586
	21	47006	47536	47906	46707	47339	47195	47203	47659	47531	47634	47037	47461	102.968
	22	47285	47195	47475	47291	46939	46912	47127	46666	47371	47430	46668	46973	102.447
	23	46831	47220	47140	47272	47100	46461	47610	47095	46773	47369	46514	47198	102.311

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - October 2009											20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
5	0	46628	46497	46949	47512	47438	47135	47141	47261	46962	46800	47290	48184	102.532
	1	46158	47379	48090	47724	46559	47278	48185	47280	47277	47032	47278	47320	102.850
	2	47375	47554	47973	47288	47798	47918	47914	46839	47332	46981	47307	46798	103.125
	3	47284	47328	47043	46862	47795	46852	47375	46735	47021	47041	47722	47121	102.600
	4	46962	47050	47621	47996	47171	47237	47205	46874	46534	47241	46663	47052	102.496
	5	46968	47085	47042	47178	46951	47188	47387	47456	46900	47174	47539	46843	102.515
	6	47281	47802	46952	47113	47139	46735	47039	47221	46874	47301	47770	46900	102.590
	7	47946	47488	47866	47017	47232	47120	47244	47799	47368	47256	47376	47207	103.097
	8	47068	48027	47477	47220	47496	46966	46668	47630	47240	47085	47847	47337	102.940
	9	47160	47327	47318	47404	47489	47085	47365	46873	46841	47267	46846	46638	102.497
	10	47126	46904	47383	46799	47147	47201	47393	47191	46817	47087	46852	47618	102.480
	11	47382	47075	47171	47549	48027	46871	47222	47288	48010	47866	46920	47050	103.008
	12	47079	47999	47115	46348	47268	47491	46901	47525	47382	47895	47109	47293	102.822
	13	46478	47018	47267	47213	47306	47653	48217	47134	47217	47411	46898	47409	102.788
	14	47120	47774	47712	47063	47406	47093	47341	47554	47509	46970	46891	46915	102.812
	15	47135	47315	47189	46940	47717	47727	47190	47181	47485	47347	46730	47211	102.779
	16	47602	46854	47206	46875	47511	47441	47120	47056	47648	46955	46896	47402	102.669
	17	47060	47557	47724	46850	47504	47371	46864	46710	46832	46972	47173	47311	102.554
	18	47743	47430	47544	47484	48006	47113	47206	47197	46954	46637	47827	47531	103.052
	19	46910	47381	46674	46347	47574	47582	46965	47541	47331	47091	46838	47234	102.471
	20	46666	47011	47050	47466	47677	47934	46614	47355	47161	46846	46963	47386	102.591
	21	47354	47019	46973	47127	47676	46871	47502	47652	46520	46925	47259	47109	102.565
	22	47426	47025	47474	47180	47587	47629	47930	47279	47834	47263	47165	47187	103.107
	23	47412	47649	47244	47420	47747	47115	46624	47266	47693	47588	47133	47269	102.959
6	0	47405	46891	47174	47472	47510	46721	47239	47695	47070	46875	46718	47421	102.601
	1	47228	47020	47375	47049	47479	47199	46540	47649	47522	47730	47249	46894	102.736
	2	47162	47601	47219	47230	47942	47121	47240	47240	47127	46884	47470	47036	102.798
	3	47109	47053	47104	46713	46832	47765	47243	47409	46883	47314	47315	47013	102.522
	4	47408	47221	47167	47495	46825	47561	46838	46708	47081	47406	46772	47168	102.504
	5	47627	46626	47223	47583	46988	46863	47369	47280	48045	46995	46780	47654	102.754
	6	46962	46855	47574	47404	46992	47147	46967	46596	46867	47594	47079	47388	102.463
	7	47345	47350	46719	47555	47692	47200	47360	47228	47699	47292	46713	47323	102.835
	8	46938	46744	46462	47496	47219	47645	47631	47516	47158	47170	47099	47006	102.583
	9	47202	46769	47516	46386	46878	47364	47377	47364	47292	47014	47176	46780	102.407
	10	47127	47429	47298	47219	47546	47067	46651	47516	46972	47622	47212	46921	102.672
	11	47190	47723	47665	48156	47066	47132	47096	46830	47588	47400	47021	47449	102.987
	12	47168	47333	47721	46581	46947	47543	46902	47398	47302	47806	47419	47760	102.908
	13	47603	47506	47154	47220	47391	46744	47242	47648	47456	47589	47717	47583	103.084
	14	47049	47419	47224	46811	46847	47365	46942	47001	46741	47192	47209	47174	102.381
	15	46972	48033	46817	46923	47704	47359	47514	46671	47200	47700	46851	47130	102.726
	16	47529	46442	47447	47938	47024	47842	47498	47605	47539	47002	47282	47479	103.043
	17	47698	47294	47499	46878	47196	47787	47108	47038	47520	47279	47746	46747	102.892
	18	47339	46552	47275	47049	46730	47898	46955	46722	47009	47519	47566	46753	102.452
	19	47593	46886	46667	47178	47513	47887	47407	47214	47199	47204	47780	46959	102.837
	20	47228	47636	47760	47332	47937	48195	47516	47875	47170	47564	47051	46924	103.326
	21	47114	47337	46497	47550	47506	47473	48005	46471	47290	46594	46974	46415	102.427
	22	47510	47087	46955	46930	47205	47072	47577	47456	47610	47210	46639	46939	102.602
	23	47080	46090	47693	46867	46871	47352	46933	47183	47155	46935	46619	46786	102.126

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2009											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
7	0	46376	46913	46850	46260	47014	47038	46952	47166	47214	47054	46180	47145	101.872
	1	47148	47110	46626	46974	47219	47517	47291	46905	46736	46865	47214	47283	102.366
	2	47481	47178	46921	47023	47726	47205	46937	47500	46723	47134	47528	46749	102.586
	3	47259	46734	47168	47292	47414	46847	47122	47366	47209	47681	46915	47517	102.662
	4	46983	47172	47448	46754	47040	47469	47001	47202	46958	47751	47648	47213	102.683
	5	46892	47019	46992	46819	46556	46636	47821	47485	46852	47108	46510	47091	102.165
	6	46954	47422	47500	47138	46784	47878	47569	47184	47128	46736	46649	47174	102.589
	7	47796	47014	46768	47358	47511	47301	46501	47210	46983	47071	46811	46743	102.398
	8	46769	47595	47110	47741	47360	47677	47021	47528	46822	47168	47949	46568	102.804
	9	47039	46458	46666	47563	47235	46442	47264	47189	47240	47273	46684	47817	102.363
	10	47483	47829	47083	47348	47132	47278	46489	47416	47091	46756	47215	47113	102.609
	11	47558	47254	47204	47792	46813	47698	46918	47643	47038	47138	47338	47302	102.874
	12	47391	46950	46812	46476	46987	47343	46820	47484	47830	46997	47775	46893	102.524
	13	47258	46905	47382	47359	47509	47833	47380	47302	46818	47393	47829	46782	102.885
	14	47500	47291	47755	46998	47374	47174	47476	47417	47521	47516	47166	47544	103.063
	15	47341	47212	47305	46454	46607	47319	46324	47439	47028	47549	47490	47359	102.464
	16	47161	47586	47815	46697	47211	47299	47640	47595	47500	47465	47229	47442	103.046
	17	47224	47571	47919	47190	47074	47731	47445	46906	47568	47782	47070	46919	103.002
	18	47091	46858	47663	47093	46954	47232	47273	47068	46896	47918	47107	47274	102.644
	19	47284	47852	46728	47027	47073	46918	47363	47415	47223	47407	47307	47028	102.681
	20	47054	46688	46943	47223	47664	47390	47527	48111	47092	47089	47503	47684	102.924
	21	47697	46993	47321	47250	47488	46872	47435	47782	46708	47232	47406	47493	102.871
	22	46878	47179	46883	46722	46837	47115	47402	46989	47506	46883	47201	46978	102.309
	23	47120	46469	47413	46934	47364	47193	47234	47104	47783	47144	47294	47489	102.665
8	0	47409	47015	46930	46847	47300	46898	47387	46898	46968	47468	47237	47603	102.555
	1	46909	47406	46597	47631	47804	47181	47175	47145	46940	46741	46935	47157	102.499
	2	46938	47151	46994	47210	47600	47483	47212	47958	47238	46957	47453	46844	102.755
	3	47277	47493	46826	47140	47695	47470	46935	47439	47677	46436	47502	47487	102.817
	4	47136	46672	46964	47148	47153	47223	47335	47927	47529	47591	47777	47268	102.880
	5	47252	47721	47669	47292	47674	46799	47453	47426	47456	47119	47180	47078	102.951
	6	47120	47359	47781	47011	47182	47634	47286	47636	46833	47128	47114	47202	102.800
	7	47503	47884	47650	47356	47583	47741	47600	47465	47084	47496	47741	47099	103.328
	8	47386	46798	47178	47323	46770	47444	47413	47255	47347	47265	47083	47256	102.661
	9	47328	47033	46851	47309	47056	47034	47207	47728	47020	46770	47069	47135	102.484
	10	47232	47324	46952	47486	47407	46862	47189	47429	47622	47036	47639	46916	102.765
	11	47983	47340	46892	47100	46658	47772	47034	47213	47401	46916	47611	47372	102.801
	12	47384	47047	47042	47075	46987	47363	47382	47802	47485	47378	47219	46986	102.775
	13	47726	47040	47227	47073	47744	47060	47835	47130	47364	47040	47098	47222	102.850
	14	47437	47462	47730	46993	48177	47191	47003	47312	47756	46882	47422	47334	103.056
	15	47097	47406	47752	47231	47242	47059	47789	47415	47591	47741	47366	47449	103.136
	16	47667	47487	47646	47564	47080	46847	47494	47288	47548	47775	47360	47224	103.107
	17	47417	46967	47324	47294	46822	47170	47141	46710	47379	47368	47826	46937	102.631
	18	47400	47816	47863	47277	47165	47252	47813	47645	47332	47522	47423	47198	103.239
	19	47189	47358	47014	47533	47584	47296	48329	47696	47591	47345	46996	46899	103.080
	20	47939	47246	47311	47131	47617	47583	47265	47827	46595	47109	47268	47414	102.985
	21	47174	46900	47468	47616	46691	47349	47292	46997	47097	47583	46939	46930	102.574
	22	47222	47080	47478	47191	47319	46540	47165	47492	47713	47313	47792	47157	102.833
	23	46963	46963	46493	47332	47028	47230	47927	47539	47633	46918	47591	47595	102.787

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - October 2009											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
9	0	47983	46896	47638	47012	46749	47113	46981	47220	47539	47740	46395	47702	102.744
	1	47357	47106	46995	47158	47069	47578	47440	46811	47275	47317	47253	47380	102.701
	2	47284	47045	47233	47405	47587	47784	47247	47254	47176	47427	47512	47524	103.016
	3	47338	46861	47637	47134	47428	47596	47478	48189	47251	47496	47107	47379	103.092
	4	47753	47176	47254	47597	47197	47200	47230	47300	47287	47416	47349	47457	102.969
	5	47045	47557	46771	47588	47835	47322	47288	47671	47268	47998	47321	47289	103.102
	6	46676	47365	47941	48074	47718	47301	47109	46992	47057	47784	47740	47439	103.146
	7	47111	47325	47888	47719	46789	48219	47298	47439	47676	47105	46932	47097	103.038
	8	47233	47684	47330	47517	47340	46467	47328	47846	47714	47473	47124	47268	102.988
	9	47624	47911	46917	47547	47389	47339	47698	47070	47663	48082	46753	47718	103.240
	10	47235	46839	47519	47266	47857	47045	47829	47211	47207	47174	47151	47470	102.894
	11	47466	47626	48033	47476	47201	46743	47553	47223	47044	47730	47510	47075	103.053
	12	46815	47224	46967	46853	47216	47078	47598	47771	47451	47610	47359	47805	102.884
	13	48324	46792	46957	47952	47891	47247	47040	47035	47727	47982	47416	47244	103.221
	14	47049	47370	47770	47464	47143	46365	46704	47609	47842	47089	47186	47374	102.742
	15	47095	46597	46881	48334	47209	47200	47696	47258	47226	48018	47842	47335	103.055
	16	47135	47292	47024	47349	47346	46856	47248	47319	46843	47012	47726	47126	102.618
	17	47360	47940	47914	47302	47619	47699	48010	47231	47647	47579	47038	47525	103.449
	18	47166	47416	47493	47332	47895	47569	47310	46968	47534	47940	47526	47732	103.270
	19	47524	47188	47006	47089	48050	47531	47747	47373	47287	47488	47138	47204	103.043
	20	47768	47494	46915	47182	47178	47289	47026	47711	47642	47461	47709	46819	102.965
	21	46994	47519	47118	47974	47072	47846	46835	48060	47004	47385	47369	47744	103.097
	22	47447	47272	47553	47813	47392	47447	48191	46830	47458	46953	46959	46832	102.957
	23	47658	47575	47337	47281	46995	47067	47380	47750	47471	47296	47177	47127	102.950
10	0	47368	47328	47395	47883	46887	47689	46545	47108	47393	47139	47455	47343	102.829
	1	47168	47743	47375	47486	46981	47197	47339	46903	47088	48174	46994	47543	102.929
	2	47404	46849	47004	47309	47499	47496	47375	47603	47196	46952	46766	46950	102.640
	3	47228	47426	47078	47314	47789	47028	47101	47307	47076	47372	46953	47134	102.713
	4	48123	47286	47171	47277	47771	47220	47369	47876	47799	47770	47096	47017	103.251
	5	47599	47486	47309	47087	47667	48151	47725	46953	47708	47532	46482	47362	103.123
	6	47143	47175	46880	47080	47518	47628	47441	47334	47399	47388	47519	47495	102.931
	7	47569	46538	47792	47187	47317	47140	46998	47316	47578	48207	47724	46986	102.994
	8	47743	47152	47749	46843	47446	47418	47246	47552	46539	47246	47295	47263	102.837
	9	47723	46989	47077	47080	47432	47076	47771	46821	48129	47148	47763	46971	102.926
	10	47187	47156	47502	46741	46857	47374	47612	47063	47254	47435	47372	46983	102.665
	11	46868	47327	46867	47700	47494	46962	47178	47048	46898	48194	47336	47328	102.785
	12	47259	47667	47248	47571	47788	47191	47263	47756	47525	46980	47986	47498	103.244
	13	47837	47491	47488	47158	47109	47659	47718	47055	47645	47871	46750	47452	103.153
	14	47042	46792	47931	47478	47402	47391	47132	47091	47508	47469	47651	46695	102.854
	15	47384	46942	47228	47936	47939	47438	47501	47146	47145	46873	47060	47531	102.952
	16	47255	47242	47490	47260	46746	47352	47620	47204	47528	47686	47608	47484	103.016
	17	47229	47412	47016	47667	47262	46974	47060	47659	47066	47309	47586	47352	102.856
	18	46771	47366	47505	47040	47163	47158	46951	47823	47641	47993	47487	47333	102.972
	19	47436	47225	47263	47106	47388	47909	46978	47294	47203	47070	47115	47102	102.765
	20	47407	47313	47177	47100	47895	46522	47220	47086	47483	46889	47622	47455	102.779
	21	47462	46591	47575	46821	47620	47399	47281	46860	47223	47033	47903	47638	102.822
	22	47274	47313	47222	47763	47480	47553	46637	47204	47544	47134	47588	47598	102.986
	23	46863	46761	47332	47389	47152	47360	47313	46992	47454	47648	47321	46621	102.605

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2009											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	47271	47711	47094	47064	47314	47526	46783	46984	47573	47041	47188	46901	102.650
	1	46646	46941	47040	47238	47180	47368	47312	47100	47111	47060	46694	46997	102.330
	2	46897	46995	47095	46593	46860	47385	46929	47144	46736	47141	47202	47183	102.234
	3	47408	46982	47540	47248	47541	46317	46851	46805	46734	46840	46749	46913	102.192
	4	46870	46919	46240	47129	47635	47415	47062	47127	47162	46906	47096	46382	102.195
	5	47740	47281	47203	46836	47604	47436	47011	46705	46424	46853	46666	47324	102.402
	6	46999	46642	47274	47197	46961	47037	47593	47517	47152	46815	46947	47353	102.474
	7	47257	47167	46854	47725	47253	47182	46884	47366	47751	46443	47079	46892	102.541
	8	46887	47185	47205	47966	47215	47294	47544	47299	46721	46869	47601	47606	102.819
	9	46974	47368	47140	47210	47727	47132	47287	47627	46716	47468	47145	46755	102.667
	10	47572	47482	47805	47352	46960	47634	47915	47790	47358	46494	47171	46873	103.003
	11	47404	47963	47351	47533	47225	47535	47074	47008	47549	47162	47373	47295	103.015
	12	47889	47502	47229	46890	46959	46816	47554	47190	47150	47410	47122	47282	102.747
	13	47140	47877	47375	47308	48034	46891	47073	47596	47264	47096	47021	47590	102.977
	14	47218	47438	47535	47557	47171	47697	47470	47389	47011	47387	47078	47001	102.921
	15	47429	47540	47241	47236	47355	47265	47881	47068	47118	47712	46911	47126	102.908
	16	47397	47477	47632	47351	47088	47521	47179	47496	46998	46759	47212	46854	102.742
	17	47417	47561	47287	47501	47127	47804	47587	47433	46652	47212	47266	47579	103.007
	18	47332	47467	47160	47417	47377	47727	46934	47296	47409	46888	47623	47436	102.942
	19	47639	46862	47648	47527	47076	47699	47546	47475	47478	47266	47735	47101	103.121
	20	47812	47351	46664	47580	47222	47121	47831	47564	47381	46987	47270	47261	102.938
	21	47577	47047	47696	47115	47579	47308	46962	46858	47232	46820	47247	47417	102.722
	22	46727	47059	47029	47100	47039	46212	46593	47183	47069	47192	47165	47849	102.245
	23	46867	47506	46877	46632	46935	46627	46794	47254	47176	47325	47295	46978	102.254
12	0	47058	47786	47423	47352	46965	47052	47057	47389	46758	47066	46897	47431	102.604
	1	47165	46784	46795	47123	47631	47196	46953	46800	46785	47120	47279	46686	102.262
	2	46706	46648	47550	47662	47162	46770	47252	47318	47238	47610	46490	47179	102.492
	3	47072	46976	46819	46972	47133	47028	47161	46848	47478	47146	46883	46897	102.280
	4	47000	47233	47106	47093	47268	46957	46818	46912	46799	47552	46830	47409	102.382
	5	46847	47433	46552	47451	47293	46759	47488	47203	47234	46759	46735	47286	102.394
	6	47406	47272	46564	47381	46654	47330	46934	47322	47041	46568	46799	47029	102.259
	7	46841	47242	47602	47576	46952	47241	47063	47073	47352	47469	47079	47263	102.704
	8	47404	47412	47116	47440	47180	46781	47309	47094	47739	47373	46665	47674	102.783
	9	47260	47258	46896	47894	46071	47695	47560	47511	47291	47815	47428	46964	102.866
	10	47508	47424	47204	47028	47277	47371	47094	47407	47912	47058	47487	47349	102.952
	11	47406	47135	47390	47252	47460	47516	46900	46891	47358	47015	47262	47820	102.822
	12	47042	47144	47269	47124	46889	46686	47393	47882	46964	47359	47407	47806	102.744
	13	47299	47359	47289	47369	47494	47214	47521	47742	47524	47260	47221	47623	103.096
	14	47246	46839	47332	47348	48190	48126	47288	47187	47622	46618	47235	47545	103.035
	15	47895	47279	47331	47857	47164	47699	47320	47482	47886	47352	46786	47608	103.233
	16	47249	47264	47113	46704	47627	47414	46880	47668	47371	47044	47498	47188	102.752
	17	47083	46835	46917	48296	47067	47108	47432	47114	47148	47442	47593	47321	102.812
	18	47611	47198	47395	47068	47403	47295	47410	47194	46773	47543	46828	47786	102.840
	19	47765	47741	47559	47808	47379	47615	47195	47858	47558	46980	47525	47828	103.440
	20	47158	47632	47998	48287	46856	47635	47187	47103	47112	47637	48126	47331	103.304
	21	47039	46939	47934	47275	47710	47887	47520	47911	47141	47149	47415	47204	103.133
	22	47212	47532	48515	47800	47988	46542	47692	47762	47712	47449	46879	47733	103.440
	23	47449	46858	46575	47620	47790	47554	47190	47306	47557	47635	48075	47587	103.146

		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2009											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
13	0	47580	47633	47199	47587	46536	47300	47275	47833	47874	48022	47497	47185	103.211
	1	47831	46620	46961	47775	46958	47856	47094	47678	47637	46871	47227	47332	102.901
	2	47495	47357	48031	47918	47008	47424	47148	47407	47035	46894	47379	47644	103.064
	3	47345	47287	47833	47121	46717	47494	47421	47232	47375	47792	47835	46551	102.930
	4	47865	47703	47696	47135	47393	46669	47417	47777	47717	46906	47222	47007	103.022
	5	46907	48373	47686	47302	47590	46961	47085	47821	47004	47118	48505	46793	103.138
	6	47334	46681	47230	47128	47477	46843	46718	47064	47557	47712	46877	47819	102.647
	7	47107	47246	47183	47309	47902	47015	47240	47296	47522	47243	47579	47136	102.889
	8	47386	46894	47804	47887	46896	47391	47082	47419	47453	46830	47444	47307	102.892
	9	47088	47083	47035	47561	46699	47370	47571	47053	46994	47627	46631	47111	102.535
	10	47572	47870	47290	46929	47210	48019	47357	47597	47659	47550	47539	48225	103.440
	11	47585	47156	47513	47671	47636	47358	47358	47481	47351	47683	47956	47701	103.374
	12	47513	48081	47590	47628	48095	47436	47503	47699	48061	47738	47584	47444	103.722
	13	47106	47642	47649	47917	48227	47244	47911	47442	47398	47311	47745	47053	103.409
	14	47270	48122	47738	47156	47527	47679	47964	47462	47650	47085	47699	47850	103.510
	15	47665	47682	47978	47866	47681	47110	47638	47432	47361	47924	47208	47885	103.551
	16	47479	47698	47198	46907	47558	47921	47308	47727	47268	47878	47278	47760	103.288
	17	47043	47841	46512	47938	46893	46876	47259	47615	47124	47449	47801	46733	102.764
	18	46926	47878	47756	47154	47114	47048	47447	47335	47362	47124	47555	47517	102.969
	19	46679	47127	47157	47539	47719	47578	47345	48112	47268	47504	48130	47764	103.278
	20	47269	47368	47546	47822	48053	47956	47717	47969	48136	47918	47084	47620	103.737
	21	47274	47564	47446	47777	47830	47285	47444	47326	47752	47409	47819	47328	103.338
	22	47933	47752	47517	47315	46979	47457	47402	47529	48117	47250	46489	47416	103.140
	23	47473	47416	47402	47821	47355	47587	48122	47106	47609	47648	47934	47354	103.442
14	0	47037	47357	46718	47807	47370	47636	47464	47797	47404	47175	48306	47353	103.184
	1	47588	47252	47481	47261	47332	48030	47431	47472	48005	47846	47217	46926	103.263
	2	47926	47787	47283	47177	47409	47299	47086	47959	46680	47882	47060	46884	103.008
	3	47312	47202	47741	47911	47099	46947	47067	47430	46969	47281	47060	47593	102.859
	4	47128	47508	47685	47468	47560	46982	47088	47507	47550	47339	46876	47458	102.956
	5	47173	47914	47145	47435	46780	47569	47601	48105	46768	47672	47656	47369	103.145
	6	47553	47191	46926	48013	47763	47158	47118	47804	47979	47053	47131	47388	103.124
	7	47731	47003	46923	47315	47197	47161	48216	47822	47257	47275	47133	47429	103.014
	8	47406	47790	47773	47644	47879	47157	47205	47718	47008	47343	47264	47756	103.282
	9	47688	46641	46888	47493	47258	46974	47350	47542	47887	47638	47469	47380	102.967
	10	47985	47614	47677	47408	46960	47187	47984	47634	46932	47215	47312	47972	103.270
	11	47801	48057	48011	47053	47813	47658	47702	47591	48119	47567	47630	47852	103.809
	12	47971	47553	47110	47831	47795	47032	47846	47872	47631	47696	47388	47695	103.549
	13	47337	47524	47882	47721	47100	47538	48066	47314	47595	47665	48010	47088	103.444
	14	47761	47865	47504	47571	48198	47696	47793	47953	47561	48620	47578	47611	103.965
	15	47806	47579	47901	47637	47513	47927	48037	47827	47262	47372	47608	47216	103.598
	16	46932	48157	47880	47755	47381	47877	47470	47658	46600	47869	47916	47435	103.461
	17	47394	47878	48082	46735	47489	47835	47681	47409	47659	47412	48651	47992	103.694
	18	48441	47484	47243	47473	47532	47832	47067	47401	47155	47152	46850	47612	103.155
	19	47420	47595	47906	47065	47425	46891	47735	47442	47795	47883	47831	47702	103.417
	20	47100	47353	47630	47450	47423	47668	47313	47552	48111	47790	47708	47352	103.374
	21	47512	47379	47753	47998	47073	47285	48013	47996	47524	48288	47164	47623	103.584
	22	47582	47411	47257	47599	47229	47306	47296	46959	47496	48001	47032	47018	102.964
	23	47020	47447	47739	47789	47594	47132	47338	47370	47364	47970	47757	47659	103.325

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
15	0	47623	47741	47210	47949	47397	47540	47426	47820	47383	47950	47825	47638	103.560
	1	47294	47885	47810	47766	47680	47041	47389	48114	48061	47572	47362	47829	103.619
	2	47826	47271	47706	47622	47227	47418	47032	47581	48022	46814	47682	47662	103.267
	3	47878	47765	47512	47749	47590	47872	47927	47288	47326	48009	47084	47640	103.589
	4	47288	46918	48235	47248	46825	47131	47282	46875	47389	47560	48310	47523	103.035
	5	47641	47553	47585	47867	47671	47560	47361	48058	47610	47477	47906	47782	103.668
	6	47897	48083	47522	47461	47827	47822	47850	47230	47115	47498	47742	47632	103.596
	7	47354	47569	47844	47606	47555	47701	47511	47564	47585	47230	47404	47272	103.328
	8	47700	47646	47656	47815	48194	47502	47296	47938	47595	47331	47497	47264	103.552
	9	47778	47588	47850	48063	47240	47527	47390	47358	47903	47440	47329	47119	103.398
	10	47676	47495	48317	47542	47970	48195	47796	47798	47590	47959	47768	47108	103.875
	11	47476	47763	48105	48180	48016	48347	47850	47193	47607	48059	48158	47646	104.089
	12	47500	47401	47400	47509	47019	47372	47932	47695	47575	47570	47714	47438	103.315
	13	47208	48206	47530	48087	47813	47791	47917	47902	47880	47894	47103	47200	103.750
	14	47183	47514	47291	47730	47504	48213	47381	47536	47835	47582	47545	47877	103.508
	15	47363	47963	48262	47237	47725	47617	47832	47671	48102	48115	47229	48141	103.882
	16	47355	47445	47722	47787	48132	47640	47233	47484	47738	47932	47307	47805	103.578
	17	47781	48202	47489	47626	48038	48158	47810	47268	47232	47819	48268	47672	103.902
	18	48000	47684	47217	48088	48258	48291	48041	47720	47560	47865	48004	47270	104.016
	19	48304	47858	47503	47367	47870	48393	47718	47694	47183	47779	47345	47332	103.717
	20	47719	47490	46887	47476	48627	47287	47551	47505	47374	47566	47394	47999	103.451
	21	47463	47952	48054	47250	47975	47750	47190	46856	47806	47792	47441	47899	103.551
	22	47833	47606	47578	47193	47582	47485	47151	47718	47764	47553	47642	47853	103.466
	23	47305	47393	47871	47777	46945	47380	47808	47808	47697	47661	47606	47766	103.476
16	0	47427	46910	47558	48118	47297	47775	46970	48045	47912	47869	47786	47573	103.513
	1	47320	47163	47473	48083	47508	47368	47993	47374	47853	48027	47456	47452	103.486
	2	47164	47211	47425	47871	48022	47657	48450	47014	47036	47542	48016	47662	103.486
	3	46776	48027	47337	47505	47453	47716	47854	47248	47960	48150	46912	48075	103.475
	4	47866	47311	47644	47702	47259	47249	47681	47996	46774	48076	47586	47678	103.441
	5	47807	46954	47330	47740	47731	47620	47595	47662	47721	47594	47480	47624	103.448
	6	48343	46780	47613	48033	47460	48030	47753	47293	47546	48344	46731	47221	103.500
	7	47732	47908	48204	47863	47405	47687	47132	48209	47772	47524	47573	47271	103.705
	8	47909	47311	47816	47597	48208	46774	47639	48115	47460	47149	47283	47516	103.433
	9	47267	47695	47391	47919	47929	48024	48316	47809	47514	48124	47412	47024	103.732
	10	47546	47988	48293	47178	47132	48442	46731	47228	47523	47629	47948	47460	103.491
	11	47732	47737	47670	47202	47913	48042	47427	48208	47776	47203	47311	47468	103.598
	12	47507	46958	48246	48010	47751	47581	48298	47366	47536	47122	47336	48287	103.654
	13	47467	48380	47713	47133	47846	47740	48107	47460	47734	47268	47673	47678	103.691
	14	47611	48768	48205	47671	47743	47277	47653	47711	47621	48055	47951	48051	104.074
	15	47845	47558	47744	48177	48080	47728	47826	47836	47563	47263	47619	47593	103.805
	16	47481	47466	47523	47561	48171	47238	47513	47460	47133	47343	47696	47899	103.380
	17	47521	47117	47158	47780	48179	47577	47725	47093	47486	48050	47426	47785	103.455
	18	47832	47970	47800	48021	48146	47917	47608	47701	47244	47033	47416	47296	103.651
	19	47614	47424	47163	47703	47506	47594	47105	47404	47143	47400	47711	47264	103.116
	20	47982	48210	47926	47453	47755	47692	48194	47732	47446	48206	47154	47013	103.792
	21	47553	47894	47663	47799	47385	46923	47802	47522	47386	47471	48142	47903	103.554
	22	47397	47296	47604	47015	47067	47356	47211	48017	47552	47359	47774	47451	103.129
	23	47982	47131	47512	47244	47677	46522	46775	47651	48204	47399	47630	47651	103.179

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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	47854	48109	47772	47353	47837	47988	47256	47110	48018	47727	47994	47607	103.764
	1	47333	47998	47419	47414	47783	47248	47603	47403	47492	47099	47910	47522	103.333
	2	47078	47362	47764	48231	47475	47732	48465	47978	47900	47033	47195	47796	103.656
	3	47985	47346	47787	48095	47331	47481	47600	47198	47633	47249	47942	47346	103.472
	4	48001	48224	47740	47530	47822	47531	47803	47338	47419	47276	47626	47492	103.618
	5	47579	46942	47455	47720	47764	47703	47644	47822	47946	47691	47770	46990	103.478
	6	48499	47782	47574	47992	47995	47187	47683	48036	48338	47243	47211	47844	103.905
	7	47590	47799	47661	48072	48066	47245	47787	47963	48317	47776	47729	47816	103.985
	8	47148	47584	47503	48350	47741	47550	47900	47801	48061	47573	47451	47997	103.774
	9	47615	47559	47293	47937	47268	47715	47641	47934	48047	48101	47690	47820	103.767
	10	47361	48359	47321	47932	48085	47665	47848	47745	48256	47381	47587	47428	103.830
	11	47459	48055	47311	47870	47969	47104	48035	48068	48197	47673	48284	47663	103.961
	12	47925	47840	47415	47987	47612	48217	47225	47961	47187	47744	47708	47350	103.685
	13	47398	47676	48210	48055	47143	48312	48032	48359	48125	47381	47437	47851	104.013
	14	47829	48225	47480	48030	47883	47635	47263	47794	47406	47508	47676	47018	103.608
	15	47607	47942	48092	47711	47521	47752	48026	47344	48374	47973	47845	47722	104.001
	16	47818	47800	47829	47664	47670	47642	47725	47561	47740	47466	47421	48192	103.750
	17	47699	47673	47932	47955	48069	47389	48037	47573	47686	47215	47422	47723	103.723
	18	47205	47574	47164	47575	48527	47662	48071	47236	47499	47476	48096	47662	103.609
	19	47869	47713	47639	48150	47887	47013	48410	47474	47971	47964	47750	47200	103.843
	20	47865	47355	48286	47466	47800	47586	47588	47698	48250	48007	47895	48178	104.012
	21	47133	48275	48474	47676	47954	48105	48001	47651	47625	48222	47942	47590	104.134
	22	47686	48680	47653	47663	47682	47518	48029	47774	47287	47883	47777	47434	103.848
	23	47691	47464	47202	48392	47517	47775	48241	47668	47197	48064	47814	47872	103.817
18	0	47253	47568	48023	47664	47802	47900	47458	47744	47872	47005	48324	47843	103.737
	1	48405	47961	47438	47859	47521	47457	47823	48214	48099	47755	47785	48223	104.115
	2	47656	47819	47270	48271	47692	47863	48084	47874	47735	48130	47729	48437	104.118
	3	46915	47256	47631	47136	47513	48006	47799	47290	47501	47972	47598	47592	103.330
	4	47990	47328	47953	47401	47499	47635	47744	48296	48156	47980	47390	47774	103.862
	5	47789	48023	47660	47691	47889	47901	47824	47466	48107	47402	47505	48171	103.914
	6	47280	47709	47532	47408	47562	48160	47792	47349	48329	48598	47574	47822	103.856
	7	47740	47896	47908	47779	47222	47488	48132	47692	47643	47508	47804	47549	103.720
	8	47451	47551	47762	47766	46984	47851	47696	47279	47721	47388	47757	46984	103.327
	9	47457	47756	48031	47171	47271	48240	48123	47345	48138	48224	48008	47598	103.901
	10	48459	47439	47599	47598	47841	47904	47587	47413	48018	48006	47227	48401	103.925
	11	47281	48076	48489	47506	47596	47534	47807	47739	47669	47810	47307	48249	103.847
	12	47457	48404	48333	47307	47417	47978	47784	47723	47901	47608	46796	47704	103.729
	13	48370	47491	47975	47746	47910	47623	47738	47999	47629	47902	47195	47330	103.819
	14	47854	47499	47525	47696	47730	48221	47180	47962	47708	47064	47916	47673	103.660
	15	48054	47492	47642	48097	47660	47980	47859	47601	47177	47447	47220	47487	103.604
	16	47513	48022	48015	46989	47754	47644	47747	48163	47449	48010	48361	47998	103.956
	17	47479	47410	47164	47825	48141	48186	47736	47398	47836	47549	47564	48197	103.742
	18	47546	48014	47570	47810	47496	47826	47966	48311	47620	48192	47712	48025	104.033
	19	47612	48083	48033	47718	47775	47941	47587	47893	47821	47982	47825	47511	103.977
	20	47418	48373	48036	47843	47345	47849	47967	47477	48446	48306	47834	47976	104.175
	21	47365	47320	47677	47619	47900	47985	47682	47525	47837	47963	48181	47770	103.803
	22	47877	47489	47970	47846	48171	48229	47564	47451	47594	48443	47865	47579	104.031
	23	47597	47665	48134	48347	47878	48168	47585	47610	47354	47337	47395	47292	103.721

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
19	0	47553	47893	47877	47344	47349	48125	48035	47873	47753	48515	48080	48060	104.101
	1	47738	47957	47953	47517	48063	47442	48026	47765	47499	47991	48256	47633	103.988
	2	47518	46812	47096	48035	48073	47670	47948	47462	48306	47610	47952	47377	103.629
	3	47632	47872	48270	47952	48130	48168	46978	47678	47553	47822	48227	47346	103.950
	4	47932	47273	47798	47433	47910	47960	47401	47687	47695	47603	47371	48014	103.668
	5	48186	47892	48331	47762	47551	47807	48238	47686	47586	47907	48134	47560	104.133
	6	47747	47999	48395	48551	48323	47759	47705	47492	47832	47387	47291	48074	104.118
	7	48363	47788	47709	48008	47863	47788	47860	48040	47098	47798	47747	47998	104.028
	8	47689	48087	47830	47429	48078	47668	47999	48142	47548	47930	47394	47867	103.956
	9	47945	47596	48047	47959	48017	47268	47552	47163	47829	47259	47490	47571	103.600
	10	47329	48076	48402	47049	47682	47628	48205	48401	47387	47995	47593	47879	103.949
	11	47460	47897	47470	47862	47892	47651	47521	47670	47260	47407	47160	47651	103.455
	12	47587	47698	46991	47443	47567	47611	47219	48178	47547	47685	47625	48121	103.523
	13	47157	47566	47485	47505	47675	47481	47287	47641	47986	47925	47699	48112	103.567
	14	47484	47501	48288	47534	48074	47865	47671	47625	47802	47383	47794	47304	103.713
	15	48239	47819	47441	47469	47763	47607	47334	48645	47294	48019	48159	47807	103.944
	16	47589	47516	47250	48060	47926	48001	48004	47850	47510	47792	47860	47460	103.803
	17	48073	47500	47986	47383	46992	47897	47568	47413	48201	47499	47390	48059	103.647
	18	47391	47196	47956	47382	47261	48020	47410	47563	47504	47494	47943	48027	103.500
	19	47878	46850	47506	48246	47831	47134	47969	47261	47787	47934	47910	47818	103.677
	20	48454	47904	47520	47689	47914	47996	47954	47336	47706	47372	48041	47513	103.908
	21	47386	47844	47830	47687	48016	47284	47323	47808	47934	47486	46972	47336	103.456
	22	47333	47412	47377	48134	47679	47294	47747	48223	48003	47263	47820	47327	103.584
	23	48165	47719	47212	47534	48090	47515	48210	47954	47303	48064	47308	48087	103.865
20	0	46493	47373	47808	47438	47427	47668	47609	47708	47840	48206	48012	47013	103.400
	1	47879	48686	48273	48042	47369	47689	47728	47404	48033	47997	48023	47686	104.164
	2	48146	47363	47844	47543	47642	47766	47615	48113	47228	47722	48376	48183	103.934
	3	47909	48099	47923	47660	47894	47456	47453	48073	47491	48113	47399	47569	103.843
	4	47776	47301	47231	47944	47550	47706	47427	47726	47411	48120	47602	47352	103.499
	5	47747	47295	47994	47983	47665	47823	47554	48091	47650	47483	47730	47828	103.807
	6	46910	47586	48337	47651	47487	47464	47840	47358	47225	47135	47786	47818	103.400
	7	47610	47541	48229	48209	47557	47816	47759	47372	46987	48115	47319	47864	103.723
	8	47209	47900	47550	46992	47952	47276	47806	48003	47741	47483	47361	47810	103.488
	9	48100	48163	47824	47717	48078	47608	48085	48013	47841	47409	47575	47763	104.049
	10	47809	47554	47982	47264	47013	47272	47434	47853	47433	48390	47658	47338	103.473
	11	48015	47964	47160	47689	47212	47663	48431	47334	47244	47599	47909	47460	103.596
	12	47586	48168	48075	47739	47742	48071	47693	47495	47822	47241	47106	47659	103.726
	13	47545	47634	47164	47731	48078	47810	47484	47794	48547	47477	46933	48308	103.746
	14	47898	47783	47870	47526	47769	47045	48068	47106	47895	47370	47183	46900	103.367
	15	47463	47302	47885	47869	48056	48356	47491	47700	47759	47681	47527	47588	103.777
	16	46998	48022	47210	47728	47233	48140	47849	48015	47802	47566	47785	47610	103.647
	17	47883	47879	48168	47927	47443	47643	47837	47716	48300	47264	47856	47542	103.919
	18	47829	47132	47241	47904	47811	48059	47552	47540	48118	47575	48105	47288	103.683
	19	47670	47632	48013	47715	48237	46712	47148	46887	47354	47748	47924	47409	103.373
	20	47264	48066	47751	47480	47191	47863	47794	47679	47613	47664	47505	46990	103.448
	21	47674	46976	47926	47324	46783	47472	47821	47417	48002	47374	47711	47420	103.274
	22	47527	47332	47797	46930	47323	47954	47446	47038	48470	48030	47561	47608	103.476
	23	47840	47515	47901	46823	47730	47523	47653	48140	47540	47056	47163	47664	103.391

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - October 2009											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
21	0	47507	47231	47266	47274	47378	47687	47245	47972	47565	48015	47083	47570	103.250
	1	47172	47363	47717	48131	47302	47887	47531	47277	47945	47455	47906	48204	103.635
	2	47322	47537	46819	47519	47369	47681	47038	47539	47935	47172	47976	47778	103.235
	3	47360	47495	47742	47774	47661	48248	47252	47758	47273	48037	47617	47485	103.600
	4	47893	47377	47371	47216	47953	47368	47375	48004	47170	47863	47789	48287	103.594
	5	48206	47261	47915	47283	47958	47901	47481	47849	47829	48114	47275	48165	103.879
	6	47880	47784	47951	47352	47276	48270	47423	47490	47131	47618	46848	47819	103.445
	7	48034	47932	47409	47625	47632	47893	48093	47822	48465	47776	47565	47996	104.061
	8	47294	47393	47277	47605	47445	47839	47989	47813	47931	48265	47292	47791	103.643
	9	47770	47820	47581	47322	47416	47832	47420	47219	48124	47418	47467	47209	103.400
	10	47671	47386	47795	47259	48298	47950	47948	48000	47027	47980	47425	47537	103.705
	11	48019	47469	47475	47467	47233	47356	47701	47461	48310	48251	47729	47138	103.584
	12	47891	47398	47392	47918	47848	47961	47968	47556	47665	47184	47577	47384	103.608
	13	48017	47075	47836	47486	48385	47430	48109	47161	47674	47723	47207	47321	103.550
	14	47469	47725	48003	47933	48075	47045	48137	47250	47816	48070	47645	47676	103.808
	15	48029	47856	47785	48038	47745	48033	47778	47412	47454	47747	47638	47602	103.857
	16	47538	48171	47043	47999	48176	47681	47768	47251	46956	47463	47710	47309	103.485
	17	47451	47857	47954	47221	47214	48396	47514	47765	47061	47835	47679	47460	103.547
	18	47311	47586	47359	47892	47598	47258	47608	47407	47522	47562	47091	48032	103.333
	19	47857	47525	47422	47815	48013	48159	47439	47396	47718	48151	47468	47483	103.735
	20	47723	47608	47913	47794	47266	47311	47786	47401	48158	47438	47992	47383	103.614
	21	47452	47475	47290	47876	47796	46915	47159	47477	47421	47918	47558	46821	103.140
	22	47617	47907	48166	48274	47290	46974	47395	47928	47878	47551	47735	46752	103.558
	23	47127	47226	48072	47363	47993	47917	48229	47765	47566	47548	47069	48121	103.654
22	0	47549	47060	47299	48247	47540	47831	47792	46781	47345	47282	47270	48061	103.297
	1	47311	47580	47981	47486	47949	47421	47007	47702	47716	46999	48234	48019	103.548
	2	47562	47870	47647	47992	47398	47514	48191	47799	47357	47149	47909	47389	103.614
	3	47388	47428	46873	47161	47105	47075	47262	47929	47353	47508	47239	47899	102.970
	4	47220	47408	47598	47495	47644	46978	47111	46909	47183	47406	47629	47596	102.962
	5	47832	47029	48306	47825	47447	47688	47876	47070	47309	47706	47613	47512	103.512
	6	47452	47387	47317	47378	47418	47444	48007	46919	47557	47444	48535	48035	103.453
	7	47618	47886	46962	47767	47342	47114	47763	47503	47432	47407	48104	47858	103.429
	8	47324	47899	47986	48357	47817	47694	48110	47743	47437	47783	47223	47635	103.838
	9	47646	47095	47813	48026	47524	48270	47363	48202	47560	47772	47331	47875	103.741
	10	47896	48101	47516	47252	47399	47638	47907	48142	48423	47745	47808	48336	104.047
	11	48132	47442	47268	47865	47915	47530	47298	47670	47992	47281	48316	47975	103.779
	12	47847	47590	48003	47838	47582	47679	47586	48076	47617	47683	47445	47347	103.708
	13	47667	47394	48089	46964	47747	47554	47461	47286	47274	47146	46911	47608	103.129
	14	47038	47798	47585	47872	47165	47432	46803	47271	46796	47847	47149	47420	102.961
	15	47547	46578	47207	47066	47094	47205	46618	47614	47642	47322	47466	46815	102.599
	16	47230	47330	47360	47180	46944	46928	46854	47296	47381	47014	47559	47695	102.707
	17	47042	47370	47501	47076	47250	47527	46992	46848	47351	47330	47500	47025	102.714
	18	47411	47194	47292	47160	47116	47557	47233	47054	46923	46994	47742	47151	102.717
	19	48059	47793	47822	47528	47377	47074	47611	47320	47409	48050	47215	47780	103.480
	20	47480	47659	47794	47931	47477	47318	47450	47674	47895	48420	48355	47925	103.905
	21	47297	48097	47517	48014	47937	47364	47310	47512	48093	48462	48375	47393	103.903
	22	47610	47396	47877	48154	47614	48330	47811	47408	48133	48588	48147	48222	104.254
	23	48141	47730	47438	47754	47522	47802	47953	47698	48231	48002	47705	48060	104.025

		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2009											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
23	0	48416	47551	48041	48325	47876	47564	47335	47609	47292	47467	48221	48279	103.995	
	1	47761	48113	48306	47519	48348	46768	47678	47965	47809	46866	47480	47853	103.738	
	2	47420	47684	47935	46911	47866	47860	47638	47369	47452	47752	47825	47898	103.585	
	3	47576	47731	47246	47200	47591	47367	47797	47780	47615	47491	47299	47656	103.356	
	4	47455	47563	47027	47044	47503	47178	47700	47571	47281	47742	47153	47658	103.088	
	5	47420	48228	47378	47280	47233	48047	47329	48264	47766	47487	47641	47373	103.554	
	6	47430	47800	47055	47530	47827	48087	47575	47435	47496	47362	47002	47300	103.274	
	7	48224	47397	47241	46782	47336	47303	47886	47706	48031	47226	47407	47535	103.305	
	8	47418	47188	47504	47573	47241	47467	47821	47745	47392	47438	47579	47182	103.211	
	9	47411	47556	47308	47958	47630	47126	47772	47026	47401	48167	47426	47187	103.287	
	10	47736	46782	47328	47792	47069	47661	47981	47489	47569	47649	47135	47296	103.199	
	11	47704	47374	47461	47835	47098	47854	47640	47138	47181	47526	47741	47333	103.272	
	12	47385	48378	47623	47733	47524	46991	47112	47617	46649	47408	47778	47288	103.198	
	13	47793	47697	47398	47723	47319	47262	47330	47294	47868	47441	47575	47371	103.305	
	14	47800	47188	47205	47223	47336	47556	47408	47368	46937	47190	47627	47876	103.059	
	15	47429	47238	46843	47158	46606	47625	47246	47134	47737	47465	47076	47642	102.784	
	16	47685	47407	47926	47235	47565	47147	47736	48016	47394	46600	47316	47448	103.197	
	17	47587	47500	47143	47972	47673	47596	46816	47016	46757	47220	47905	47736	103.097	
	18	47595	47035	47890	47367	47484	47133	46976	47195	46751	47838	47226	46846	102.809	
	19	47334	47272	46863	48743	47497	47286	47349	47960	47368	47389	47728	47444	103.335	
	20	47555	47446	46743	46775	47382	47604	47227	47667	47344	47374	47955	47931	103.111	
	21	47583	47098	47630	46879	47538	47505	47695	47638	47429	47718	47370	47446	103.207	
	22	47254	47485	47748	47912	47294	46981	47690	47329	47896	47315	47762	47760	103.369	
	23	47507	47098	47393	47080	47303	47363	47604	47021	47088	47188	47463	47097	102.786	
24	0	47281	47363	47903	47129	47450	47610	47337	48211	47616	47745	47658	47829	103.496	
	1	47399	48034	47062	48238	47514	47880	47088	47517	47650	47583	47340	47661	103.467	
	2	47622	47118	46710	47487	47264	47398	47602	47583	47477	47805	46846	46872	102.890	
	3	47422	47692	47366	47875	47426	47625	47201	47860	48013	47435	46950	48116	103.470	
	4	47175	47386	47144	47675	47719	47120	47698	47600	47634	47063	47498	47192	103.094	
	5	47874	47320	47326	47679	47229	47479	48209	46795	47342	48480	47490	47185	103.366	
	6	47194	47371	47828	46927	47534	47498	47157	48070	47629	47231	47977	47477	103.273	
	7	47274	47439	47577	47107	47353	47393	47498	47114	47564	48035	47354	47238	103.101	
	8	47181	46919	48215	47251	47018	47799	48082	47320	47555	47836	46761	47185	103.133	
	9	47678	47755	47306	46892	46940	47530	46863	47530	47576	47887	47326	47313	103.038	
	10	47070	47651	47368	47485	47748	47677	47426	47115	47547	47053	47694	47090	103.097	
	11	47190	46952	47399	47284	47503	47156	47521	47528	47033	47084	47512	47013	102.780	
	12	47492	47244	47444	47116	47626	47476	47757	46629	47664	47651	47524	47088	103.058	
	13	46479	47167	47633	47231	46907	47781	47685	47653	46926	47173	47643	47659	102.918	
	14	47373	47430	47645	47339	47709	47433	47377	47189	47808	47560	47162	47701	103.242	
	15	46946	46966	47232	47421	47347	47735	47591	46444	47344	47186	47177	46956	102.630	
	16	47629	47307	47896	47343	46673	47188	46930	47085	47534	47092	47587	46940	102.786	
	17	47384	47169	47520	47368	47149	46957	47125	47433	47273	47731	46735	48155	102.929	
	18	47103	47105	46851	47085	46683	47203	46988	47433	47143	47843	48063	47427	102.735	
	19	47143	47276	46975	47143	47469	47535	47210	48168	47500	47321	47105	47693	103.027	
	20	47344	47026	47377	47004	46929	48136	47087	47452	47026	48008	47804	47747	103.099	
	21	47143	47536	47443	48145	46502	47505	47712	47288	47720	47745	47451	47370	103.212	
	22	47198	47121	46926	48424	47312	47596	47917	47659	47539	47605	47516	47638	103.374	
	23	47190	47871	47008	47172	47719	47200	47691	47678	47902	46785	47476	47537	103.152	

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2009											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
25	0	47520	47241	48021	47370	47225	46783	47992	47977	47021	47625	47938	47395	103.317
	1	47549	47324	47122	47070	46706	47269	47791	47625	47312	47347	47310	47665	102.946
	2	47769	46736	47158	47420	47546	47768	47634	47331	47617	46918	47379	47281	103.031
	3	47654	47429	47159	47745	47460	47305	47435	47735	48152	47837	47166	46870	103.283
	4	47156	47226	47388	46985	46619	46999	47510	47114	47640	47564	47835	47606	102.864
	5	47079	46996	46961	47448	47187	47897	47756	47391	47771	46966	47709	47316	103.016
	6	47103	47873	47595	47467	47753	47613	47377	47608	47057	47435	47503	47922	103.348
	7	47071	47387	46544	47925	47220	47184	47222	46964	47351	47297	47508	46620	102.620
	8	47272	46931	46734	47859	47674	47249	47099	47429	47252	47620	47050	47682	102.902
	9	47337	47963	46853	47724	47391	46906	47041	47586	47938	47280	47378	46960	102.994
	10	47009	47142	46960	47239	46781	47578	47084	47303	47519	47525	47749	47935	102.898
	11	47862	47354	47401	47538	47283	47455	47069	47902	47300	47577	47476	46642	103.085
	12	47495	46974	46900	46806	47616	47813	47547	47212	47332	47645	48052	47828	103.151
	13	47440	46922	47247	47178	47435	46890	47368	47696	46721	48617	47934	47233	103.053
	14	47157	47484	47233	47391	47294	47675	47553	47071	46645	47996	47677	47368	103.028
	15	47735	47735	46833	47568	47332	47542	47186	47013	47581	47124	47677	46761	102.946
	16	47321	47332	47321	47770	47097	47357	47358	47683	47273	47620	46798	47539	103.015
	17	46812	47377	48096	47306	47580	47480	47405	47134	47011	47228	46813	47103	102.811
	18	47633	47049	47318	47792	47651	47561	47554	47200	47935	47322	46863	47391	103.160
	19	46952	46526	47092	47709	46943	47106	47422	47638	46785	47459	47374	47494	102.658
	20	47684	46972	46930	47333	46957	47996	46993	46966	46949	47827	47198	46979	102.709
	21	47296	47295	47943	47250	47341	47950	47020	47167	47724	46945	47095	47587	103.041
	22	47027	47364	47286	47096	48054	47381	47202	47511	47479	46939	47118	47287	102.883
	23	47596	47775	47362	47113	47562	47953	47289	46992	47683	47195	47579	47097	103.146
26	0	47613	47437	47130	46966	47980	47527	47321	48060	46408	47535	47266	46855	102.949
	1	47226	47466	47422	47443	47258	47828	46764	47202	46638	48345	47496	47666	103.066
	2	47632	46820	47132	47185	47316	47307	46749	47228	46690	46815	47477	47204	102.487
	3	47175	47706	47085	47274	47633	47609	47671	47243	47352	47267	47486	47800	103.165
	4	47247	47443	47279	47066	47195	47251	47340	47614	47460	47224	47507	47840	103.014
	5	47535	47188	48160	47823	47816	46869	47325	47757	47203	47570	47202	47118	103.214
	6	46987	47221	47045	47495	47408	47590	47400	47141	47144	47246	47733	47645	102.939
	7	46829	46723	47505	46826	47642	47448	47415	47639	46932	47124	47374	47806	102.796
	8	46754	47291	47183	47198	47288	47387	47001	47002	47245	47498	47599	47823	102.797
	9	46889	47673	47614	47385	47381	46815	48005	47464	47452	47032	47741	47108	103.031
	10	47709	48144	47394	47632	47597	47333	47417	47216	46874	47497	47942	47190	103.282
	11	47542	47805	46834	47304	47058	47036	47481	47785	46616	46982	47690	47236	102.815
	12	47295	47074	47346	47360	47308	47251	46991	46770	47974	47022	47651	47576	102.861
	13	47469	47277	47054	47603	47586	46868	47535	47043	47880	46934	47732	47273	102.976
	14	47885	47213	47468	47325	47284	47450	47692	47129	46955	47367	47635	47410	103.077
	15	47239	47459	47551	47587	47172	47516	47948	47677	46759	47521	47023	47579	103.117
	16	47527	47523	47306	47466	46993	47023	47416	47248	47339	47782	46967	47333	102.916
	17	47129	47110	47498	47108	47908	48093	47620	47225	47291	47691	47603	47493	103.250
	18	46744	47237	47410	47582	48095	47036	47216	47697	46511	47351	47305	47557	102.883
	19	47791	47011	47076	47201	47791	47224	47226	47474	47079	47482	48055	47638	103.120
	20	47445	47811	46620	47778	46775	47297	47338	47403	47617	47157	47338	47462	102.937
	21	47053	46885	47508	47544	46951	47659	47428	47533	47023	47642	48094	46827	102.956
	22	47428	47822	47205	47268	47145	47659	47301	47728	47346	47471	47285	47331	103.109
	23	47632	47525	47618	47748	47093	47413	47824	47704	47259	46774	47390	47520	103.201

		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2009												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	47019	48026	47498	47201	47496	47255	47398	47372	47762	47510	47245	47744	103.207
	1	47450	47028	47325	47199	47761	47164	46912	47554	47806	46791	47143	47887	102.933
	2	47257	47161	47467	47895	48010	47224	47660	47934	47301	47311	47202	47688	103.312
	3	46996	47362	47099	47722	47358	47848	47615	47130	47337	47432	47786	46896	103.035
	4	47347	47592	47182	47532	47623	47383	47321	47183	47340	47094	47758	46951	102.985
	5	47465	47320	47370	47661	47252	47532	47330	47706	47448	47509	47074	47167	103.081
	6	47231	47568	46960	47230	47392	47666	47433	47910	47545	47596	47253	46944	103.062
	7	47566	47781	47214	47780	47406	47751	47333	47380	46814	47590	47347	47799	103.249
	8	47530	47901	47290	47057	47589	47396	48069	47171	46802	47342	47336	47245	103.061
	9	47801	47442	47479	47266	46931	47880	47541	47423	48060	47454	47907	47392	103.397
	10	47052	47615	47420	47155	47232	47517	48066	47410	47498	47169	47172	47310	103.042
	11	47366	47286	47811	47532	47853	47663	47183	47320	47697	48180	47524	47028	103.373
	12	47147	47252	46788	48046	47078	47928	47579	46956	46837	47687	46926	47101	102.807
	13	46945	47456	47109	47474	47248	47898	46801	47016	47272	47958	47906	47430	103.023
	14	47922	47487	47536	47148	47395	47158	47556	47323	47691	48028	47608	47157	103.294
	15	47438	47733	47550	47572	47785	47215	47537	47131	47214	47068	47455	47330	103.116
	16	47428	47074	47548	47542	47157	47298	47498	47813	47209	46503	47136	46623	102.718
	17	47925	46803	47553	47900	47176	47331	47708	47481	47269	47488	47856	47688	103.324
	18	47635	47447	47746	47505	46911	47652	47367	47991	47347	47593	46775	47481	103.192
	19	47125	47463	46693	47415	47155	47669	47899	47465	47380	46567	47191	47528	102.848
	20	47600	47292	47000	47556	47057	47234	48102	46926	47593	46891	47189	47255	102.874
	21	47823	47922	47444	47196	48220	47403	47296	47320	47137	47603	47758	47905	103.478
	22	47333	47200	47287	47015	47438	47256	47725	47671	47509	48130	47159	47946	103.232
	23	47765	47836	47772	47728	47636	47261	47054	47063	46929	47908	47415	47481	103.265
28	0	47209	47716	46751	47150	47279	46862	47200	46478	47596	47176	47231	46914	102.489
	1	47064	47334	47569	47245	47112	46930	48020	47222	47852	47961	47617	47473	103.184
	2	47350	47634	47395	47156	47281	47709	47589	47551	47433	47110	47080	46809	102.947
	3	46603	47204	48171	47538	47572	47524	47993	47132	47067	47626	47441	47373	103.155
	4	47745	46880	47115	47352	47199	47824	47417	47700	47476	47456	47391	46948	103.021
	5	47341	48148	46884	47723	47146	47661	47166	47292	47478	47289	47423	47478	103.116
	6	47415	47223	47552	47446	46925	47738	47937	46834	47248	47280	47163	47083	102.902
	7	47624	47140	47450	47108	47353	47321	46927	47339	47655	47843	47543	47606	103.094
	8	46925	47767	47694	47821	47698	47929	47384	47317	47569	47336	47619	47202	103.339
	9	47093	46965	47310	47381	47247	47509	47766	47799	47440	47556	47664	48208	103.280
	10	46993	47041	47242	47449	47722	47281	47177	46976	47589	48243	47838	47556	103.130
	11	47742	46920	47386	47213	47443	47676	46857	47856	47644	47153	47750	46875	103.023
	12	47294	47313	47751	47586	46925	47512	47227	47804	47396	47165	47502	47893	103.178
	13	47129	47265	47589	47615	47064	47729	47170	46910	47676	48007	47228	47286	103.051
	14	47092	47219	47815	47105	47469	46818	47299	46905	47815	47311	47276	47562	102.873
	15	47378	47305	46841	47573	47444	47406	47929	47277	47388	47463	47375	46575	102.921
	16	46858	47474	46587	47092	47584	47693	47979	47564	47848	47425	47549	47541	103.146
	17	47385	47554	47720	47217	46959	46982	47453	47986	47941	47981	47497	47622	103.346
	18	47530	47546	47276	47778	47084	47432	47562	47305	47797	47724	47689	47114	103.262
	19	47344	47433	47352	47547	47552	47395	47432	46766	47452	47505	47998	47683	103.194
	20	47240	47460	46802	47554	47149	47534	47609	47391	47593	46891	47056	47297	102.853
	21	47908	47397	47421	47307	47904	47736	47145	46961	47318	47405	47033	46900	103.008
	22	47758	47301	46813	47383	47728	47721	47110	47117	47416	47053	47259	47929	103.036
	23	46676	47095	47236	46728	47491	48081	47603	47535	47452	47155	46661	47279	102.747

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
29	0	47483	47453	47044	47147	46472	48516	47522	47533	46891	47313	47563	46410	102.811
	1	47116	47381	47652	48054	46994	47256	47925	47567	47807	47886	47239	47387	103.340
	2	47856	47137	47392	47670	47252	47626	47228	47481	47584	47637	47238	47656	103.248
	3	47430	47619	47168	47060	47078	47691	47230	47449	47695	47679	48149	46910	103.140
	4	47580	47163	46650	47550	47430	47488	47355	47292	47577	47285	47515	47139	102.934
	5	46996	47984	47414	47337	47234	47608	47581	47799	47597	47120	47572	47177	103.187
	6	47226	47581	47500	47243	47899	47031	47694	47077	47231	47382	47952	48087	103.275
	7	47956	46766	47607	47422	46761	47414	47645	47559	47321	47236	47262	47649	103.038
	8	47594	47079	47722	47683	47524	47314	46970	47262	48039	47043	47699	48285	103.331
	9	47783	47380	46732	47495	47237	47386	47425	47021	46994	47293	47700	46909	102.813
	10	47062	47754	47693	46766	46768	47093	47705	47683	47353	47918	47621	47460	103.089
	11	47608	47531	47169	47736	47158	46576	47600	47086	47855	47346	47185	46677	102.844
	12	46779	47430	46367	46814	46876	46966	47082	47456	47046	47396	47161	47030	102.278
	13	47645	46709	46775	46615	46804	47291	47096	47715	46867	46255	47026	47383	102.238
	14	47115	47127	47388	46772	47059	46986	47529	47123	47032	46557	46895	46692	102.255
	15	47286	47053	46687	46398	46704	47533	46833	47221	47207	47312	46215	46575	102.028
	16	47103	46621	47262	47265	47759	46774	47113	46856	47209	46723	47260	47732	102.509
	17	47279	47096	47036	47125	46859	46620	46724	46923	47186	46811	47043	47721	102.281
	18	47059	46908	47685	47216	46961	46776	46782	47287	46800	47466	47478	46735	102.414
	19	46785	47235	47078	47062	47768	46897	46549	47084	47241	47127	46815	47054	102.331
	20	47114	47616	47276	46619	47585	47005	46910	47278	46863	46837	47685	47320	102.587
	21	47241	47517	46889	47235	47136	47069	47788	47672	47805	47038	46887	47085	102.814
	22	47453	47514	46903	47307	47628	47036	47050	47273	46584	47831	47922	47494	102.929
	23	47290	47440	47832	47164	47119	46806	47132	46909	47523	47596	47549	47080	102.828
30	0	47117	47322	47005	46740	47156	47769	47488	47919	47347	47633	47439	48056	103.108
	1	46761	47269	48091	47375	47751	47371	47022	47466	47265	47438	46987	47653	103.011
	2	47827	47322	47807	47057	47440	46495	47203	47389	47454	47839	46944	47353	102.953
	3	47426	47260	47446	47465	47777	47073	47645	47669	47659	47969	46751	47567	103.239
	4	47942	47525	46798	47763	47739	47207	47624	48137	47382	47392	47489	47371	103.359
	5	47201	47742	47716	46881	46933	47063	47821	47545	47421	47295	47448	46960	102.934
	6	47762	47822	47726	47063	47930	47579	47798	47425	47181	47375	46999	47626	103.345
	7	47444	47411	47029	47140	47767	47838	47592	47204	47657	47827	47931	47689	103.388
	8	47668	47744	47457	47642	47300	47950	48158	47854	47304	47834	46952	47324	103.508
	9	47772	47240	47592	47676	47299	47363	47575	47724	46785	47742	47998	47631	103.364
	10	47355	46951	47012	47554	47168	47709	47344	47696	47356	47177	47165	47705	102.965
	11	48056	46984	46803	47638	47914	47072	47032	47904	47666	47256	47241	47497	103.122
	12	47174	47396	47673	47322	46644	47332	47359	47489	47024	47913	47296	47486	102.949
	13	47752	47643	46538	47394	47439	48337	47292	47693	47654	46720	47138	47324	103.097
	14	47657	47281	47146	47667	46965	47196	46783	47417	47396	47212	47191	46966	102.726
	15	46865	47839	47133	47715	46773	47422	47250	47752	47261	48072	46824	47453	102.995
	16	47807	46713	47155	47434	47529	46863	47155	47467	47143	47258	46908	46597	102.573
	17	47952	47662	47355	46871	46850	47762	47412	47588	46717	46985	47111	47075	102.811
	18	47146	47595	47732	46603	47537	47623	47148	47072	47069	46889	47560	47742	102.878
	19	47554	47199	47394	47083	47333	47520	46502	47360	47253	47750	47779	48353	103.125
	20	47483	47118	47388	47041	47483	47497	47506	47272	47691	47046	47355	47080	102.923
	21	47280	47278	47153	47488	47819	47145	46867	47852	47243	47135	47714	47429	103.002
	22	47692	47144	47459	47185	47844	47360	47846	47472	47051	47329	46994	47070	103.011
	23	46596	46824	47817	46922	47176	47497	48049	47367	47784	46869	47625	47693	102.969

		S.V.I.R.CO. Observatory - Pressure Corrected Data – October 2009											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
31	0	47279	47502	47185	47463	47277	47469	47510	47615	46924	47068	47513	47719	103.022	
	1	47587	47479	47324	47139	47508	47476	47166	47766	47735	47316	47668	47101	103.159	
	2	47073	47053	47113	47446	47073	47848	47268	47165	46892	47436	47542	47260	102.779	
	3	48054	47600	47457	47352	47798	47385	47563	47743	47479	47102	47450	47315	103.347	
	4	47550	46993	47914	47320	47084	47450	47186	46993	47584	48005	47484	47288	103.084	
	5	47294	46870	47437	47202	47383	47320	46864	47406	47646	47482	48703	48063	103.232	
	6	47118	47848	47585	46892	48199	47385	47885	47345	47229	48252	46810	47657	103.329	
	7	47764	47429	47138	47393	46590	46986	47520	47322	47214	47295	47669	47586	102.912	
	8	47296	46973	47462	47770	47582	47153	47224	47375	47686	47011	48078	47184	103.074	
	9	47829	47776	46858	47674	47729	47242	47355	46542	47951	47003	46869	47170	102.929	
	10	47334	47237	48103	47123	47259	47613	47431	47322	47503	47392	47639	47368	103.170	
	11	47352	46751	46948	46629	47065	47058	47065	48218	47177	47420	47714	47750	102.776	
	12	47484	47698	47083	47329	47673	47950	47487	47112	47323	47482	47705	47570	103.273	
	13	46871	47520	47349	46903	47383	47763	48105	47261	47070	46874	46981	46903	102.745	
	14	47981	48275	47316	47272	47017	47740	47023	46983	46940	47603	47241	47359	103.066	
	15	47394	46995	47087	46961	47114	47282	47527	47285	47641	47192	47801	47380	102.868	
	16	47483	47390	47139	46834	47517	47386	46973	47301	48327	46969	47471	46964	102.885	
	17	47993	46206	47248	46991	48018	47909	47081	47801	47624	46768	47200	47196	102.936	
	18	46850	47510	47437	47361	47562	47118	47592	46545	47745	47528	47481	47791	103.024	
	19	47518	47688	47867	47803	47390	48102	47328	47355	47194	47975	47118	47888	103.514	
	20	47385	47116	47279	47865	47494	47742	47835	47406	46975	47011	47695	47884	103.235	
	21	47631	47759	47826	47255	47376	47293	47925	47561	47607	47965	47424	47660	103.524	
	22	47304	47865	47342	47641	47285	47399	47077	47576	47147	47455	47226	47109	103.007	
	23	47368	47678	47019	47466	47778	48011	47788	47642	48095	47583	47449	47675	103.573	

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
1	0	1015.65	1015.65	1015.63	1015.57	1015.53	1015.50	1015.43	1015.40	1015.40	1015.39	1015.37	1015.28	1015.47
	1	1015.12	1015.05	1015.10	1015.15	1015.18	1015.20	1015.21	1015.18	1015.16	1015.20	1015.18	1015.11	1015.15
	2	1015.10	1015.07	1015.04	1015.11	1015.21	1015.27	1015.24	1015.20	1015.24	1015.30	1015.33	1015.37	1015.20
	3	1015.37	1015.34	1015.34	1015.34	1015.29	1015.24	1015.24	1015.23	1015.20	1015.18	1015.22	1015.27	1015.27
	4	1015.24	1015.19	1015.15	1015.13	1015.09	1015.06	1015.04	1015.00	1014.97	1014.96	1014.97	1015.00	1015.06
	5	1014.96	1014.88	1014.90	1014.96	1014.97	1015.00	1014.95	1014.96	1015.09	1015.20	1015.26	1015.26	1015.03
	6	1015.21	1015.19	1015.21	1015.20	1015.16	1015.13	1015.16	1015.19	1015.19	1015.21	1015.16	1015.09	1015.17
	7	1015.07	1015.03	1015.06	1015.14	1015.15	1015.11	1015.10	1015.02	1014.93	1014.92	1014.88	1014.81	1015.01
	8	1014.82	1014.84	1014.79	1014.73	1014.69	1014.63	1014.56	1014.51	1014.46	1014.46	1014.53	1014.58	1014.63
	9	1014.54	1014.44	1014.46	1014.64	1014.76	1014.74	1014.70	1014.67	1014.59	1014.47	1014.41	1014.41	1014.57
	10	1014.42	1014.41	1014.35	1014.26	1014.18	1014.09	1014.02	1013.96	1013.89	1013.79	1013.69	1013.61	1014.05
	11	1013.46	1013.29	1013.19	1013.07	1012.92	1012.80	1012.75	1012.73	1012.67	1012.61	1012.53	1012.47	1012.87
	12	1012.46	1012.40	1012.31	1012.27	1012.32	1012.37	1012.33	1012.23	1012.16	1012.12	1012.08	1012.05	1012.26
	13	1012.08	1012.10	1012.07	1012.03	1012.01	1012.05	1012.10	1012.13	1012.09	1012.03	1011.97	1011.91	1012.05
	14	1011.85	1011.80	1011.75	1011.67	1011.61	1011.61	1011.61	1011.55	1011.51	1011.52	1011.49	1011.41	1011.61
	15	1011.31	1011.22	1011.13	1011.04	1010.99	1010.92	1010.84	1010.77	1010.72	1010.67	1010.60	1010.55	1010.90
	16	1010.50	1010.48	1010.46	1010.44	1010.41	1010.38	1010.36	1010.34	1010.34	1010.35	1010.32	1010.30	1010.39
	17	1010.30	1010.27	1010.25	1010.24	1010.22	1010.24	1010.25	1010.22	1010.22	1010.27	1010.33	1010.38	1010.26
	18	1010.42	1010.46	1010.49	1010.53	1010.55	1010.57	1010.62	1010.69	1010.75	1010.78	1010.77	1010.78	1010.61
	19	1010.83	1010.90	1011.01	1011.10	1011.14	1011.14	1011.13	1011.12	1011.14	1011.17	1011.13	1011.09	1011.07
	20	1011.14	1011.15	1011.15	1011.13	1011.09	1011.09	1011.05	1011.02	1011.02	1011.05	1011.14	1011.20	1011.10
	21	1011.21	1011.23	1011.23	1011.20	1011.18	1011.18	1011.15	1011.05	1010.95	1010.86	1010.74	1010.65	1011.05
	22	1010.61	1010.58	1010.55	1010.50	1010.46	1010.45	1010.40	1010.31	1010.24	1010.20	1010.13	1010.07	1010.37
	23	1010.05	1010.02	1010.00	1010.01	1010.00	1009.98	1009.95	1009.89	1009.86	1009.81	1009.80	1009.81	1009.93
2	0	1009.74	1009.73	1009.70	1009.66	1009.64	1009.64	1009.60	1009.50	1009.38	1009.28	1009.21	1009.14	1009.51
	1	1009.08	1009.04	1009.04	1009.02	1009.01	1008.98	1008.89	1008.82	1008.75	1008.66	1008.60	1008.55	1008.87
	2	1008.53	1008.52	1008.47	1008.40	1008.37	1008.33	1008.27	1008.24	1008.21	1008.16	1008.10	1008.08	1008.30
	3	1008.08	1008.05	1007.99	1007.96	1007.95	1007.92	1007.89	1007.86	1007.82	1007.80	1007.76	1007.74	1007.90
	4	1007.75	1007.76	1007.73	1007.65	1007.55	1007.50	1007.50	1007.50	1007.47	1007.45	1007.44	1007.44	1007.56
	5	1007.46	1007.47	1007.47	1007.46	1007.44	1007.42	1007.41	1007.42	1007.44	1007.46	1007.47	1007.48	1007.45
	6	1007.44	1007.35	1007.29	1007.26	1007.23	1007.22	1007.21	1007.21	1007.20	1007.18	1007.21	1007.26	1007.25
	7	1007.33	1007.40	1007.47	1007.50	1007.53	1007.60	1007.68	1007.73	1007.73	1007.73	1007.75	1007.78	1007.60
	8	1007.81	1007.82	1007.82	1007.81	1007.79	1007.79	1007.81	1007.80	1007.76	1007.74	1007.71	1007.67	1007.78
	9	1007.67	1007.70	1007.74	1007.75	1007.70	1007.68	1007.70	1007.71	1007.69	1007.64	1007.58	1007.54	1007.67
	10	1007.53	1007.54	1007.53	1007.50	1007.43	1007.38	1007.37	1007.37	1007.37	1007.35	1007.28	1007.18	1007.40
	11	1007.11	1007.03	1006.93	1006.84	1006.79	1006.74	1006.69	1006.63	1006.55	1006.47	1006.39	1006.32	1006.71
	12	1006.27	1006.23	1006.15	1006.05	1005.99	1005.93	1005.88	1005.88	1005.86	1005.79	1005.70	1005.62	1005.94
	13	1005.54	1005.47	1005.44	1005.42	1005.39	1005.34	1005.29	1005.24	1005.22	1005.21	1005.17	1005.14	1005.32
	14	1005.11	1005.09	1005.07	1005.07	1005.07	1005.08	1005.13	1005.14	1005.11	1005.08	1005.05	1005.05	1005.08
	15	1005.05	1005.06	1005.08	1005.10	1005.14	1005.14	1005.12	1005.14	1005.19	1005.23	1005.23	1005.20	1005.14
	16	1005.19	1005.19	1005.17	1005.13	1005.11	1005.15	1005.18	1005.20	1005.22	1005.22	1005.22	1005.17	1005.18
	17	1005.14	1005.17	1005.24	1005.32	1005.40	1005.50	1005.57	1005.64	1005.83	1006.12	1006.32	1006.36	1005.63
	18	1006.26	1006.20	1006.27	1006.30	1006.31	1006.38	1006.50	1006.56	1006.55	1006.51	1006.48	1006.47	1006.40
	19	1006.44	1006.48	1006.57	1006.61	1006.67	1006.78	1006.82	1006.85	1006.91	1006.97	1007.03	1007.08	1006.77
	20	1007.13	1007.19	1007.21	1007.20	1007.24	1007.29	1007.33	1007.42	1007.49	1007.50	1007.53	1007.56	1007.34
	21	1007.58	1007.55	1007.53	1007.55	1007.53	1007.51	1007.55	1007.58	1007.61	1007.62	1007.63	1007.64	1007.57
	22	1007.66	1007.71	1007.71	1007.67	1007.63	1007.61	1007.63	1007.66	1007.67	1007.69	1007.70	1007.71	1007.67
	23	1007.78	1007.85	1007.91	1007.95	1008.00	1008.04	1008.04	1008.03	1008.04	1008.08	1008.12	1008.15	1008.00

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
3	0	1008.18	1008.19	1008.19	1008.18	1008.18	1008.19	1008.21	1008.22	1008.20	1008.18	1008.18	1008.17	1008.19
	1	1008.13	1008.10	1008.08	1008.08	1008.13	1008.12	1008.11	1008.14	1008.14	1008.13	1008.16	1008.19	1008.12
	2	1008.17	1008.14	1008.13	1008.13	1008.15	1008.18	1008.22	1008.25	1008.22	1008.21	1008.23	1008.22	1008.19
	3	1008.21	1008.24	1008.28	1008.30	1008.32	1008.37	1008.43	1008.49	1008.52	1008.53	1008.54	1008.57	1008.40
	4	1008.62	1008.65	1008.68	1008.73	1008.75	1008.74	1008.74	1008.75	1008.77	1008.78	1008.78	1008.82	1008.73
	5	1008.88	1008.94	1009.03	1009.11	1009.12	1009.11	1009.17	1009.27	1009.33	1009.40	1009.47	1009.52	1009.19
	6	1009.59	1009.65	1009.67	1009.67	1009.68	1009.71	1009.75	1009.82	1009.86	1009.90	1009.95	1010.01	1009.77
	7	1010.08	1010.11	1010.13	1010.18	1010.27	1010.34	1010.39	1010.44	1010.48	1010.52	1010.58	1010.69	1010.35
	8	1010.78	1010.80	1010.85	1010.91	1010.96	1011.01	1011.07	1011.13	1011.16	1011.17	1011.19	1011.24	1011.02
	9	1011.28	1011.28	1011.28	1011.29	1011.34	1011.38	1011.41	1011.42	1011.39	1011.34	1011.31	1011.32	1011.33
	10	1011.36	1011.40	1011.42	1011.44	1011.42	1011.39	1011.40	1011.41	1011.42	1011.40	1011.35	1011.28	1011.39
	11	1011.23	1011.20	1011.21	1011.22	1011.21	1011.20	1011.18	1011.15	1011.11	1011.07	1011.04	1011.02	1011.15
	12	1011.02	1011.02	1010.99	1010.97	1010.97	1010.99	1011.01	1011.00	1010.97	1010.90	1010.85	1010.84	1010.96
	13	1010.85	1010.86	1010.83	1010.81	1010.84	1010.89	1010.93	1010.92	1010.93	1010.94	1010.91	1010.91	1010.88
	14	1010.91	1010.93	1010.94	1010.91	1010.90	1010.92	1010.94	1010.95	1010.98	1010.96	1010.93	1010.90	1010.93
	15	1010.92	1010.95	1010.99	1011.00	1010.98	1011.01	1011.06	1011.10	1011.15	1011.25	1011.34	1011.41	1011.09
	16	1011.45	1011.47	1011.49	1011.50	1011.51	1011.50	1011.52	1011.58	1011.64	1011.70	1011.77	1011.86	1011.58
	17	1011.95	1012.02	1012.10	1012.17	1012.22	1012.26	1012.32	1012.37	1012.40	1012.44	1012.49	1012.50	1012.27
	18	1012.51	1012.54	1012.58	1012.62	1012.65	1012.67	1012.67	1012.70	1012.77	1012.82	1012.85	1012.90	1012.69
	19	1012.95	1013.03	1013.10	1013.12	1013.16	1013.22	1013.27	1013.32	1013.37	1013.45	1013.50	1013.55	1013.25
	20	1013.60	1013.63	1013.66	1013.70	1013.72	1013.73	1013.77	1013.81	1013.82	1013.80	1013.80	1013.82	1013.73
	21	1013.86	1013.91	1013.94	1013.95	1013.96	1013.96	1013.95	1013.93	1013.93	1013.95	1013.98	1014.01	1013.94
	22	1014.03	1014.03	1014.04	1014.06	1014.07	1014.09	1014.11	1014.12	1014.13	1014.13	1014.14	1014.15	1014.09
	23	1014.17	1014.20	1014.23	1014.24	1014.26	1014.30	1014.31	1014.30	1014.31	1014.32	1014.34	1014.34	1014.28
4	0	1014.32	1014.32	1014.33	1014.36	1014.40	1014.44	1014.46	1014.45	1014.44	1014.45	1014.47	1014.47	1014.41
	1	1014.47	1014.48	1014.47	1014.47	1014.47	1014.48	1014.51	1014.54	1014.55	1014.51	1014.49	1014.52	1014.49
	2	1014.55	1014.53	1014.51	1014.51	1014.53	1014.53	1014.49	1014.47	1014.49	1014.51	1014.48	1014.44	1014.50
	3	1014.40	1014.41	1014.41	1014.34	1014.27	1014.25	1014.26	1014.31	1014.37	1014.39	1014.39	1014.39	1014.35
	4	1014.41	1014.46	1014.46	1014.41	1014.38	1014.38	1014.37	1014.35	1014.36	1014.39	1014.42	1014.44	1014.40
	5	1014.44	1014.43	1014.42	1014.44	1014.48	1014.53	1014.56	1014.58	1014.64	1014.70	1014.75	1014.79	1014.56
	6	1014.83	1014.90	1014.94	1015.01	1015.12	1015.20	1015.28	1015.37	1015.42	1015.47	1015.53	1015.56	1015.22
	7	1015.58	1015.60	1015.63	1015.66	1015.69	1015.72	1015.74	1015.76	1015.79	1015.85	1015.89	1015.94	1015.74
	8	1015.97	1015.97	1015.99	1016.01	1016.02	1016.00	1015.99	1015.97	1015.97	1016.02	1016.05	1016.01	1016.00
	9	1015.99	1016.01	1016.00	1015.98	1015.95	1015.92	1015.94	1015.94	1015.92	1015.91	1015.88	1015.87	1015.94
	10	1015.86	1015.83	1015.82	1015.81	1015.81	1015.82	1015.80	1015.81	1015.81	1015.78	1015.74	1015.72	1015.80
	11	1015.69	1015.62	1015.57	1015.50	1015.43	1015.38	1015.34	1015.32	1015.32	1015.31	1015.26	1015.21	1015.41
	12	1015.18	1015.10	1015.05	1015.03	1015.02	1014.99	1014.95	1014.92	1014.89	1014.85	1014.82	1014.78	1014.96
	13	1014.74	1014.74	1014.77	1014.79	1014.82	1014.82	1014.82	1014.84	1014.84	1014.84	1014.87	1014.90	1014.81
	14	1014.85	1014.82	1014.82	1014.78	1014.75	1014.73	1014.71	1014.70	1014.70	1014.69	1014.71	1014.72	1014.75
	15	1014.71	1014.70	1014.72	1014.75	1014.79	1014.82	1014.83	1014.87	1014.91	1014.93	1014.95	1014.97	1014.83
	16	1015.00	1015.01	1015.00	1014.96	1014.93	1014.95	1014.98	1015.04	1015.09	1015.10	1015.13	1015.18	1015.03
	17	1015.27	1015.37	1015.44	1015.50	1015.54	1015.60	1015.66	1015.70	1015.75	1015.78	1015.79	1015.83	1015.60
	18	1015.87	1015.91	1015.93	1015.97	1016.02	1016.06	1016.09	1016.13	1016.18	1016.20	1016.19	1016.18	1016.06
	19	1016.23	1016.33	1016.40	1016.46	1016.50	1016.57	1016.67	1016.73	1016.82	1016.90	1016.97	1017.05	1016.63
	20	1017.10	1017.13	1017.18	1017.22	1017.23	1017.24	1017.27	1017.34	1017.39	1017.42	1017.45	1017.45	1017.28
	21	1017.49	1017.56	1017.59	1017.62	1017.67	1017.68	1017.67	1017.64	1017.61	1017.60	1017.59	1017.56	1017.60
	22	1017.54	1017.55	1017.57	1017.59	1017.61	1017.63	1017.64	1017.65	1017.67	1017.69	1017.69	1017.65	1017.62
	23	1017.64	1017.63	1017.58	1017.56	1017.59	1017.58	1017.56	1017.60	1017.66	1017.66	1017.64	1017.63	1017.61

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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	1017.60	1017.62	1017.64	1017.65	1017.68	1017.69	1017.68	1017.69	1017.68	1017.64	1017.62	1017.56	1017.65
	1	1017.49	1017.47	1017.44	1017.42	1017.42	1017.45	1017.50	1017.52	1017.51	1017.51	1017.48	1017.42	1017.47
	2	1017.39	1017.42	1017.47	1017.51	1017.52	1017.53	1017.55	1017.57	1017.58	1017.61	1017.67	1017.67	1017.54
	3	1017.66	1017.67	1017.64	1017.64	1017.67	1017.70	1017.71	1017.70	1017.73	1017.76	1017.77	1017.81	1017.70
	4	1017.88	1017.92	1017.94	1017.95	1017.96	1018.00	1018.07	1018.13	1018.16	1018.18	1018.20	1018.25	1018.05
	5	1018.32	1018.38	1018.41	1018.44	1018.49	1018.53	1018.55	1018.60	1018.66	1018.72	1018.79	1018.85	1018.56
	6	1018.91	1018.97	1019.02	1019.05	1019.07	1019.11	1019.15	1019.22	1019.30	1019.36	1019.42	1019.48	1019.17
	7	1019.53	1019.57	1019.61	1019.64	1019.71	1019.73	1019.74	1019.83	1019.89	1019.94	1020.01	1020.06	1019.77
	8	1020.09	1020.12	1020.12	1020.13	1020.15	1020.14	1020.12	1020.13	1020.16	1020.18	1020.20	1020.22	1020.14
	9	1020.24	1020.26	1020.26	1020.26	1020.26	1020.24	1020.21	1020.16	1020.16	1020.17	1020.17	1020.20	1020.21
	10	1020.24	1020.25	1020.26	1020.29	1020.27	1020.20	1020.16	1020.11	1020.05	1020.05	1020.03	1019.96	1020.15
	11	1019.90	1019.85	1019.82	1019.79	1019.74	1019.69	1019.68	1019.68	1019.65	1019.64	1019.64	1019.61	1019.72
	12	1019.60	1019.59	1019.55	1019.50	1019.46	1019.42	1019.39	1019.39	1019.41	1019.41	1019.40	1019.37	1019.45
	13	1019.37	1019.38	1019.36	1019.32	1019.31	1019.29	1019.28	1019.25	1019.17	1019.14	1019.15	1019.14	1019.26
	14	1019.11	1019.11	1019.15	1019.19	1019.23	1019.25	1019.29	1019.32	1019.34	1019.37	1019.39	1019.40	1019.26
	15	1019.41	1019.44	1019.45	1019.47	1019.52	1019.58	1019.61	1019.62	1019.63	1019.63	1019.65	1019.68	1019.55
	16	1019.69	1019.70	1019.69	1019.67	1019.67	1019.69	1019.73	1019.79	1019.86	1019.91	1019.96	1020.03	1019.78
	17	1020.10	1020.14	1020.15	1020.22	1020.30	1020.36	1020.39	1020.42	1020.43	1020.46	1020.51	1020.57	1020.33
	18	1020.60	1020.60	1020.62	1020.67	1020.74	1020.82	1020.91	1020.95	1020.97	1020.99	1021.01	1021.04	1020.82
	19	1021.06	1021.08	1021.11	1021.14	1021.17	1021.22	1021.23	1021.23	1021.29	1021.32	1021.31	1021.32	1021.20
	20	1021.35	1021.37	1021.39	1021.40	1021.41	1021.46	1021.52	1021.56	1021.60	1021.63	1021.66	1021.68	1021.50
	21	1021.69	1021.66	1021.62	1021.59	1021.57	1021.58	1021.64	1021.70	1021.74	1021.74	1021.73	1021.74	1021.66
	22	1021.74	1021.71	1021.65	1021.59	1021.57	1021.56	1021.58	1021.62	1021.65	1021.71	1021.74	1021.74	1021.65
	23	1021.76	1021.79	1021.78	1021.79	1021.82	1021.82	1021.79	1021.72	1021.69	1021.73	1021.78	1021.76	1021.77
6	0	1021.74	1021.74	1021.77	1021.78	1021.73	1021.72	1021.77	1021.79	1021.75	1021.72	1021.71	1021.66	1021.74
	1	1021.60	1021.53	1021.52	1021.59	1021.67	1021.71	1021.70	1021.69	1021.67	1021.67	1021.70	1021.65	1021.64
	2	1021.63	1021.71	1021.77	1021.81	1021.81	1021.77	1021.74	1021.74	1021.76	1021.78	1021.77	1021.75	1021.75
	3	1021.74	1021.73	1021.72	1021.73	1021.72	1021.71	1021.71	1021.69	1021.65	1021.66	1021.67	1021.64	1021.70
	4	1021.62	1021.65	1021.68	1021.68	1021.70	1021.72	1021.71	1021.71	1021.72	1021.68	1021.71	1021.78	1021.69
	5	1021.82	1021.83	1021.82	1021.82	1021.83	1021.85	1021.86	1021.89	1021.96	1022.02	1022.07	1022.10	1021.90
	6	1022.12	1022.16	1022.22	1022.27	1022.31	1022.35	1022.40	1022.44	1022.47	1022.48	1022.48	1022.48	1022.35
	7	1022.49	1022.50	1022.52	1022.56	1022.61	1022.61	1022.60	1022.60	1022.63	1022.66	1022.67	1022.65	1022.59
	8	1022.68	1022.76	1022.77	1022.74	1022.74	1022.76	1022.79	1022.77	1022.75	1022.72	1022.71	1022.76	1022.74
	9	1022.82	1022.87	1022.90	1022.91	1022.94	1022.94	1022.88	1022.84	1022.86	1022.85	1022.87	1022.91	1022.88
	10	1022.89	1022.87	1022.84	1022.80	1022.76	1022.74	1022.71	1022.67	1022.65	1022.63	1022.58	1022.53	1022.72
	11	1022.48	1022.47	1022.43	1022.32	1022.24	1022.17	1022.10	1022.02	1021.93	1021.86	1021.77	1021.68	1022.12
	12	1021.65	1021.62	1021.58	1021.52	1021.44	1021.40	1021.37	1021.36	1021.36	1021.37	1021.39	1021.33	1021.45
	13	1021.29	1021.32	1021.34	1021.31	1021.34	1021.39	1021.41	1021.42	1021.40	1021.41	1021.43	1021.46	1021.37
	14	1021.49	1021.49	1021.46	1021.43	1021.40	1021.36	1021.33	1021.31	1021.28	1021.29	1021.31	1021.34	1021.37
	15	1021.35	1021.34	1021.31	1021.30	1021.33	1021.34	1021.35	1021.40	1021.42	1021.45	1021.48	1021.50	1021.38
	16	1021.52	1021.50	1021.47	1021.44	1021.41	1021.38	1021.36	1021.36	1021.36	1021.38	1021.40	1021.44	1021.42
	17	1021.44	1021.47	1021.60	1021.70	1021.74	1021.74	1021.73	1021.75	1021.79	1021.82	1021.85	1021.90	1021.71
	18	1021.94	1021.94	1021.94	1021.95	1021.95	1021.94	1021.93	1021.92	1021.93	1021.95	1021.96	1021.98	1021.94
	19	1022.01	1022.02	1022.02	1022.01	1022.00	1022.01	1022.01	1022.02	1022.04	1022.06	1022.08	1022.11	1022.03
	20	1022.13	1022.14	1022.15	1022.18	1022.19	1022.18	1022.21	1022.27	1022.29	1022.29	1022.29	1022.27	1022.21
	21	1022.25	1022.26	1022.27	1022.28	1022.28	1022.28	1022.26	1022.23	1022.19	1022.13	1022.09	1022.09	1022.22
	22	1022.09	1022.07	1022.03	1022.02	1022.03	1022.02	1022.00	1021.96	1021.93	1021.91	1021.90	1021.92	1021.99
	23	1021.95	1021.96	1021.95	1021.93	1021.94	1021.98	1021.97	1021.93	1021.88	1021.87	1021.91	1021.92	1021.93

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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	1021.93	1021.94	1021.95	1021.95	1021.95	1021.95	1021.96	1021.94	1021.92	1021.90	1021.87	1021.85	1021.92
	1	1021.82	1021.77	1021.73	1021.69	1021.67	1021.65	1021.63	1021.61	1021.60	1021.59	1021.59	1021.60	1021.66
	2	1021.61	1021.58	1021.60	1021.61	1021.59	1021.60	1021.61	1021.63	1021.62	1021.61	1021.62	1021.60	1021.60
	3	1021.56	1021.52	1021.52	1021.53	1021.54	1021.54	1021.51	1021.49	1021.48	1021.49	1021.51	1021.49	1021.51
	4	1021.45	1021.43	1021.44	1021.45	1021.43	1021.41	1021.41	1021.42	1021.44	1021.44	1021.42	1021.42	1021.43
	5	1021.41	1021.40	1021.41	1021.42	1021.41	1021.42	1021.45	1021.46	1021.45	1021.47	1021.47	1021.48	1021.44
	6	1021.50	1021.50	1021.50	1021.53	1021.58	1021.62	1021.68	1021.73	1021.76	1021.80	1021.83	1021.90	1021.66
	7	1022.00	1022.05	1022.06	1022.06	1022.06	1022.09	1022.12	1022.14	1022.15	1022.15	1022.16	1022.19	1022.10
	8	1022.23	1022.25	1022.24	1022.23	1022.23	1022.23	1022.20	1022.18	1022.16	1022.15	1022.13	1022.09	1022.19
	9	1022.02	1021.98	1021.95	1021.92	1021.89	1021.87	1021.88	1021.85	1021.80	1021.77	1021.77	1021.77	1021.87
	10	1021.71	1021.67	1021.66	1021.60	1021.54	1021.52	1021.47	1021.41	1021.38	1021.36	1021.30	1021.22	1021.49
	11	1021.15	1021.05	1020.97	1020.91	1020.83	1020.79	1020.72	1020.62	1020.56	1020.54	1020.49	1020.44	1020.75
	12	1020.42	1020.39	1020.33	1020.26	1020.21	1020.14	1020.09	1020.05	1020.02	1020.01	1019.98	1019.95	1020.15
	13	1019.92	1019.89	1019.87	1019.83	1019.80	1019.77	1019.73	1019.69	1019.66	1019.64	1019.63	1019.58	1019.75
	14	1019.54	1019.53	1019.53	1019.52	1019.49	1019.50	1019.50	1019.49	1019.48	1019.46	1019.44	1019.42	1019.49
	15	1019.39	1019.35	1019.34	1019.33	1019.31	1019.29	1019.26	1019.23	1019.22	1019.24	1019.25	1019.25	1019.29
	16	1019.26	1019.28	1019.26	1019.22	1019.19	1019.16	1019.16	1019.18	1019.22	1019.24	1019.24	1019.24	1019.22
	17	1019.23	1019.21	1019.22	1019.25	1019.29	1019.33	1019.34	1019.37	1019.42	1019.45	1019.44	1019.44	1019.33
	18	1019.44	1019.45	1019.48	1019.51	1019.55	1019.58	1019.60	1019.63	1019.63	1019.60	1019.59	1019.61	1019.55
	19	1019.64	1019.63	1019.61	1019.61	1019.62	1019.67	1019.71	1019.71	1019.71	1019.72	1019.71	1019.71	1019.67
	20	1019.72	1019.72	1019.71	1019.71	1019.71	1019.70	1019.66	1019.60	1019.54	1019.50	1019.49	1019.48	1019.63
	21	1019.49	1019.50	1019.49	1019.47	1019.44	1019.40	1019.38	1019.36	1019.32	1019.28	1019.23	1019.20	1019.38
	22	1019.22	1019.25	1019.30	1019.30	1019.22	1019.16	1019.12	1019.10	1019.11	1019.10	1019.09	1019.10	1019.17
	23	1019.11	1019.11	1019.12	1019.13	1019.13	1019.13	1019.13	1019.12	1019.10	1019.08	1019.08	1019.09	1019.11
8	0	1019.07	1019.05	1019.02	1018.99	1018.94	1018.89	1018.88	1018.89	1018.87	1018.83	1018.78	1018.72	1018.90
	1	1018.69	1018.68	1018.65	1018.58	1018.49	1018.45	1018.43	1018.40	1018.36	1018.31	1018.28	1018.28	1018.46
	2	1018.26	1018.23	1018.20	1018.18	1018.17	1018.17	1018.15	1018.16	1018.17	1018.15	1018.14	1018.13	1018.17
	3	1018.12	1018.10	1018.08	1018.06	1018.04	1018.03	1018.02	1018.00	1017.98	1017.96	1017.94	1017.92	1018.02
	4	1017.92	1017.93	1017.95	1017.96	1017.97	1017.99	1017.98	1017.94	1017.92	1017.92	1017.93	1017.97	1017.95
	5	1017.98	1017.99	1018.02	1018.07	1018.10	1018.09	1018.08	1018.09	1018.12	1018.13	1018.15	1018.20	1018.08
	6	1018.23	1018.24	1018.26	1018.29	1018.29	1018.30	1018.38	1018.44	1018.46	1018.45	1018.44	1018.48	1018.35
	7	1018.52	1018.51	1018.48	1018.49	1018.53	1018.53	1018.49	1018.47	1018.48	1018.50	1018.46	1018.39	1018.48
	8	1018.36	1018.35	1018.37	1018.39	1018.36	1018.31	1018.28	1018.28	1018.30	1018.31	1018.28	1018.25	1018.32
	9	1018.25	1018.22	1018.19	1018.16	1018.16	1018.16	1018.14	1018.14	1018.15	1018.17	1018.20	1018.24	1018.18
	10	1018.28	1018.27	1018.24	1018.21	1018.16	1018.12	1018.08	1018.04	1017.98	1017.91	1017.84	1017.77	1018.07
	11	1017.69	1017.61	1017.53	1017.46	1017.37	1017.31	1017.29	1017.22	1017.15	1017.12	1017.08	1017.03	1017.32
	12	1017.00	1016.97	1016.93	1016.90	1016.89	1016.91	1016.93	1016.93	1016.93	1016.92	1016.89	1016.85	1016.92
	13	1016.83	1016.79	1016.75	1016.73	1016.72	1016.69	1016.65	1016.62	1016.59	1016.57	1016.55	1016.51	1016.67
	14	1016.46	1016.44	1016.43	1016.42	1016.41	1016.39	1016.36	1016.31	1016.25	1016.21	1016.16	1016.09	1016.33
	15	1016.07	1016.08	1016.05	1016.00	1015.97	1015.95	1015.94	1015.95	1015.98	1016.02	1016.06	1016.09	1016.01
	16	1016.11	1016.14	1016.14	1016.15	1016.18	1016.20	1016.22	1016.27	1016.32	1016.37	1016.42	1016.42	1016.24
	17	1016.40	1016.41	1016.41	1016.41	1016.45	1016.48	1016.52	1016.59	1016.64	1016.67	1016.68	1016.70	1016.53
	18	1016.73	1016.75	1016.76	1016.74	1016.72	1016.76	1016.80	1016.84	1016.88	1016.88	1016.87	1016.89	1016.80
	19	1016.89	1016.86	1016.84	1016.85	1016.84	1016.83	1016.83	1016.83	1016.83	1016.85	1016.88	1016.91	1016.85
	20	1016.96	1017.00	1017.04	1017.07	1017.10	1017.13	1017.09	1017.07	1017.08	1017.07	1017.04	1017.00	1017.05
	21	1016.94	1016.94	1017.00	1017.07	1017.11	1017.12	1017.11	1017.05	1017.00	1016.97	1016.90	1016.84	1017.00
	22	1016.83	1016.82	1016.78	1016.74	1016.71	1016.71	1016.69	1016.66	1016.63	1016.60	1016.58	1016.57	1016.69
	23	1016.56	1016.56	1016.57	1016.53	1016.47	1016.44	1016.48	1016.55	1016.58	1016.61	1016.67	1016.72	1016.56

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	1016.71	1016.71	1016.69	1016.71	1016.77	1016.82	1016.84	1016.83	1016.80	1016.77	1016.75	1016.72	1016.76
	1	1016.70	1016.67	1016.62	1016.61	1016.62	1016.60	1016.57	1016.54	1016.51	1016.48	1016.45	1016.39	1016.56
	2	1016.38	1016.42	1016.42	1016.40	1016.38	1016.34	1016.30	1016.32	1016.34	1016.34	1016.37	1016.41	1016.37
	3	1016.42	1016.41	1016.37	1016.34	1016.37	1016.40	1016.40	1016.42	1016.47	1016.48	1016.48	1016.54	1016.42
	4	1016.59	1016.63	1016.67	1016.69	1016.69	1016.73	1016.79	1016.78	1016.74	1016.72	1016.71	1016.68	1016.70
	5	1016.68	1016.67	1016.61	1016.60	1016.62	1016.66	1016.68	1016.69	1016.75	1016.79	1016.78	1016.75	1016.69
	6	1016.74	1016.79	1016.81	1016.83	1016.83	1016.82	1016.84	1016.84	1016.84	1016.94	1017.03	1017.11	1016.87
	7	1017.17	1017.18	1017.15	1017.12	1017.12	1017.13	1017.13	1017.14	1017.15	1017.12	1017.07	1017.06	1017.13
	8	1017.06	1017.05	1017.06	1017.09	1017.13	1017.14	1017.06	1016.93	1016.85	1016.86	1016.89	1016.91	1017.00
	9	1016.93	1016.94	1016.93	1016.92	1016.89	1016.87	1016.87	1016.85	1016.86	1016.88	1016.88	1016.83	1016.89
	10	1016.74	1016.69	1016.68	1016.68	1016.68	1016.68	1016.69	1016.70	1016.66	1016.62	1016.55	1016.47	1016.65
	11	1016.49	1016.49	1016.42	1016.36	1016.32	1016.30	1016.24	1016.13	1016.07	1016.02	1015.99	1016.03	1016.24
	12	1016.07	1016.07	1016.09	1016.09	1016.02	1015.95	1015.90	1015.89	1015.90	1015.88	1015.85	1015.83	1015.96
	13	1015.85	1015.87	1015.83	1015.77	1015.68	1015.60	1015.58	1015.59	1015.57	1015.52	1015.51	1015.50	1015.65
	14	1015.48	1015.47	1015.45	1015.44	1015.41	1015.36	1015.35	1015.34	1015.29	1015.22	1015.16	1015.13	1015.34
	15	1015.11	1015.08	1015.03	1014.95	1014.92	1014.92	1014.91	1014.88	1014.87	1014.88	1014.88	1014.89	1014.94
	16	1014.88	1014.92	1014.99	1015.06	1015.11	1015.14	1015.16	1015.19	1015.20	1015.24	1015.28	1015.27	1015.12
	17	1015.25	1015.27	1015.35	1015.45	1015.53	1015.58	1015.63	1015.74	1015.86	1015.94	1015.95	1015.87	1015.62
	18	1015.83	1015.83	1015.81	1015.83	1015.88	1015.91	1015.89	1015.87	1015.87	1015.89	1015.97	1016.02	1015.88
	19	1016.03	1016.03	1016.05	1016.08	1016.10	1016.21	1016.35	1016.43	1016.52	1016.62	1016.64	1016.62	1016.30
	20	1016.64	1016.67	1016.60	1016.55	1016.60	1016.59	1016.49	1016.40	1016.35	1016.31	1016.24	1016.18	1016.47
	21	1016.14	1016.01	1015.88	1015.81	1015.74	1015.64	1015.56	1015.53	1015.50	1015.39	1015.31	1015.37	1015.65
	22	1015.45	1015.49	1015.55	1015.61	1015.66	1015.73	1015.77	1015.86	1015.99	1015.98	1015.90	1015.77	1015.73
	23	1015.74	1015.77	1015.75	1015.74	1015.73	1015.72	1015.78	1015.86	1015.74	1015.59	1015.52	1015.40	1015.69
10	0	1015.27	1015.25	1015.10	1014.97	1014.79	1014.55	1014.44	1014.58	1014.72	1014.64	1014.50	1014.38	1014.74
	1	1014.26	1014.27	1014.26	1014.22	1014.29	1014.31	1014.30	1014.24	1014.11	1013.92	1013.82	1013.86	1014.15
	2	1013.94	1013.95	1013.95	1013.96	1013.91	1013.78	1013.69	1013.70	1013.71	1013.69	1013.63	1013.59	1013.79
	3	1013.62	1013.69	1013.79	1013.85	1013.88	1013.89	1013.83	1013.77	1013.79	1013.87	1013.95	1013.93	1013.82
	4	1013.80	1013.64	1013.64	1013.71	1013.64	1013.57	1013.58	1013.59	1013.54	1013.58	1013.69	1013.83	1013.65
	5	1013.93	1014.22	1014.65	1014.55	1014.29	1014.35	1014.50	1014.74	1014.67	1014.42	1014.38	1014.66	1014.44
	6	1015.41	1016.05	1015.76	1015.06	1014.66	1014.46	1014.74	1015.23	1015.40	1015.33	1015.29	1015.28	1015.22
	7	1015.22	1015.16	1015.14	1015.07	1015.09	1015.18	1015.16	1015.08	1014.93	1014.88	1014.81	1014.68	1015.03
	8	1014.68	1014.62	1014.51	1014.37	1014.25	1014.20	1014.18	1014.20	1014.23	1014.27	1014.30	1014.26	1014.34
	9	1014.24	1014.25	1014.23	1014.18	1014.15	1014.13	1014.08	1014.02	1013.97	1013.91	1013.84	1013.81	1014.07
	10	1013.81	1013.81	1013.83	1013.84	1013.81	1013.75	1013.69	1013.65	1013.61	1013.56	1013.53	1013.47	1013.70
	11	1013.37	1013.30	1013.21	1013.12	1013.09	1013.03	1012.97	1012.92	1012.84	1012.76	1012.67	1012.59	1012.99
	12	1012.53	1012.47	1012.41	1012.36	1012.31	1012.23	1012.17	1012.15	1012.13	1012.12	1012.11	1012.08	1012.25
	13	1012.09	1012.12	1012.11	1012.10	1012.08	1012.04	1012.04	1012.04	1012.03	1012.01	1011.98	1011.94	1012.05
	14	1011.90	1011.89	1011.88	1011.87	1011.88	1011.91	1011.90	1011.90	1011.96	1011.96	1011.93	1011.93	1011.91
	15	1011.95	1011.97	1011.97	1011.99	1012.00	1011.96	1011.94	1011.94	1011.94	1011.92	1011.90	1011.90	1011.95
	16	1011.93	1011.92	1011.90	1011.92	1011.93	1011.95	1011.96	1011.96	1011.99	1012.00	1012.01	1012.04	1011.96
	17	1012.04	1012.04	1012.07	1012.10	1012.11	1012.13	1012.18	1012.23	1012.26	1012.31	1012.38	1012.41	1012.19
	18	1012.45	1012.45	1012.44	1012.43	1012.43	1012.41	1012.34	1012.32	1012.36	1012.40	1012.39	1012.32	1012.39
	19	1012.36	1012.40	1012.36	1012.32	1012.27	1012.24	1012.27	1012.33	1012.36	1012.36	1012.31	1012.27	1012.32
	20	1012.27	1012.26	1012.28	1012.30	1012.26	1012.22	1012.20	1012.16	1012.16	1012.15	1012.12	1012.14	1012.21
	21	1012.19	1012.15	1012.10	1012.04	1011.93	1011.84	1011.76	1011.72	1011.71	1011.72	1011.80	1011.83	1011.90
	22	1011.77	1011.77	1011.74	1011.68	1011.63	1011.57	1011.54	1011.47	1011.39	1011.38	1011.40	1011.43	1011.56
	23	1011.51	1011.51	1011.52	1011.57	1011.56	1011.57	1011.55	1011.50	1011.55	1011.61	1011.58	1011.49	1011.54

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1011.36	1011.34	1011.29	1011.26	1011.28	1011.34	1011.39	1011.42	1011.45	1011.47	1011.57	1011.72	1011.41
	1	1011.69	1011.53	1011.45	1011.42	1011.43	1011.47	1011.43	1011.37	1011.43	1011.59	1011.65	1011.61	1011.50
	2	1011.52	1011.33	1011.17	1011.15	1011.22	1011.28	1011.34	1011.35	1011.28	1011.28	1011.31	1011.31	1011.29
	3	1011.32	1011.32	1011.29	1011.29	1011.38	1011.46	1011.51	1011.52	1011.43	1011.32	1011.29	1011.26	1011.36
	4	1011.16	1011.03	1010.97	1010.93	1010.84	1010.76	1010.67	1010.53	1010.42	1010.41	1010.43	1010.44	1010.71
	5	1010.43	1010.44	1010.51	1010.59	1010.63	1010.64	1010.70	1010.81	1010.94	1011.02	1011.03	1011.06	1010.73
	6	1011.15	1011.21	1011.22	1011.23	1011.25	1011.27	1011.23	1011.25	1011.34	1011.40	1011.43	1011.49	1011.29
	7	1011.57	1011.63	1011.67	1011.72	1011.77	1011.83	1011.89	1011.93	1011.95	1011.97	1012.02	1012.04	1011.83
	8	1012.02	1012.03	1012.06	1012.08	1012.09	1012.11	1012.13	1012.13	1012.14	1012.15	1012.18	1012.19	1012.11
	9	1012.19	1012.18	1012.17	1012.20	1012.22	1012.18	1012.15	1012.19	1012.22	1012.21	1012.22	1012.24	1012.20
	10	1012.24	1012.25	1012.27	1012.26	1012.21	1012.15	1012.08	1012.01	1011.97	1011.94	1011.89	1011.82	1012.09
	11	1011.77	1011.73	1011.70	1011.63	1011.56	1011.49	1011.44	1011.43	1011.41	1011.37	1011.30	1011.22	1011.50
	12	1011.15	1011.11	1011.08	1011.07	1011.06	1011.03	1010.99	1010.93	1010.87	1010.80	1010.73	1010.75	1010.96
	13	1010.78	1010.75	1010.73	1010.68	1010.61	1010.61	1010.61	1010.57	1010.51	1010.46	1010.42	1010.37	1010.59
	14	1010.34	1010.31	1010.30	1010.30	1010.29	1010.27	1010.28	1010.34	1010.39	1010.40	1010.38	1010.39	1010.33
	15	1010.43	1010.43	1010.41	1010.43	1010.45	1010.49	1010.55	1010.59	1010.59	1010.59	1010.61	1010.68	1010.52
	16	1010.76	1010.82	1010.86	1010.84	1010.78	1010.74	1010.78	1010.85	1010.90	1010.98	1011.06	1011.14	1010.87
	17	1011.19	1011.23	1011.26	1011.29	1011.33	1011.35	1011.37	1011.39	1011.43	1011.46	1011.50	1011.53	1011.36
	18	1011.55	1011.59	1011.61	1011.62	1011.62	1011.64	1011.70	1011.75	1011.78	1011.81	1011.81	1011.83	1011.69
	19	1011.86	1011.85	1011.86	1011.89	1011.88	1011.86	1011.83	1011.83	1011.87	1011.84	1011.78	1011.71	1011.84
	20	1011.68	1011.70	1011.68	1011.65	1011.65	1011.65	1011.67	1011.70	1011.70	1011.67	1011.64	1011.64	1011.67
	21	1011.64	1011.58	1011.51	1011.54	1011.56	1011.57	1011.57	1011.53	1011.55	1011.57	1011.54	1011.53	1011.55
	22	1011.44	1011.34	1011.34	1011.34	1011.34	1011.35	1011.34	1011.28	1011.18	1011.09	1011.04	1011.03	1011.26
	23	1011.03	1011.03	1011.03	1011.02	1011.08	1011.13	1011.08	1010.91	1010.74	1010.64	1010.58	1010.53	1010.90
12	0	1010.59	1010.57	1010.57	1010.63	1010.68	1010.64	1010.50	1010.37	1010.29	1010.22	1010.07	1009.95	1010.41
	1	1009.91	1009.82	1009.70	1009.57	1009.47	1009.39	1009.32	1009.28	1009.27	1009.22	1009.16	1009.12	1009.43
	2	1009.12	1009.09	1008.98	1008.90	1008.83	1008.79	1008.77	1008.76	1008.76	1008.71	1008.70	1008.70	1008.84
	3	1008.71	1008.69	1008.64	1008.59	1008.56	1008.55	1008.50	1008.45	1008.40	1008.33	1008.26	1008.18	1008.49
	4	1008.10	1007.99	1007.91	1007.93	1007.95	1007.88	1007.75	1007.59	1007.45	1007.40	1007.37	1007.30	1007.72
	5	1007.24	1007.16	1007.09	1007.04	1006.98	1006.94	1006.91	1006.88	1006.83	1006.76	1006.74	1006.75	1006.94
	6	1006.72	1006.70	1006.70	1006.68	1006.65	1006.64	1006.60	1006.53	1006.51	1006.50	1006.43	1006.32	1006.58
	7	1006.26	1006.20	1006.10	1006.02	1005.94	1005.87	1005.74	1005.62	1005.58	1005.55	1005.55	1005.55	1005.83
	8	1005.50	1005.47	1005.43	1005.35	1005.27	1005.18	1005.10	1004.98	1004.84	1004.79	1004.70	1004.53	1005.09
	9	1004.39	1004.27	1004.11	1003.95	1003.82	1003.75	1003.61	1003.37	1003.20	1003.05	1003.12	1003.23	1003.65
	10	1003.10	1003.02	1002.97	1002.84	1002.64	1002.46	1002.34	1002.19	1002.02	1001.91	1001.80	1001.67	1002.41
	11	1001.56	1001.48	1001.34	1001.21	1001.06	1000.78	1000.59	1000.51	1000.36	1000.26	1000.24	1000.16	1000.79
	12	1000.02	999.91	999.80	999.70	999.53	999.36	999.27	999.09	998.93	998.75	998.64	998.50	999.29
	13	998.23	998.07	998.00	997.99	998.03	998.08	998.00	997.86	997.68	997.49	997.40	997.34	997.85
	14	997.31	997.28	997.18	997.15	997.16	996.97	996.80	996.88	997.09	997.25	997.33	997.44	997.15
	15	997.55	998.36	999.45	999.88	999.97	999.94	999.96	1000.02	1000.14	1000.25	1000.27	1000.29	999.67
	16	1000.20	1000.13	1000.18	1000.28	1000.37	1000.38	1000.39	1000.47	1000.57	1000.60	1000.72	1000.87	1000.43
	17	1001.01	1001.23	1001.51	1001.67	1001.71	1001.78	1001.81	1001.85	1002.01	1002.10	1002.09	1002.28	1001.75
	18	1002.58	1002.77	1002.88	1003.02	1003.05	1002.89	1002.95	1003.20	1003.35	1003.38	1003.43	1003.59	1003.09
	19	1003.76	1003.86	1003.98	1004.09	1004.17	1004.24	1004.28	1004.39	1004.56	1004.78	1004.96	1005.05	1004.34
	20	1005.14	1005.25	1005.33	1005.38	1005.50	1005.64	1005.82	1006.01	1006.10	1006.18	1006.29	1006.41	1005.75
	21	1006.56	1006.71	1006.80	1006.89	1006.96	1006.99	1007.01	1007.06	1007.11	1007.17	1007.23	1007.24	1006.97
	22	1007.24	1007.22	1007.24	1007.29	1007.35	1007.42	1007.47	1007.47	1007.47	1007.54	1007.64	1007.71	1007.42
	23	1007.78	1007.94	1008.07	1008.14	1008.18	1008.15	1008.16	1008.18	1008.19	1008.22	1008.29	1008.37	1008.14

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
13	0	1008.38	1008.39	1008.43	1008.46	1008.50	1008.56	1008.57	1008.57	1008.61	1008.69	1008.76	1008.78	1008.57
	1	1008.81	1008.82	1008.80	1008.76	1008.73	1008.73	1008.78	1008.86	1008.97	1009.04	1009.03	1009.02	1008.86
	2	1009.00	1008.97	1008.96	1008.95	1008.97	1009.02	1009.00	1008.97	1008.96	1008.93	1008.86	1008.72	1008.94
	3	1008.63	1008.67	1008.69	1008.65	1008.69	1008.84	1008.95	1009.08	1009.21	1009.29	1009.39	1009.53	1008.97
	4	1009.66	1009.65	1009.69	1009.85	1009.93	1009.96	1010.03	1010.21	1010.30	1010.22	1010.23	1010.38	1010.01
	5	1010.53	1010.63	1010.72	1010.81	1010.89	1011.01	1011.11	1011.16	1011.26	1011.36	1011.44	1011.55	1011.04
	6	1011.68	1011.80	1011.89	1011.92	1011.96	1012.04	1012.13	1012.28	1012.38	1012.39	1012.40	1012.37	1012.10
	7	1012.38	1012.46	1012.49	1012.50	1012.53	1012.54	1012.57	1012.61	1012.68	1012.73	1012.76	1012.81	1012.59
	8	1012.89	1012.98	1013.06	1013.10	1013.11	1013.12	1013.15	1013.17	1013.21	1013.26	1013.25	1013.24	1013.13
	9	1013.23	1013.21	1013.22	1013.23	1013.23	1013.24	1013.23	1013.25	1013.29	1013.30	1013.31	1013.30	1013.25
	10	1013.32	1013.35	1013.37	1013.40	1013.41	1013.40	1013.36	1013.34	1013.31	1013.23	1013.13	1013.06	1013.30
	11	1013.02	1012.97	1012.90	1012.82	1012.74	1012.71	1012.71	1012.71	1012.66	1012.58	1012.54	1012.54	1012.74
	12	1012.53	1012.51	1012.51	1012.50	1012.46	1012.42	1012.37	1012.35	1012.36	1012.40	1012.40	1012.32	1012.43
	13	1012.25	1012.24	1012.23	1012.24	1012.25	1012.21	1012.16	1012.13	1012.12	1012.10	1012.06	1012.06	1012.17
	14	1012.10	1012.12	1012.13	1012.13	1012.11	1012.10	1012.13	1012.13	1012.11	1012.13	1012.13	1012.13	1012.12
	15	1012.12	1012.11	1012.08	1012.05	1012.05	1012.05	1012.07	1012.13	1012.19	1012.23	1012.25	1012.29	1012.13
	16	1012.33	1012.41	1012.47	1012.49	1012.51	1012.55	1012.59	1012.62	1012.68	1012.73	1012.78	1012.84	1012.58
	17	1012.87	1012.90	1012.94	1013.00	1013.07	1013.15	1013.22	1013.27	1013.31	1013.36	1013.39	1013.43	1013.16
	18	1013.49	1013.53	1013.57	1013.62	1013.68	1013.73	1013.72	1013.73	1013.78	1013.81	1013.83	1013.84	1013.69
	19	1013.87	1013.91	1013.97	1014.03	1014.08	1014.12	1014.13	1014.14	1014.15	1014.18	1014.19	1014.21	1014.08
	20	1014.22	1014.20	1014.18	1014.17	1014.18	1014.17	1014.16	1014.14	1014.09	1014.02	1013.94	1013.87	1014.11
	21	1013.86	1013.83	1013.75	1013.66	1013.60	1013.61	1013.65	1013.64	1013.59	1013.55	1013.48	1013.43	1013.63
	22	1013.51	1013.65	1013.72	1013.76	1013.74	1013.69	1013.71	1013.72	1013.72	1013.75	1013.79	1013.82	1013.71
	23	1013.77	1013.72	1013.71	1013.76	1013.85	1013.93	1013.95	1013.94	1013.96	1013.99	1013.98	1013.97	1013.88
14	0	1013.95	1013.95	1013.96	1013.94	1013.90	1013.86	1013.81	1013.75	1013.72	1013.71	1013.70	1013.69	1013.82
	1	1013.71	1013.73	1013.70	1013.69	1013.69	1013.65	1013.61	1013.58	1013.54	1013.53	1013.53	1013.52	1013.62
	2	1013.52	1013.54	1013.51	1013.47	1013.45	1013.46	1013.47	1013.50	1013.52	1013.51	1013.49	1013.45	1013.49
	3	1013.41	1013.39	1013.37	1013.32	1013.29	1013.27	1013.26	1013.24	1013.18	1013.10	1013.02	1012.95	1013.23
	4	1012.91	1012.91	1012.92	1012.89	1012.82	1012.75	1012.70	1012.79	1012.95	1012.99	1012.96	1012.95	1012.88
	5	1012.99	1012.96	1012.90	1012.97	1013.10	1013.22	1013.32	1013.35	1013.38	1013.44	1013.42	1013.36	1013.20
	6	1013.33	1013.32	1013.30	1013.26	1013.25	1013.25	1013.26	1013.25	1013.25	1013.25	1013.20	1013.17	1013.25
	7	1013.15	1013.16	1013.32	1013.42	1013.37	1013.36	1013.31	1013.27	1013.27	1013.30	1013.33	1013.36	1013.30
	8	1013.38	1013.39	1013.40	1013.42	1013.41	1013.41	1013.40	1013.39	1013.42	1013.47	1013.51	1013.54	1013.43
	9	1013.55	1013.56	1013.59	1013.58	1013.53	1013.51	1013.49	1013.48	1013.53	1013.55	1013.57	1013.58	1013.54
	10	1013.54	1013.48	1013.45	1013.48	1013.50	1013.50	1013.48	1013.45	1013.41	1013.33	1013.25	1013.20	1013.42
	11	1013.15	1013.08	1013.04	1013.00	1012.94	1012.87	1012.82	1012.76	1012.69	1012.63	1012.60	1012.62	1012.85
	12	1012.64	1012.59	1012.48	1012.47	1012.51	1012.53	1012.51	1012.47	1012.45	1012.46	1012.43	1012.40	1012.49
	13	1012.40	1012.41	1012.47	1012.54	1012.58	1012.57	1012.53	1012.51	1012.50	1012.46	1012.45	1012.45	1012.49
	14	1012.44	1012.42	1012.38	1012.36	1012.34	1012.31	1012.26	1012.25	1012.27	1012.29	1012.29	1012.30	1012.32
	15	1012.33	1012.36	1012.37	1012.35	1012.31	1012.33	1012.38	1012.46	1012.57	1012.69	1012.75	1012.81	1012.47
	16	1012.88	1012.92	1012.95	1012.98	1013.03	1013.10	1013.17	1013.27	1013.37	1013.47	1013.52	1013.53	1013.18
	17	1013.53	1013.53	1013.56	1013.60	1013.66	1013.71	1013.71	1013.73	1013.80	1013.84	1013.84	1013.87	1013.70
	18	1013.89	1013.87	1013.89	1013.96	1014.01	1014.01	1014.01	1014.05	1014.12	1014.18	1014.20	1014.25	1014.03
	19	1014.30	1014.33	1014.39	1014.45	1014.50	1014.58	1014.65	1014.68	1014.68	1014.69	1014.72	1014.74	1014.56
	20	1014.74	1014.72	1014.71	1014.70	1014.68	1014.70	1014.73	1014.73	1014.75	1014.79	1014.82	1014.85	1014.74
	21	1014.83	1014.80	1014.80	1014.82	1014.85	1014.86	1014.83	1014.78	1014.71	1014.69	1014.72	1014.69	1014.78
	22	1014.66	1014.65	1014.62	1014.59	1014.57	1014.52	1014.46	1014.47	1014.50	1014.49	1014.47	1014.46	1014.54
	23	1014.44	1014.41	1014.42	1014.44	1014.45	1014.40	1014.33	1014.27	1014.22	1014.21	1014.22	1014.24	1014.34

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
15	0	1014.22	1014.17	1014.10	1014.08	1014.07	1014.07	1014.10	1014.13	1014.12	1014.09	1014.05	1013.99	1014.09
	1	1013.92	1013.86	1013.82	1013.78	1013.74	1013.71	1013.67	1013.68	1013.68	1013.60	1013.53	1013.48	1013.70
	2	1013.44	1013.38	1013.39	1013.44	1013.43	1013.42	1013.40	1013.38	1013.41	1013.43	1013.41	1013.38	1013.41
	3	1013.35	1013.32	1013.27	1013.24	1013.25	1013.27	1013.28	1013.27	1013.20	1013.12	1013.12	1013.16	1013.23
	4	1013.15	1013.09	1013.06	1013.06	1013.05	1013.05	1013.04	1013.05	1013.08	1013.13	1013.13	1013.08	1013.08
	5	1013.07	1013.11	1013.18	1013.25	1013.34	1013.41	1013.43	1013.42	1013.44	1013.47	1013.49	1013.52	1013.34
	6	1013.59	1013.68	1013.73	1013.70	1013.66	1013.64	1013.63	1013.63	1013.62	1013.60	1013.59	1013.60	1013.64
	7	1013.57	1013.53	1013.55	1013.61	1013.68	1013.71	1013.70	1013.64	1013.61	1013.63	1013.66	1013.66	1013.63
	8	1013.65	1013.61	1013.58	1013.56	1013.52	1013.55	1013.58	1013.53	1013.49	1013.50	1013.50	1013.48	1013.54
	9	1013.45	1013.43	1013.42	1013.41	1013.38	1013.34	1013.33	1013.30	1013.27	1013.27	1013.24	1013.20	1013.33
	10	1013.17	1013.15	1013.09	1013.02	1012.98	1012.94	1012.92	1012.92	1012.91	1012.85	1012.80	1012.76	1012.96
	11	1012.69	1012.63	1012.58	1012.53	1012.47	1012.42	1012.40	1012.36	1012.29	1012.23	1012.19	1012.13	1012.41
	12	1012.06	1012.00	1011.94	1011.87	1011.83	1011.79	1011.70	1011.63	1011.64	1011.65	1011.63	1011.59	1011.78
	13	1011.54	1011.52	1011.50	1011.47	1011.44	1011.40	1011.35	1011.31	1011.27	1011.25	1011.22	1011.18	1011.37
	14	1011.16	1011.15	1011.12	1011.10	1011.09	1011.06	1011.05	1011.06	1011.05	1011.02	1011.00	1011.02	1011.07
	15	1011.06	1011.07	1011.08	1011.11	1011.11	1011.09	1011.10	1011.10	1011.09	1011.10	1011.11	1011.11	1011.09
	16	1011.13	1011.15	1011.16	1011.18	1011.21	1011.22	1011.25	1011.27	1011.30	1011.37	1011.41	1011.44	1011.26
	17	1011.49	1011.54	1011.56	1011.58	1011.59	1011.62	1011.64	1011.66	1011.68	1011.70	1011.73	1011.78	1011.63
	18	1011.81	1011.87	1011.97	1012.05	1012.07	1012.07	1012.06	1012.01	1011.99	1011.99	1011.98	1011.98	1011.99
	19	1011.99	1012.00	1011.97	1011.96	1011.97	1011.98	1012.01	1012.03	1012.05	1012.07	1012.08	1012.10	1012.02
	20	1012.10	1012.12	1012.15	1012.17	1012.16	1012.12	1012.12	1012.13	1012.11	1012.10	1012.14	1012.18	1012.13
	21	1012.19	1012.22	1012.25	1012.26	1012.29	1012.32	1012.32	1012.30	1012.30	1012.35	1012.40	1012.43	1012.30
	22	1012.44	1012.47	1012.48	1012.46	1012.43	1012.41	1012.42	1012.44	1012.45	1012.46	1012.45	1012.47	1012.45
	23	1012.55	1012.60	1012.62	1012.64	1012.70	1012.74	1012.74	1012.74	1012.74	1012.73	1012.68	1012.67	1012.68
16	0	1012.73	1012.72	1012.69	1012.68	1012.68	1012.64	1012.59	1012.59	1012.62	1012.61	1012.55	1012.46	1012.62
	1	1012.41	1012.40	1012.41	1012.40	1012.39	1012.40	1012.40	1012.42	1012.44	1012.44	1012.45	1012.47	1012.42
	2	1012.49	1012.51	1012.51	1012.50	1012.49	1012.47	1012.45	1012.47	1012.51	1012.55	1012.62	1012.67	1012.52
	3	1012.68	1012.72	1012.77	1012.78	1012.78	1012.77	1012.75	1012.75	1012.73	1012.72	1012.72	1012.74	1012.74
	4	1012.76	1012.78	1012.80	1012.82	1012.84	1012.84	1012.82	1012.81	1012.80	1012.80	1012.81	1012.81	1012.80
	5	1012.83	1012.85	1012.87	1012.90	1012.94	1012.97	1013.02	1013.07	1013.09	1013.14	1013.20	1013.26	1013.01
	6	1013.32	1013.39	1013.48	1013.53	1013.58	1013.65	1013.71	1013.76	1013.77	1013.78	1013.81	1013.85	1013.63
	7	1013.90	1013.96	1014.01	1014.01	1014.00	1014.01	1014.05	1014.09	1014.11	1014.11	1014.10	1014.10	1014.04
	8	1014.12	1014.16	1014.18	1014.21	1014.24	1014.22	1014.18	1014.15	1014.14	1014.17	1014.20	1014.18	1014.18
	9	1014.15	1014.13	1014.12	1014.12	1014.12	1014.09	1014.07	1014.07	1014.08	1014.08	1014.09	1014.10	1014.10
	10	1014.12	1014.11	1014.09	1014.10	1014.08	1014.07	1014.09	1014.09	1014.05	1013.99	1013.96	1013.92	1014.05
	11	1013.87	1013.85	1013.87	1013.89	1013.88	1013.84	1013.79	1013.78	1013.78	1013.77	1013.72	1013.63	1013.80
	12	1013.56	1013.52	1013.46	1013.43	1013.43	1013.41	1013.37	1013.29	1013.25	1013.24	1013.23	1013.19	1013.36
	13	1013.13	1013.10	1013.04	1013.02	1013.07	1013.09	1013.05	1013.02	1012.98	1012.93	1012.95	1012.96	1013.03
	14	1012.95	1012.91	1012.85	1012.82	1012.79	1012.74	1012.73	1012.72	1012.67	1012.62	1012.61	1012.64	1012.75
	15	1012.66	1012.66	1012.70	1012.74	1012.72	1012.71	1012.70	1012.67	1012.65	1012.67	1012.69	1012.74	1012.69
	16	1012.80	1012.85	1012.87	1012.89	1012.93	1012.97	1013.02	1013.08	1013.08	1013.07	1013.08	1013.10	1012.98
	17	1013.14	1013.19	1013.22	1013.24	1013.26	1013.28	1013.29	1013.31	1013.31	1013.31	1013.35	1013.38	1013.27
	18	1013.39	1013.41	1013.45	1013.53	1013.59	1013.62	1013.59	1013.59	1013.55	1013.47	1013.44	1013.42	1013.50
	19	1013.39	1013.37	1013.36	1013.35	1013.34	1013.33	1013.31	1013.31	1013.30	1013.30	1013.28	1013.26	1013.32
	20	1013.26	1013.23	1013.24	1013.24	1013.19	1013.13	1013.09	1013.06	1013.07	1013.10	1013.12	1013.16	1013.16
	21	1013.14	1013.06	1012.95	1012.86	1012.82	1012.76	1012.69	1012.65	1012.64	1012.62	1012.60	1012.59	1012.78
	22	1012.58	1012.55	1012.52	1012.51	1012.45	1012.39	1012.39	1012.38	1012.34	1012.28	1012.27	1012.28	1012.41
	23	1012.28	1012.27	1012.25	1012.24	1012.28	1012.37	1012.40	1012.39	1012.39	1012.40	1012.42	1012.39	1012.34

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
17	0	1012.35	1012.35	1012.35	1012.32	1012.24	1012.17	1012.15	1012.17	1012.20	1012.22	1012.19	1012.16	1012.23
	1	1012.14	1012.08	1012.03	1011.98	1011.96	1011.94	1011.94	1011.92	1011.85	1011.80	1011.79	1011.75	1011.93
	2	1011.67	1011.61	1011.53	1011.47	1011.46	1011.44	1011.44	1011.38	1011.33	1011.32	1011.26	1011.20	1011.42
	3	1011.13	1011.04	1010.99	1011.01	1011.02	1010.96	1010.92	1010.96	1010.96	1010.90	1010.82	1010.79	1010.96
	4	1010.76	1010.76	1010.76	1010.68	1010.55	1010.47	1010.47	1010.43	1010.37	1010.34	1010.27	1010.23	1010.50
	5	1010.22	1010.18	1010.18	1010.25	1010.29	1010.29	1010.29	1010.34	1010.35	1010.28	1010.25	1010.23	1010.26
	6	1010.20	1010.19	1010.20	1010.25	1010.32	1010.34	1010.35	1010.35	1010.35	1010.36	1010.35	1010.35	1010.30
	7	1010.37	1010.42	1010.46	1010.43	1010.38	1010.30	1010.24	1010.22	1010.20	1010.17	1010.09	1009.96	1010.27
	8	1009.89	1009.90	1009.93	1009.94	1009.92	1009.92	1009.97	1010.04	1010.06	1010.08	1010.10	1010.08	1009.98
	9	1009.99	1009.88	1009.78	1009.72	1009.73	1009.72	1009.68	1009.65	1009.60	1009.52	1009.46	1009.46	1009.68
	10	1009.47	1009.46	1009.47	1009.47	1009.45	1009.36	1009.25	1009.15	1009.03	1008.92	1008.82	1008.76	1009.21
	11	1008.74	1008.76	1008.80	1008.80	1008.77	1008.75	1008.70	1008.62	1008.56	1008.54	1008.52	1008.48	1008.67
	12	1008.43	1008.36	1008.27	1008.20	1008.15	1008.09	1008.00	1007.89	1007.79	1007.71	1007.66	1007.63	1008.01
	13	1007.59	1007.57	1007.54	1007.52	1007.51	1007.49	1007.48	1007.45	1007.43	1007.45	1007.47	1007.50	1007.50
	14	1007.52	1007.52	1007.51	1007.50	1007.48	1007.41	1007.33	1007.30	1007.29	1007.24	1007.15	1007.10	1007.36
	15	1007.06	1007.03	1006.98	1006.90	1006.86	1006.88	1006.90	1006.92	1006.94	1006.98	1007.01	1006.99	1006.95
	16	1006.96	1006.93	1006.90	1006.85	1006.78	1006.72	1006.71	1006.69	1006.66	1006.67	1006.68	1006.69	1006.77
	17	1006.72	1006.76	1006.80	1006.84	1006.91	1007.00	1007.05	1007.11	1007.18	1007.25	1007.28	1007.29	1007.01
	18	1007.31	1007.32	1007.30	1007.26	1007.25	1007.26	1007.27	1007.28	1007.27	1007.29	1007.32	1007.32	1007.29
	19	1007.32	1007.32	1007.37	1007.45	1007.52	1007.56	1007.63	1007.73	1007.80	1007.81	1007.82	1007.80	1007.59
	20	1007.75	1007.70	1007.65	1007.59	1007.58	1007.62	1007.66	1007.66	1007.63	1007.58	1007.54	1007.50	1007.62
	21	1007.45	1007.41	1007.41	1007.39	1007.36	1007.37	1007.39	1007.40	1007.41	1007.40	1007.39	1007.43	1007.40
	22	1007.45	1007.44	1007.41	1007.38	1007.35	1007.33	1007.35	1007.39	1007.41	1007.39	1007.34	1007.28	1007.37
23	1007.20	1007.11	1007.06	1007.05	1007.09	1007.12	1007.13	1007.13	1007.10	1007.07	1007.09	1007.15	1007.11	
18	0	1007.15	1007.18	1007.22	1007.23	1007.23	1007.23	1007.24	1007.21	1007.15	1007.09	1007.03	1006.97	1007.16
	1	1006.95	1006.91	1006.88	1006.84	1006.77	1006.73	1006.68	1006.58	1006.53	1006.53	1006.56	1006.58	1006.71
	2	1006.56	1006.55	1006.55	1006.55	1006.58	1006.56	1006.49	1006.42	1006.38	1006.36	1006.31	1006.26	1006.46
	3	1006.27	1006.30	1006.25	1006.17	1006.16	1006.20	1006.25	1006.28	1006.27	1006.24	1006.21	1006.22	1006.23
	4	1006.27	1006.28	1006.27	1006.26	1006.26	1006.29	1006.32	1006.36	1006.41	1006.44	1006.44	1006.44	1006.34
	5	1006.46	1006.48	1006.51	1006.52	1006.52	1006.53	1006.53	1006.55	1006.56	1006.56	1006.58	1006.60	1006.53
	6	1006.67	1006.75	1006.78	1006.79	1006.81	1006.83	1006.88	1006.94	1006.98	1006.99	1006.99	1007.03	1006.87
	7	1007.08	1007.13	1007.20	1007.25	1007.27	1007.27	1007.28	1007.32	1007.38	1007.42	1007.45	1007.48	1007.29
	8	1007.54	1007.61	1007.65	1007.66	1007.66	1007.68	1007.69	1007.68	1007.67	1007.68	1007.69	1007.72	1007.66
	9	1007.74	1007.72	1007.68	1007.68	1007.69	1007.66	1007.63	1007.64	1007.65	1007.67	1007.70	1007.72	1007.68
	10	1007.75	1007.75	1007.72	1007.72	1007.68	1007.57	1007.48	1007.43	1007.41	1007.40	1007.40	1007.40	1007.56
	11	1007.36	1007.29	1007.25	1007.26	1007.27	1007.26	1007.25	1007.28	1007.34	1007.35	1007.35	1007.33	1007.30
	12	1007.32	1007.32	1007.32	1007.32	1007.32	1007.35	1007.36	1007.38	1007.41	1007.39	1007.38	1007.41	1007.36
	13	1007.43	1007.40	1007.34	1007.30	1007.29	1007.29	1007.31	1007.32	1007.31	1007.27	1007.22	1007.18	1007.30
	14	1007.15	1007.12	1007.11	1007.12	1007.11	1007.10	1007.11	1007.12	1007.13	1007.12	1007.13	1007.14	1007.12
	15	1007.13	1007.13	1007.14	1007.14	1007.13	1007.15	1007.20	1007.25	1007.31	1007.35	1007.38	1007.41	1007.23
	16	1007.43	1007.45	1007.49	1007.55	1007.59	1007.62	1007.66	1007.72	1007.78	1007.83	1007.87	1007.91	1007.66
	17	1007.96	1008.02	1008.08	1008.13	1008.19	1008.23	1008.28	1008.37	1008.43	1008.44	1008.42	1008.38	1008.24
	18	1008.31	1008.25	1008.23	1008.24	1008.31	1008.37	1008.41	1008.46	1008.50	1008.55	1008.60	1008.61	1008.40
	19	1008.60	1008.61	1008.64	1008.65	1008.67	1008.72	1008.73	1008.72	1008.72	1008.72	1008.76	1008.80	1008.69
	20	1008.82	1008.82	1008.79	1008.75	1008.72	1008.71	1008.74	1008.76	1008.77	1008.74	1008.70	1008.67	1008.75
	21	1008.66	1008.71	1008.76	1008.83	1008.92	1009.00	1009.02	1009.06	1009.09	1009.08	1009.08	1009.07	1008.94
	22	1009.06	1009.04	1009.01	1009.00	1008.99	1008.95	1008.93	1008.92	1008.93	1008.94	1008.94	1008.95	1008.97
23	1008.94	1008.94	1008.94	1008.98	1009.01	1009.04	1009.09	1009.10	1009.11	1009.12	1009.15	1009.17	1009.05	

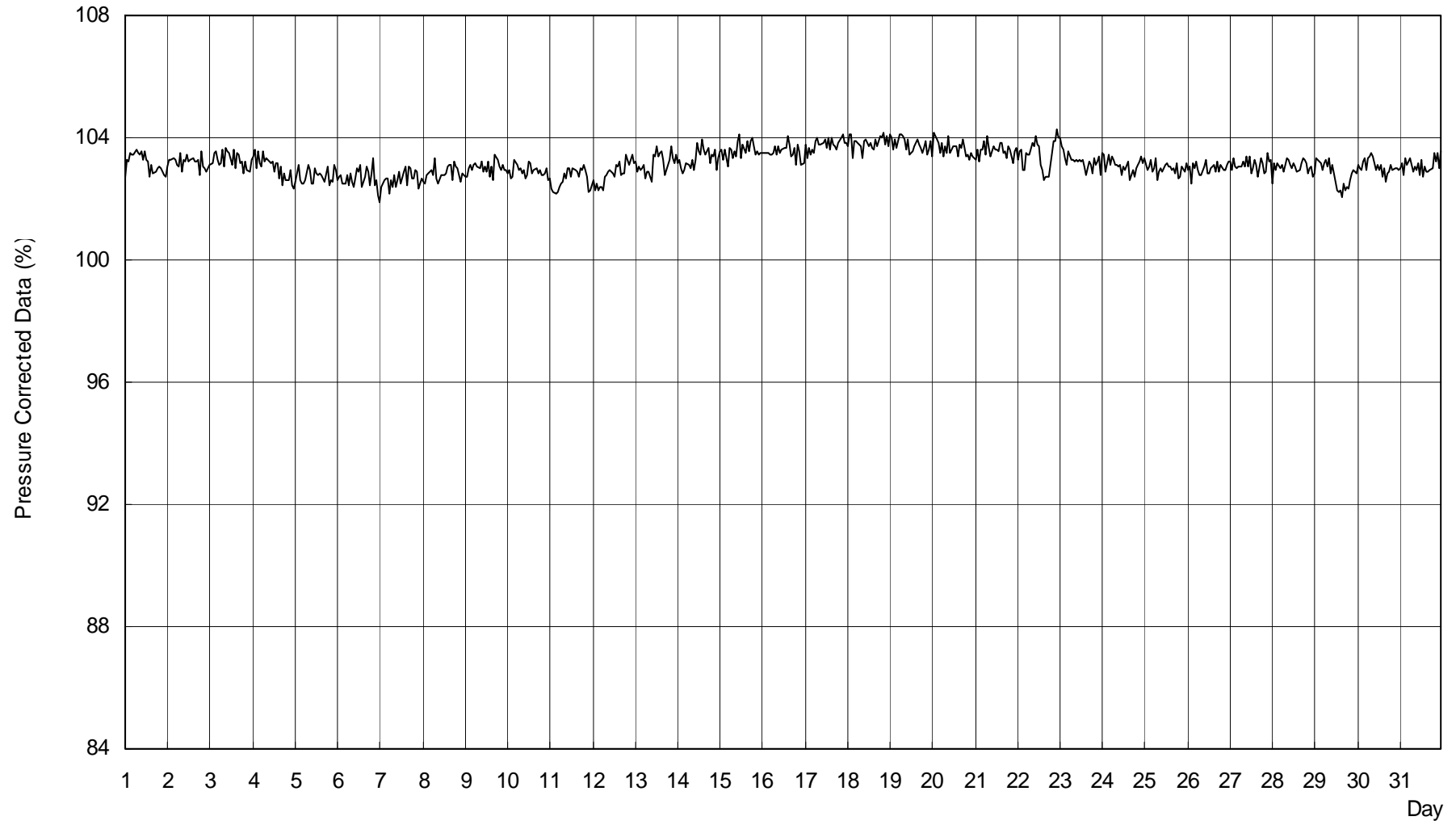
S.V.I.R.CO. Observatory - Pressure in hectoPascal – October 2009

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	1001.01	1000.85	1000.57	1000.24	999.94	999.99	1000.26	1000.43	1000.53	1000.57	1000.66	1000.69	1000.45
	1	1000.49	1000.25	1000.16	1000.13	1000.03	999.99	1000.05	999.87	999.43	999.06	998.80	998.47	999.73
	2	998.12	997.99	997.94	997.81	997.65	997.50	997.27	997.10	996.99	996.84	996.68	996.54	997.37
	3	996.42	996.31	996.17	996.14	996.61	996.65	996.13	995.80	995.50	995.18	995.01	995.10	995.92
	4	995.34	995.31	995.28	995.42	995.46	995.58	995.70	995.75	995.75	995.85	995.97	996.04	995.62
	5	996.06	996.13	996.18	996.19	996.24	996.27	996.31	996.35	996.36	996.35	996.37	996.42	996.27
	6	996.51	996.60	996.62	996.64	996.74	996.86	996.92	996.99	997.12	997.22	997.27	997.25	996.89
	7	997.18	997.18	997.21	997.16	997.14	997.23	997.33	997.37	997.46	997.50	997.44	997.43	997.30
	8	997.44	997.39	997.31	997.24	997.21	997.26	997.35	997.51	997.70	997.81	997.98	998.18	997.53
	9	998.26	998.25	998.23	998.18	998.14	998.15	998.15	998.10	998.03	997.97	997.91	997.92	998.10
	10	997.98	997.98	998.01	998.07	998.06	998.09	998.11	998.02	997.90	997.89	997.90	997.83	997.98
	11	997.75	997.73	997.71	997.70	997.70	997.67	997.61	997.54	997.48	997.41	997.36	997.30	997.58
	12	997.20	997.12	997.01	996.92	996.85	996.76	996.71	996.66	996.64	996.72	996.84	996.88	996.86
	13	996.94	997.06	997.16	997.17	997.20	997.28	997.34	997.40	997.44	997.48	997.50	997.41	997.28
	14	997.37	997.39	997.38	997.38	997.39	997.39	997.41	997.46	997.49	997.53	997.57	997.63	997.45
	15	997.70	997.76	997.80	997.77	997.78	997.82	997.90	998.06	998.15	998.20	998.28	998.37	997.96
	16	998.44	998.53	998.66	998.79	998.86	998.92	999.01	999.07	999.08	999.04	999.07	999.16	998.88
	17	999.24	999.31	999.39	999.50	999.58	999.63	999.65	999.66	999.70	999.74	999.72	999.66	999.56
	18	999.63	999.63	999.67	999.70	999.72	999.76	999.79	999.83	999.88	999.91	999.93	999.91	999.78
	19	999.86	999.81	999.79	999.79	999.81	999.85	999.85	999.80	999.85	999.97	1000.06	1000.13	999.88
	20	1000.13	1000.08	1000.11	1000.15	1000.17	1000.19	1000.16	1000.10	1000.14	1000.18	1000.15	1000.16	1000.14
	21	1000.16	1000.14	1000.13	1000.16	1000.16	1000.15	1000.13	1000.10	1000.09	1000.08	1000.11	1000.11	1000.12
	22	1000.10	1000.09	1000.09	1000.07	1000.05	1000.04	1000.00	1000.01	1000.05	1000.08	1000.10	1000.10	1000.06
	23	1000.10	1000.14	1000.21	1000.25	1000.30	1000.34	1000.36	1000.39	1000.39	1000.38	1000.42	1000.48	1000.31
24	0	1000.52	1000.51	1000.50	1000.49	1000.49	1000.49	1000.46	1000.43	1000.45	1000.50	1000.52	1000.53	1000.49
	1	1000.54	1000.52	1000.46	1000.40	1000.37	1000.34	1000.36	1000.38	1000.36	1000.33	1000.30	1000.28	1000.38
	2	1000.27	1000.31	1000.39	1000.43	1000.44	1000.48	1000.50	1000.47	1000.43	1000.43	1000.43	1000.42	1000.41
	3	1000.41	1000.37	1000.35	1000.36	1000.36	1000.40	1000.48	1000.51	1000.52	1000.53	1000.52	1000.54	1000.44
	4	1000.57	1000.58	1000.59	1000.60	1000.62	1000.63	1000.64	1000.63	1000.62	1000.63	1000.64	1000.65	1000.62
	5	1000.69	1000.70	1000.69	1000.73	1000.76	1000.81	1000.85	1000.91	1000.99	1001.06	1001.18	1001.32	1000.89
	6	1001.43	1001.54	1001.60	1001.66	1001.69	1001.69	1001.75	1001.84	1001.89	1001.92	1002.05	1002.12	1001.76
	7	1002.11	1002.23	1002.33	1002.35	1002.35	1002.38	1002.47	1002.52	1002.52	1002.53	1002.55	1002.55	1002.41
	8	1002.58	1002.62	1002.64	1002.70	1002.81	1002.86	1002.90	1003.00	1003.10	1003.17	1003.16	1003.11	1002.89
	9	1003.10	1003.10	1003.07	1003.04	1003.01	1003.00	1002.98	1002.97	1002.99	1003.06	1003.10	1003.09	1003.04
	10	1003.11	1003.10	1003.14	1003.24	1003.31	1003.38	1003.35	1003.25	1003.19	1003.12	1003.06	1003.03	1003.19
	11	1002.92	1002.87	1002.83	1002.77	1002.74	1002.73	1002.80	1002.85	1002.85	1002.83	1002.83	1002.79	1002.82
	12	1002.77	1002.77	1002.74	1002.73	1002.74	1002.75	1002.76	1002.82	1002.85	1002.87	1002.89	1002.93	1002.80
	13	1003.00	1003.03	1003.05	1003.11	1003.23	1003.38	1003.49	1003.51	1003.46	1003.48	1003.57	1003.62	1003.32
	14	1003.65	1003.71	1003.75	1003.78	1003.85	1003.89	1003.87	1003.85	1003.86	1003.87	1003.89	1004.00	1003.83
	15	1004.14	1004.23	1004.31	1004.35	1004.39	1004.45	1004.57	1004.68	1004.76	1004.87	1004.93	1005.06	1004.56
	16	1005.24	1005.33	1005.37	1005.44	1005.53	1005.62	1005.66	1005.75	1005.84	1005.95	1006.03	1006.02	1005.65
	17	1006.06	1006.15	1006.21	1006.19	1006.15	1006.19	1006.35	1006.48	1006.53	1006.55	1006.59	1006.64	1006.34
	18	1006.67	1006.73	1006.86	1006.97	1007.01	1007.00	1007.01	1007.04	1007.12	1007.21	1007.25	1007.26	1007.01
	19	1007.33	1007.46	1007.54	1007.51	1007.54	1007.53	1007.47	1007.47	1007.51	1007.57	1007.57	1007.59	1007.50
	20	1007.61	1007.63	1007.56	1007.42	1007.49	1007.58	1007.58	1007.61	1007.63	1007.64	1007.68	1007.66	1007.59
	21	1007.60	1007.62	1007.70	1007.76	1007.79	1007.83	1007.88	1007.95	1008.03	1008.07	1008.05	1008.05	1007.86
	22	1008.10	1008.07	1007.99	1007.97	1007.93	1007.92	1007.99	1008.05	1008.08	1008.13	1008.16	1008.11	1008.04
	23	1008.07	1008.09	1008.12	1008.14	1008.17	1008.19	1008.18	1008.14	1008.07	1008.02	1007.98	1007.95	1008.09

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
31	0	1020.11	1020.07	1020.02	1020.05	1020.07	1020.07	1020.03	1020.02	1020.05	1020.03	1019.97	1019.94	1020.03
	1	1019.90	1019.87	1019.89	1019.88	1019.86	1019.83	1019.80	1019.79	1019.80	1019.83	1019.82	1019.77	1019.83
	2	1019.75	1019.75	1019.74	1019.74	1019.75	1019.72	1019.69	1019.67	1019.69	1019.71	1019.70	1019.73	1019.72
	3	1019.75	1019.81	1019.87	1019.91	1019.92	1019.88	1019.86	1019.92	1019.97	1019.97	1019.98	1019.99	1019.90
	4	1020.02	1020.03	1020.04	1020.07	1020.08	1020.11	1020.16	1020.19	1020.22	1020.22	1020.24	1020.30	1020.14
	5	1020.35	1020.38	1020.39	1020.40	1020.43	1020.50	1020.56	1020.56	1020.57	1020.63	1020.65	1020.68	1020.51
	6	1020.74	1020.78	1020.87	1020.94	1020.96	1020.96	1020.99	1021.03	1021.04	1021.08	1021.12	1021.12	1020.97
	7	1021.05	1020.96	1020.93	1020.95	1020.95	1020.93	1020.97	1021.03	1021.06	1021.11	1021.16	1021.20	1021.02
	8	1021.25	1021.32	1021.39	1021.36	1021.26	1021.21	1021.19	1021.16	1021.18	1021.21	1021.21	1021.24	1021.25
	9	1021.31	1021.38	1021.40	1021.40	1021.37	1021.31	1021.23	1021.17	1021.16	1021.15	1021.14	1021.13	1021.26
	10	1021.13	1021.17	1021.19	1021.18	1021.10	1020.96	1020.83	1020.77	1020.76	1020.68	1020.61	1020.58	1020.91
	11	1020.50	1020.38	1020.25	1020.20	1020.18	1020.13	1020.08	1020.02	1020.00	1020.02	1019.99	1019.97	1020.14
	12	1019.95	1019.91	1019.91	1019.90	1019.90	1019.89	1019.83	1019.77	1019.72	1019.68	1019.64	1019.62	1019.81
	13	1019.62	1019.60	1019.57	1019.56	1019.58	1019.62	1019.65	1019.63	1019.61	1019.57	1019.53	1019.52	1019.59
	14	1019.50	1019.48	1019.47	1019.50	1019.54	1019.55	1019.56	1019.57	1019.57	1019.59	1019.64	1019.67	1019.55
	15	1019.68	1019.67	1019.66	1019.67	1019.71	1019.70	1019.66	1019.67	1019.71	1019.72	1019.74	1019.80	1019.70
	16	1019.85	1019.89	1019.95	1019.97	1019.98	1019.98	1019.97	1019.98	1019.99	1019.99	1020.01	1020.04	1019.96
	17	1020.05	1020.06	1020.08	1020.12	1020.19	1020.25	1020.30	1020.38	1020.47	1020.50	1020.53	1020.55	1020.29
	18	1020.55	1020.58	1020.62	1020.62	1020.61	1020.61	1020.63	1020.64	1020.64	1020.67	1020.72	1020.74	1020.63
	19	1020.74	1020.79	1020.87	1020.88	1020.87	1020.93	1020.98	1021.00	1021.00	1021.03	1021.07	1021.10	1020.94
	20	1021.12	1021.13	1021.13	1021.13	1021.12	1021.12	1021.10	1021.12	1021.16	1021.17	1021.17	1021.22	1021.14
	21	1021.27	1021.30	1021.30	1021.29	1021.26	1021.24	1021.24	1021.26	1021.23	1021.20	1021.21	1021.26	1021.25
	22	1021.30	1021.32	1021.35	1021.37	1021.38	1021.39	1021.41	1021.40	1021.39	1021.40	1021.40	1021.37	1021.37
	23	1021.33	1021.28	1021.26	1021.27	1021.26	1021.24	1021.22	1021.21	1021.20	1021.19	1021.18	1021.18	1021.23

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