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SVIRCO Prompt Report: September 2009

Fabrizio Signorette 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: September 2009

Fabrizio Signoretti and Francesco Re

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

Abstract

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

Dr. Marisa STORINI
Head of SVIRCO Observatory & TPL
Istituto di Fisica dello Spazio Interplanetario - Area di Ricerca Tor Vergata
Via del Fosso del Cavaliere,100 00133 Roma - Italy,

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



S.V.I.R.CO. Observatory

Rome

Italy



INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – September 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	46486	46761	47612	47087	46783	47753	47750	47619	47492	47626	47541	46927	102.825
	1	47115	47579	46941	46857	47111	47236	46839	47483	47225	47597	47161	47732	102.726
	2	47182	46757	46942	46633	47197	46832	47365	46777	47369	47256	47350	46928	102.312
	3	47130	46772	46874	47081	47122	47130	47968	47947	47311	47228	47050	47339	102.740
	4	47333	47594	47154	47350	47118	46322	47435	46760	47636	46832	47311	47353	102.603
	5	47683	46715	47700	47492	47542	47541	46818	47014	46455	46655	47263	47415	102.620
	6	46862	47193	47264	47445	46849	47235	47289	47147	47280	47423	47447	47403	102.719
	7	46833	47455	47236	46873	47051	46998	47128	46990	47356	46959	46662	47184	102.336
	8	46917	47467	47180	46807	47463	47240	47216	47002	47011	47203	47560	47002	102.580
	9	47200	47064	47240	47003	47322	47040	46887	47122	46747	47639	47063	46725	102.396
	10	47530	47111	46560	47316	47183	46857	47468	47379	46631	47357	47172	47081	102.503
	11	47548	46930	46894	47200	47079	47151	47198	47435	46828	46513	47478	47271	102.481
	12	47602	47333	47127	47416	47085	47729	47526	47774	47426	46649	46815	47298	102.890
	13	47273	47425	47288	47059	47152	47829	47562	47043	47310	47643	47593	47523	103.057
	14	47334	47338	46984	47231	46909	47375	47212	47132	47448	47086	47741	47356	102.775
	15	46846	47321	46979	47610	46363	47418	47561	46584	47712	47813	47439	47219	102.724
	16	46822	47271	47199	46583	47309	47186	46968	47037	46997	47551	47182	46844	102.377
	17	46904	47275	47621	47340	47101	46908	47426	46543	47399	47134	47009	47647	102.623
	18	47354	46803	47697	47730	47228	47553	47625	47102	47732	47082	46589	46958	102.831
	19	47707	47325	47414	46694	47330	47441	47039	46891	47301	47684	47091	47087	102.749
	20	47759	47456	47534	47159	47226	47076	47072	46988	47283	46823	47007	47018	102.640
	21	46776	47742	47347	47049	47370	47768	47273	47282	47055	46981	47582	47422	102.866
	22	46530	47450	46948	48169	47300	46705	46972	47205	47384	47359	47009	47516	102.667
	23	46711	46856	47397	47803	47584	47309	47299	47368	46981	47562	46875	46787	102.664
2	0	47489	47526	47164	46818	47585	46751	47067	47260	46837	48240	46930	47181	102.720
	1	47028	47247	46933	46899	47119	47578	47263	47186	47499	46672	47190	46868	102.473
	2	47091	46832	47809	47208	47708	47324	47286	46700	47136	47338	47185	47276	102.729
	3	47045	47266	47219	47421	47031	47243	47312	47046	47281	46878	47424	46947	102.588
	4	47081	47573	47369	47440	47551	47140	47155	47081	47047	46950	47455	47128	102.743
	5	47089	46759	47187	47205	47350	46679	47554	47188	46983	47415	47361	46896	102.507
	6	47461	47812	47312	46910	46734	47407	46749	46971	46609	47157	47138	47524	102.528
	7	47384	46902	47433	46960	47134	47126	47461	46871	47307	47291	47412	47412	102.692
	8	47194	47272	46801	46565	47911	46926	46951	46350	47170	46833	47013	47049	102.211
	9	47652	46950	47184	47631	47281	47331	47240	46517	47975	47148	46899	47119	102.735
	10	47534	46944	47827	47200	47011	47154	46411	47399	47229	47303	47661	47496	102.779
	11	46853	47217	47430	46951	47113	47684	46971	47633	46962	47427	47622	47222	102.764
	12	46670	46668	47103	47736	46973	47447	47206	47040	47599	46900	47345	47613	102.622
	13	47518	47719	46898	47385	47212	47650	47232	46684	47270	46924	46846	47091	102.645
	14	47120	47098	46944	47042	47424	47643	46981	47286	46916	47559	47397	47396	102.713
	15	47341	46867	47110	47429	47466	47301	46976	47056	47311	47391	47125	47105	102.654
	16	47617	47074	47853	47744	47643	47220	47371	46324	47155	46935	46939	47045	102.734
	17	47485	47265	46828	47572	47666	47043	47135	47262	47345	47089	48050	47526	102.978
	18	47538	47279	46774	46961	47430	46832	48032	47532	47343	47132	47407	47433	102.874
	19	47652	46962	47268	47032	47220	47931	47425	47354	47388	47067	47116	46750	102.778
	20	47712	47723	48048	48058	47048	47416	47402	47182	47354	47234	47305	47286	103.250
	21	46996	47241	47745	47006	48071	47758	46896	46993	47108	47067	47486	46933	102.803
	22	47449	46810	47674	46990	47270	47662	46878	47335	48126	47899	47409	46976	103.016
	23	47876	47472	47076	47639	47201	47461	47326	47592	47867	46934	47704	47269	103.186

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - September 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	46964	48125	47373	47407	47309	47176	47746	47419	47251	47576	46785	46996	102.952
	1	47165	47299	47352	47505	47277	47307	46822	46893	48131	46965	47586	47448	102.884
	2	47116	47332	46993	47610	47702	47602	47487	47622	47631	47145	47977	47433	103.229
	3	47668	47262	47197	46943	46826	48084	47275	47258	46947	48123	47482	46590	102.867
	4	47216	47038	47387	46886	47516	46948	47223	47318	47323	47451	47695	47437	102.828
	5	47101	47227	46647	47052	47089	47510	47222	47648	47564	47185	47075	47959	102.799
	6	47215	47138	47386	46820	47562	46871	47536	47191	47598	47139	47136	47368	102.741
	7	46967	48276	47278	47614	47146	47677	46840	47685	48076	47292	46824	47082	103.067
	8	47484	47323	47334	47537	47176	47304	47361	46943	47273	48001	47729	47124	103.036
	9	47283	46703	47407	47195	46680	47363	47162	46493	47427	47185	47575	47137	102.497
	10	47557	47468	47037	47538	46944	47652	47419	47245	47172	47751	47246	47214	102.974
	11	47000	47590	46804	47182	47540	47058	47454	47254	46921	47675	48070	47353	102.912
	12	47171	47415	47366	47680	47186	47191	47488	47178	47652	47111	47745	47257	103.010
	13	47354	47702	47249	47516	47189	47096	46518	47304	47350	47443	47169	46889	102.708
	14	47173	47329	47399	47492	47268	47397	46476	47431	46820	46947	46878	47349	102.560
	15	47620	47309	46931	47328	47023	47330	46890	47281	47384	47377	47118	47150	102.701
	16	47371	47301	47007	47125	47078	47481	47057	46749	46915	47379	47332	47082	102.545
	17	47305	47769	47776	47569	47326	47226	47718	47142	46884	47598	47748	47513	103.215
	18	47951	47446	47760	46710	47448	47113	47081	47235	47376	47912	47229	47719	103.107
	19	47091	47000	47133	47236	47437	46934	47826	47547	47693	47434	47216	46560	102.768
	20	46565	47777	47141	47495	47437	47678	47483	46817	47053	47906	47586	47099	102.936
	21	47336	47126	47221	47214	47040	47582	47157	46668	47169	46659	47267	47543	102.564
	22	46894	47292	46222	47454	47253	47024	47210	47347	46723	47416	47328	47236	102.459
	23	47368	47495	47118	47201	47188	47284	46980	47622	46874	46972	46780	46783	102.507
4	0	47589	47027	47044	47680	48086	47079	46921	47105	46943	46677	46871	46378	102.454
	1	47472	48127	46639	47313	47714	47083	46953	46763	47775	47509	47063	46852	102.796
	2	46965	47119	46826	46896	46931	47251	46305	47003	46384	47019	47619	47152	102.109
	3	47291	47214	46489	47551	46846	47326	47198	47717	46618	46829	46578	47033	102.330
	4	47070	47099	47475	46831	47524	46600	47308	46550	47753	47316	47072	47721	102.625
	5	46716	46434	47294	47322	46915	46630	47083	47150	47022	47002	47958	46484	102.207
	6	47080	46724	46782	46740	46567	47003	47200	46608	47202	47111	46797	47078	102.004
	7	47552	46656	47185	47278	46993	47076	47368	47217	47276	47434	46881	47436	102.631
	8	46987	46350	47375	47411	46701	47235	47409	47003	47721	47166	47689	47353	102.640
	9	47510	46772	47535	47212	46633	46614	47345	47461	47546	47046	47250	47092	102.570
	10	47411	47159	47502	46704	47375	47775	47591	47275	47451	46840	46874	47682	102.864
	11	47836	46554	47191	46975	47833	47514	47446	48269	47715	47254	47428	47268	103.162
	12	46721	47629	46791	47205	47363	47037	47158	46885	47707	47216	47178	47277	102.598
	13	47314	47587	46813	47328	46999	47396	46732	47447	47069	48023	47733	47196	102.864
	14	47585	47057	47372	46706	47442	46902	47623	47633	46871	47226	47487	46616	102.661
	15	47784	47524	47423	48207	47073	47357	47322	46760	47115	46133	46727	46440	102.543
	16	46883	47597	47836	46757	47401	47164	47500	47187	47774	47278	47414	47377	102.960
	17	47595	47166	46994	47049	47434	46393	47478	47392	47899	46907	48023	47292	102.861
	18	47789	47223	47637	47027	46499	47503	47142	47131	47842	46904	47502	47218	102.824
	19	47387	47377	47086	47126	46975	47150	47317	46788	47496	46723	46745	47589	102.524
	20	47430	47509	47118	47490	47144	47516	47114	47646	47582	46962	46804	47142	102.832
	21	47811	47811	47553	47111	47571	47490	47336	47707	46990	47723	46784	46893	103.071
	22	46260	46704	46392	47586	46915	47412	48224	46819	46883	46950	47199	47157	102.296
	23	47081	47569	47037	47901	47072	46682	46415	47425	46917	47474	46584	47059	102.425

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – September 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	46812	47448	46956	47255	47617	46751	47842	47280	47982	47262	47039	47310	102.843	
	1	47018	46644	47063	46910	47235	47020	46989	47252	47150	47131	47203	47805	102.462	
	2	47025	47561	47267	47093	47390	46727	47324	47276	47092	47275	46768	46893	102.511	
	3	47444	47074	47997	46834	47213	47079	46725	47327	46396	46938	47084	46874	102.384	
	4	46961	46615	46620	47563	47158	47190	47134	47031	47238	47605	46133	46732	102.201	
	5	47598	47284	46364	47061	47611	47052	47028	47767	47290	46484	46745	47124	102.460	
	6	47256	47333	47161	46640	46893	47396	47215	46862	47430	47028	46879	46582	102.327	
	7	46866	46552	47124	47331	47310	47235	47235	47515	47092	47088	47462	47290	102.585	
	8	47456	46933	47050	46938	47415	47302	47199	47711	47029	46879	47043	46976	102.555	
	9	47052	46544	47457	46626	46876	46952	46672	47425	47712	47734	47087	46933	102.398	
	10	46966	47642	47703	46627	47306	47690	47531	47312	47177	46758	47157	46860	102.699	
	11	47562	46748	47352	46818	46935	48075	46943	47204	47357	46887	46875	47208	102.561	
	12	47353	47356	47053	47156	46554	47603	47425	47019	47959	47220	47167	47632	102.839	
	13	47133	47360	47052	47170	47493	47226	47019	47661	47466	47308	48111	47775	103.070	
	14	46889	46499	47558	47054	47610	47163	46679	47137	46866	47698	47163	48002	102.625	
	15	46799	46833	47290	47286	47546	47312	47281	47640	47379	47115	47679	46807	102.742	
	16	47319	47360	47575	47452	46577	47131	47514	47384	47645	47079	47457	47131	102.862	
	17	47475	46680	47103	47353	47537	46842	47562	47575	47698	47318	47915	46948	102.931	
	18	47557	46943	47171	47247	47076	47561	47332	47694	47710	47245	47240	46787	102.851	
	19	47794	47030	47552	47593	46935	47727	47863	47268	47273	47088	46928	47187	102.973	
	20	46947	47165	46796	47261	46774	47730	46814	47487	47530	46932	47400	47581	102.643	
	21	47742	47502	47633	46604	47424	47155	47182	47633	47442	47639	47237	47247	103.009	
	22	48121	47334	46986	47405	47454	47071	47526	47328	46893	46867	47646	47476	102.949	
	23	47586	47106	47234	46924	47052	47857	46977	47186	47145	46871	47029	46411	102.454	
6	0	46841	47744	46728	47252	47010	47249	47361	47596	47131	47170	47256	47208	102.668	
	1	47466	47280	47629	47457	46933	47045	47679	47510	47149	46954	47365	47083	102.848	
	2	47779	47033	47848	47811	47394	46615	46947	46718	46747	46413	47862	47445	102.678	
	3	47406	46835	47582	46227	47489	47268	47499	46866	47344	47822	47549	47030	102.733	
	4	47863	47442	47663	47984	47732	46811	47739	46940	47283	47281	47893	47798	103.370	
	5	47048	47230	46675	47364	46545	46656	46785	47036	47438	47694	46529	47647	102.322	
	6	46670	47469	47560	47385	47505	47378	46769	47362	47156	47520	47062	46993	102.718	
	7	47450	47515	47277	47121	47821	46973	47121	46454	46844	47057	46863	47062	102.488	
	8	48288	46845	47100	47388	46787	47026	47531	47051	47116	47101	46895	47283	102.642	
	9	46927	46805	46895	47694	47275	46874	46743	46936	46976	47687	47975	47139	102.554	
	10	47345	47351	46985	47597	47181	47547	47825	47603	47695	47890	47492	47308	103.259	
	11	47505	47345	47075	46829	47276	47714	47535	47106	47231	47363	46715	47183	102.726	
	12	46945	47073	47389	47029	47236	46959	48152	47367	47308	47014	47598	46859	102.736	
	13	47105	47777	46947	47969	47475	47114	46952	46887	46845	47478	47685	47307	102.846	
	14	47296	47294	47345	47420	47176	47516	47475	46902	47798	47418	47412	47935	103.108	
	15	47372	47841	47719	47256	47811	47488	47537	47624	46987	46948	47254	47497	103.172	
	16	47115	47776	46822	47675	48172	47350	47478	47418	47577	47506	47823	47186	103.273	
	17	47295	47108	47448	47940	47185	47613	47042	47664	47457	47049	46952	46842	102.856	
	18	47431	47497	46755	47664	47261	47588	47832	47200	47239	46859	47905	47609	103.082	
	19	47738	47708	47084	47147	47388	47597	46891	47342	46698	47419	47597	47214	102.898	
	20	47282	47740	47273	47982	47725	47276	46837	46962	46939	47467	47032	46660	102.780	
	21	47505	48076	47054	47768	47274	47818	47501	47272	47226	47256	47441	46559	103.066	
	22	47612	47105	47065	47392	47288	47380	47727	47859	47151	47964	47690	47254	103.199	
	23	47039	47411	47443	47030	47203	47566	46838	47733	47445	47663	47162	47527	102.940	

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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
7	0	47004	47272	47392	47352	47794	48265	47870	47265	47639	47295	47679	46988	103.258
	1	47672	48011	47425	47565	47240	47391	46989	46835	46861	47151	46952	46873	102.742
	2	47312	47054	47370	46779	47628	47190	47684	47042	47493	47296	47893	47453	102.965
	3	47884	47472	46746	47412	47309	47454	47408	47801	46834	46812	47007	47282	102.825
	4	47157	47104	47623	47499	47932	47525	47544	46875	47351	47674	47013	47592	103.090
	5	46695	47566	47639	47394	47329	47004	47337	47567	46716	47257	47597	47434	102.845
	6	47396	47303	46898	46871	47424	47491	47489	47416	47191	47395	47119	47545	102.846
	7	47415	46647	46946	47772	47183	46934	47950	47662	47692	47149	47378	47279	102.931
	8	47414	47330	47030	47555	47584	46446	46855	47956	47227	47087	47116	47129	102.700
	9	47081	47433	47210	47309	46847	47257	47806	47446	47716	47197	47661	47207	102.961
	10	47122	47399	47986	47457	47306	47057	47448	47436	47725	47402	47068	47417	103.079
	11	47411	47552	46414	47389	46968	47886	46944	46276	47852	46896	47228	47575	102.639
	12	47078	47045	47273	47476	46930	47387	47275	46808	47042	47534	47479	47809	102.773
	13	47288	46431	47441	47696	47289	47018	47137	47175	48051	47221	47329	47479	102.850
	14	47027	48052	47108	47729	46651	47176	47444	47442	47441	47026	47615	47819	103.026
	15	47598	46299	47931	47585	47571	46957	47256	47510	47777	47993	47201	47029	103.058
	16	47086	47262	46987	47324	48253	46810	47571	48210	47456	47960	47979	47643	103.390
	17	47663	47953	48008	47568	47247	47569	47918	47067	47796	47967	47299	47645	103.600
	18	47324	47254	47201	47521	47948	46912	46935	46979	47307	47433	47159	47596	102.852
	19	47426	47184	47398	47444	47259	47445	47684	47612	47764	47858	46986	46490	103.030
	20	46807	47792	48022	46993	47729	47582	47280	47578	47300	47435	47303	47157	103.107
	21	47453	46921	47190	48195	47252	47651	48445	46757	47616	47183	47302	47771	103.244
	22	47810	47072	47232	47301	47518	47541	47463	47453	47335	47569	47988	47244	103.206
	23	46709	47307	47355	47734	47335	46956	46839	47110	46465	47103	47585	47391	102.547
8	0	47167	47534	46937	47499	47196	47311	47115	47649	47197	47001	47131	47339	102.767
	1	47524	46819	47201	47487	46863	47246	47152	47759	47939	47765	46592	47477	102.898
	2	47737	47427	46685	46773	46893	48102	47402	47194	46939	47358	46791	46791	102.584
	3	47764	47208	47774	47058	47226	47474	47065	46003	46939	47810	47828	47417	102.851
	4	47708	47648	47075	47253	47325	46876	47430	47001	46783	46892	47088	46861	102.556
	5	47420	48000	47372	47392	48004	47320	46613	47130	47525	47975	47419	47327	103.201
	6	47055	47426	46440	47639	47479	46830	47281	47615	47293	47744	47438	47568	102.895
	7	47454	47304	47440	47245	47959	47530	47143	47061	47519	47015	47386	47450	103.021
	8	47356	47875	46922	47386	47363	47134	47406	47272	47132	47375	47011	47511	102.883
	9	47083	47015	47538	47398	47644	47918	47231	47103	46844	47053	47856	47314	102.929
	10	47715	47021	46896	47489	47824	46680	47631	47203	46785	47880	47415	47833	102.997
	11	47475	47147	46727	47489	47915	47005	47983	47557	47013	47397	47173	47525	103.004
	12	47740	47724	47541	47590	47464	47614	47116	47521	47696	47093	47112	47123	103.171
	13	47799	46727	47661	46933	47386	47481	47678	47242	47304	47171	47741	47317	103.009
	14	47766	47457	47708	48051	47568	47478	47591	47798	47435	47695	47532	47846	103.641
	15	47111	47261	47732	47714	47158	47536	47553	47257	47574	47352	47176	47410	103.080
	16	47386	47417	47223	47710	47181	47493	47003	46984	47598	47417	47296	47369	102.944
	17	47925	47892	47577	48183	47686	47580	47756	46805	48414	47054	47928	47890	103.780
	18	47044	47811	47121	47928	47189	47950	47324	47761	47344	47724	47508	47157	103.267
	19	47168	47298	47250	47690	47561	47890	47693	47376	47140	48063	47136	47804	103.304
	20	47948	47833	47848	47301	47863	47682	47563	47726	47071	47337	47686	47477	103.534
	21	47395	47717	47150	47654	47363	46572	47368	46886	47143	47032	47254	47693	102.789
	22	47761	47105	47833	47522	47655	47568	46984	47297	47091	47127	47784	47545	103.160
	23	46857	47621	47637	47288	47540	47844	47755	46817	48112	46844	47659	48103	103.306

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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
9	0	46975	48042	46872	47627	47589	47702	47450	47133	47411	47224	47525	46737	102.985
	1	47421	47675	47221	47126	46702	47109	47669	47352	47032	47189	47280	47457	102.791
	2	46933	46966	47453	47280	46920	47292	47255	47666	47222	47656	46973	47072	102.692
	3	47525	47708	47708	47718	47270	46827	47484	47045	47272	46830	47367	47305	102.941
	4	47362	47141	47553	47970	47668	47404	48121	47126	47954	46959	47590	46909	103.248
	5	47671	47546	47491	47868	47691	47538	47693	47944	47424	47424	47409	47351	103.482
	6	46681	47261	47447	47453	47082	47331	47287	47225	47139	47419	47009	47469	102.713
	7	47042	47645	47481	47523	47329	47708	47088	47659	47562	46926	48019	47833	103.259
	8	47192	47346	47706	47284	47288	47370	47597	47195	47394	47106	47362	47466	102.985
	9	48114	47613	47253	47505	47227	46828	48120	47568	47466	47148	47553	48054	103.373
	10	47164	47562	47173	47123	47116	46789	47437	47485	47422	47667	47508	47948	103.001
	11	47142	47299	47015	47843	47536	47635	47583	47146	47683	47136	48253	47167	103.190
	12	47973	47043	47351	47109	47947	48053	46719	48101	47484	46716	47489	47642	103.225
	13	47251	47460	47461	47584	47492	47933	47029	47382	47392	47298	47263	47279	103.079
	14	47909	47540	47796	48249	47523	47536	46842	46931	46948	47565	47591	47528	103.285
	15	47823	47504	47324	47882	47533	46987	47515	47452	47278	47934	47214	47237	103.235
	16	47841	47380	47928	47709	47681	47591	47398	47649	47929	47943	47978	48178	103.873
	17	47680	47287	47649	47135	47034	48273	47607	47201	47821	47716	47063	47414	103.270
	18	46795	47638	47454	47020	47546	47834	47536	47525	46898	47514	46563	47219	102.847
	19	47424	47732	47524	47360	47372	47821	47058	46883	47382	47766	48055	47654	103.298
	20	47314	46971	47296	47342	47548	47519	47725	47557	47238	47914	46786	46929	102.955
	21	47417	47652	46937	47588	47641	47491	47161	46937	47235	46219	47316	47837	102.827
	22	46974	47207	47512	48215	47413	47189	47378	46845	48112	47608	47679	47346	103.197
	23	47716	47254	47104	47127	47472	47174	46616	47537	47817	47287	46827	47227	102.777
10	0	47099	47632	47573	47178	48110	47277	47427	47579	47359	47541	46867	47630	103.159
	1	47258	47276	47478	47860	46998	47370	47662	47726	47496	47711	47102	47356	103.164
	2	47490	47601	47516	47097	48170	47755	47326	47781	47950	47417	47768	47424	103.527
	3	47845	46869	47716	47965	47605	47675	47267	47813	47622	47269	47298	47450	103.364
	4	47300	48033	47396	47751	47593	47336	48119	47174	47602	47115	47361	47665	103.373
	5	47627	47158	47502	47871	47375	47636	47393	47834	47429	47131	47739	48162	103.447
	6	47881	47885	48096	47340	47794	47175	47248	47830	47087	47241	47880	46941	103.364
	7	48018	47430	47672	46793	46955	47846	48083	47587	47455	47335	47880	47752	103.438
	8	47754	47115	47205	47480	47660	47223	47692	47598	46843	47587	47203	47780	103.136
	9	47394	47388	46944	48191	47648	46763	47239	47520	47330	48186	47490	47571	103.232
	10	47356	47980	47045	46852	47690	47082	47349	48332	47560	47333	47661	47716	103.284
	11	47904	47684	47449	47780	47803	47384	47639	47057	46880	47422	47968	47260	103.334
	12	47291	47017	47782	47599	46758	48057	46915	46776	47686	47910	47787	47204	103.071
	13	48188	47752	48147	47195	47592	47379	47461	47861	47730	46642	47624	47429	103.473
	14	47608	47352	47510	47666	47245	46795	47481	46509	47881	47027	47251	47308	102.863
	15	47297	47486	47216	47723	47329	47478	46841	47333	47833	47223	47050	47720	103.026
	16	47500	47208	47591	48119	47526	47354	48006	47657	47872	47223	47267	47128	103.374
	17	47153	46790	47646	47245	47096	46744	47784	46563	47665	47220	47325	47299	102.663
	18	47545	47314	47178	47876	47209	47177	47457	47211	46891	47103	47032	47177	102.780
	19	47419	48149	47905	47372	46954	47462	47500	47273	48563	47055	47201	47476	103.352
	20	47538	47180	46877	47748	47476	46822	47648	47367	47572	47570	47483	47437	103.060
	21	47048	47671	47596	47182	47717	46909	47296	47931	48055	47884	47109	47064	103.195
	22	46798	47733	47505	47527	47578	47196	47314	46903	46844	47270	47399	47538	102.858
	23	47088	47385	47329	47271	48054	47700	47528	47024	47518	47443	47631	47860	103.261

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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
11	0	46840	47010	47312	47563	47553	46637	47167	47621	46549	46733	47164	47261	102.458
	1	47342	47167	47404	46946	47286	47884	47060	47334	46979	47413	47368	47619	102.894
	2	47417	48063	47499	47828	47647	46971	47658	47970	48186	47966	47243	47854	103.709
	3	46965	46446	47152	46994	47510	47453	47161	47057	47528	47746	47865	46816	102.693
	4	46867	46841	47222	47472	47844	47851	47067	47624	47165	47398	47632	47344	102.989
	5	47881	46543	47184	47050	47095	47709	47583	47584	46433	48382	47265	47738	103.011
	6	47361	46949	47321	47428	47080	47985	47067	47366	47756	48097	46524	47719	103.048
	7	47572	47730	47452	47975	47426	47393	47738	47516	47164	47473	47798	47177	103.367
	8	48000	47592	46973	47517	47455	48000	46845	47903	47617	47547	47197	47174	103.259
	9	46818	48249	47444	47586	47994	47279	46900	47975	47445	47430	46685	46535	102.991
	10	47690	47221	47768	46802	47271	47155	47292	46685	47482	47618	46931	46942	102.722
	11	47475	47484	47647	47760	47499	47849	47937	47511	47157	47502	46726	47394	103.281
	12	47123	46904	47656	47358	47352	47636	47323	46954	47150	47673	47137	47308	102.853
	13	47328	47112	47612	47724	47557	47758	47047	47789	47900	47093	47492	47997	103.366
	14	46668	46994	47369	47054	47256	47892	47379	47039	47257	47156	47468	47168	102.694
	15	47347	47335	46965	47065	47016	47905	47103	47608	47003	47286	47155	47289	102.763
	16	47786	47630	47339	47538	47570	47200	47421	47937	47813	47361	47184	47556	103.353
	17	47008	47216	46904	46550	47128	47442	47810	47225	47703	46455	47811	47164	102.643
	18	47121	47522	48009	46922	46964	47388	47371	47538	47034	47233	47276	47240	102.861
	19	47909	47948	47235	47109	46920	47458	47468	46851	47661	47374	47081	47184	102.965
	20	47128	47309	47277	47837	46871	47366	47392	47570	47442	47276	47043	46966	102.835
	21	47713	46933	47321	46924	46858	47166	47497	47304	47292	47002	47192	47739	102.738
	22	47722	47495	47447	47400	47444	47505	47767	47262	47287	47774	47435	47502	103.299
	23	47443	47925	47380	47827	47414	47394	47233	47712	47507	46962	48211	47689	103.418
12	0	47192	47713	47593	47617	47937	48155	47296	46878	47099	47671	46952	46934	103.112
	1	47825	47656	47547	47321	47135	47185	47268	47438	47871	47166	47927	47468	103.257
	2	47445	47316	47353	47185	47378	46578	48018	46882	46817	47213	47650	46948	102.709
	3	47199	47317	47645	47141	47528	47672	46573	47466	47255	47156	46988	46853	102.711
	4	47260	47749	47224	46800	47519	47382	47870	47713	47327	47150	47895	47433	103.169
	5	46858	47361	47037	47801	47700	46989	47708	47176	47580	47161	47546	47734	103.048
	6	47464	47361	48098	47641	47342	48098	47759	47796	47227	47337	46929	47850	103.456
	7	48158	47320	47528	47574	48286	47566	47215	47004	47507	47425	47349	47209	103.318
	8	47347	47769	47793	47712	47697	47322	47856	47756	47552	47810	47901	47836	103.718
	9	47223	46885	47119	47428	47192	47828	47616	47331	47321	47258	47680	47642	103.025
	10	47866	47319	47247	47358	47227	47661	47186	48135	47497	47497	47487	47479	103.285
	11	47425	47281	47330	47166	47828	47709	47314	47426	47594	47110	47436	46938	103.030
	12	47096	47447	47920	47484	47581	47161	47608	47501	47591	47718	47166	47853	103.315
	13	47331	46821	47167	47640	47430	47623	47307	47339	47232	47078	47552	46760	102.799
	14	47552	47247	47529	47510	47562	47540	48098	48038	47517	47920	47773	47512	103.618
	15	47337	47752	47983	47652	47568	46819	46984	47324	47470	46535	47215	47381	102.934
	16	47230	47300	47413	47291	47328	46906	47318	47179	47236	47613	47712	47149	102.871
	17	47784	47206	46942	47299	47351	46866	47272	47926	47437	47346	46963	47721	102.950
	18	47315	47335	47239	47599	47657	47144	47441	47068	47910	47293	47604	47414	103.114
	19	47445	47842	47542	47373	47481	47916	47564	46979	47419	47298	47225	47044	103.134
	20	47482	47148	47734	47262	47343	47413	46778	47531	47143	47252	47724	47435	102.974
	21	47330	47520	47034	47883	47435	47036	46675	47506	47527	47528	47075	47459	102.931
	22	46972	47712	47392	47364	47269	47343	46888	47193	47291	47770	47295	47278	102.888
	23	47462	46993	47596	47329	47296	47667	47553	47758	47120	47189	47192	46966	102.952

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – September 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	
13	0	47670	47059	47314	47238	47436	47235	47797	47504	47073	47047	46395	47545	102.804	
	1	47018	47625	47337	47260	47118	47682	47036	47452	47532	47985	47263	47185	103.019	
	2	47003	47829	47762	47256	47568	47156	47541	47027	47143	47738	47814	47024	103.086	
	3	47992	47380	47115	48172	47265	47569	48167	47397	47211	47468	47694	47422	103.447	
	4	48176	47513	47309	47586	47926	46994	47511	47699	47206	47274	47876	47137	103.329	
	5	46830	47609	47182	47827	48023	47520	47419	47224	47627	47290	47597	47222	103.178	
	6	47635	46845	47252	47564	47464	47152	47832	47235	47297	47582	47280	47663	103.075	
	7	47103	47056	47540	47428	47563	47387	47463	46896	47710	47605	47643	46900	102.983	
	8	47661	47772	47508	47983	47742	48225	48021	47610	47507	47552	46986	47939	103.746	
	9	47685	47183	47581	47634	47601	47502	47573	47554	47514	47635	47640	47201	103.347	
	10	48066	47596	47420	47527	47507	47632	47815	47134	47895	47779	47849	47655	103.632	
	11	47415	47080	47506	46868	47273	47248	47247	47807	47664	47266	47610	48043	103.116	
	12	47573	47922	47233	47608	47349	47311	47508	47978	47820	47840	47417	47591	103.501	
	13	47181	47225	47506	47660	47856	46967	47371	47333	47051	47531	47765	47451	103.092	
	14	47367	47545	48216	47134	47074	47845	47422	47360	47733	47877	47377	47276	103.333	
	15	47335	47542	47318	48085	47723	47056	48352	47620	47257	48291	47547	47800	103.641	
	16	47376	47499	48248	47558	47279	47119	47777	47366	47070	47391	47434	47517	103.226	
	17	47292	47671	47581	47501	46978	47506	47407	47549	46967	47629	47022	47770	103.088	
	18	47333	47319	47131	47791	47537	47531	47089	47801	47514	47152	48116	47697	103.294	
	19	47675	47426	47069	47107	47989	47816	47401	47504	47287	47567	47136	47633	103.221	
	20	46953	48616	47462	47792	47589	46966	47315	47379	47347	47382	47441	48081	103.351	
	21	47901	47416	47317	47905	48172	47067	47745	47462	47474	47286	47410	47885	103.481	
	22	47558	47824	47154	47271	47650	47365	47258	47491	47764	46974	48278	47378	103.286	
	23	47393	47120	47212	47149	47335	47688	46831	47771	46862	47868	47384	47163	102.889	
14	0	47603	47526	48435	46722	47243	47284	46810	47096	47585	48064	47381	47443	103.141	
	1	47623	47545	47096	47317	47200	47497	46984	46983	46976	46697	47297	47727	102.738	
	2	46798	47315	47240	47393	46997	47595	47362	47307	47723	46586	47542	47597	102.831	
	3	47193	47213	47190	47374	47100	47715	47347	46678	46957	47572	47605	46971	102.733	
	4	46515	46947	47347	47169	47798	48050	46849	46648	47097	47263	47336	47296	102.624	
	5	46931	47325	47663	46650	47102	47042	46964	47218	47065	47326	47206	47494	102.565	
	6	47476	47038	46954	47928	47949	46953	47391	47856	47209	47889	47061	47335	103.118	
	7	47084	47634	47336	46880	47404	47205	47294	47320	46678	47630	47570	47112	102.775	
	8	47455	47758	47310	47039	47117	47529	47663	47112	46943	47467	47760	47733	103.091	
	9	47213	47079	46750	46923	47881	47041	47079	47439	47469	47254	47314	47113	102.668	
	10	47387	46626	47320	47574	46847	46765	47653	47687	47279	47701	47168	47883	102.910	
	11	47671	47464	46918	47635	47405	47186	47478	47761	47532	46785	47420	47054	102.986	
	12	47007	47158	47246	47392	47953	47349	47310	47383	47091	47527	47368	47879	103.050	
	13	47868	47151	47370	47603	47897	47493	47345	46903	47712	47614	46953	47294	103.148	
	14	47104	47470	46812	47028	47246	47301	47457	47115	47133	47524	47342	46721	102.613	
	15	47107	47437	47655	47389	47753	47248	46900	46775	47341	47364	47176	47118	102.796	
	16	47005	47424	47291	47564	47634	47542	47417	47401	47527	46829	47260	47309	102.967	
	17	47395	46982	47625	48055	47323	47210	47163	47041	47366	47426	47276	47088	102.921	
	18	47883	47550	47997	47022	46519	47066	47229	47710	46672	47130	47179	47113	102.762	
	19	46935	47982	46986	47326	47931	47621	47196	47485	46936	47735	46918	47440	103.019	
	20	47105	47189	46870	47187	46971	46743	47677	47098	47623	47589	46861	47153	102.579	
	21	46986	47048	46760	47825	46813	47332	47369	47126	47484	47506	47075	46823	102.594	
	22	46777	46937	46581	47150	47183	47811	47270	47592	47125	47885	47189	47163	102.687	
	23	47381	47317	47189	47542	47551	47614	47206	47101	47498	46879	47411	46805	102.838	

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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	47454	47190	47697	47385	47305	46627	47378	47070	46743	47295	46868	47951	102.739
	1	47231	46756	47722	46579	46646	46300	47465	47101	47046	47265	47578	47170	102.361
	2	47131	47316	46834	47866	46852	46623	46943	47058	47125	46755	46731	47092	102.265
	3	47751	46914	47213	47087	47075	47099	46874	46495	47208	47474	46288	47419	102.368
	4	47388	46854	47572	47269	47270	47301	47207	46899	47760	47417	47502	47039	102.835
	5	46961	47076	46838	47362	47487	47091	47269	47173	46507	47453	47390	46739	102.449
	6	47584	47114	46804	47260	47246	47150	46803	46748	46756	47166	46616	46947	102.240
	7	47089	47298	47265	46816	47016	47477	46565	47892	47589	47856	46825	47363	102.757
	8	46727	46564	47065	47932	47173	47594	47121	47117	46844	47208	47371	47443	102.596
	9	46980	47166	47529	47052	47400	47734	47788	47246	47094	47541	47301	47361	102.964
	10	48022	47524	47415	47001	46870	47177	47237	47151	47238	47474	47420	47666	102.965
	11	47147	47298	47352	46817	47302	46949	47306	47574	47776	46990	46998	47787	102.802
	12	46966	46907	47057	47337	47566	46963	47334	47143	47210	47016	47074	47679	102.613
	13	46825	47097	47800	47166	47372	47160	47104	46427	46589	47580	47860	47829	102.714
	14	47612	47274	46672	47084	47568	47262	47265	47668	46983	46966	47239	47665	102.795
	15	47368	47139	47326	47172	46606	47553	47108	46915	47428	47046	47660	46503	102.535
	16	46956	47497	47809	47563	47521	47263	47390	46997	47155	47166	46921	47735	102.925
	17	47563	48106	46955	46948	47347	47329	46780	47287	47738	46995	47841	47264	102.958
	18	47860	47002	47563	47442	47120	47609	47466	47195	47889	47068	47664	47850	103.243
	19	47168	47189	47178	47260	47397	47454	46854	47566	47547	46972	47371	47161	102.770
	20	47840	47051	47474	47362	47143	47169	47082	46651	46934	46708	46968	46791	102.417
	21	46554	47227	48009	46704	46389	46861	47122	47284	46836	47040	46977	46764	102.163
	22	46890	47096	47093	47173	47168	47433	46855	46797	46421	46969	47878	46450	102.246
	23	46768	46764	46998	46934	46692	46992	47067	47216	46732	46860	47781	46906	102.153
16	0	46806	47298	47444	47494	46925	46840	46793	46640	47339	47746	46854	46975	102.402
	1	47027	47125	47063	47288	47332	47082	47221	46859	46841	46813	46971	47045	102.325
	2	46567	47288	46667	47787	46811	47817	47140	47344	47076	47572	47120	46930	102.589
	3	46220	47069	46787	47402	47857	46551	47085	47036	47184	47027	46748	46988	102.197
	4	46265	47342	47580	47162	46615	46652	47187	47275	47130	47443	47675	46703	102.391
	5	46603	46628	46910	47001	47177	46972	47030	47017	47364	47474	47009	47218	102.279
	6	47159	48041	46867	46407	46580	47108	46402	47162	46501	47433	47415	46706	102.165
	7	46849	47383	47322	46715	46310	46841	47279	47116	47291	46738	46202	47251	102.077
	8	47289	47051	46949	47519	47587	46975	47166	47038	47116	47230	47520	46845	102.619
	9	46873	47306	47320	47006	47648	47292	47094	47466	47031	46754	47406	46830	102.572
	10	46846	46484	47198	47673	47352	47094	47305	47199	47408	47338	46882	47214	102.566
	11	47536	47572	46791	47454	47656	47584	47064	47383	47468	47531	46622	47509	102.961
	12	46992	47756	47698	46871	47017	47186	47499	47062	46941	47095	47284	47236	102.683
	13	46524	47167	46949	47342	47254	47562	46889	47129	47203	46780	46767	47235	102.350
	14	47213	47225	47492	46947	47208	47119	47195	47013	47444	47595	46885	46853	102.602
	15	46253	47225	47410	47236	47172	47127	47258	47334	47124	47231	47362	47344	102.581
	16	47215	47540	46753	46738	46976	47553	46758	46595	46775	47337	47055	47083	102.274
	17	47454	47403	47268	46919	47732	47326	47236	46986	47459	46854	47024	47459	102.771
	18	47386	47371	47050	47041	46992	46947	46979	47397	46735	46592	47401	47249	102.412
	19	46768	47396	47390	46476	46990	47118	46900	46742	46677	47203	47209	46962	102.174
	20	47038	47197	47086	46657	46796	46696	46700	47160	47010	46707	46645	47147	101.994
	21	47195	47033	46205	46445	47421	46754	46652	46829	47565	46819	47385	46726	102.029
	22	47318	46944	46816	47938	46963	46707	47211	47476	46155	46827	47311	47037	102.332
	23	46875	47182	46571	47097	47320	46928	47362	47567	46880	47252	47353	47156	102.484

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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	47276	46650	47293	46706	47682	46387	47101	47229	47364	47434	46685	47152	102.371
	1	46746	46838	47065	46932	47009	46641	47394	47045	47195	46958	47356	47061	102.249
	2	47499	47318	47381	47788	46904	45983	47235	47032	47336	46659	46985	46898	102.390
	3	46909	47141	47362	46686	46782	46784	47570	46768	47521	46588	47493	47353	102.378
	4	47197	47030	47159	46637	47361	46940	46388	47057	47162	47502	46644	46708	102.166
	5	46840	47572	47210	47252	47434	46949	46891	46529	46877	46608	46707	47370	102.248
	6	47293	46973	46620	47445	47000	46922	47367	47128	47784	46453	47234	46727	102.376
	7	46517	46022	47151	46504	46804	46943	46697	47416	47181	46590	47312	47714	101.996
	8	46937	47031	47287	47251	47438	47062	46957	47368	46851	46879	47303	46850	102.425
	9	47486	47205	47019	47031	47282	46405	47237	46720	46725	47171	47238	47487	102.387
	10	47604	47093	47201	47215	47038	46917	46990	47097	47426	46503	47242	46887	102.424
	11	47161	47431	47840	47022	47495	47739	47102	46507	46884	47140	47566	47223	102.768
	12	47712	47167	47565	47181	46772	47223	47201	46762	47186	47098	46873	47453	102.603
	13	47129	47114	47075	47333	46640	47035	47334	47101	47060	46794	47051	46798	102.289
	14	47405	47609	47734	47115	46752	47301	46506	47422	46471	46786	47640	47311	102.577
	15	46610	46623	46881	47096	47255	47442	46962	47246	46152	46646	47133	47528	102.128
	16	46846	47885	47264	47329	47031	46766	47098	46963	47444	46994	46516	47578	102.516
	17	47206	47272	46995	47809	47167	47197	47368	47767	46769	46892	46971	47095	102.660
	18	47172	46977	47521	47520	47532	46597	47356	47396	47763	47027	47364	46504	102.700
	19	47087	46556	47630	47020	47054	47398	47445	47423	46631	47362	46649	46969	102.427
	20	47200	46707	47091	47058	47082	47610	46836	47473	46674	47151	47444	47456	102.528
	21	47458	46894	46908	46681	47321	47343	47229	47028	47260	47627	47189	46536	102.472
	22	47230	47221	46944	47137	47106	46853	47519	46812	46939	46818	47255	46994	102.355
	23	47649	47113	47351	47147	47339	47008	47896	47010	47355	47295	47366	47587	102.951
18	0	46740	46862	47759	47031	48051	47119	47714	46740	47465	47048	47632	47591	102.885
	1	46499	47361	46868	47167	47061	47217	46988	47870	47625	47544	47666	46980	102.721
	2	47529	48031	47728	47234	46719	47551	47024	47613	47503	47002	47435	46889	102.976
	3	47144	47044	47331	46812	47546	46915	46924	46866	47244	47296	47067	46841	102.392
	4	46841	47055	47229	47172	46651	46883	47329	47264	46862	47067	47460	47705	102.480
	5	46703	47012	47556	47316	47099	47186	47254	46462	47043	47044	47134	47538	102.449
	6	46530	47634	46845	47769	47020	46875	47522	46864	47271	46909	47448	47550	102.610
	7	46871	47060	47306	47156	47410	47558	47041	46740	46926	47263	46904	46765	102.387
	8	47520	47251	47057	46603	46786	47510	46962	46736	47276	46696	46765	46719	102.184
	9	46570	46838	47278	47127	46773	46894	47515	47400	46604	47161	46832	47176	102.235
	10	46639	47211	47001	46677	46954	47430	46772	47152	47433	47102	47467	47326	102.416
	11	47349	46601	47077	47124	47581	47796	47161	47007	47045	47247	46977	47056	102.571
	12	47366	47477	47187	47618	46478	46854	46947	47149	47492	47350	47349	47093	102.633
	13	47441	47567	47235	46731	47088	47585	46910	47505	47771	47365	46859	47133	102.783
	14	47585	47324	47592	46787	47597	47261	47366	47276	47491	47609	47292	46991	102.960
	15	46982	47506	46632	47238	46953	47685	47154	46943	47302	47234	47189	46911	102.518
	16	46864	46470	46756	47829	47518	46963	47060	47439	47214	47233	46829	47516	102.511
	17	47439	47370	47055	46897	47275	47157	47090	47187	47215	47261	47123	47543	102.678
	18	47405	47241	47790	46835	47015	47540	47643	47263	46841	47255	47114	47390	102.809
	19	47382	47073	47087	46902	47540	47204	47326	46896	47032	47446	47903	47032	102.716
	20	46903	47687	47529	46815	47092	47365	47081	47841	46933	46666	47620	47253	102.710
	21	47106	46548	47492	47081	47329	46988	47289	46899	47257	47552	47114	47056	102.515
	22	47580	47033	47380	46766	47531	47297	47516	47220	47286	47559	47143	47560	102.906
	23	47278	47405	47369	46933	47437	47036	46886	47216	46986	47641	46986	47655	102.717

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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	47109	47181	47856	47128	47897	46975	46911	47282	47324	47245	46663	46962	102.660
	1	46431	46437	47529	47050	46147	47044	47266	46665	47213	47155	47302	46589	101.993
	2	47174	47052	46893	46428	47524	47248	47220	46722	47452	46455	46985	47618	102.345
	3	47247	47326	47421	47051	47050	47303	46746	46700	47029	47562	47216	47231	102.546
	4	47091	46671	47314	46829	47523	47166	47511	46995	46699	46773	47531	47611	102.515
	5	46862	46590	47652	46412	46744	47361	47283	46735	46479	47246	47701	47471	102.302
	6	47186	46806	47175	47093	46870	47543	47147	46860	46703	46902	47168	46776	102.247
	7	47490	47636	47203	47239	47141	47056	47644	47459	47621	47162	46935	46707	102.802
	8	47482	47834	47348	46744	47354	47344	48371	47471	47320	46984	46397	46910	102.849
	9	47135	47528	47138	47616	47783	47668	46728	47918	46994	47511	46528	47661	102.967
	10	46788	47629	47204	47628	46921	48218	47795	47286	47550	46825	46465	47285	102.856
	11	47411	46909	47452	47453	47714	47298	47146	47659	46860	46818	47079	46892	102.693
	12	47145	47152	47282	46977	47295	47399	47173	47544	48068	47497	47584	47323	103.009
	13	47232	47508	47665	47181	47279	46948	47748	47499	46923	46896	47504	46972	102.812
	14	47247	47243	47279	47291	47514	46651	46642	47256	47332	47138	47335	47705	102.682
	15	47761	47242	47461	47699	47960	47723	47583	47667	46875	47762	47540	47019	103.345
	16	47758	47480	47354	47995	47227	47198	47804	47762	47110	47476	46895	47403	103.195
	17	47507	47444	47166	47483	47611	47772	46666	47735	47255	47463	47087	46906	102.947
	18	47284	47776	47167	47065	46556	47464	47615	47135	47449	47343	47158	47301	102.805
	19	47503	46974	47345	46916	46941	47582	47187	47564	47502	46737	47316	47553	102.771
	20	47342	47810	47180	47251	47616	47205	47478	46691	46846	47262	47427	47060	102.779
	21	47909	47931	47363	46699	47537	47332	46944	46889	47195	47205	47897	46695	102.857
	22	46977	47914	47309	47608	47142	47307	47227	47300	47170	47034	47635	47785	103.004
	23	47233	47898	46997	46610	46968	47848	47260	47113	47034	47509	47389	47207	102.761
20	0	47345	46759	47181	47452	47244	47709	47341	47245	46893	47291	47471	47141	102.753
	1	47424	46973	47399	47447	46988	47006	47267	47332	46932	47392	47019	47289	102.652
	2	47096	47347	47310	47619	48134	47312	47466	47416	47022	47417	47348	47443	103.099
	3	47192	47919	47603	47218	47087	46920	47385	47292	47461	47153	47002	47487	102.879
	4	46872	46673	47662	47603	46833	47387	47212	47261	47461	46868	47555	47171	102.668
	5	46727	47763	46897	47275	47152	47329	46927	47022	47355	47747	46669	47557	102.643
	6	47193	47410	47061	47481	47350	47362	47541	47171	47704	46461	47647	47102	102.836
	7	47300	47043	47175	46721	47651	46728	47165	47018	47120	47366	46798	46830	102.371
	8	46752	47092	47036	47014	47336	47938	47916	47162	47829	46854	47678	47774	102.999
	9	47245	47490	47555	46835	46161	47405	47493	46744	47286	46986	47149	47308	102.505
	10	47223	47085	46968	47754	47387	47492	47309	47254	46914	47364	47295	47402	102.829
	11	46834	47666	47355	47641	47346	47631	47441	47509	47410	47238	47326	47125	103.024
	12	47104	46892	47174	47273	47373	47292	47233	47373	47581	47105	47754	46856	102.751
	13	48098	47206	47246	47270	47487	47398	46432	48050	47815	46970	47207	46725	102.912
	14	47326	47764	47010	47172	47434	47035	47753	46965	46727	46902	47205	46767	102.578
	15	46995	47158	47279	47545	47580	47097	46998	47320	47412	47412	47118	47555	102.833
	16	47279	46615	47019	47240	46894	47258	47642	47628	46707	47004	47713	47079	102.581
	17	46917	46944	47367	47143	46906	46898	47391	47656	47312	47045	46717	47164	102.469
	18	46935	46989	47556	46911	47580	47138	46823	47655	47504	47284	46973	47569	102.733
	19	46532	47397	46589	46723	47385	47127	47224	47604	47364	47138	47242	47640	102.561
	20	47605	47371	46582	47642	46879	47923	46534	47172	47665	46954	47650	47368	102.811
	21	47637	47938	47502	47322	47497	46719	47688	47309	46986	47771	47295	47281	103.101
	22	47397	47603	47807	47035	47487	47530	47197	46454	46806	46699	47064	47016	102.585
	23	47115	47458	46788	47204	47823	47179	47563	46611	47104	47528	47511	47068	102.740

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – September 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	47432	46792	47600	47375	47077	47113	47631	47421	47432	47158	47411	47763	102.969
	1	47562	46406	46790	47359	47361	47183	47044	47014	46398	47216	47042	47099	102.291
	2	47536	46769	47604	47168	47634	47317	47444	47322	46886	47156	47369	47727	102.917
	3	47667	46929	47890	47656	47166	47056	47266	47278	47096	47386	46922	47305	102.860
	4	47312	46910	46882	47077	47530	47638	47278	47194	47333	47457	47486	47462	102.850
	5	46739	47278	47199	47045	47962	47460	46972	46793	47330	47694	46943	47421	102.719
	6	46787	47032	47116	46960	47032	47384	46778	47250	47332	46809	47424	47179	102.401
	7	47362	46846	47089	47642	47254	46327	47147	46872	46793	47379	46875	46526	102.225
	8	47023	47679	47427	47593	47362	47447	46905	47624	47663	47201	46952	46959	102.900
	9	47206	47845	47026	47514	47134	47825	47282	47747	47151	47522	46963	46869	102.944
	10	47366	47356	47662	47237	47404	47268	47138	47057	47736	47637	47361	46920	102.955
	11	47289	47565	47707	46943	47160	47492	47064	47300	47390	48049	47164	47190	102.987
	12	47470	47418	47352	47283	48251	47805	47165	47786	47275	46641	47440	47026	103.094
	13	47435	47767	47330	47122	47346	47220	47400	47592	47455	47005	47753	47360	103.072
	14	47568	47128	47615	47341	46644	48334	47991	47697	46787	47394	47032	47282	103.077
	15	47905	47666	46971	47312	47320	47544	47535	47656	47522	47805	46392	47161	103.073
	16	47645	48052	47222	46738	47935	47359	47242	47217	47100	47431	47085	46927	102.921
	17	47776	47149	48076	47232	46971	47560	47766	48001	47276	47376	47163	47812	103.321
	18	47216	47164	47983	48169	46925	47387	47086	46550	47886	46889	47360	47197	102.896
	19	47355	47213	47374	47521	47414	47256	46893	46994	46921	47717	46660	46718	102.574
	20	47668	47566	47456	47164	47547	47133	47853	46886	47236	47111	47380	47725	103.061
	21	46904	46617	47193	47228	47661	47254	47451	47349	47258	47810	47576	47006	102.804
	22	46997	47228	47297	47777	46974	47653	47591	46805	47717	47617	47272	47171	102.948
	23	47262	47331	46594	46812	47256	46613	47448	46878	47165	47049	47157	47029	102.313
22	0	47696	47029	46985	46935	47443	46748	47362	47710	47133	47682	46393	47147	102.613
	1	47478	47346	46970	47683	47087	47247	47152	47416	47303	46712	47437	46788	102.680
	2	47076	46572	47244	47682	47488	47992	47152	47615	46786	46801	47019	47445	102.725
	3	47390	47387	46933	46514	46551	47496	46826	47616	47562	46801	47265	47133	102.472
	4	46709	47026	48036	47236	46386	47059	47578	48443	47657	47256	47205	46751	102.811
	5	46932	47458	46946	47119	47191	47298	47073	47308	47107	46853	47188	47199	102.508
	6	47692	46851	46921	47107	46699	47148	47803	46930	46790	47135	47585	46859	102.480
	7	47522	47510	46920	47096	47473	47020	47733	46951	47473	46461	47162	47288	102.678
	8	47443	47556	47166	46837	47259	47331	46871	46922	46270	47061	46673	47168	102.306
	9	46898	47261	48045	47493	46938	47434	47718	47333	47223	47675	47730	46846	103.038
	10	46872	47335	47724	47430	47473	47187	46945	47714	47531	47041	47452	47106	102.895
	11	47295	47127	47588	47089	47246	47218	46638	47078	47208	47920	47246	47459	102.769
	12	46881	47034	46911	47751	47444	46715	47439	47231	47240	48001	47444	46954	102.757
	13	46840	46659	47661	46870	47327	47667	47450	47341	47646	46896	47123	47544	102.753
	14	46560	47151	47099	47218	47780	47149	47341	46962	47465	47402	46853	47293	102.617
	15	47465	47331	47193	46910	47200	47326	46969	46826	47286	47054	46783	47235	102.491
	16	47780	47015	47290	47082	46942	46884	47417	47290	47661	46929	47245	46643	102.600
	17	47238	47084	47284	47267	47283	47091	47664	47372	46938	47422	47511	47056	102.787
	18	47200	47312	46780	47185	46742	47836	47150	46990	47231	47641	47262	47287	102.679
	19	48136	47198	47328	47014	47623	47103	47158	47298	47472	47432	47408	47126	102.983
	20	47239	47654	47971	47089	46581	47359	46844	47509	47184	47433	47709	47077	102.866
	21	47324	47593	46788	47448	47303	47364	47210	47443	47772	47208	47407	46920	102.890
	22	47696	47518	47044	46926	47120	46678	47531	47039	46763	47667	47225	47408	102.679
	23	47521	46847	47434	47457	47196	47331	47304	47300	47864	46683	47580	47559	102.943

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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
23	0	47293	47677	47545	47123	46906	47417	47628	47716	47341	47862	46872	47245	103.040
	1	47159	47595	47485	47412	47424	47090	47059	47038	47018	46921	47316	47568	102.764
	2	47677	47394	46803	47336	47270	46969	47017	47267	47553	47186	46674	47103	102.613
	3	47820	47098	46866	47332	47201	47115	47707	47159	47557	47632	46361	46894	102.702
	4	47079	47145	47591	47106	46652	47117	46795	47168	47349	46838	47030	46845	102.334
	5	47007	47192	47129	46849	47599	46627	46842	47416	47249	47607	47640	47560	102.697
	6	46807	47017	47507	47272	47442	47418	47418	47693	46556	47144	46803	46576	102.504
	7	47313	47021	48067	47474	47697	47129	47108	46404	47168	47204	47001	47774	102.814
	8	47263	47425	46991	47016	47272	47269	47361	47700	47638	47031	47428	46765	102.777
	9	46873	47305	48243	46449	46793	47565	47145	47789	47855	47089	47579	47488	102.962
	10	47333	47325	47295	47473	47551	47549	47232	46898	47538	47377	47060	47349	102.926
	11	47494	47203	46559	46896	47277	47726	48212	46704	46872	46504	47184	47610	102.611
	12	47712	47025	47411	47691	47053	47859	46980	47454	47875	47295	47151	47925	103.189
	13	47388	47028	46980	46838	47559	47386	46754	47903	47569	47176	47158	47554	102.802
	14	47468	47219	47760	47181	47085	47301	47147	47326	47514	47201	47576	47602	102.999
	15	47422	47524	47139	47045	47584	47757	47213	47042	47564	47912	47131	47085	103.006
	16	47137	46935	47330	47686	46803	46952	47353	47058	47031	47344	46865	47410	102.550
	17	46971	46965	47738	46709	47015	46955	47626	46956	47069	47149	46926	47524	102.495
	18	47764	47016	47505	47133	47348	47765	47349	47145	47191	46871	47359	47200	102.865
	19	47830	47667	47173	47480	47194	47257	46883	47378	47491	47811	47577	47614	103.175
	20	47498	47119	47569	47711	47429	47385	48125	47466	47086	47565	47737	47484	103.324
	21	47690	47136	47551	47227	47610	47561	46925	47681	47605	47448	47218	47205	103.085
	22	47559	47541	47079	47463	47432	47073	47633	47042	47028	47628	47095	47151	102.880
	23	46761	48167	46950	47661	47485	47243	46508	47430	47755	47839	47167	47128	102.947
24	0	47366	47345	47383	47573	47266	47556	47635	47374	47716	46896	47259	47522	103.079
	1	47352	47474	46841	47336	47454	46864	47405	47945	46858	47305	47515	47641	102.928
	2	47619	47183	47675	47953	47038	47496	47060	47187	47787	47421	47682	47352	103.193
	3	47228	48042	47134	46656	47321	46817	46855	47701	47516	47286	47272	47183	102.750
	4	47560	46837	47267	47120	47633	47258	47739	47263	47341	47046	47177	46772	102.751
	5	47224	47660	46972	48034	47168	47412	47918	47158	47773	47913	47146	47008	103.181
	6	47621	47511	47294	47684	47174	47770	47627	46659	47575	47780	47166	47463	103.170
	7	48242	46886	47044	47345	47767	47412	47996	47171	47644	46917	47113	47189	103.061
	8	46918	47129	46738	47008	47464	47907	47491	47429	47390	47587	47242	47566	102.905
	9	47575	47036	47365	47373	46893	47158	46884	47495	47222	47759	47579	47904	102.974
	10	47606	47093	47660	46926	47693	47165	46824	47146	46973	48161	47328	46605	102.781
	11	47231	47588	47117	47604	46899	46876	47270	47402	47365	47525	47613	47194	102.873
	12	47632	47447	47741	46905	47763	48167	47759	47218	47608	47090	47893	47612	103.444
	13	47369	47645	47654	46936	47358	47804	47492	47705	47597	47400	47043	47114	103.132
	14	47257	47491	47428	47631	47698	46700	47496	47759	47720	48153	47270	47883	103.380
	15	47288	47981	47910	47088	47199	47002	47395	47119	47708	47134	47159	47312	102.983
	16	47630	48129	47338	47883	47114	47491	47762	47894	46992	46796	46577	47799	103.184
	17	47705	47248	47829	47702	47114	47335	47319	47401	47565	48252	47287	47137	103.273
	18	47637	47071	46739	47536	47427	47112	47078	47366	47290	47880	47574	47848	103.030
	19	47216	47179	47770	47900	46816	47904	47465	46711	47939	47067	47540	47387	103.091
	20	47922	47817	47436	47128	47475	47828	47287	47525	47411	47671	47205	47318	103.296
	21	48108	48042	46912	47699	47734	47544	47915	47928	47414	47285	47587	47368	103.570
	22	47140	47735	47298	47322	47300	47129	47470	47908	46772	47553	47437	47321	102.999
	23	47296	46881	47640	47048	47330	47379	46728	47024	47801	47564	46765	47086	102.666

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
25	0	47578	47266	47617	47551	47518	47399	46683	46238	47251	47110	47688	47256	102.772
	1	47487	47373	47672	47600	47400	47116	47457	47408	47065	46952	46739	46909	102.781
	2	46754	47604	47548	47039	47754	47658	46927	47085	46819	47182	47723	47646	102.883
	3	47371	47335	48114	47682	47572	47454	47635	47786	47632	47043	47569	47442	103.407
	4	47615	48023	47801	46634	47573	46993	46952	47782	46963	47184	47011	47219	102.884
	5	47539	47425	47693	47435	46883	47165	47197	46933	47072	47464	47452	47919	102.962
	6	47273	47648	47217	47153	47171	47444	47162	47246	47559	47390	47369	47952	103.035
	7	47378	47373	47137	47766	47491	47723	47504	47390	47976	47080	47053	47230	103.129
	8	46949	47669	47395	47633	47019	48006	47348	47096	47328	47292	47243	46732	102.877
	9	47347	47587	47577	47161	46746	47403	46889	47597	46806	46989	46930	47860	102.729
	10	46995	48090	47735	47439	47717	48055	47701	47712	47085	47328	47531	47988	103.541
	11	46780	47406	47258	47550	47741	47671	47702	47026	46836	47295	47475	47285	102.934
	12	47452	46875	47400	47224	47113	47326	47381	47523	47535	47503	47669	47389	103.001
	13	46798	47314	47146	47976	47642	47556	47389	47255	47289	46991	47176	47203	102.882
	14	47703	47178	47969	47079	47695	47486	47348	47408	47213	48015	47184	47814	103.309
	15	47745	46918	47444	47424	47340	47400	47510	47206	47930	47626	47369	47579	103.200
	16	47120	47829	47791	47128	47527	48065	47889	46776	47944	47562	47362	48016	103.475
	17	46959	48064	47854	47746	47672	47726	47299	47258	47739	47030	47373	46826	103.211
	18	47906	47747	47422	47277	48208	47828	47825	47221	47434	47208	48121	47484	103.597
	19	47143	46999	47266	47419	47920	47551	47178	47382	46942	47499	47134	48232	103.050
	20	47240	47734	47653	47670	47204	47384	47309	47298	48325	48084	47615	46972	103.381
	21	47554	47546	47887	47404	47197	47905	47508	48032	47735	47183	47563	47566	103.488
	22	47229	47716	47296	47406	46859	47838	47530	47610	47795	47285	47378	47748	103.236
	23	47271	47917	46825	47243	47459	47862	48125	47263	47487	47331	47951	47233	103.286
26	0	47575	47188	47951	47323	47283	47816	47518	48094	47495	47465	48487	47340	103.567
	1	46870	47292	47661	47555	47647	46516	47766	47653	47467	47171	47484	47374	103.012
	2	47510	47785	48232	47706	48255	47452	48019	46837	47678	47878	47296	47204	103.628
	3	47588	47254	47529	48120	46930	47308	47138	47360	47709	47158	47248	47801	103.136
	4	47639	47530	47279	47185	47400	47391	46738	47173	47657	47546	47407	47598	103.028
	5	47572	47231	48004	47462	47337	46884	47541	47289	47295	47332	47344	47166	103.013
	6	47507	47335	47478	48252	47869	47896	47873	47587	47194	47513	47433	46887	103.442
	7	47538	47666	47679	47521	48028	47455	46747	47856	48124	46862	48100	47202	103.433
	8	47395	47252	47424	47321	48005	47113	47769	47338	47708	46807	47410	47801	103.173
	9	47198	47141	46771	47308	47409	47884	47257	47723	47664	47491	47392	47595	103.081
	10	47325	47256	47413	47884	47566	47769	47754	47493	47718	47041	47562	47669	103.374
	11	47219	48123	47899	48186	47336	47523	47395	47300	46854	47420	47816	47772	103.445
	12	48118	47817	47674	47195	47671	46859	46771	47520	47602	47238	47922	47474	103.267
	13	47722	47236	47470	47226	47169	47640	47644	47201	47005	47472	47362	47599	103.065
	14	47081	47678	47874	46934	48285	47798	48165	47697	47417	47460	47834	47652	103.632
	15	46942	48062	47721	47398	47419	47210	47150	47078	47214	47407	48020	47943	103.213
	16	46826	47143	47124	47517	47397	47406	47551	47552	46948	47657	47392	47366	102.908
	17	47107	47544	47578	47515	48078	47549	46965	47289	47952	47638	47768	47865	103.446
	18	47213	47115	47824	46784	47156	46880	47720	47720	47878	47028	47507	47241	102.942
	19	47372	47489	46991	47504	47345	47831	47734	47434	47107	47293	47398	47679	103.143
	20	47901	47803	47161	48139	47530	46764	47863	48116	47979	47540	47074	47504	103.541
	21	47557	46953	47383	47697	47502	47251	47541	47797	46988	47350	46956	47018	102.928
	22	46993	47510	47123	47533	47191	46896	47332	47971	47928	47088	46782	47119	102.833
	23	47508	47100	47613	47412	47580	46766	47672	47042	46766	47782	47533	47074	102.902

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - September 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
27	0	47853	47178	47014	47339	46298	47747	47809	46948	46716	48088	46677	47318	102.745
	1	47312	47471	47147	46717	46623	47039	47119	47194	47223	47393	47031	47367	102.501
	2	47221	47440	47442	47092	47032	47624	47298	47751	47094	47751	46823	47116	102.872
	3	46999	46999	47072	46768	46655	47517	47329	47135	47259	47445	47529	47644	102.631
	4	47905	47976	47584	48162	47945	48287	47378	47389	47391	47454	47467	48438	103.904
	5	47728	47423	47561	47376	47197	47636	47401	48072	47118	48281	47807	47471	103.486
	6	47484	47093	47653	47226	47664	47144	47038	47664	47030	46896	47273	47422	102.855
	7	46562	47167	47606	47796	47045	46714	47066	47163	46253	47123	47433	47366	102.439
	8	47111	47028	47283	47611	47122	47126	46814	47628	47628	47037	47352	47087	102.717
	9	47180	46904	47884	47732	47845	47973	47575	47340	46848	47372	47456	47848	103.285
	10	47494	47572	47056	47199	47339	47241	47340	47562	47418	47062	46910	46974	102.779
	11	47637	47672	47421	47205	47582	47175	47103	47112	47678	47409	47110	46948	102.939
	12	47136	47624	47689	47171	47307	46862	47742	47293	47300	47271	46975	47531	102.912
	13	47405	47212	46984	47149	47343	47285	47183	46661	46791	47232	47012	47919	102.599
	14	47469	46927	47591	47741	47160	47600	47242	46956	47469	47291	47307	46972	102.880
	15	46923	47179	47232	46985	47584	47440	47034	47413	46755	47772	46968	48277	102.850
	16	47407	47546	46847	47303	46757	47501	47289	47570	46894	47364	47667	47915	102.940
	17	47388	47390	47548	47166	47636	46724	47530	47234	47291	47329	47813	47206	102.976
	18	47269	46950	46650	47590	47354	46869	46861	47454	47178	47161	47708	47788	102.718
	19	47554	47473	47451	47628	47015	47151	47251	47652	47196	47761	47535	47440	103.130
	20	47358	47440	47092	47388	47309	47452	47521	47769	47617	47530	47509	47330	103.168
	21	47494	47000	47603	47222	46575	47066	47465	46760	48083	47556	47174	46974	102.743
	22	47701	48222	47165	47668	47156	47183	47613	46882	47096	46902	47563	47043	102.964
	23	47141	47046	47581	47235	47311	47474	47312	47613	47797	46724	47458	46961	102.867
28	0	47711	47064	48040	47190	47401	47552	47472	47310	46964	47294	47137	46852	102.925
	1	46550	47647	47207	46906	47428	47707	48184	47540	47315	47492	47100	48291	103.177
	2	47970	47584	47231	46589	46777	47502	47932	46945	47665	47086	47325	47774	102.998
	3	47207	48071	47199	47641	47908	47168	46705	47070	47323	47237	46765	48136	103.008
	4	47671	46849	46975	47677	47408	47662	47811	47047	47044	47437	46884	47146	102.860
	5	47345	47127	47356	47353	47780	46756	47247	46993	47303	47218	47167	47514	102.777
	6	47329	47194	47253	47297	47211	47456	47176	47314	47151	46836	47464	47066	102.703
	7	47961	47830	47560	47323	47380	47646	46551	47434	47579	46910	47553	48109	103.262
	8	47753	46917	47649	47422	47522	47458	47283	47745	47647	47994	47549	47411	103.355
	9	47535	47691	47333	47610	47554	47513	47551	46641	46902	48103	47537	47710	103.234
	10	47542	47352	46938	47588	47532	47274	47575	47611	46990	47582	47549	47072	103.039
	11	46387	47159	47121	47430	47451	47673	47532	47028	47368	47562	47865	47822	103.003
	12	47174	46906	47526	47409	47070	47663	46798	47279	47376	46843	47299	47797	102.774
	13	46894	47504	47697	46717	47472	47366	47460	47499	47675	47597	47707	47132	103.060
	14	47730	47288	46889	46567	47328	48294	47118	47584	47521	47307	47510	47660	103.074
	15	47074	47920	47154	47457	47720	46884	47093	47115	47350	47712	47771	47819	103.123
	16	47577	47562	47419	47394	46833	47494	47058	47250	47404	47190	47099	47209	102.837
	17	47365	46900	47413	47313	47304	47520	47445	47644	47180	47516	47815	47171	103.035
	18	47330	47470	47136	47528	47251	47142	46788	47700	47323	47239	47436	47830	102.961
	19	47197	47220	46857	47358	47258	46811	47539	47222	47336	47430	47684	47664	102.853
	20	47605	47143	47065	47804	47747	47353	47573	47381	48517	47546	46983	47464	103.325
	21	47406	47686	47900	47358	47597	47698	47732	47858	46976	47156	47575	47555	103.382
	22	47398	47309	47693	47530	47873	46997	46777	48173	47375	47443	47036	47358	103.104
	23	47613	47485	47214	47633	46956	46700	46943	46852	46974	47465	46608	47471	102.552

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – September 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
29	0	47681	46962	46995	47628	47208	47360	47326	47320	46688	46902	47285	46844	102.599
	1	47128	47011	47373	47500	47073	47215	47854	46921	47714	46811	47027	47932	102.850
	2	46609	46912	47076	47608	46912	47511	47158	47785	46425	46920	47810	47080	102.532
	3	47751	47817	47564	46702	47242	47078	48405	47553	47598	47277	47938	47414	103.353
	4	47300	47381	47480	47319	47187	47554	47931	47324	47407	47530	47416	48095	103.279
	5	47617	47152	47244	47052	47283	47561	47627	47461	47312	47085	47613	47924	103.098
	6	47763	48031	47423	47375	47792	48198	47523	47632	47218	47724	47948	47187	103.621
	7	47671	47339	47517	48576	47926	47358	47551	47618	47460	46856	47258	48084	103.512
	8	47785	47608	47527	47955	47797	47701	47553	47669	47186	47446	47739	47154	103.495
	9	46869	47429	46699	47314	47866	48102	47594	47340	48015	47130	47242	47802	103.184
	10	47102	47910	47287	48059	47900	47275	47539	47275	47341	46902	47819	47581	103.290
	11	48060	46957	47610	47469	47948	46937	47210	47639	47189	47409	47226	47466	103.132
	12	47800	47298	47621	47541	47456	47392	47344	46755	47098	47971	46958	47566	103.075
	13	47189	47520	47278	47149	47293	47409	46824	47824	47455	47164	47126	47478	102.877
	14	48095	46988	47576	46807	47195	47263	47482	47478	47488	48405	48159	47074	103.294
	15	47415	47660	47505	47120	47537	46964	47298	47383	47978	47698	47106	47814	103.198
	16	47107	46811	48168	48232	47875	47457	47276	47273	47219	47257	47016	47460	103.138
	17	47113	47297	46958	47630	47549	46970	47716	46920	47841	47917	47095	47389	103.001
	18	47363	47663	47435	47210	47562	47861	47797	47264	47102	47504	46898	47678	103.172
	19	47370	47184	47127	47041	47359	47004	47020	47447	46807	47832	47634	47300	102.771
	20	47996	47343	47134	46950	47778	47277	47434	47331	47708	47999	46830	47374	103.139
	21	47915	46507	47264	46937	47253	47119	47398	47757	47132	47054	47329	47139	102.713
	22	47058	47120	47193	46683	46722	47909	47153	47541	47149	47610	47647	46937	102.698
	23	47855	47020	47261	47524	47419	47492	47224	47743	47039	47658	47345	47418	103.111
30	0	47330	47721	47754	47303	47243	47434	46664	47539	47241	47298	47812	47151	103.018
	1	47003	47163	47270	47801	47437	47790	47312	46892	47482	47717	47536	47381	103.072
	2	47637	47030	47122	47118	47374	47316	46956	47452	47274	47587	47387	46967	102.788
	3	47069	47732	46991	47727	48180	47483	46861	48087	47562	47445	47798	47432	103.359
	4	47611	47282	47619	47617	47499	47127	47826	47722	47736	48091	46886	47084	103.310
	5	47567	47874	47602	47424	47383	47212	47630	47596	47228	47184	47336	48119	103.320
	6	47290	47797	47384	47558	48041	47348	47957	47767	48194	47180	46976	47259	103.428
	7	46538	48388	47439	47351	46856	47614	47657	47939	47407	47011	47687	47719	103.220
	8	47138	47580	48103	47452	47163	47437	47345	47825	47673	47664	47380	47797	103.393
	9	46841	47602	47357	47664	47216	47818	47485	47214	47290	47574	47654	47846	103.213
	10	47077	46927	46891	47579	47762	47955	47580	47438	47511	47249	47960	47621	103.211
	11	47693	47171	47379	47347	47063	47538	47324	47744	47551	47837	47145	47682	103.197
	12	47587	47408	46952	46501	47076	47132	47566	47187	47043	47711	47282	47068	102.660
	13	47309	47059	47942	47073	47092	47621	47111	47398	47100	47213	47085	47387	102.819
	14	46693	47809	47236	46879	47389	47394	47501	46791	46855	47343	47838	47136	102.724
	15	47270	47477	47076	47180	47101	46959	47203	47701	47275	47964	47278	47492	102.925
	16	47182	47090	47520	46858	47007	46908	47848	47820	46405	47125	47676	46972	102.641
	17	46754	47171	47941	46652	47059	46874	47035	47469	47683	47341	47025	47579	102.673
	18	47244	47315	47491	47265	47409	47284	47397	48171	47702	46833	47299	47722	103.135
	19	47200	47657	47212	47071	46933	46991	47431	47236	47759	47400	47321	47884	102.947
	20	47518	47022	47083	46971	47392	47260	47130	47071	47194	47505	47335	47639	102.770
	21	47348	47497	47284	47306	47361	47478	47992	47467	46535	47119	47511	47571	103.015
	22	46701	47112	47154	47034	47766	47372	47271	47534	47147	46607	47448	47630	102.708
	23	47130	48248	47230	47373	47269	47097	48114	47014	47255	47443	47130	47276	103.034

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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	1017.00	1017.00	1016.99	1016.97	1016.94	1016.91	1016.87	1016.85	1016.85	1016.84	1016.81	1016.77	1016.89
	1	1016.73	1016.70	1016.68	1016.68	1016.69	1016.68	1016.69	1016.70	1016.68	1016.69	1016.71	1016.72	1016.69
	2	1016.71	1016.67	1016.62	1016.64	1016.69	1016.70	1016.69	1016.70	1016.70	1016.71	1016.74	1016.77	1016.69
	3	1016.78	1016.78	1016.77	1016.76	1016.75	1016.71	1016.67	1016.67	1016.69	1016.72	1016.76	1016.77	1016.73
	4	1016.82	1016.87	1016.95	1017.03	1017.06	1017.08	1017.06	1017.03	1017.06	1017.09	1017.10	1017.13	1017.02
	5	1017.17	1017.22	1017.22	1017.20	1017.26	1017.32	1017.31	1017.29	1017.30	1017.33	1017.34	1017.35	1017.27
	6	1017.38	1017.39	1017.41	1017.41	1017.40	1017.42	1017.45	1017.50	1017.55	1017.54	1017.48	1017.48	1017.45
	7	1017.48	1017.51	1017.55	1017.57	1017.60	1017.60	1017.61	1017.61	1017.59	1017.61	1017.61	1017.62	1017.58
	8	1017.64	1017.61	1017.57	1017.60	1017.63	1017.59	1017.55	1017.55	1017.54	1017.58	1017.63	1017.64	1017.59
	9	1017.63	1017.64	1017.66	1017.65	1017.62	1017.60	1017.58	1017.56	1017.51	1017.49	1017.47	1017.44	1017.57
	10	1017.41	1017.36	1017.26	1017.21	1017.23	1017.23	1017.19	1017.15	1017.12	1017.11	1017.10	1017.08	1017.20
	11	1017.05	1017.00	1016.96	1016.89	1016.85	1016.84	1016.79	1016.71	1016.69	1016.66	1016.62	1016.60	1016.80
	12	1016.55	1016.47	1016.45	1016.46	1016.42	1016.39	1016.35	1016.31	1016.27	1016.21	1016.17	1016.14	1016.35
	13	1016.09	1016.05	1016.04	1016.02	1015.98	1015.97	1015.95	1015.94	1015.89	1015.79	1015.76	1015.77	1015.94
	14	1015.71	1015.66	1015.63	1015.62	1015.62	1015.58	1015.53	1015.51	1015.48	1015.46	1015.45	1015.46	1015.56
	15	1015.46	1015.45	1015.42	1015.44	1015.42	1015.39	1015.38	1015.33	1015.30	1015.29	1015.30	1015.26	1015.37
	16	1015.20	1015.17	1015.20	1015.26	1015.25	1015.26	1015.26	1015.22	1015.22	1015.26	1015.25	1015.23	1015.23
	17	1015.26	1015.31	1015.34	1015.38	1015.41	1015.43	1015.45	1015.46	1015.46	1015.48	1015.51	1015.52	1015.42
	18	1015.55	1015.62	1015.67	1015.70	1015.77	1015.86	1015.92	1015.96	1016.02	1016.09	1016.15	1016.19	1015.87
	19	1016.17	1016.16	1016.17	1016.22	1016.30	1016.35	1016.37	1016.40	1016.43	1016.45	1016.40	1016.33	1016.31
	20	1016.29	1016.30	1016.31	1016.32	1016.33	1016.36	1016.38	1016.38	1016.38	1016.39	1016.40	1016.40	1016.35
	21	1016.37	1016.34	1016.32	1016.31	1016.29	1016.26	1016.22	1016.22	1016.23	1016.23	1016.20	1016.16	1016.26
	22	1016.13	1016.12	1016.13	1016.14	1016.14	1016.12	1016.07	1016.05	1016.05	1016.04	1016.06	1016.07	1016.09
	23	1016.04	1016.04	1016.06	1016.05	1015.99	1015.92	1015.89	1015.87	1015.84	1015.83	1015.81	1015.76	1015.92
2	0	1015.70	1015.72	1015.73	1015.73	1015.71	1015.68	1015.66	1015.64	1015.63	1015.60	1015.59	1015.59	1015.66
	1	1015.60	1015.60	1015.57	1015.50	1015.47	1015.50	1015.49	1015.45	1015.45	1015.47	1015.49	1015.50	1015.50
	2	1015.48	1015.45	1015.41	1015.36	1015.32	1015.30	1015.28	1015.27	1015.30	1015.31	1015.32	1015.34	1015.34
	3	1015.34	1015.31	1015.26	1015.24	1015.26	1015.27	1015.29	1015.28	1015.26	1015.27	1015.25	1015.29	1015.28
	4	1015.35	1015.36	1015.34	1015.33	1015.35	1015.40	1015.48	1015.54	1015.57	1015.59	1015.60	1015.62	1015.46
	5	1015.69	1015.77	1015.80	1015.79	1015.79	1015.75	1015.68	1015.61	1015.59	1015.57	1015.57	1015.58	1015.68
	6	1015.62	1015.67	1015.67	1015.66	1015.66	1015.71	1015.77	1015.81	1015.83	1015.84	1015.84	1015.84	1015.74
	7	1015.83	1015.79	1015.72	1015.68	1015.70	1015.74	1015.71	1015.70	1015.78	1015.86	1015.94	1016.01	1015.79
	8	1016.01	1016.03	1016.06	1016.08	1016.09	1016.09	1016.07	1016.06	1016.07	1016.03	1015.97	1015.92	1016.04
	9	1015.88	1015.81	1015.73	1015.69	1015.67	1015.60	1015.52	1015.48	1015.47	1015.49	1015.53	1015.50	1015.61
	10	1015.46	1015.44	1015.40	1015.33	1015.30	1015.29	1015.25	1015.21	1015.17	1015.11	1015.09	1015.09	1015.26
	11	1015.10	1015.07	1015.02	1015.02	1015.04	1015.03	1015.02	1015.00	1014.99	1014.95	1014.88	1014.86	1015.00
	12	1014.83	1014.82	1014.85	1014.84	1014.83	1014.82	1014.81	1014.78	1014.71	1014.67	1014.64	1014.57	1014.76
	13	1014.53	1014.54	1014.51	1014.44	1014.42	1014.40	1014.36	1014.33	1014.28	1014.21	1014.16	1014.15	1014.36
	14	1014.14	1014.11	1014.08	1014.06	1014.03	1014.00	1014.00	1013.99	1013.96	1013.97	1013.95	1013.91	1014.01
	15	1013.90	1013.91	1013.89	1013.86	1013.84	1013.81	1013.77	1013.73	1013.72	1013.74	1013.72	1013.69	1013.80
	16	1013.71	1013.69	1013.64	1013.59	1013.57	1013.57	1013.56	1013.54	1013.53	1013.55	1013.56	1013.54	1013.58
	17	1013.53	1013.52	1013.47	1013.45	1013.45	1013.47	1013.50	1013.51	1013.51	1013.51	1013.52	1013.56	1013.50
	18	1013.59	1013.62	1013.65	1013.66	1013.67	1013.67	1013.68	1013.76	1013.78	1013.74	1013.73	1013.71	1013.69
	19	1013.66	1013.63	1013.62	1013.62	1013.69	1013.78	1013.81	1013.82	1013.83	1013.79	1013.75	1013.74	1013.73
	20	1013.71	1013.72	1013.76	1013.79	1013.83	1013.85	1013.84	1013.83	1013.82	1013.80	1013.76	1013.74	1013.78
	21	1013.70	1013.66	1013.66	1013.67	1013.68	1013.67	1013.62	1013.60	1013.60	1013.60	1013.59	1013.57	1013.63
	22	1013.57	1013.57	1013.57	1013.56	1013.56	1013.53	1013.47	1013.45	1013.50	1013.56	1013.58	1013.58	1013.54
	23	1013.56	1013.52	1013.47	1013.43	1013.35	1013.27	1013.20	1013.14	1013.13	1013.10	1013.10	1013.15	1013.28

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
3	0	1013.16	1013.16	1013.16	1013.17	1013.18	1013.18	1013.20	1013.20	1013.16	1013.12	1013.09	1013.04	1013.15
	1	1012.96	1012.90	1012.88	1012.81	1012.77	1012.77	1012.79	1012.82	1012.81	1012.82	1012.81	1012.73	1012.82
	2	1012.63	1012.57	1012.56	1012.54	1012.54	1012.55	1012.54	1012.52	1012.51	1012.53	1012.51	1012.50	1012.54
	3	1012.53	1012.57	1012.59	1012.57	1012.55	1012.58	1012.61	1012.62	1012.64	1012.64	1012.62	1012.58	1012.59
	4	1012.53	1012.51	1012.52	1012.52	1012.54	1012.58	1012.58	1012.56	1012.57	1012.62	1012.64	1012.64	1012.56
	5	1012.64	1012.62	1012.60	1012.59	1012.61	1012.67	1012.76	1012.87	1012.90	1012.84	1012.78	1012.73	1012.72
	6	1012.68	1012.63	1012.61	1012.60	1012.58	1012.60	1012.63	1012.67	1012.72	1012.73	1012.69	1012.71	1012.65
	7	1012.70	1012.67	1012.65	1012.65	1012.69	1012.71	1012.75	1012.80	1012.80	1012.79	1012.80	1012.87	1012.74
	8	1012.90	1012.88	1012.88	1012.88	1012.87	1012.89	1012.87	1012.85	1012.82	1012.79	1012.81	1012.84	1012.85
	9	1012.85	1012.84	1012.76	1012.71	1012.70	1012.69	1012.67	1012.63	1012.61	1012.59	1012.53	1012.47	1012.67
	10	1012.44	1012.39	1012.32	1012.26	1012.23	1012.21	1012.18	1012.12	1012.05	1012.01	1011.97	1011.96	1012.18
	11	1011.96	1011.93	1011.92	1011.93	1011.93	1011.95	1011.95	1011.93	1011.94	1011.94	1011.90	1011.86	1011.93
	12	1011.83	1011.86	1011.87	1011.86	1011.88	1011.86	1011.87	1011.85	1011.81	1011.80	1011.81	1011.78	1011.84
	13	1011.74	1011.71	1011.70	1011.64	1011.58	1011.54	1011.51	1011.46	1011.42	1011.39	1011.36	1011.34	1011.53
	14	1011.31	1011.26	1011.20	1011.20	1011.26	1011.25	1011.23	1011.23	1011.26	1011.27	1011.28	1011.26	1011.25
	15	1011.22	1011.20	1011.19	1011.17	1011.13	1011.11	1011.04	1010.96	1010.94	1010.92	1010.90	1010.84	1011.05
	16	1010.78	1010.72	1010.65	1010.61	1010.62	1010.65	1010.68	1010.67	1010.62	1010.59	1010.57	1010.57	1010.64
	17	1010.61	1010.64	1010.66	1010.67	1010.70	1010.77	1010.82	1010.85	1010.86	1010.88	1010.97	1011.08	1010.79
	18	1011.15	1011.19	1011.19	1011.17	1011.16	1011.19	1011.22	1011.22	1011.25	1011.28	1011.30	1011.34	1011.22
	19	1011.37	1011.40	1011.44	1011.47	1011.50	1011.51	1011.51	1011.49	1011.47	1011.46	1011.47	1011.49	1011.46
	20	1011.50	1011.51	1011.52	1011.52	1011.50	1011.49	1011.51	1011.53	1011.50	1011.53	1011.58	1011.61	1011.52
	21	1011.65	1011.66	1011.61	1011.59	1011.62	1011.60	1011.57	1011.57	1011.58	1011.57	1011.57	1011.57	1011.59
	22	1011.58	1011.58	1011.54	1011.46	1011.40	1011.38	1011.36	1011.35	1011.33	1011.34	1011.38	1011.41	1011.42
	23	1011.41	1011.40	1011.39	1011.40	1011.39	1011.37	1011.37	1011.38	1011.42	1011.44	1011.41	1011.39	1011.40
4	0	1011.34	1011.33	1011.35	1011.34	1011.28	1011.21	1011.19	1011.20	1011.14	1011.10	1011.10	1011.11	1011.22
	1	1011.11	1011.13	1011.14	1011.12	1011.08	1011.04	1011.01	1010.96	1010.90	1010.89	1010.95	1010.98	1011.02
	2	1010.99	1010.96	1010.87	1010.84	1010.85	1010.87	1010.92	1010.92	1010.88	1010.84	1010.82	1010.79	1010.88
	3	1010.72	1010.64	1010.58	1010.56	1010.53	1010.52	1010.53	1010.54	1010.51	1010.42	1010.33	1010.27	1010.51
	4	1010.29	1010.32	1010.33	1010.42	1010.48	1010.46	1010.43	1010.43	1010.44	1010.46	1010.51	1010.55	1010.42
	5	1010.60	1010.66	1010.70	1010.66	1010.62	1010.61	1010.61	1010.63	1010.67	1010.67	1010.60	1010.57	1010.63
	6	1010.60	1010.62	1010.61	1010.58	1010.54	1010.52	1010.53	1010.64	1010.69	1010.66	1010.60	1010.56	1010.59
	7	1010.65	1010.69	1010.67	1010.68	1010.73	1010.80	1010.83	1010.86	1010.92	1010.97	1010.95	1010.91	1010.80
	8	1010.93	1010.93	1010.91	1010.90	1010.89	1010.92	1010.92	1010.92	1010.95	1010.98	1011.00	1011.00	1010.94
	9	1011.01	1011.05	1011.06	1011.06	1011.09	1011.15	1011.19	1011.17	1011.15	1011.14	1011.15	1011.16	1011.11
	10	1011.17	1011.21	1011.23	1011.21	1011.19	1011.20	1011.23	1011.25	1011.26	1011.29	1011.33	1011.32	1011.24
	11	1011.26	1011.22	1011.21	1011.20	1011.19	1011.21	1011.22	1011.19	1011.14	1011.13	1011.13	1011.11	1011.18
	12	1011.11	1011.13	1011.14	1011.16	1011.18	1011.18	1011.11	1011.05	1011.03	1010.98	1010.96	1010.95	1011.08
	13	1010.97	1011.00	1010.96	1010.92	1010.91	1010.85	1010.86	1010.85	1010.81	1010.82	1010.80	1010.77	1010.88
	14	1010.75	1010.74	1010.72	1010.72	1010.72	1010.67	1010.65	1010.65	1010.64	1010.58	1010.49	1010.35	1010.64
	15	1010.26	1010.23	1010.26	1010.32	1010.36	1010.37	1010.35	1010.39	1010.43	1010.42	1010.38	1010.37	1010.34
	16	1010.37	1010.36	1010.38	1010.38	1010.38	1010.36	1010.34	1010.34	1010.32	1010.31	1010.36	1010.43	1010.36
	17	1010.45	1010.46	1010.55	1010.63	1010.63	1010.63	1010.67	1010.69	1010.69	1010.72	1010.73	1010.75	1010.63
	18	1010.79	1010.82	1010.82	1010.84	1010.89	1010.96	1011.03	1011.09	1011.16	1011.20	1011.17	1011.14	1010.99
	19	1011.19	1011.22	1011.20	1011.26	1011.30	1011.27	1011.29	1011.28	1011.31	1011.33	1011.31	1011.31	1011.27
	20	1011.32	1011.32	1011.36	1011.38	1011.35	1011.34	1011.35	1011.36	1011.38	1011.41	1011.46	1011.53	1011.38
	21	1011.58	1011.58	1011.57	1011.56	1011.50	1011.44	1011.44	1011.45	1011.47	1011.53	1011.58	1011.54	1011.52
	22	1011.50	1011.52	1011.56	1011.58	1011.55	1011.48	1011.45	1011.50	1011.54	1011.56	1011.58	1011.57	1011.53
	23	1011.59	1011.59	1011.55	1011.49	1011.44	1011.39	1011.35	1011.37	1011.40	1011.33	1011.25	1011.21	1011.41

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
19	0	1016.04	1016.04	1016.02	1015.97	1015.92	1015.89	1015.85	1015.87	1015.90	1015.91	1015.93	1015.91	1015.93
	1	1015.92	1015.94	1015.92	1015.86	1015.82	1015.81	1015.79	1015.77	1015.82	1015.86	1015.83	1015.80	1015.84
	2	1015.79	1015.77	1015.77	1015.75	1015.71	1015.67	1015.65	1015.69	1015.72	1015.71	1015.73	1015.74	1015.72
	3	1015.73	1015.68	1015.62	1015.58	1015.61	1015.61	1015.57	1015.59	1015.64	1015.64	1015.57	1015.55	1015.61
	4	1015.57	1015.60	1015.65	1015.70	1015.74	1015.74	1015.74	1015.76	1015.75	1015.78	1015.80	1015.75	1015.71
	5	1015.77	1015.83	1015.91	1015.96	1015.98	1016.01	1016.03	1016.05	1016.10	1016.11	1016.06	1016.06	1015.99
	6	1016.12	1016.14	1016.15	1016.15	1016.18	1016.24	1016.32	1016.34	1016.31	1016.31	1016.32	1016.31	1016.24
	7	1016.34	1016.40	1016.42	1016.44	1016.46	1016.49	1016.52	1016.50	1016.48	1016.52	1016.57	1016.55	1016.47
	8	1016.50	1016.49	1016.51	1016.56	1016.59	1016.56	1016.49	1016.44	1016.43	1016.40	1016.34	1016.30	1016.46
	9	1016.25	1016.20	1016.16	1016.12	1016.08	1016.05	1016.00	1015.92	1015.88	1015.86	1015.87	1015.84	1016.02
	10	1015.80	1015.78	1015.76	1015.74	1015.72	1015.69	1015.65	1015.59	1015.54	1015.46	1015.38	1015.34	1015.62
	11	1015.31	1015.27	1015.21	1015.15	1015.12	1015.09	1015.04	1014.99	1014.93	1014.87	1014.81	1014.71	1015.04
	12	1014.63	1014.62	1014.63	1014.65	1014.64	1014.67	1014.71	1014.70	1014.69	1014.66	1014.64	1014.63	1014.65
	13	1014.61	1014.53	1014.44	1014.36	1014.28	1014.22	1014.13	1014.04	1013.95	1013.87	1013.83	1013.85	1014.17
	14	1013.87	1013.89	1013.90	1013.91	1013.96	1014.04	1014.10	1014.15	1014.19	1014.23	1014.32	1014.44	1014.08
	15	1014.45	1014.42	1014.45	1014.48	1014.43	1014.37	1014.32	1014.26	1014.25	1014.30	1014.32	1014.31	1014.36
	16	1014.32	1014.32	1014.29	1014.28	1014.34	1014.44	1014.52	1014.55	1014.55	1014.59	1014.69	1014.72	1014.47
	17	1014.72	1014.75	1014.72	1014.68	1014.69	1014.73	1014.78	1014.78	1014.77	1014.77	1014.77	1014.82	1014.75
	18	1014.89	1014.96	1014.95	1014.92	1014.99	1015.03	1015.01	1015.01	1015.01	1015.01	1014.98	1014.94	1014.97
	19	1014.96	1015.06	1015.17	1015.29	1015.40	1015.38	1015.26	1015.20	1015.24	1015.26	1015.24	1015.23	1015.22
	20	1015.19	1015.10	1015.02	1015.01	1014.98	1014.84	1014.69	1014.64	1014.60	1014.54	1014.60	1014.91	1014.84
	21	1015.27	1015.43	1015.45	1015.43	1015.47	1015.54	1015.60	1015.75	1015.89	1015.95	1015.98	1016.03	1015.65
	22	1016.09	1016.07	1016.01	1016.03	1016.05	1016.04	1016.02	1015.95	1015.88	1015.81	1015.73	1015.65	1015.94
	23	1015.59	1015.55	1015.48	1015.41	1015.39	1015.34	1015.26	1015.26	1015.27	1015.23	1015.18	1015.13	1015.34
20	0	1015.01	1014.97	1014.93	1014.90	1014.83	1014.76	1014.72	1014.65	1014.59	1014.57	1014.55	1014.55	1014.74
	1	1014.56	1014.55	1014.52	1014.47	1014.43	1014.39	1014.34	1014.25	1014.14	1014.06	1013.99	1013.93	1014.30
	2	1013.91	1013.86	1013.75	1013.65	1013.59	1013.60	1013.66	1013.66	1013.62	1013.63	1013.67	1013.71	1013.69
	3	1013.73	1013.72	1013.73	1013.75	1013.73	1013.66	1013.57	1013.47	1013.39	1013.30	1013.22	1013.19	1013.54
	4	1013.20	1013.25	1013.35	1013.42	1013.42	1013.45	1013.51	1013.60	1013.67	1013.69	1013.68	1013.67	1013.49
	5	1013.70	1013.74	1013.78	1013.83	1013.86	1013.90	1013.93	1013.94	1013.91	1013.91	1013.93	1013.93	1013.86
	6	1013.92	1013.86	1013.77	1013.73	1013.74	1013.75	1013.73	1013.73	1013.81	1013.90	1013.95	1013.99	1013.82
	7	1014.03	1014.10	1014.18	1014.25	1014.31	1014.34	1014.37	1014.40	1014.36	1014.29	1014.23	1014.27	1014.26
	8	1014.35	1014.40	1014.45	1014.48	1014.48	1014.45	1014.39	1014.30	1014.28	1014.34	1014.39	1014.43	1014.39
	9	1014.46	1014.45	1014.49	1014.54	1014.54	1014.50	1014.46	1014.42	1014.36	1014.30	1014.26	1014.27	1014.42
	10	1014.30	1014.32	1014.37	1014.46	1014.54	1014.58	1014.56	1014.55	1014.56	1014.57	1014.58	1014.56	1014.49
	11	1014.53	1014.51	1014.48	1014.43	1014.39	1014.37	1014.36	1014.35	1014.36	1014.41	1014.45	1014.47	1014.42
	12	1014.47	1014.46	1014.43	1014.42	1014.41	1014.38	1014.33	1014.28	1014.25	1014.22	1014.21	1014.19	1014.34
	13	1014.13	1014.09	1014.05	1014.03	1014.03	1014.01	1014.00	1013.98	1013.96	1013.97	1013.97	1013.95	1014.01
	14	1013.95	1013.96	1013.93	1013.89	1013.87	1013.85	1013.81	1013.73	1013.67	1013.60	1013.52	1013.44	1013.77
	15	1013.38	1013.38	1013.40	1013.40	1013.35	1013.32	1013.36	1013.43	1013.46	1013.49	1013.51	1013.46	1013.41
	16	1013.37	1013.32	1013.33	1013.38	1013.42	1013.46	1013.50	1013.52	1013.54	1013.57	1013.59	1013.61	1013.47
	17	1013.62	1013.64	1013.67	1013.68	1013.65	1013.62	1013.62	1013.61	1013.63	1013.66	1013.67	1013.68	1013.64
	18	1013.70	1013.74	1013.80	1013.85	1013.91	1013.98	1014.06	1014.13	1014.18	1014.23	1014.29	1014.34	1014.02
	19	1014.40	1014.45	1014.48	1014.51	1014.54	1014.57	1014.58	1014.60	1014.66	1014.70	1014.73	1014.74	1014.58
	20	1014.73	1014.75	1014.75	1014.72	1014.70	1014.69	1014.63	1014.58	1014.57	1014.55	1014.52	1014.52	1014.64
	21	1014.55	1014.58	1014.58	1014.57	1014.59	1014.63	1014.64	1014.62	1014.59	1014.54	1014.52	1014.47	1014.57
	22	1014.45	1014.44	1014.40	1014.39	1014.41	1014.41	1014.41	1014.42	1014.42	1014.41	1014.38	1014.36	1014.41
	23	1014.38	1014.38	1014.39	1014.40	1014.36	1014.32	1014.32	1014.36	1014.38	1014.34	1014.29	1014.27	1014.35

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
21	0	1014.27	1014.28	1014.28	1014.29	1014.33	1014.37	1014.40	1014.43	1014.43	1014.38	1014.33	1014.30	1014.34
	1	1014.26	1014.24	1014.21	1014.11	1013.96	1013.89	1013.94	1013.98	1013.96	1013.87	1013.78	1013.73	1013.99
	2	1013.71	1013.73	1013.76	1013.75	1013.76	1013.77	1013.78	1013.81	1013.84	1013.84	1013.83	1013.82	1013.78
	3	1013.83	1013.81	1013.78	1013.76	1013.75	1013.73	1013.71	1013.71	1013.72	1013.73	1013.73	1013.73	1013.75
	4	1013.75	1013.75	1013.73	1013.73	1013.76	1013.80	1013.87	1013.93	1013.97	1014.00	1014.00	1014.02	1013.86
	5	1014.05	1014.06	1014.07	1014.10	1014.15	1014.17	1014.13	1014.12	1014.18	1014.28	1014.33	1014.33	1014.16
	6	1014.36	1014.38	1014.41	1014.44	1014.47	1014.50	1014.52	1014.54	1014.53	1014.55	1014.59	1014.67	1014.50
	7	1014.72	1014.70	1014.65	1014.62	1014.61	1014.60	1014.60	1014.59	1014.60	1014.61	1014.63	1014.67	1014.63
	8	1014.70	1014.70	1014.73	1014.76	1014.78	1014.82	1014.88	1014.91	1014.94	1014.99	1015.05	1015.11	1014.86
	9	1015.10	1015.08	1015.09	1015.08	1015.07	1015.05	1015.04	1015.03	1014.99	1014.98	1014.99	1014.93	1015.03
	10	1014.89	1014.95	1015.00	1015.00	1015.00	1015.00	1015.02	1015.06	1015.09	1015.08	1015.09	1015.15	1015.03
	11	1015.19	1015.21	1015.13	1015.06	1015.02	1014.99	1014.98	1015.00	1014.99	1014.97	1015.00	1015.02	1015.05
	12	1014.98	1014.98	1015.00	1014.98	1014.95	1014.93	1014.88	1014.84	1014.83	1014.80	1014.70	1014.61	1014.87
	13	1014.53	1014.44	1014.40	1014.46	1014.58	1014.67	1014.71	1014.69	1014.69	1014.71	1014.68	1014.62	1014.60
	14	1014.59	1014.61	1014.64	1014.62	1014.59	1014.55	1014.52	1014.51	1014.52	1014.50	1014.47	1014.48	1014.55
	15	1014.48	1014.51	1014.57	1014.57	1014.47	1014.33	1014.24	1014.17	1014.11	1014.09	1014.07	1014.05	1014.30
	16	1014.07	1014.11	1014.11	1014.08	1014.10	1014.11	1014.10	1014.12	1014.14	1014.21	1014.29	1014.34	1014.15
	17	1014.40	1014.51	1014.62	1014.67	1014.76	1014.91	1015.03	1015.11	1015.15	1015.20	1015.28	1015.35	1014.91
	18	1015.41	1015.51	1015.65	1015.70	1015.67	1015.65	1015.62	1015.61	1015.67	1015.75	1015.82	1015.86	1015.66
	19	1015.90	1015.91	1015.89	1015.89	1015.92	1015.95	1016.02	1016.11	1016.17	1016.20	1016.21	1016.19	1016.03
	20	1016.18	1016.22	1016.27	1016.34	1016.38	1016.40	1016.42	1016.42	1016.43	1016.43	1016.39	1016.32	1016.35
	21	1016.31	1016.37	1016.39	1016.40	1016.47	1016.58	1016.63	1016.64	1016.65	1016.70	1016.79	1016.82	1016.56
	22	1016.85	1016.95	1017.03	1017.11	1017.14	1017.15	1017.18	1017.20	1017.21	1017.20	1017.18	1017.16	1017.11
	23	1017.15	1017.16	1017.17	1017.19	1017.26	1017.33	1017.36	1017.36	1017.40	1017.46	1017.50	1017.53	1017.32
22	0	1017.59	1017.60	1017.62	1017.63	1017.60	1017.55	1017.51	1017.48	1017.46	1017.46	1017.43	1017.41	1017.52
	1	1017.38	1017.34	1017.29	1017.24	1017.19	1017.20	1017.20	1017.20	1017.21	1017.18	1017.16	1017.18	1017.23
	2	1017.22	1017.27	1017.28	1017.33	1017.38	1017.40	1017.42	1017.41	1017.37	1017.35	1017.37	1017.41	1017.35
	3	1017.44	1017.43	1017.43	1017.45	1017.46	1017.50	1017.56	1017.58	1017.57	1017.61	1017.67	1017.69	1017.53
	4	1017.69	1017.65	1017.63	1017.68	1017.74	1017.75	1017.72	1017.70	1017.76	1017.80	1017.78	1017.78	1017.72
	5	1017.82	1017.87	1017.89	1017.90	1017.99	1018.12	1018.18	1018.22	1018.29	1018.29	1018.24	1018.24	1018.09
	6	1018.32	1018.38	1018.40	1018.45	1018.54	1018.57	1018.55	1018.53	1018.52	1018.53	1018.51	1018.54	1018.48
	7	1018.61	1018.67	1018.76	1018.84	1018.88	1018.87	1018.89	1018.92	1018.94	1019.02	1019.04	1019.06	1018.87
	8	1019.14	1019.19	1019.25	1019.32	1019.40	1019.45	1019.49	1019.52	1019.53	1019.55	1019.54	1019.51	1019.41
	9	1019.51	1019.50	1019.50	1019.52	1019.53	1019.54	1019.55	1019.56	1019.52	1019.49	1019.49	1019.48	1019.51
	10	1019.46	1019.43	1019.38	1019.36	1019.40	1019.41	1019.42	1019.44	1019.44	1019.45	1019.46	1019.49	1019.43
	11	1019.51	1019.49	1019.45	1019.44	1019.46	1019.44	1019.40	1019.40	1019.41	1019.42	1019.42	1019.42	1019.44
	12	1019.39	1019.37	1019.35	1019.33	1019.28	1019.21	1019.16	1019.12	1019.11	1019.15	1019.21	1019.29	1019.25
	13	1019.33	1019.37	1019.35	1019.29	1019.31	1019.37	1019.39	1019.39	1019.37	1019.37	1019.38	1019.38	1019.36
	14	1019.43	1019.43	1019.40	1019.44	1019.45	1019.42	1019.42	1019.44	1019.44	1019.41	1019.44	1019.50	1019.43
	15	1019.57	1019.62	1019.62	1019.68	1019.71	1019.60	1019.56	1019.68	1019.77	1019.85	1020.05	1020.21	1019.74
	16	1020.29	1020.33	1020.34	1020.43	1020.47	1020.42	1020.43	1020.54	1020.68	1020.82	1020.99	1021.08	1020.57
	17	1021.10	1021.10	1021.11	1021.16	1021.21	1021.22	1021.18	1021.15	1021.12	1021.10	1021.04	1020.95	1021.12
	18	1020.86	1020.77	1020.73	1020.78	1020.88	1021.01	1021.13	1021.24	1021.35	1021.47	1021.57	1021.65	1021.12
	19	1021.71	1021.74	1021.77	1021.85	1021.87	1021.85	1021.85	1021.85	1021.88	1021.89	1021.88	1021.89	1021.83
	20	1021.87	1021.87	1021.87	1021.91	1021.96	1021.93	1021.93	1021.92	1021.90	1021.89	1021.87	1021.84	1021.89
	21	1021.79	1021.75	1021.76	1021.77	1021.76	1021.78	1021.81	1021.82	1021.83	1021.84	1021.85	1021.83	1021.80
	22	1021.83	1021.85	1021.87	1021.88	1021.84	1021.79	1021.79	1021.82	1021.81	1021.81	1021.86	1021.88	1021.83
	23	1021.89	1021.90	1021.86	1021.83	1021.87	1021.91	1021.90	1021.89	1021.91	1021.90	1021.91	1021.94	1021.89

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
23	0	1021.93	1021.94	1021.93	1021.91	1021.88	1021.88	1021.89	1021.86	1021.81	1021.74	1021.65	1021.59	1021.83
	1	1021.56	1021.56	1021.59	1021.60	1021.57	1021.55	1021.55	1021.55	1021.53	1021.50	1021.47	1021.48	1021.54
	2	1021.48	1021.48	1021.50	1021.53	1021.56	1021.58	1021.56	1021.52	1021.50	1021.47	1021.47	1021.49	1021.51
	3	1021.51	1021.54	1021.53	1021.49	1021.45	1021.42	1021.40	1021.39	1021.38	1021.41	1021.45	1021.45	1021.45
	4	1021.45	1021.45	1021.45	1021.46	1021.51	1021.56	1021.58	1021.55	1021.54	1021.54	1021.56	1021.56	1021.52
	5	1021.49	1021.39	1021.33	1021.34	1021.37	1021.36	1021.32	1021.31	1021.30	1021.27	1021.27	1021.29	1021.34
	6	1021.31	1021.36	1021.42	1021.50	1021.56	1021.58	1021.58	1021.62	1021.71	1021.78	1021.80	1021.81	1021.58
	7	1021.83	1021.87	1021.93	1021.98	1022.03	1022.10	1022.13	1022.12	1022.15	1022.19	1022.21	1022.23	1022.06
	8	1022.24	1022.23	1022.24	1022.25	1022.30	1022.32	1022.30	1022.27	1022.21	1022.13	1022.04	1021.99	1022.21
	9	1021.98	1021.97	1021.90	1021.82	1021.74	1021.63	1021.58	1021.55	1021.49	1021.44	1021.41	1021.37	1021.65
	10	1021.29	1021.20	1021.18	1021.22	1021.26	1021.22	1021.15	1021.13	1021.16	1021.23	1021.22	1021.18	1021.20
	11	1021.19	1021.16	1021.09	1020.99	1020.89	1020.81	1020.67	1020.53	1020.48	1020.52	1020.51	1020.46	1020.77
	12	1020.41	1020.36	1020.28	1020.25	1020.21	1020.14	1020.09	1020.09	1020.09	1020.00	1019.89	1019.82	1020.13
	13	1019.72	1019.64	1019.63	1019.59	1019.53	1019.46	1019.40	1019.33	1019.23	1019.21	1019.22	1019.19	1019.43
	14	1019.19	1019.21	1019.23	1019.23	1019.23	1019.23	1019.25	1019.28	1019.29	1019.29	1019.25	1019.20	1019.24
	15	1019.18	1019.16	1019.13	1019.14	1019.15	1019.12	1019.13	1019.16	1019.15	1019.14	1019.17	1019.23	1019.15
	16	1019.22	1019.23	1019.29	1019.33	1019.32	1019.25	1019.23	1019.21	1019.16	1019.17	1019.18	1019.17	1019.23
	17	1019.14	1019.12	1019.13	1019.13	1019.11	1019.09	1019.08	1019.06	1019.02	1018.97	1018.91	1018.84	1019.05
	18	1018.82	1018.82	1018.81	1018.85	1018.95	1019.05	1019.05	1018.99	1018.96	1018.97	1018.99	1019.02	1018.94
	19	1019.08	1019.17	1019.27	1019.35	1019.40	1019.39	1019.33	1019.30	1019.29	1019.22	1019.13	1019.08	1019.25
	20	1019.08	1019.10	1019.10	1019.11	1019.17	1019.16	1019.07	1019.02	1019.00	1018.96	1018.93	1018.91	1019.05
	21	1018.89	1018.80	1018.66	1018.59	1018.58	1018.60	1018.58	1018.51	1018.41	1018.35	1018.33	1018.29	1018.55
	22	1018.27	1018.25	1018.20	1018.17	1018.14	1018.12	1018.11	1018.06	1017.98	1017.93	1017.93	1017.97	1018.09
23	1017.98	1017.92	1017.81	1017.71	1017.69	1017.67	1017.62	1017.53	1017.45	1017.42	1017.40	1017.38	1017.63	
24	0	1017.33	1017.30	1017.19	1017.10	1017.06	1016.98	1016.90	1016.81	1016.70	1016.67	1016.69	1016.69	1016.93
	1	1016.59	1016.42	1016.31	1016.25	1016.20	1016.13	1016.05	1016.00	1016.01	1015.97	1015.84	1015.78	1016.13
	2	1015.78	1015.76	1015.73	1015.71	1015.70	1015.72	1015.73	1015.67	1015.62	1015.62	1015.65	1015.67	1015.69
	3	1015.67	1015.70	1015.70	1015.65	1015.57	1015.53	1015.52	1015.52	1015.56	1015.59	1015.58	1015.57	1015.60
	4	1015.54	1015.50	1015.47	1015.44	1015.41	1015.41	1015.42	1015.43	1015.41	1015.37	1015.33	1015.27	1015.41
	5	1015.25	1015.27	1015.27	1015.27	1015.30	1015.34	1015.36	1015.33	1015.36	1015.44	1015.45	1015.45	1015.34
	6	1015.44	1015.42	1015.43	1015.44	1015.41	1015.38	1015.39	1015.43	1015.46	1015.48	1015.55	1015.59	1015.45
	7	1015.61	1015.62	1015.59	1015.61	1015.69	1015.72	1015.75	1015.75	1015.76	1015.81	1015.86	1015.90	1015.72
	8	1015.94	1015.91	1015.87	1015.89	1015.94	1015.98	1016.02	1016.06	1016.10	1016.12	1016.13	1016.12	1016.00
	9	1016.09	1016.04	1015.99	1015.95	1015.93	1015.90	1015.90	1015.88	1015.84	1015.82	1015.78	1015.75	1015.90
	10	1015.74	1015.71	1015.68	1015.64	1015.59	1015.54	1015.49	1015.45	1015.40	1015.37	1015.34	1015.27	1015.52
	11	1015.17	1015.12	1015.05	1014.95	1014.89	1014.82	1014.72	1014.65	1014.60	1014.58	1014.54	1014.46	1014.79
	12	1014.41	1014.35	1014.30	1014.24	1014.18	1014.15	1014.10	1014.03	1013.99	1013.96	1013.92	1013.88	1014.12
	13	1013.83	1013.79	1013.76	1013.71	1013.64	1013.59	1013.55	1013.54	1013.52	1013.49	1013.47	1013.43	1013.61
	14	1013.40	1013.36	1013.29	1013.25	1013.24	1013.24	1013.22	1013.14	1013.06	1013.00	1013.00	1012.99	1013.18
	15	1012.93	1012.89	1012.86	1012.85	1012.88	1012.87	1012.85	1012.85	1012.84	1012.81	1012.79	1012.79	1012.85
	16	1012.79	1012.81	1012.83	1012.84	1012.84	1012.86	1012.91	1012.93	1012.97	1013.03	1013.05	1013.02	1012.90
	17	1013.01	1013.06	1013.11	1013.13	1013.15	1013.20	1013.24	1013.27	1013.30	1013.36	1013.43	1013.47	1013.23
	18	1013.49	1013.52	1013.58	1013.62	1013.63	1013.68	1013.76	1013.85	1013.97	1014.06	1014.11	1014.15	1013.78
	19	1014.21	1014.26	1014.29	1014.31	1014.29	1014.26	1014.25	1014.25	1014.21	1014.14	1014.10	1014.07	1014.22
	20	1014.03	1014.00	1014.00	1014.01	1014.03	1014.06	1014.08	1014.08	1014.08	1014.12	1014.15	1014.15	1014.06
	21	1014.13	1014.08	1014.04	1014.02	1013.97	1013.89	1013.83	1013.77	1013.75	1013.73	1013.65	1013.55	1013.86
	22	1013.54	1013.57	1013.55	1013.53	1013.50	1013.48	1013.48	1013.44	1013.36	1013.33	1013.29	1013.22	1013.44
23	1013.14	1013.07	1013.00	1012.98	1013.03	1013.05	1013.01	1012.91	1012.84	1012.77	1012.71	1012.72	1012.93	

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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
25	0	1012.69	1012.71	1012.72	1012.67	1012.60	1012.55	1012.52	1012.51	1012.51	1012.48	1012.41	1012.37	1012.55
	1	1012.36	1012.35	1012.33	1012.30	1012.28	1012.19	1012.11	1012.09	1012.10	1012.13	1012.16	1012.15	1012.21
	2	1012.08	1012.03	1012.02	1011.99	1011.93	1011.86	1011.83	1011.85	1011.81	1011.77	1011.75	1011.73	1011.89
	3	1011.76	1011.77	1011.73	1011.65	1011.60	1011.55	1011.51	1011.51	1011.50	1011.50	1011.50	1011.48	1011.59
	4	1011.48	1011.49	1011.46	1011.43	1011.39	1011.38	1011.38	1011.34	1011.35	1011.41	1011.41	1011.42	1011.41
	5	1011.47	1011.49	1011.53	1011.55	1011.57	1011.60	1011.63	1011.63	1011.59	1011.58	1011.60	1011.63	1011.57
	6	1011.65	1011.67	1011.69	1011.68	1011.68	1011.70	1011.74	1011.81	1011.90	1012.00	1012.09	1012.16	1011.81
	7	1012.21	1012.26	1012.29	1012.30	1012.31	1012.33	1012.38	1012.40	1012.38	1012.36	1012.37	1012.38	1012.33
	8	1012.40	1012.41	1012.45	1012.49	1012.49	1012.47	1012.46	1012.44	1012.43	1012.45	1012.45	1012.45	1012.45
	9	1012.46	1012.47	1012.47	1012.48	1012.50	1012.50	1012.50	1012.47	1012.46	1012.46	1012.43	1012.40	1012.47
	10	1012.38	1012.36	1012.30	1012.27	1012.25	1012.22	1012.23	1012.20	1012.16	1012.12	1012.09	1012.05	1012.22
	11	1012.01	1011.99	1012.00	1011.99	1011.95	1011.90	1011.84	1011.79	1011.74	1011.68	1011.64	1011.62	1011.84
	12	1011.57	1011.52	1011.51	1011.50	1011.44	1011.38	1011.33	1011.27	1011.24	1011.24	1011.22	1011.17	1011.36
	13	1011.10	1011.03	1010.98	1010.95	1010.92	1010.88	1010.83	1010.79	1010.74	1010.70	1010.71	1010.70	1010.86
	14	1010.68	1010.68	1010.66	1010.66	1010.69	1010.73	1010.74	1010.77	1010.79	1010.77	1010.79	1010.86	1010.73
	15	1010.93	1010.97	1010.97	1010.94	1010.96	1010.99	1010.98	1010.98	1011.00	1011.06	1011.14	1011.25	1011.01
	16	1011.34	1011.36	1011.40	1011.45	1011.46	1011.46	1011.51	1011.59	1011.65	1011.72	1011.79	1011.83	1011.55
	17	1011.87	1011.91	1011.96	1012.00	1012.02	1012.06	1012.13	1012.16	1012.19	1012.27	1012.35	1012.40	1012.11
	18	1012.45	1012.52	1012.56	1012.59	1012.68	1012.77	1012.82	1012.85	1012.88	1012.91	1012.91	1012.90	1012.73
	19	1012.93	1012.96	1012.99	1013.05	1013.13	1013.20	1013.28	1013.37	1013.44	1013.51	1013.56	1013.60	1013.25
	20	1013.63	1013.66	1013.69	1013.71	1013.74	1013.78	1013.84	1013.90	1013.94	1013.96	1013.98	1014.01	1013.82
	21	1014.05	1014.12	1014.24	1014.34	1014.41	1014.48	1014.50	1014.49	1014.50	1014.52	1014.54	1014.55	1014.39
	22	1014.57	1014.60	1014.61	1014.63	1014.67	1014.68	1014.66	1014.65	1014.65	1014.64	1014.64	1014.66	1014.64
	23	1014.66	1014.64	1014.63	1014.64	1014.67	1014.69	1014.70	1014.70	1014.69	1014.66	1014.65	1014.64	1014.66
26	0	1014.67	1014.66	1014.65	1014.63	1014.64	1014.62	1014.56	1014.52	1014.49	1014.50	1014.45	1014.43	1014.56
	1	1014.42	1014.38	1014.37	1014.36	1014.36	1014.35	1014.37	1014.41	1014.41	1014.39	1014.40	1014.38	1014.38
	2	1014.35	1014.34	1014.34	1014.35	1014.32	1014.30	1014.32	1014.35	1014.39	1014.40	1014.39	1014.40	1014.35
	3	1014.40	1014.39	1014.41	1014.41	1014.38	1014.40	1014.42	1014.40	1014.36	1014.35	1014.37	1014.35	1014.38
	4	1014.33	1014.35	1014.37	1014.37	1014.36	1014.37	1014.37	1014.37	1014.39	1014.43	1014.48	1014.52	1014.39
	5	1014.54	1014.54	1014.56	1014.58	1014.61	1014.62	1014.63	1014.69	1014.77	1014.82	1014.85	1014.91	1014.67
	6	1014.94	1014.95	1015.01	1015.05	1015.09	1015.14	1015.16	1015.15	1015.16	1015.21	1015.22	1015.24	1015.11
	7	1015.31	1015.35	1015.36	1015.39	1015.41	1015.44	1015.51	1015.55	1015.54	1015.54	1015.53	1015.50	1015.45
	8	1015.51	1015.55	1015.57	1015.57	1015.59	1015.61	1015.63	1015.66	1015.67	1015.66	1015.65	1015.63	1015.61
	9	1015.61	1015.60	1015.62	1015.63	1015.62	1015.63	1015.63	1015.62	1015.60	1015.58	1015.57	1015.55	1015.60
	10	1015.52	1015.50	1015.50	1015.51	1015.52	1015.51	1015.49	1015.49	1015.48	1015.45	1015.42	1015.39	1015.48
	11	1015.36	1015.35	1015.36	1015.35	1015.30	1015.24	1015.20	1015.19	1015.17	1015.15	1015.15	1015.11	1015.24
	12	1015.05	1014.99	1014.94	1014.91	1014.87	1014.83	1014.82	1014.79	1014.75	1014.75	1014.75	1014.71	1014.84
	13	1014.68	1014.65	1014.64	1014.62	1014.61	1014.59	1014.57	1014.58	1014.61	1014.64	1014.66	1014.68	1014.62
	14	1014.72	1014.76	1014.82	1014.87	1014.87	1014.84	1014.85	1014.88	1014.92	1014.95	1014.98	1015.00	1014.87
	15	1014.99	1014.98	1014.99	1015.02	1015.05	1015.08	1015.12	1015.15	1015.15	1015.14	1015.13	1015.15	1015.08
	16	1015.18	1015.19	1015.23	1015.28	1015.33	1015.39	1015.45	1015.48	1015.52	1015.55	1015.57	1015.58	1015.39
	17	1015.62	1015.68	1015.72	1015.75	1015.77	1015.79	1015.83	1015.86	1015.87	1015.90	1015.94	1016.01	1015.81
	18	1016.10	1016.19	1016.24	1016.27	1016.31	1016.37	1016.40	1016.43	1016.46	1016.50	1016.55	1016.60	1016.37
	19	1016.65	1016.68	1016.74	1016.79	1016.82	1016.89	1016.98	1017.03	1017.09	1017.21	1017.30	1017.35	1016.96
	20	1017.38	1017.41	1017.42	1017.40	1017.41	1017.47	1017.52	1017.58	1017.65	1017.70	1017.73	1017.78	1017.54
	21	1017.81	1017.82	1017.83	1017.85	1017.87	1017.88	1017.89	1017.93	1017.96	1017.96	1017.96	1017.98	1017.89
	22	1018.04	1018.09	1018.11	1018.13	1018.15	1018.16	1018.16	1018.16	1018.16	1018.16	1018.17	1018.19	1018.14
	23	1018.21	1018.23	1018.24	1018.24	1018.27	1018.29	1018.29	1018.28	1018.29	1018.30	1018.32	1018.35	1018.27

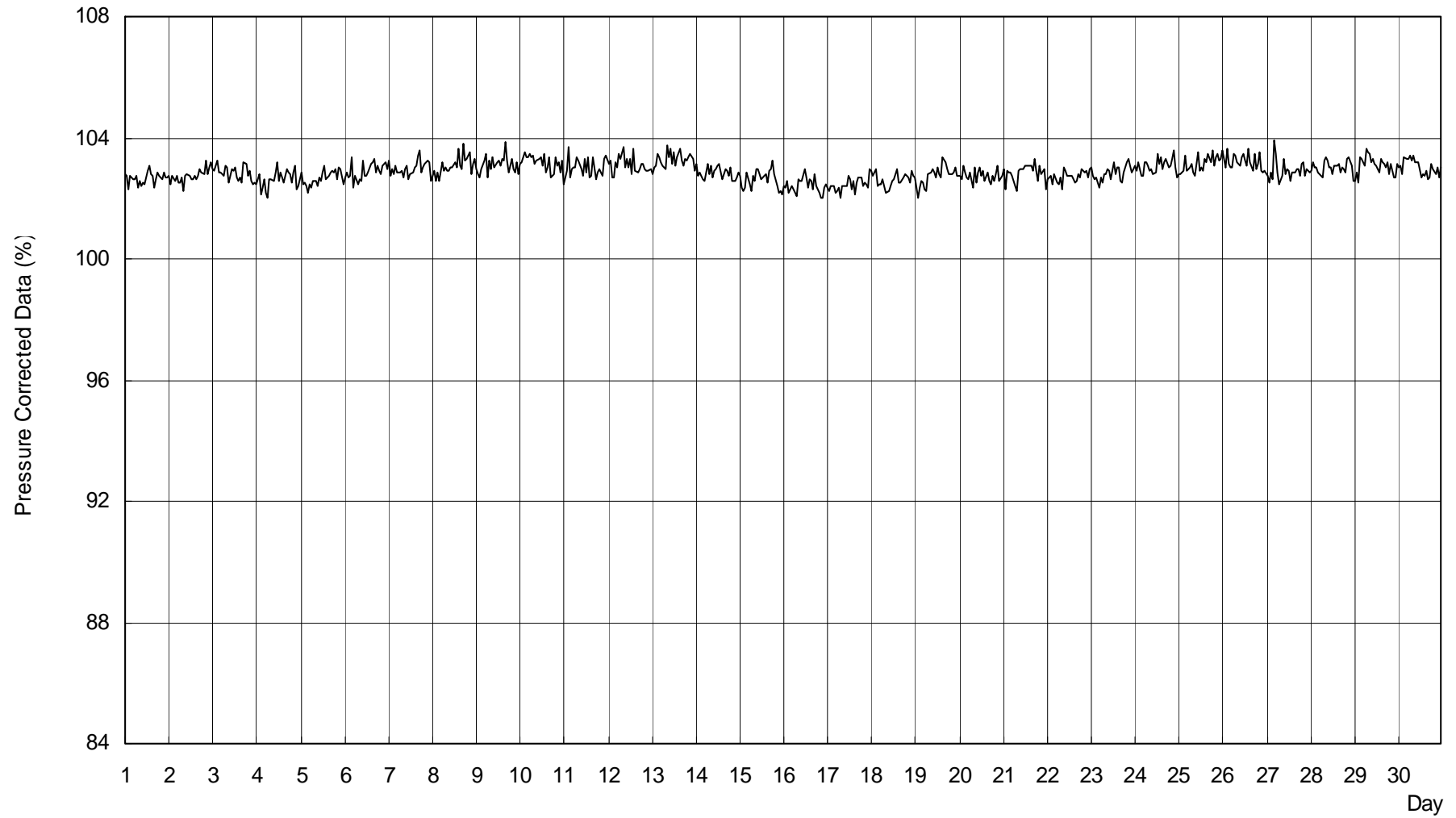
S.V.I.R.CO. Observatory - Pressure in hectoPascal – September 2009

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
27	0	1018.35	1018.37	1018.39	1018.38	1018.35	1018.35	1018.35	1018.32	1018.30	1018.26	1018.21	1018.15	1018.31
	1	1018.13	1018.16	1018.18	1018.17	1018.17	1018.18	1018.16	1018.16	1018.15	1018.15	1018.15	1018.14	1018.16
	2	1018.15	1018.17	1018.17	1018.18	1018.19	1018.21	1018.19	1018.14	1018.12	1018.08	1018.04	1018.02	1018.13
	3	1018.02	1018.02	1018.02	1018.00	1017.98	1017.98	1017.99	1017.98	1017.97	1017.99	1018.02	1018.04	1018.00
	4	1018.06	1018.08	1018.09	1018.07	1018.05	1018.06	1018.04	1018.01	1018.02	1018.05	1018.09	1018.13	1018.06
	5	1018.17	1018.21	1018.24	1018.26	1018.27	1018.28	1018.31	1018.34	1018.35	1018.36	1018.37	1018.42	1018.30
	6	1018.49	1018.54	1018.55	1018.58	1018.65	1018.69	1018.69	1018.68	1018.70	1018.72	1018.73	1018.76	1018.65
	7	1018.77	1018.79	1018.83	1018.85	1018.88	1018.91	1018.94	1018.98	1019.01	1019.02	1019.05	1019.07	1018.92
	8	1019.08	1019.09	1019.11	1019.13	1019.11	1019.09	1019.09	1019.09	1019.09	1019.08	1019.06	1019.04	1019.09
	9	1019.03	1019.00	1018.96	1018.92	1018.87	1018.84	1018.83	1018.83	1018.83	1018.83	1018.83	1018.82	1018.88
	10	1018.81	1018.82	1018.81	1018.79	1018.80	1018.79	1018.77	1018.73	1018.65	1018.57	1018.53	1018.50	1018.71
	11	1018.47	1018.45	1018.43	1018.42	1018.40	1018.36	1018.31	1018.24	1018.18	1018.14	1018.10	1018.09	1018.30
	12	1018.08	1018.05	1017.99	1017.96	1017.96	1017.93	1017.89	1017.88	1017.87	1017.85	1017.85	1017.86	1017.93
	13	1017.87	1017.86	1017.85	1017.83	1017.81	1017.79	1017.74	1017.70	1017.71	1017.70	1017.67	1017.63	1017.76
	14	1017.61	1017.61	1017.60	1017.60	1017.61	1017.62	1017.63	1017.63	1017.61	1017.59	1017.57	1017.55	1017.60
	15	1017.53	1017.54	1017.57	1017.59	1017.61	1017.65	1017.71	1017.76	1017.80	1017.82	1017.86	1017.90	1017.69
	16	1017.94	1017.97	1018.01	1018.04	1018.06	1018.09	1018.13	1018.17	1018.22	1018.26	1018.27	1018.28	1018.12
	17	1018.30	1018.34	1018.40	1018.43	1018.47	1018.52	1018.57	1018.61	1018.65	1018.70	1018.74	1018.78	1018.54
	18	1018.81	1018.85	1018.91	1018.97	1019.00	1019.03	1019.07	1019.11	1019.15	1019.20	1019.23	1019.25	1019.05
	19	1019.25	1019.27	1019.30	1019.31	1019.31	1019.30	1019.31	1019.35	1019.40	1019.42	1019.42	1019.43	1019.34
	20	1019.44	1019.46	1019.48	1019.50	1019.52	1019.53	1019.54	1019.54	1019.54	1019.57	1019.60	1019.61	1019.52
	21	1019.62	1019.62	1019.59	1019.55	1019.51	1019.50	1019.50	1019.51	1019.52	1019.52	1019.53	1019.54	1019.54
	22	1019.53	1019.52	1019.50	1019.47	1019.44	1019.43	1019.40	1019.36	1019.33	1019.32	1019.34	1019.33	1019.41
	23	1019.27	1019.21	1019.17	1019.16	1019.20	1019.24	1019.23	1019.20	1019.18	1019.17	1019.16	1019.14	1019.19
28	0	1019.14	1019.13	1019.10	1019.09	1019.08	1019.05	1019.04	1019.03	1019.02	1019.02	1019.03	1019.01	1019.06
	1	1018.97	1018.95	1018.95	1018.94	1018.94	1018.94	1018.96	1018.95	1018.92	1018.90	1018.88	1018.86	1018.93
	2	1018.86	1018.86	1018.86	1018.86	1018.84	1018.84	1018.84	1018.83	1018.81	1018.81	1018.82	1018.82	1018.83
	3	1018.82	1018.84	1018.86	1018.84	1018.84	1018.86	1018.85	1018.82	1018.81	1018.81	1018.81	1018.78	1018.83
	4	1018.77	1018.77	1018.76	1018.75	1018.75	1018.77	1018.80	1018.82	1018.84	1018.87	1018.88	1018.89	1018.80
	5	1018.91	1018.93	1018.98	1019.03	1019.06	1019.07	1019.07	1019.08	1019.11	1019.14	1019.18	1019.23	1019.06
	6	1019.25	1019.23	1019.22	1019.25	1019.32	1019.38	1019.41	1019.40	1019.40	1019.42	1019.43	1019.43	1019.34
	7	1019.44	1019.47	1019.50	1019.53	1019.54	1019.56	1019.60	1019.60	1019.62	1019.64	1019.64	1019.63	1019.56
	8	1019.66	1019.70	1019.73	1019.76	1019.77	1019.77	1019.80	1019.83	1019.82	1019.80	1019.79	1019.79	1019.77
	9	1019.78	1019.76	1019.75	1019.71	1019.67	1019.65	1019.63	1019.64	1019.65	1019.64	1019.62	1019.59	1019.67
	10	1019.57	1019.58	1019.60	1019.58	1019.54	1019.51	1019.48	1019.46	1019.43	1019.37	1019.30	1019.22	1019.47
	11	1019.16	1019.13	1019.08	1019.01	1018.94	1018.90	1018.86	1018.79	1018.72	1018.66	1018.61	1018.55	1018.87
	12	1018.46	1018.39	1018.36	1018.36	1018.34	1018.29	1018.25	1018.23	1018.20	1018.16	1018.16	1018.15	1018.28
	13	1018.12	1018.10	1018.11	1018.10	1018.10	1018.10	1018.10	1018.09	1018.07	1018.06	1018.04	1018.01	1018.08
	14	1017.98	1017.96	1017.91	1017.84	1017.76	1017.70	1017.64	1017.61	1017.58	1017.57	1017.61	1017.61	1017.73
	15	1017.64	1017.66	1017.65	1017.67	1017.70	1017.70	1017.73	1017.73	1017.73	1017.74	1017.69	1017.68	1017.69
	16	1017.68	1017.70	1017.72	1017.74	1017.81	1017.85	1017.85	1017.85	1017.83	1017.83	1017.84	1017.85	1017.79
	17	1017.84	1017.82	1017.83	1017.88	1017.88	1017.86	1017.89	1017.95	1017.96	1017.98	1018.05	1018.09	1017.92
	18	1018.09	1018.10	1018.15	1018.21	1018.24	1018.26	1018.29	1018.31	1018.33	1018.33	1018.35	1018.38	1018.25
	19	1018.40	1018.40	1018.40	1018.40	1018.42	1018.46	1018.50	1018.54	1018.56	1018.59	1018.61	1018.62	1018.49
	20	1018.57	1018.49	1018.48	1018.49	1018.48	1018.48	1018.47	1018.47	1018.49	1018.49	1018.49	1018.50	1018.49
	21	1018.48	1018.46	1018.43	1018.40	1018.38	1018.37	1018.37	1018.37	1018.34	1018.34	1018.35	1018.35	1018.38
	22	1018.36	1018.38	1018.38	1018.37	1018.35	1018.31	1018.29	1018.26	1018.23	1018.21	1018.17	1018.14	1018.28
	23	1018.14	1018.14	1018.13	1018.11	1018.12	1018.12	1018.08	1018.03	1017.98	1017.95	1017.93	1017.94	1018.05

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1017.96	1017.94	1017.91	1017.87	1017.82	1017.83	1017.82	1017.77	1017.75	1017.76	1017.76	1017.74	1017.82
	1	1017.70	1017.70	1017.71	1017.67	1017.63	1017.58	1017.53	1017.49	1017.46	1017.38	1017.33	1017.32	1017.54
	2	1017.28	1017.24	1017.19	1017.14	1017.08	1017.07	1017.09	1017.10	1017.14	1017.20	1017.24	1017.27	1017.17
	3	1017.28	1017.26	1017.23	1017.24	1017.28	1017.29	1017.28	1017.26	1017.27	1017.29	1017.27	1017.22	1017.26
	4	1017.20	1017.22	1017.26	1017.29	1017.27	1017.26	1017.28	1017.30	1017.30	1017.32	1017.36	1017.36	1017.28
	5	1017.36	1017.36	1017.35	1017.34	1017.34	1017.35	1017.39	1017.43	1017.46	1017.48	1017.50	1017.55	1017.41
	6	1017.57	1017.58	1017.60	1017.62	1017.63	1017.64	1017.65	1017.66	1017.69	1017.74	1017.81	1017.88	1017.67
	7	1017.93	1017.96	1017.98	1018.00	1018.00	1017.98	1017.99	1018.00	1018.00	1018.01	1018.00	1017.99	1017.98
	8	1017.99	1017.97	1017.95	1017.96	1017.99	1018.02	1018.03	1018.02	1018.04	1018.06	1018.04	1018.04	1018.01
	9	1018.05	1018.04	1018.05	1018.04	1018.01	1017.98	1017.96	1017.93	1017.88	1017.81	1017.73	1017.66	1017.92
	10	1017.59	1017.54	1017.48	1017.41	1017.35	1017.28	1017.25	1017.22	1017.19	1017.18	1017.14	1017.09	1017.31
	11	1017.04	1016.96	1016.86	1016.78	1016.70	1016.61	1016.51	1016.44	1016.41	1016.38	1016.33	1016.30	1016.61
	12	1016.26	1016.20	1016.13	1016.05	1015.98	1015.95	1015.93	1015.89	1015.82	1015.77	1015.77	1015.81	1015.96
	13	1015.84	1015.86	1015.89	1015.88	1015.84	1015.81	1015.75	1015.70	1015.69	1015.67	1015.65	1015.67	1015.77
	14	1015.67	1015.64	1015.65	1015.63	1015.57	1015.52	1015.49	1015.45	1015.38	1015.38	1015.39	1015.36	1015.51
	15	1015.35	1015.37	1015.40	1015.44	1015.44	1015.41	1015.38	1015.38	1015.38	1015.39	1015.43	1015.42	1015.40
	16	1015.40	1015.39	1015.39	1015.42	1015.45	1015.45	1015.44	1015.43	1015.42	1015.44	1015.47	1015.49	1015.43
	17	1015.51	1015.56	1015.61	1015.65	1015.69	1015.71	1015.69	1015.69	1015.72	1015.79	1015.87	1015.94	1015.70
	18	1016.02	1016.07	1016.08	1016.09	1016.14	1016.22	1016.28	1016.32	1016.37	1016.41	1016.42	1016.43	1016.24
	19	1016.45	1016.49	1016.51	1016.51	1016.51	1016.52	1016.51	1016.49	1016.50	1016.51	1016.52	1016.53	1016.50
	20	1016.56	1016.59	1016.60	1016.58	1016.57	1016.55	1016.52	1016.49	1016.49	1016.51	1016.54	1016.56	1016.54
	21	1016.57	1016.58	1016.58	1016.61	1016.64	1016.65	1016.63	1016.60	1016.56	1016.51	1016.52	1016.55	1016.58
	22	1016.56	1016.52	1016.49	1016.47	1016.43	1016.40	1016.40	1016.40	1016.39	1016.38	1016.40	1016.41	1016.43
	23	1016.42	1016.44	1016.47	1016.50	1016.47	1016.41	1016.39	1016.40	1016.40	1016.43	1016.47	1016.50	1016.44
30	0	1016.55	1016.56	1016.56	1016.57	1016.58	1016.58	1016.58	1016.55	1016.51	1016.49	1016.48	1016.46	1016.54
	1	1016.42	1016.40	1016.37	1016.36	1016.37	1016.39	1016.40	1016.37	1016.31	1016.29	1016.29	1016.26	1016.35
	2	1016.27	1016.31	1016.34	1016.36	1016.37	1016.35	1016.31	1016.29	1016.29	1016.31	1016.34	1016.38	1016.32
	3	1016.43	1016.50	1016.55	1016.58	1016.58	1016.54	1016.50	1016.49	1016.49	1016.49	1016.44	1016.42	1016.50
	4	1016.42	1016.41	1016.44	1016.50	1016.52	1016.51	1016.46	1016.40	1016.38	1016.41	1016.42	1016.41	1016.44
	5	1016.41	1016.42	1016.42	1016.42	1016.43	1016.42	1016.44	1016.50	1016.53	1016.56	1016.57	1016.58	1016.47
	6	1016.59	1016.63	1016.65	1016.64	1016.60	1016.61	1016.67	1016.70	1016.71	1016.77	1016.82	1016.85	1016.68
	7	1016.87	1016.91	1016.95	1016.97	1017.00	1017.03	1017.03	1017.05	1017.07	1017.06	1017.06	1017.12	1017.01
	8	1017.19	1017.21	1017.23	1017.24	1017.26	1017.29	1017.30	1017.28	1017.24	1017.21	1017.25	1017.26	1017.25
	9	1017.25	1017.25	1017.24	1017.21	1017.17	1017.10	1017.02	1016.97	1016.94	1016.91	1016.86	1016.84	1017.06
	10	1016.81	1016.77	1016.72	1016.70	1016.71	1016.69	1016.67	1016.66	1016.62	1016.56	1016.49	1016.45	1016.65
	11	1016.44	1016.45	1016.45	1016.41	1016.35	1016.29	1016.25	1016.15	1016.05	1015.99	1015.93	1015.84	1016.21
	12	1015.78	1015.68	1015.56	1015.49	1015.43	1015.35	1015.30	1015.29	1015.27	1015.24	1015.20	1015.15	1015.39
	13	1015.09	1015.09	1015.09	1015.04	1015.07	1015.09	1015.09	1015.11	1015.12	1015.09	1015.05	1015.05	1015.08
	14	1015.06	1015.06	1015.06	1015.05	1015.05	1015.04	1015.01	1015.01	1015.01	1015.01	1014.99	1015.04	1015.03
	15	1015.10	1015.10	1015.08	1015.08	1015.06	1015.04	1015.06	1015.08	1015.12	1015.15	1015.16	1015.14	1015.10
	16	1015.15	1015.19	1015.23	1015.24	1015.22	1015.24	1015.27	1015.28	1015.29	1015.33	1015.38	1015.43	1015.27
	17	1015.47	1015.47	1015.46	1015.48	1015.51	1015.55	1015.59	1015.64	1015.69	1015.73	1015.75	1015.75	1015.59
	18	1015.75	1015.78	1015.83	1015.88	1015.90	1015.94	1015.96	1015.99	1016.03	1016.06	1016.08	1016.06	1015.94
	19	1016.06	1016.11	1016.16	1016.18	1016.18	1016.19	1016.22	1016.24	1016.26	1016.29	1016.30	1016.32	1016.21
	20	1016.33	1016.35	1016.38	1016.36	1016.36	1016.37	1016.36	1016.37	1016.43	1016.48	1016.47	1016.41	1016.39
	21	1016.35	1016.33	1016.32	1016.32	1016.33	1016.30	1016.27	1016.24	1016.21	1016.23	1016.24	1016.20	1016.28
	22	1016.17	1016.18	1016.18	1016.13	1016.06	1016.01	1015.99	1015.96	1015.90	1015.85	1015.80	1015.75	1016.00
	23	1015.72	1015.69	1015.68	1015.70	1015.73	1015.78	1015.79	1015.75	1015.75	1015.78	1015.79	1015.75	1015.74

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