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SVIRCO Prompt Report: January 2012

Fabrizio Signoretti and Francesco Re

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ISTITUTO DI ASTROFISICA E PLANETOLOGIA SPAZIALI

AREA DI RICERCA ROMA - TOR VERGATA

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

SVIRCO Prompt Report: January 2012

Fabrizio Signoretti and Francesco Re

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in January 2012 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/IAPS-UNIRomaTre collaboration) is housed in a reserved building provided with a double air-conditioning system. The inner temperature is permanently restrained in a range of 23°-26° C, meanwhile the relative humidity is kept below 57%. Either the environmental parameters are continuously checked and recorded by digital sensors.

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

Each of the 20 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, IAPS/INAF-UNIRomaTre collaboration, under the following conditions:

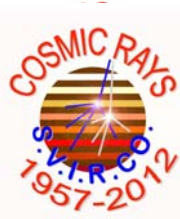
-You agree to acknowledge our financial supports in any published use of the data.

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

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

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

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S.V.I.R.CO. Observatory

Rome

Italy



INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - January 2012											20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
9		45905	45678	45811	46079	46069	45639	45579	45792	45957	47080	45848		99.935
10	45717	46223	45492	45570	46302	45884	45331	45820	45981	45637	46238	45054		99.532
11	46271	45494	45607	46145	45978	45856	45581	44958	45964	46114	45754	45913		99.602
12	45718	46091	45637	45940	46112	45479	45957	46131	46015	45701	45949	45752		99.755
13	46036	45759	45982	45917	45848	45307	45634	45558	46004	45935	45947	45590		99.580
14	45840	45776	45669	45584	45886	45893	45668	46486	46027	46187	45968	45802		99.810
15	45722	46320	45595	45123	46200	45670	46318	45919	46273	46190	45486	46196		99.851
16	45824	46065	46052	45744	45975	46571	45954	45244	46198	45208	46587	45456		99.827
17	45943	45549	45877	46092	45680	45118	45552	45935	46023	45641	45636	45782		99.455
18	45938	45586	45523	45857	46363	45828	45624	45564	46740	45729	45418	45633		99.632
19	45965	45849	46084	46136	45193	45910	45535	45722	45316	46191	45331	45193		99.383
20	46047	45883	45678	45053	45244	45833	45625	45998	46114	45631	45775	46065		99.478
21	45223	45615	46098	46012	45872	45921	45982	45829	45344	45548	45683	45185		99.362
22	45338	45897	45788	45411	45552	45975	45546	45904	45602	46067	46372	46429		99.648
23	45217	45747	45452	45888	45595	45803	45436	45945	45677	45204	45533	45355		99.097

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – January 2012											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	45366	45990	45816	45441	45900	45492	45750	45092	45716	45922	45390	45592	99.205
	1	46053	45732	46494	45449	45628	45592	45687	45027	45689	45963	45590	45687	99.413
	2	46202	45903	45093	46491	45606	45781	45443	45838	45712	45103	45925	45475	99.409
	3	45835	45560	46516	45586	45826	45293	45593	45100	45983	45443	45553	44795	99.139
	4	45791	46367	45596	45515	45854	45347	45652	45473	45762	46188	45805	46503	99.641
	5	45976	45398	45634	46179	45206	45985	45409	45467	45527	46275	45813	45589	99.388
	6	45727	45897	45997	46032	45999	45752	45835	46285	45827	45813	46141	45796	99.867
	7	46184	45612	46190	46510	45920	45947	45840	46149	46007	45953	46168	46590	100.224
	8	45880	46329	46234	45957	46284	46052	45786	45722	45466	46435	45953	45905	100.031
	9	46066	46587	46262	45611	45316	45904	45895	45731	46289	46240	46253	46188	100.092
	10	45708	46525	46637	45775	46195	45544	45884	45804	46603	46288	46114	46734	100.358
	11	45993	46826	46340	45707	46605	46668	46463	45603	45774	45839	45596	46144	100.312
	12	46042	45612	46444	45605	46923	45440	46054	46050	45937	46587	45522	46849	100.223
	13	46098	45843	46364	45903	45613	46877	45921	46195	46470	46440	45910	46377	100.395
	14	46207	46289	46374	46331	46222	46485	46171	46528	46299	45911	46200	46480	100.664
	15	46086	46164	46387	46435	46268	46495	45999	46243	46150	45581	45927	45775	100.304
	16	46823	45930	45899	46267	46361	45759	45446	46218	46508	45664	45973	46179	100.217
	17	46239	46307	45836	45951	45140	46053	45768	45636	46104	45804	46746	46120	99.976
	18	45401	46111	46217	45641	45508	46052	45751	45805	45882	45808	45789	46172	99.693
	19	45828	45973	46383	45343	46083	45942	46200	45701	46706	46137	45308	46002	99.959
	20	45611	46514	45505	45348	46267	45874	46323	45134	45799	45761	45163	46105	99.560
	21	46166	45633	47580	45799	46516	45619	45783	45788	45455	45805	45980	46250	100.098
	22	45862	45656	45977	45819	46202	46038	45546	45630	46537	46247	45757	45568	99.820
	23	46079	45905	45843	46037	45409	45423	46193	45473	45737	45539	45689	46142	99.572
4	0	45905	45691	45703	45771	45649	45672	46542	45592	45833	45811	45331	45746	99.531
	1	45370	45659	45899	45827	45348	45613	46189	45785	45819	45623	45383	46188	99.433
	2	45720	45250	46152	45705	46111	45712	46078	45345	45861	45323	45807	45924	99.485
	3	46016	45668	46261	45785	45946	45911	46088	46607	45236	46727	45683	45794	99.980
	4	45833	45871	46287	45196	46028	45618	45672	46154	46037	45140	45269	45872	99.482
	5	46455	45586	46080	45739	45565	46289	45935	45826	45646	45525	46546	45440	99.782
	6	45192	45987	45567	45891	45198	45944	46004	45483	46074	45747	45659	46189	99.475
	7	45079	46045	46479	45843	46824	45123	46144	45650	46083	45830	45830	45559	99.756
	8	46229	46411	45808	45834	45485	46423	45538	46358	46060	45843	46294	45386	99.970
	9	46504	45788	46307	45544	45878	45901	46207	45962	45873	45958	45837	45642	99.921
	10	46107	45434	46155	45583	46083	45486	46213	45440	45500	45827	46005	45624	99.569
	11	45656	46135	45920	45771	45780	45819	45780	45261	46465	45601	46023	45966	99.700
	12	45280	45691	45675	45569	46094	46147	46728	46091	45356	46069	45423	46054	99.700
	13	45998	45786	46210	45232	45360	45755	45656	45831	45806	45528	46582	45241	99.484
	14	46057	45648	45886	45177	45956	45291	46386	45457	45975	45880	45571	45903	99.521
	15	45415	45760	45327	45085	46151	45697	45199	45617	45828	46005	45642	45717	99.204
	16	45792	45548	46092	46569	45986	46029	46166	45394	45568	45581	45904	45419	99.677
	17	45467	45742	46025	45090	45659	45826	45407	45857	45443	45597	46232	45333	99.247
	18	46739	45323	45856	45957	45786	46126	45431	46166	46016	45338	46182	45092	99.670
	19	45695	45754	45557	46061	45817	45576	46302	45482	45490	45337	46004	45422	99.395
	20	45425	46056	45705	45478	46011	45773	45956	44766	45280	45388	45183	45657	99.066
	21	46207	46051	45698	45531	45228	45889	46079	45698	45296	46171	44875	45507	99.347
	22	45652	45790	45837	45985	45527	45562	45494	46161	45464	45074	45371	45726	99.241
	23	46140	45385	45652	45535	44982	45862	45117	45946	45888	45427	45743	45613	99.177

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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
5	0	45920	46064	45799	45424	45340	45233	45532	44975	45692	45550	45107	45188	98.920
	1	45523	45974	46090	45754	45796	45169	45794	45514	45770	45529	46128	46061	99.505
	2	46106	45946	46016	45668	45870	45785	46211	46063	46516	46120	45813	45669	99.991
	3	45781	46274	46121	46167	45259	45971	45390	45715	46038	45820	45826	46385	99.803
	4	45937	45581	45900	46103	46168	46324	45901	45354	45792	45983	45228	45787	99.679
	5	46053	46199	46393	45617	45742	45841	45896	45880	45857	45498	46365	45969	99.905
	6	45478	45984	45880	45588	45556	45814	46018	46525	45572	46311	46129	46343	99.886
	7	45571	46105	46197	46054	46263	45768	45935	45462	46430	46070	46256	45583	99.975
	8	46026	46089	45864	45411	45622	45900	45908	45196	45791	46448	45959	45870	99.683
	9	46146	45875	45829	45794	45619	45910	45927	45815	46038	45999	45776	46008	99.801
	10	45870	45936	45666	46065	45711	45551	46352	46878	45787	45767	45857	45725	99.880
	11	46132	46543	45854	46207	46240	45376	45943	45644	45586	46257	46204	46143	100.054
	12	46314	46621	45885	46579	45337	46102	46374	46316	46368	46032	46220	46180	100.452
	13	46252	45889	46190	45561	46321	45767	46278	45923	46436	46458	45933	46606	100.324
	14	45585	45305	46255	46327	45935	46116	45670	45605	46717	46467	46781	46207	100.207
	15	45530	45999	46247	45702	45703	46549	45714	46347	45666	45825	45914	46041	99.893
	16	45645	46260	45149	45698	46461	45451	45952	45776	45909	45685	45887	45557	99.566
	17	45474	45547	46841	45295	45645	45717	45580	46311	45794	46162	45996	46103	99.754
	18	45855	46019	46180	45828	46262	45432	45165	45944	46008	46089	46110	45631	99.763
	19	46334	45832	45724	46142	45746	46143	45510	46104	45659	45799	45811	45855	99.788
	20	45919	46122	45971	45493	45658	45646	45541	45989	45506	45907	46080	46010	99.639
	21	45515	45941	45458	45930	45345	45828	45528	45425	45588	45667	45728	45541	99.214
	22	45182	45722	45583	45974	45551	46067	45786	46184	46327	45948	46031	45220	99.592
	23	46104	46201	46070	45502	46047	45794	45974	44926	45809	45650	46031	45690	99.631
6	0	45778	44999	45886	46016	45546	46043	45395	45704	45200	45475	45693	45781	99.213
	1	46061	45977	45921	45698	46036	45968	45976	45969	46195	46168	45893	46490	100.095
	2	45849	45763	45839	46126	45918	45710	45841	46425	46328	45782	45914	45349	99.820
	3	45943	45565	45935	46130	45200	45458	45903	46491	46055	45922	46392	45195	99.702
	4	46136	46227	46284	46071	46615	45857	46404	46283	45952	46441	46127	46380	100.533
	5	46174	46697	46649	46160	45227	46680	46341	46484	46507	45621	46029	45984	100.494
	6	46939	46307	46179	46041	46070	46332	45886	46905	45831	46157	45740	45925	100.450
	7	46577	47078	46218	46488	46025	46535	46358	46461	45701	45789	46301	46085	100.687
	8	46184	46591	47001	46308	46704	46044	46430	46109	46048	45933	45904	45937	100.610
	9	46608	46338	46509	46828	46236	47078	45919	46781	46240	45878	46289	46882	101.042
	10	46222	46214	46008	46373	46877	46317	46842	46586	46238	46331	46664	46213	100.916
	11	46916	46602	46391	46578	46614	46425	46577	46873	46588	45821	46043	46049	101.023
	12	46218	46347	46657	46531	46682	46770	46588	46557	46769	46366	46528	46373	101.187
	13	46163	46621	46858	46570	46103	46446	47035	46437	46448	45877	46928	45869	101.001
	14	46799	46578	45861	46531	47320	46916	46193	46248	46103	47022	46337	46501	101.192
	15	46644	46018	45967	46936	46361	46207	46265	46018	46221	46859	46794	46596	100.916
	16	46907	46702	46347	46777	46746	46577	46917	46220	45694	46755	46953	46640	101.342
	17	46701	46893	46130	46611	46918	46619	46643	46753	46304	46303	46365	46795	101.305
	18	46402	46148	46716	46349	46619	46597	46578	46446	46338	46846	46369	46958	101.184
	19	46399	46538	46763	46444	46063	47114	46700	46760	46859	46783	46797	46276	101.389
	20	46259	46359	46783	46545	46838	46698	46463	46637	46469	46019	46785	46781	101.233
	21	46223	45883	46850	45869	46250	46256	45795	46839	46446	46258	46984	46666	100.812
	22	46538	46094	46359	46263	46783	46249	46828	46508	46518	46497	46371	46406	101.012
	23	46938	45932	45673	46397	46049	46371	45678	45913	46254	46138	46233	46454	100.398

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – January 2012											20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
7	0	46200	46340	46897	45854	46074	45942	46027	46884	46506	45800	45959	46407	100.565
	1	46073	46252	45805	45956	46660	45743	45576	45939	45387	46208	45836	46004	99.930
	2	45941	46031	46424	45790	46326	45941	46258	46201	46195	46102	46296	46453	100.385
	3	46016	46492	46429	45550	45991	46022	45775	46324	46388	46224	46185	46715	100.412
	4	46567	46600	46605	46071	46499	46197	46361	45948	45853	46384	45821	46476	100.644
	5	46726	46233	46580	45845	46778	46971	46397	45894	46822	46088	46188	46941	101.021
	6	46610	46682	45773	46797	46254	46018	46455	46151	46344	46220	46316	46258	100.733
	7	46706	45837	46695	46374	46184	46105	46513	45847	46971	46090	46459	46063	100.727
	8	46186	46809	46551	46235	46298	46258	46064	46245	45670	46606	46291	45814	100.579
	9	46983	45669	46797	46835	46670	46116	46564	46635	46453	46108	46280	46434	101.036
	10	46210	46286	46729	46233	46277	47032	45850	46896	46445	46485	46164	46374	100.933
	11	46640	46114	46719	47009	46193	46211	46415	46660	46870	45715	46749	46392	101.061
	12	46913	46143	46441	46449	46334	46653	46148	46797	46685	46408	46837	45849	101.055
	13	46093	46195	46112	46500	46837	46127	46339	46975	46616	45809	46578	46648	100.905
	14	46422	46276	46169	46419	46292	46783	45866	46790	46994	46852	45433	45904	100.792
	15	46297	46600	46008	46127	46360	45954	45991	46706	46456	46148	46511	46480	100.689
	16	46134	47011	46581	46144	46197	45823	46512	46569	46919	46274	46035	46814	100.939
	17	46908	46904	45983	46610	46456	46425	46686	45714	45929	46396	46764	46106	100.915
	18	47112	46822	46046	46747	46541	46458	46813	47027	46369	46415	46119	45999	101.202
	19	45925	47021	46513	46692	46226	45914	46180	46674	46706	46378	47235	46142	101.046
	20	47057	46097	45597	47154	46232	46345	46503	46389	46837	46633	45949	46138	100.924
	21	46280	46322	46197	46863	46678	45942	46200	45540	46828	46088	46043	46482	100.658
	22	45883	46843	45809	46761	45926	46253	46321	46224	46569	45833	45746	46719	100.553
	23	45934	46372	46554	46309	46712	46432	46294	46523	46323	46392	46107	45960	100.739
8	0	46275	46160	46073	46054	46286	46358	46557	46005	46454	46095	46158	46346	100.538
	1	45854	46397	45779	46707	47193	46427	46870	46585	46160	45628	46612	46287	100.845
	2	46006	45620	46388	46262	46337	46053	45969	46455	45858	46563	45594	45828	100.199
	3	46431	46568	45962	46712	46129	46371	46659	46686	46082	46164	46238	45722	100.705
	4	46025	46798	46354	46190	46176	46050	46252	45964	45708	46427	45926	46494	100.458
	5	45539	46592	45965	46707	45838	46202	46276	46491	46501	46219	46328	46734	100.645
	6	45588	46591	45962	46584	46668	45431	45804	46234	45915	46790	46155	47019	100.527
	7	46551	46756	46382	46480	46291	46230	46345	46650	46710	45922	46724	47290	101.177
	8	45927	46722	46066	46159	45995	46788	46781	46454	46498	46138	46611	46508	100.872
	9	46339	46513	46697	46301	46536	46045	45935	46009	46464	46599	45806	46478	100.705
	10	46374	46642	46204	47035	46265	46985	46191	46244	45495	46835	46127	46726	100.959
	11	46704	45588	46030	46724	46132	46783	46907	46437	46392	46515	46263	46565	100.944
	12	46174	45849	45987	46212	46989	46430	46187	45999	46689	46416	46510	46690	100.779
	13	46280	46441	47166	46066	46543	46517	46774	46997	46646	46091	46497	46772	101.260
	14	46230	46225	46409	45491	46766	46728	46567	46363	46768	46844	46354	46761	101.028
	15	46634	46595	46723	46436	46184	46659	46552	46677	46527	46501	45586	46290	101.003
	16	46161	46162	46866	46206	46279	46280	46298	46445	46554	46639	46040	46871	100.900
	17	46330	46464	46702	46306	46175	46517	45882	46440	45970	46783	46319	46102	100.753
	18	47396	46035	45888	45823	46531	46118	46432	46236	46162	46492	45996	45844	100.565
	19	46460	46339	46817	46417	45866	46746	46393	45930	46052	46750	46549	46043	100.821
	20	45547	46269	46043	46159	46071	46528	46015	46143	46349	46221	46613	46868	100.542
	21	46538	46107	46473	46067	45797	47059	46461	46259	46711	46583	46916	46334	100.991
	22	46319	45765	46636	46431	46249	46140	45971	46012	46818	46437	45893	45830	100.484
	23	46424	46604	46311	46074	46270	46164	46184	47414	45532	45906	45733	46341	100.566

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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	46221	46202	46498	46314	46690	45988	45588	46746	46481	46530	46354	46026	100.696
	1	46195	46210	46292	46388	45615	46626	46490	46669	46484	46374	46511	46304	100.784
	2	46156	46145	46278	46537	46232	46486	46427	46588	46476	46365	46218	46407	100.812
	3	46087	46916	46165	46262	46110	46202	46375	46269	46062	46609	45805	46351	100.613
	4	46322	46657	46238	46093	46838	46489	46307	46245	46576	45983	46288	46275	100.812
	5	47227	45720	46308	46164	46637	46700	46973	46670	46293	46804	46859	46532	101.278
	6	46160	46213	46730	46725	46548	46606	46964	47038	46896	45848	47091	46297	101.320
	7	47111	46572	46518	46928	46742	46153	46571	46333	46476	46331	46653	46763	101.326
	8	46832	46783	46320	46253	46665	46522	46975	45917	46560	46337	46527	46209	101.100
	9	46258	46430	46956	46336	46596	46624	46491	46642	46239	46612	46639	46530	101.182
	10	46597	46284	46602	46504	46572	46727	46429	46546	46823	46470	46616	46702	101.276
	11	47024	46615	46807	46555	46000	45841	46705	46365	46831	46189	46248	46515	101.062
	12	46071	46621	46402	46874	46213	46164	46273	46953	46397	46499	46051	46262	100.896
	13	46244	46738	46654	45709	46189	46558	46426	46194	46189	46461	46626	46252	100.799
	14	46371	46562	46636	46175	46393	46050	46011	46383	46745	46596	46506	47113	101.034
	15	46810	46777	47014	45687	46428	46416	46442	46013	46728	46958	45481	46300	100.947
	16	46856	46616	45977	46810	46820	46470	45779	46221	45772	47138	46013	46309	100.897
	17	45609	46359	46521	46510	46424	46370	46304	45778	46256	46155	46154	46477	100.559
	18	46519	46288	46573	46690	46490	46330	45936	46112	45956	46801	46340	46248	100.807
	19	45788	45923	46108	45942	46816	46000	46433	45922	46300	46188	46247	46051	100.342
	20	46809	46305	45890	46034	46403	46365	46567	46022	46100	45958	46776	45868	100.592
	21	46407	46120	46526	45945	46481	46669	46655	46687	46262	46341	46756	45487	100.816
	22	47036	45692	46389	46658	46273	46486	46513	46318	45920	45821	45959	45946	100.576
	23	46481	45922	46539	46220	46479	46212	46552	46851	46019	46408	46746	46241	100.876
10	0	45515	45863	46046	46518	46193	46317	46452	46048	45957	46191	45913	46071	100.232
	1	46415	45922	45780	45931	45866	46630	46372	46560	46446	46335	45954	45895	100.412
	2	45933	46125	46076	45981	45811	46113	46660	46184	45895	46155	46554	46039	100.307
	3	46133	46424	46082	46199	46247	46163	46585	46013	46432	46635	46448	45956	100.631
	4	46766	45719	46181	46802	45660	46019	46333	45975	46210	46513	46445	46291	100.558
	5	46307	45974	46182	47158	46432	46314	45902	46844	46644	46097	46915	47053	101.085
	6	46000	46606	45740	46617	45995	46315	45500	46590	46696	45675	46369	46661	100.531
	7	46165	46226	46061	46587	46505	46579	46307	46100	46265	46638	46475	46258	100.785
	8	46060	46099	45662	46046	46153	45892	46006	46262	45999	46540	45630	46258	100.140
	9	46226	46367	46367	46615	46393	46816	46305	46427	46265	46488	46453	46756	101.023
	10	47373	46362	46800	45859	46111	46434	46347	46882	45788	46017	46618	47041	101.050
	11	46450	46357	45689	46028	45744	46380	46196	46373	45776	46172	47190	46086	100.473
	12	46173	46246	46739	46705	45675	46423	46296	45903	46103	46005	47007	46740	100.758
	13	45768	46283	46332	46306	46206	46543	46529	46051	46310	46196	46208	45705	100.472
	14	45900	46585	47722	46715	46054	46647	46111	46460	45959	46256	46793	46062	100.984
	15	45939	46446	46892	47241	46363	46534	46806	46244	46173	46887	46269	45551	100.998
	16	46698	46696	45998	46602	46574	46818	46454	47035	46011	45697	46107	45927	100.868
	17	46361	46682	46420	46344	45753	46843	46565	46478	46233	45810	46288	46767	100.854
	18	45827	46654	45763	46112	46018	45472	46044	46289	46096	46128	46469	45854	100.162
	19	46239	46467	45971	47057	46062	46269	46001	45698	46298	46178	45863	45834	100.381
	20	46231	46454	46833	46175	45959	46501	45872	45738	46317	46120	45701	46067	100.387
	21	46561	46112	46226	46735	46175	46258	45874	46861	46440	46101	46518	46028	100.735
	22	46490	45411	45551	46422	46044	46553	46652	45874	46475	46119	47153	46509	100.620
	23	46550	46621	46057	46135	46451	46393	46129	45869	46729	46688	46482	46820	100.922

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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	47062	46162	46051	45862	46543	46809	46006	46066	46082	46969	45746	46429	100.726
	1	46373	45963	45633	45954	46065	46556	46757	45764	46509	46177	46285	46892	100.561
	2	46287	46117	45902	46201	46395	46390	46289	46319	45957	46012	46467	46308	100.509
	3	46080	45452	45118	46330	47034	46651	45768	46670	47055	46529	46582	46639	100.738
	4	46047	46926	46649	45887	46545	46425	46280	46389	46789	45935	46139	47088	100.955
	5	46647	46535	46335	46170	46461	46141	46815	46603	46189	46938	46204	45979	100.940
	6	45847	46094	45852	46048	46658	46678	46625	46573	46327	45673	46609	46370	100.638
	7	46165	46565	46247	46171	46620	46324	46180	46240	46002	46562	46627	46699	100.827
	8	47074	46399	46027	46735	46484	46319	46493	46364	46585	46370	46953	45700	101.028
	9	46270	47024	46829	46801	46854	46702	46105	46374	46328	46153	46910	46587	101.287
	10	45979	46489	45988	45642	46659	46718	46076	45973	46429	45924	46841	46070	100.536
	11	47224	46697	46877	46277	47210	47171	46174	46071	45651	47061	47069	46195	101.421
	12	46561	46196	46176	46799	46165	46657	47133	46509	46232	46278	46301	46626	101.051
	13	46973	47309	46375	46392	45970	46790	47019	46682	46743	46250	46855	46737	101.497
	14	46649	46878	46578	46201	46298	46191	46461	46436	46565	47342	46539	47007	101.325
	15	46462	46678	46825	46587	45646	46610	46568	46298	46596	46426	46249	46022	100.931
	16	46067	46680	46731	46189	46744	46016	46633	46267	46408	47025	46127	45837	100.886
	17	46475	46823	46374	46762	46485	46705	45781	46204	46454	46170	46089	46788	100.956
	18	46031	46780	46026	45862	45799	46332	47122	46373	45847	46304	46195	46272	100.563
	19	46231	46148	46306	46133	46338	46162	46531	46407	46243	46379	46188	46013	100.588
	20	46433	46153	45695	46694	46347	46616	46603	46308	46401	46226	46502	46009	100.753
	21	46918	45500	46172	46193	46057	46602	46486	46201	46306	46505	46204	46953	100.772
	22	46145	46519	46314	46877	44991	46219	46083	46479	45634	46788	45584	46232	100.368
	23	46030	46564	45514	46320	46267	46282	46082	46454	46116	45585	46431	45869	100.305
12	0	46691	46162	45880	46172	46127	46186	45739	46617	46263	45949	46514	46669	100.575
	1	46138	46112	46567	46251	45932	46755	46270	46443	46859	45869	46121	46524	100.726
	2	46562	45950	45985	46168	46098	46838	46181	46230	46318	46655	46504	46390	100.733
	3	46365	46655	46263	46237	46293	46286	46239	46329	45921	45964	46217	46201	100.568
	4	46054	46285	45980	46005	46050	46195	46048	46109	46850	46715	46173	46427	100.554
	5	46707	46497	46672	46351	46109	46530	46092	46354	46222	46313	46652	46362	100.911
	6	46041	46374	47179	46433	46038	45909	46165	46659	46230	46329	46243	46091	100.699
	7	45740	46680	46914	46497	46213	45496	45679	46378	46331	46302	46542	46310	100.589
	8	46580	46759	46619	46519	46496	46155	46395	46183	46663	46387	45941	46559	100.983
	9	46476	46234	46255	47417	46530	46394	46346	46535	45885	46752	46520	46943	101.170
	10	46720	46515	45983	46197	46021	45816	46701	46495	46365	46510	47407	46761	101.026
	11	46253	46638	45848	46286	46542	47071	46886	45793	46663	46948	46444	46457	101.087
	12	46835	46662	46174	45969	46018	45852	46951	46475	46708	45972	46384	46451	100.837
	13	46355	46350	47409	45805	46610	46820	46626	46123	46380	46824	45859	46412	101.040
	14	46398	46349	46972	46857	46451	46270	45913	46274	46492	46424	46001	46218	100.867
	15	45779	46511	46503	46425	46441	46615	46246	45739	46354	46855	46568	46058	100.772
	16	46844	46495	46581	45558	47150	46504	46255	46425	45893	46119	46318	46689	100.906
	17	46181	46746	45998	46485	46179	46501	46574	46025	46689	45705	46490	46281	100.729
	18	46283	46781	46692	46181	46134	45776	46202	46233	46137	46042	46600	46149	100.612
	19	46209	46511	45819	46372	46252	46781	45892	46213	46396	45733	45958	46045	100.425
	20	46365	46351	45698	46097	46858	46693	46598	45487	45783	45978	45867	46790	100.495
	21	46622	45999	46489	46639	46480	47084	46565	46620	46325	46197	45914	45816	100.891
	22	46351	45872	46286	45949	46857	46197	46196	45631	46189	45672	46612	46239	100.402
	23	46785	46210	46799	46573	46219	46590	47045	45386	45977	45881	46295	45995	100.710

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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
13	0	45857	45716	46240	46981	46062	46500	46079	46557	45603	46437	45980	46414	100.464
	1	46219	46345	46158	46098	46042	46753	45672	46557	46233	45438	46555	46805	100.551
	2	46566	45666	47120	46259	46482	46039	46216	46162	46136	46402	45572	45865	100.480
	3	46308	45340	46149	45903	46680	46555	46543	46509	46085	46099	46636	46442	100.619
	4	45677	45860	45984	46470	45836	46320	46438	46019	46132	45289	46311	45882	100.070
	5	45944	45666	45972	46214	46685	45874	45938	46578	46641	46539	46331	45828	100.431
	6	46214	46253	46790	46925	46851	46678	46475	46331	46034	46157	46335	46230	100.985
	7	45641	46085	46833	46247	46072	46346	45700	46870	46159	46266	46374	46111	100.520
	8	46457	46549	45863	46338	46890	46436	45731	46361	46067	46279	46508	46881	100.821
	9	46375	46370	46569	46703	46090	46761	46742	46445	46052	46594	46057	46251	100.938
	10	47140	46406	46128	46583	46373	46152	46167	46452	46081	46184	46222	45971	100.729
	11	46315	46614	46820	46501	46079	46709	46299	46384	46364	46509	46061	46415	100.949
	12	46263	46191	46084	46447	46441	47070	46842	46538	45916	46748	46497	46192	100.978
	13	46091	46071	46507	46919	46244	46278	45763	46819	46204	46160	46666	46492	100.794
	14	46218	46718	46464	46405	46739	46456	46314	46340	46404	46445	46322	46104	100.923
	15	46335	45647	46419	45956	46864	46943	46041	46039	47044	46326	45929	46108	100.692
	16	46483	45760	46497	46447	46770	45648	46259	46597	45905	46012	45576	46084	100.399
	17	45816	46558	46105	46413	45650	46298	46825	46303	45469	46448	46021	45991	100.374
	18	45645	45705	45592	46154	45813	45887	46379	46100	46818	46479	46591	46109	100.261
	19	46289	46360	46160	46791	46262	45587	46088	46455	46154	46029	46617	45599	100.463
	20	45764	46082	47206	45690	45999	45853	45995	46558	46270	45580	46460	46187	100.328
	21	45533	46429	45542	45863	45450	45816	46094	46066	46602	46046	46029	46640	100.050
	22	46487	46222	46260	46423	46184	45779	46391	46788	45962	46282	45373	46362	100.486
	23	46055	46307	46883	46419	46452	45755	46418	46037	45771	46531	45801	46574	100.574
14	0	47272	46736	45948	45754	46462	46451	45924	45900	46122	46531	46333	45894	100.634
	1	46517	46359	45581	46365	46406	46178	46595	46205	46434	46250	46719	46194	100.720
	2	46666	45968	46295	46252	45834	46580	45946	46035	46399	46583	46063	46631	100.620
	3	46337	46338	46587	46218	46221	46928	45954	45978	46616	46071	46217	45603	100.586
	4	46255	46200	46708	46106	46287	45757	45910	46174	46235	46222	46489	46824	100.604
	5	46020	46128	46051	46155	46624	46152	45934	46199	46632	45683	46090	46337	100.394
	6	46142	46135	46246	46781	46497	46108	46498	46111	46193	46028	46195	45672	100.503
	7	46172	45981	46759	46176	46388	46663	46476	46555	46447	46198	46166	46199	100.788
	8	46010	46189	46283	45941	46666	46976	46349	46811	46246	46524	46172	46507	100.877
	9	47268	45983	47042	46701	46567	46583	46301	45646	46381	46663	46237	46846	101.157
	10	46094	46323	46175	46800	46233	46612	46549	46515	46783	45716	46968	45931	100.882
	11	46657	45694	46079	46351	46468	46938	46076	46099	46594	46940	46379	46635	100.921
	12	46508	47019	46571	46466	46776	46256	46236	46252	46124	46728	46794	46419	101.144
	13	46479	46397	46217	46848	45993	46453	46255	46326	46510	46849	46886	46309	101.031
	14	45690	46766	46034	46782	46133	46389	46359	46007	46292	46503	46110	46373	100.653
	15	46997	46419	46434	46590	46489	46724	46349	46420	46547	47165	46337	46351	101.267
	16	46480	46216	46434	46881	46303	46036	46613	46561	47111	45948	46827	45959	101.003
	17	46267	46182	46596	46171	46454	46533	45826	46591	46301	46563	46524	46168	100.787
	18	46928	46479	46129	46393	46807	46151	46655	46743	46148	46703	46015	46223	101.004
	19	45840	46783	46090	47018	46202	45257	46693	46031	46286	46157	45809	45670	100.363
	20	46179	46614	46375	46423	46618	46201	46303	46514	46515	47001	46407	46898	101.126
	21	46294	46002	46533	46267	46779	46220	46211	46134	46816	46060	46620	46355	100.808
	22	46882	46610	46791	45971	46577	46188	46036	45692	47090	45605	46245	45761	100.655
	23	46121	45858	46268	46777	46426	46533	46223	46944	46067	46503	46179	46915	100.903

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – January 2012											20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
15	0	46340	45941	46273	46624	46275	47034	46527	46809	46948	46287	46513	46859	101.198
	1	46090	46533	45819	46469	46149	46160	46399	45800	46356	46097	46333	46537	100.527
	2	46302	46352	46370	46779	46876	45997	46460	46174	46329	46322	45834	45759	100.674
	3	46255	46532	46811	46535	46370	46633	46317	46585	45997	46019	45925	46367	100.818
	4	46364	46257	46351	46457	45884	45522	47168	46520	46279	46547	46185	46386	100.741
	5	46592	46598	46803	46494	46288	46555	46635	45801	46636	46663	46997	45648	101.065
	6	45515	46390	46923	46656	47097	46251	46862	46378	46381	45309	46878	46255	100.917
	7	46638	45887	46164	46315	46554	46551	46614	46505	46981	47321	46625	46819	101.294
	8	46450	47106	45731	46817	46407	46243	47315	46756	46420	46644	46767	46903	101.399
	9	46671	46582	46318	46309	47274	46693	46800	46509	46436	46092	46283	47049	101.302
	10	46604	46758	46299	46448	47039	46873	46217	46039	46915	46196	46296	46205	101.097
	11	47087	46829	47020	47136	46795	47120	46284	46897	46390	45955	46533	46460	101.571
	12	46593	46163	46738	47230	46837	46524	46191	46935	46409	45941	46612	46557	101.250
	13	46989	47292	46893	45684	46719	46079	46602	47078	46706	45824	46664	46630	101.328
	14	46736	46573	46856	46498	46295	46165	46980	46376	46392	46505	47021	46041	101.197
	15	46534	47231	46601	46635	46647	46220	46403	46082	46425	45992	46891	46764	101.194
	16	46408	46342	46652	46660	46453	46418	46469	46937	46959	46754	47394	46312	101.436
	17	46076	46545	46891	46481	46482	46024	46166	46425	46281	46275	47086	46301	100.942
	18	46712	46212	46720	46563	46758	46569	46593	46484	46538	46694	46748	46365	101.291
	19	46767	46514	46510	46220	46098	46975	46670	45664	46955	46181	46235	46686	101.023
	20	46626	47014	46307	46480	46287	46126	46735	47159	46090	46548	46003	46628	101.118
	21	46494	46253	46884	46498	46154	46773	46853	46984	46878	46427	46177	46813	101.333
	22	46332	45738	46707	46029	46743	46246	46454	46002	46443	46566	46758	46510	100.850
	23	46550	46778	45474	46851	46989	46500	46544	46514	46317	46355	46854	45571	100.990
16	0	46203	45635	45977	46581	45906	46357	46894	46692	46737	46500	46153	47002	100.868
	1	46578	46235	46604	46151	46575	45605	46424	46748	46670	46759	46767	46153	100.985
	2	46177	46645	46888	45822	46371	46543	45831	46945	46406	45908	47049	46998	101.042
	3	46098	46290	45855	46003	46815	46517	46654	46369	46191	46287	46774	46019	100.732
	4	46200	45794	45977	46154	46328	46535	46250	46861	46408	45881	46762	46549	100.700
	5	46205	46173	46925	46820	46141	46773	46696	46407	46738	46586	46117	46367	101.108
	6	46876	46641	46426	46414	45996	46266	46734	46721	46546	46852	46336	46682	101.206
	7	45853	46991	47090	46868	46763	46795	46697	46538	46478	46075	46523	46517	101.333
	8	45930	46885	46231	46328	46157	46765	46856	46101	46444	46400	46982	45788	100.912
	9	47180	46715	46420	46155	46049	46560	46614	46408	46124	46077	46835	46198	100.997
	10	45997	46226	45868	46210	46799	46382	46434	46150	46346	46599	46432	46911	100.820
	11	46353	46066	46438	46486	46391	47020	46688	46360	46508	46353	46284	47015	101.111
	12	46479	47186	46541	47098	46810	46501	46730	46343	46700	45852	46278	46811	101.358
	13	47442	46853	46748	46455	46787	46485	46206	46453	46654	46222	46265	46730	101.353
	14	46443	47114	46737	46245	46868	46887	46434	46242	46613	46836	46652	47056	101.503
	15	46625	46532	46961	46856	46481	46993	46042	46262	45810	46890	46895	47027	101.366
	16	46562	46589	46582	46901	46492	46648	46582	46785	47145	46627	46778	46722	101.555
	17	46168	47044	46516	46791	46309	46577	46850	46128	46828	46693	46149	46252	101.173
	18	47061	46563	47042	46199	46463	46968	46559	46436	45971	46892	46658	46266	101.313
	19	46542	45502	46139	47016	46480	46103	46732	46752	46286	46702	46555	46129	100.925
	20	46658	46365	46194	46139	46309	46610	45838	46710	46386	46443	45509	47079	100.799
	21	46787	46656	46771	46369	46499	46302	46734	46438	46476	45790	46214	46485	101.031
	22	46757	46456	45836	45735	45955	46392	46653	46418	46116	46138	45785	46620	100.549
	23	46954	46689	46639	46104	45973	46397	46443	46240	46762	46371	46516	46190	100.987

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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	46286	46418	46725	46929	46441	46045	46571	46309	46163	46745	47036	46826	101.211
	1	47058	46128	46249	46740	46809	46458	46624	46501	46472	46436	46729	46146	101.181
	2	46546	47052	46483	46402	45844	46393	46233	46665	46502	46814	46919	46691	101.216
	3	47102	46210	45799	46427	46279	46763	45763	46435	46633	47250	46373	46297	100.996
	4	45997	45658	46015	45800	46597	46585	46856	46438	46218	46210	46069	46358	100.537
	5	46553	46612	46247	46599	46248	46112	46324	46800	45950	46079	46146	46655	100.814
	6	46759	46325	45822	46078	46051	46456	46777	46039	46648	46252	46393	46426	100.760
	7	46980	47014	46585	46351	46167	46893	46689	46044	46841	46773	47026	46434	101.443
	8	46314	46218	46969	46783	47070	46178	46542	46000	46763	46811	46143	46403	101.152
	9	46093	46557	46275	46785	46477	46840	46331	47206	47043	46628	46754	46915	101.462
	10	47069	46299	46207	46734	46188	46286	46260	47060	46220	46421	46506	46728	101.113
	11	46363	46371	46544	46436	47441	46485	46061	46315	46643	46403	46492	46704	101.164
	12	46745	46512	45716	46481	46676	46501	46284	46554	46469	46676	46226	46872	101.065
	13	46514	46238	47250	47704	46876	46603	46999	46752	46583	46986	46781	45866	101.689
	14	46864	46845	47241	46472	46924	46305	46804	46792	46832	46770	47303	46702	101.816
	15	46606	46352	46504	46980	46675	46994	46324	46851	47595	46334	46684	46222	101.502
	16	46342	46686	46774	47349	46320	46734	46269	46900	46642	46351	46732	46643	101.433
	17	46886	46858	46353	46613	46592	46520	47102	46667	46262	46246	47077	46975	101.507
	18	46784	47004	47299	46871	46633	46510	46447	46075	47137	46452	46183	47179	101.584
	19	46797	46276	46116	46584	47397	47111	46590	47039	46977	46914	46288	46527	101.592
	20	47258	46861	47127	45969	46539	46691	46550	46417	45952	46535	46838	46295	101.305
	21	47331	46698	47241	46695	46272	46454	46610	46343	46604	46763	46807	46568	101.550
	22	46442	46915	46477	46983	45859	46318	47073	47034	46786	46491	46554	45391	101.176
	23	46460	46566	46845	47563	47054	46419	46771	46889	46463	46587	46594	46445	101.599
18	0	47145	47220	46783	46907	47036	46117	46974	46182	46606	46848	46489	46023	101.543
	1	46531	46709	46695	46721	46469	46523	46624	46543	46069	46732	46242	47036	101.279
	2	45961	46745	46257	47134	46242	46760	46417	46451	46784	45557	46187	46629	100.959
	3	46572	46763	47165	46316	46552	46652	46397	46060	46461	46869	46667	46303	101.259
	4	46275	46619	46956	46578	47198	46757	46828	46820	46547	46260	46562	46797	101.516
	5	46491	45830	46650	46616	46520	46152	46514	47218	46468	46212	46036	46904	101.047
	6	46208	46431	46325	46537	46803	47419	46808	46558	46818	46521	46601	46566	101.407
	7	45756	47076	46945	46800	46348	46084	47105	46180	46981	46447	46627	46895	101.343
	8	46337	46974	46611	46290	46382	46599	46310	46406	46876	46565	46747	46852	101.289
	9	46933	46852	46977	46843	47335	47096	46521	47327	47211	46344	46694	46762	102.005
	10	45989	46970	46578	46521	46167	46237	46144	46398	46204	47154	46918	47187	101.203
	11	46630	46683	46384	47833	46650	46229	47327	46897	46010	46778	46322	46400	101.506
	12	46669	47146	46846	46676	46701	46708	46068	46599	46647	47088	46198	46723	101.492
	13	46128	46577	46690	46810	46420	46667	46499	46201	47049	46305	46330	47118	101.262
	14	46714	46729	45975	46405	46232	46951	46509	46932	46288	47442	47339	46840	101.544
	15	46454	47468	46751	46462	46197	46675	46911	46694	46421	46282	46855	46488	101.418
	16	47400	47021	46666	47102	47071	46955	46164	46547	46412	46677	46843	47105	101.836
	17	46896	46311	46213	46895	46611	46823	46489	46741	46778	46399	46526	46233	101.283
	18	46257	47343	46906	47647	46864	46538	46811	46425	46627	46238	47122	46527	101.717
	19	47333	46024	46938	47027	46877	46957	46568	46863	46722	46893	46489	46812	101.752
	20	46686	46504	46867	46542	47080	46512	45985	46444	47078	46030	46730	46326	101.260
	21	46318	46846	46718	47032	46737	46663	46787	47010	47278	46489	47003	46760	101.777
	22	46755	46989	46805	47089	46638	46693	46849	46873	47082	46994	47340	46346	101.924
	23	47377	47000	46538	46728	45957	46608	46089	46791	46114	46621	46563	46712	101.317

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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	46670	46867	46111	46255	47187	47350	46832	46401	46298	46610	46850	46485	101.462
	1	46570	46718	46741	46369	46867	46653	46809	47380	46830	46798	46802	46187	101.611
	2	46615	46794	46750	46103	46877	46048	46226	46044	46497	46920	46375	46596	101.089
	3	46339	47200	46494	46492	46552	46686	46696	46896	46268	46618	46837	46928	101.481
	4	46265	46362	46469	46799	46703	46506	47233	46504	46842	47006	46819	46530	101.487
	5	46811	46388	46854	46059	47234	46195	46825	47052	46518	46632	46236	47131	101.468
	6	47095	46582	46817	46260	46497	46659	46421	46298	46700	47171	46169	46794	101.383
	7	46218	46852	46579	46816	46724	47153	46950	46586	46602	46699	47067	46653	101.643
	8	46722	46762	46950	46847	46600	46984	46676	47014	46149	47112	45836	47267	101.647
	9	46625	46778	46532	47176	46584	46863	46850	46119	46817	46779	46941	46229	101.533
	10	46372	45707	46284	46666	46188	46380	46564	46850	45954	46789	46677	46644	100.950
	11	46729	46422	46450	46816	46561	46413	46411	46267	46389	47040	46391	46420	101.174
	12	46776	46745	47227	46496	46880	46710	45919	47177	46480	47340	46486	46826	101.672
	13	46690	46178	46669	46765	46587	46350	46659	46733	46848	46503	46379	47123	101.386
	14	46807	46781	46612	46145	46639	47371	46367	46980	47021	46798	46936	46880	101.722
	15	46260	46718	45811	46840	47232	46110	45951	46729	46364	46460	46652	46874	101.118
	16	46176	46155	46404	46553	47112	46710	46870	46671	46880	47005	47043	46566	101.507
	17	46239	46278	46625	46749	46253	46676	46591	46474	46532	46395	47362	45604	101.077
	18	46466	45971	46839	46920	47077	46018	46426	46574	46856	46820	47058	46417	101.379
	19	46907	46067	46594	46815	46891	46164	46488	46284	46660	46307	46768	46552	101.208
	20	46806	46605	46691	46166	46553	46778	46252	47020	46099	47030	46267	46574	101.270
	21	46040	47248	46085	45863	46488	46860	46294	46229	47335	47127	46309	47510	101.369
	22	46103	46760	46728	46301	46493	46498	46595	46423	46765	46360	46218	46475	101.067
	23	46576	45893	46627	46318	46730	45873	46525	46613	47028	47159	46434	46046	101.085
20	0	46686	46155	46162	46819	46617	46750	46461	46169	45940	46582	45958	46445	100.876
	1	46149	46351	45788	46438	47284	46767	47161	46710	46376	46644	47011	46835	101.393
	2	46204	46241	46349	46551	46867	46951	46806	45919	46570	46443	46542	46469	101.102
	3	46564	46475	46183	46503	46218	46601	46294	45967	46049	46340	46666	46732	100.862
	4	46757	46345	46268	46029	46782	46222	47387	46951	46310	46256	46342	46465	101.138
	5	46597	46389	46969	46236	46738	45766	45986	46302	46179	46067	45888	45811	100.560
	6	46059	46324	46422	46745	46245	46940	46763	46197	46619	46411	46618	46337	101.060
	7	46254	46228	46242	45872	45894	46218	46468	46635	46588	45717	46318	46383	100.541
	8	46720	45720	46022	46355	45840	46256	46210	46047	46576	45548	46348	45792	100.290
	9	46231	46599	45892	46687	46668	45980	46101	46614	46266	46120	45656	46117	100.561
	10	46160	46066	45705	46309	46095	45929	46541	45888	45877	45910	46012	46153	100.147
	11	45961	45972	45985	45710	46412	45511	45901	46354	46576	46365	46035	46275	100.223
	12	45427	46097	45848	46108	45610	46051	46117	45949	46237	46185	46652	46104	100.101
	13	46146	46363	46102	45680	45519	45997	46581	45638	45899	45987	45830	46295	100.037
	14	45830	46476	45805	45920	46355	46491	45985	46489	46787	46185	46234	46124	100.516
	15	46470	46085	46796	46101	45939	46665	46340	46071	46638	46257	46155	46100	100.686
	16	47551	46014	46583	46469	46349	46435	45852	46046	45937	45628	46117	46561	100.672
	17	45732	46399	46482	46575	45791	47156	46353	46341	47154	46017	46161	46849	100.938
	18	46653	46759	46649	46486	46125	45690	46516	46311	46249	46236	46605	45884	100.784
	19	46276	46149	46899	47154	46101	46156	46368	46639	46867	46685	46433	46082	101.083
	20	46900	46528	46533	46823	45903	47103	46881	46835	46181	46556	46865	45893	101.299
	21	46187	46390	46728	46842	46919	46218	46385	46810	45937	46420	46280	46441	101.038
	22	46579	46795	46580	46019	46674	46706	46375	46567	46497	46256	46460	45994	101.027
	23	46457	46717	46492	46422	47174	46010	46857	46460	45994	46022	46744	45772	100.958

INAF/UNIromaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - January 2012											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	46516	46365	46951	47014	45998	46443	45960	47114	46569	46005	46777	46502	101.157
	1	46756	46398	46488	46310	46883	45829	46424	46347	46880	46627	46365	46669	101.113
	2	47146	46312	46284	46727	46392	47062	46164	46716	46596	46788	46917	46507	101.409
	3	46458	46533	46612	46884	46716	46637	46246	46520	46414	46683	46296	45985	101.115
	4	46325	46339	46140	46530	45942	46482	46218	46217	46333	46455	46671	46822	100.841
	5	46311	46802	46984	46132	46856	46541	46579	46623	46687	46622	46198	46281	101.229
	6	46561	46165	46279	46418	46111	46063	45933	46499	46302	46377	46338	46647	100.699
	7	46201	46610	46342	46417	46275	46357	46821	46153	46263	46088	46670	46631	100.905
	8	46213	46084	46859	46680	45690	46413	46203	46642	46207	46590	46211	46544	100.816
	9	46407	46284	46191	46605	46536	46386	46173	46861	46936	46366	45910	47035	101.061
	10	47042	46680	46500	46938	46006	46564	45912	46211	46657	46989	46343	46501	101.180
	11	45446	46496	45915	45733	45506	46572	46586	46578	46142	46377	46952	46117	100.469
	12	46640	46360	46556	46475	46734	46189	45766	46220	46492	46356	46395	47146	100.996
	13	46514	46516	45893	45402	46322	45888	45848	46485	45672	45545	45635	47000	100.161
	14	45968	45593	46211	46186	46396	46405	46078	46034	46801	46245	46101	46699	100.522
	15	45988	46014	46703	46799	46338	46098	46404	45806	45748	46145	46095	46142	100.443
	16	46358	46340	46168	46350	46432	45843	45859	45998	46242	46125	45880	45952	100.311
	17	45904	46495	45634	46269	46400	45924	46328	45874	46542	46485	46405	46022	100.444
	18	46142	46283	46543	46668	46900	45657	46554	46785	46265	46529	46457	46397	100.969
	19	46518	46647	45800	46525	46384	45966	46259	45467	46454	45523	46358	46231	100.417
	20	45995	46309	46267	45801	45588	46219	45917	45982	46350	45924	46343	46117	100.177
	21	46256	45801	45896	46722	46242	46330	45683	45759	46047	46114	46690	46301	100.364
	22	46271	46307	46239	46449	46349	46976	45948	45602	46057	46748	45990	45937	100.551
	23	46381	45867	46456	46722	46509	46420	45812	46096	46200	46787	45964	46236	100.656
22	0	46146	46265	45788	46350	45922	46405	46255	46197	46192	46092	45759	46679	100.396
	1	45833	46316	46451	46397	46330	46472	46927	46355	46375	45918	46921	46270	100.858
	2	47038	46188	46033	46076	46137	46365	46168	45714	46159	46642	46531	46330	100.643
	3	46105	46257	46149	46643	46320	46675	45481	46595	46369	45968	46093	45635	100.445
	4	45559	45987	47176	46750	45889	45792	46612	45893	46196	46464	46128	46383	100.543
	5	46259	46935	45879	45961	46574	46235	45849	46277	46016	46557	46290	45965	100.537
	6	46154	46197	46125	45662	45835	45402	45928	46315	46104	46095	45825	45744	99.919
	7	46543	45917	45983	46114	45498	45997	45930	46094	46056	45375	45884	46344	99.983
	8	45629	45923	45818	45706	46022	45878	46194	46205	45552	46103	45995	45974	99.849
	9	45373	46376	45812	45897	45932	46139	46189	46065	45706	46796	46188	46032	100.122
	10	45966	45861	45820	45976	45821	46198	45627	46107	46352	46437	46757	45336	100.077
	11	46150	45901	45809	46110	46200	46460	45917	46482	45976	45994	46700	46461	100.422
	12	46846	46146	46605	46435	46272	46450	46831	46269	46635	46305	46029	46749	101.040
	13	46622	46012	46810	46124	45957	46217	46249	46679	46496	46081	46196	46202	100.691
	14	46568	46022	46448	46797	46336	46748	46499	46240	46347	46727	45992	45991	100.885
	15	46362	46152	46025	46571	46338	46289	46087	46654	45821	45913	45541	46225	100.389
	16	45650	46012	45374	46281	46486	46455	46316	46063	46132	46813	46309	45717	100.322
	17	45824	46509	46243	46216	46414	46266	46127	46039	46082	46413	45804	46462	100.465
	18	45647	46630	46073	46619	46439	46455	46058	46022	46264	46095	46017	46681	100.574
	19	46114	46066	46078	46171	45605	46545	46269	46138	46056	46117	45989	46212	100.276
	20	46024	46257	46199	46278	46395	46529	45832	46582	46319	46194	46385	46167	100.603
	21	46327	46066	46035	45869	46150	46944	46334	45772	46055	46166	46005	45610	100.271
	22	46025	45947	45517	45813	45945	45343	46216	46148	46221	45893	45936	45758	99.806
	23	46288	45717	45809	46086	45781	45587	46112	45722	45611	45589	45924	45736	99.661

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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	45413	46042	46116	45552	46056	45897	46678	45484	45833	46503	46145	46355	100.044
	1	46069	45920	46305	45946	45622	46234	46026	45911	45996	45454	45584	45747	99.815
	2	46230	45846	45993	45874	45255	45779	46326	46167	46672	45805	46526	46089	100.133
	3	46131	45683	45199	45866	46751	45906	46047	46111	45701	45923	46147	46043	99.941
	4	46503	45745	46208	46238	45660	45278	46387	45421	45690	45923	46105	46332	99.938
	5	46215	45992	45876	45276	45118	45761	46049	46161	45706	45643	45747	45432	99.482
	6	46043	45970	46047	45877	45432	45950	46642	45493	46352	45921	46386	45898	100.032
	7	46163	45945	45766	46550	45422	45784	45635	45709	45735	46386	45981	45903	99.846
	8	46379	45679	45022	45198	46163	46089	45855	46271	46544	45836	45966	45704	99.796
	9	45693	46867	46244	45685	45989	45932	46194	46569	46893	45936	46113	45810	100.379
	10	46204	45949	45394	46081	46609	46318	46132	46418	45911	46332	46007	46053	100.285
	11	45842	46584	46551	45925	46484	46160	45749	46754	45982	46522	45593	46637	100.535
	12	46239	45648	45956	46066	46467	45925	46333	45887	46294	46189	46424	46800	100.435
	13	45634	45607	46249	46482	46173	45961	45549	46769	46739	45919	45909	46237	100.253
	14	45593	46544	45891	45428	45679	46372	46454	46401	45732	46019	45570	45821	99.940
	15	45526	45998	46288	46285	45905	46281	45607	45882	45788	44978	45878	45913	99.728
	16	46086	46353	46057	45948	45660	45532	45895	46734	45485	45667	46356	45947	99.979
	17	46712	46198	45843	46026	45891	45992	45922	45442	46247	45592	46393	46408	100.151
	18	46191	45511	46690	46249	45875	46182	45903	46033	46140	45854	45639	46254	100.125
	19	45792	45698	45707	46644	45969	46131	46442	45579	45915	45291	45513	46135	99.816
	20	45776	45218	45282	45914	45767	46028	45786	46079	45775	45625	45587	45542	99.374
	21	45767	45481	46015	45439	45569	46241	45417	46264	45752	46187	46053	46005	99.702
	22	46032	45447	46059	46090	45852	46456	45915	46156	45806	45881	45430	45709	99.818
	23	45745	46255	45550	46546	46504	46097	45968	46003	45752	46636	46097	46213	100.278
24	0	45948	46867	46025	46001	46095	46030	46035	45737	46143	45860	46588	46063	100.279
	1	45715	46141	46362	45889	46160	45969	46169	46386	46007	45945	46302	46011	100.222
	2	45967	46585	46057	45800	46236	46189	46157	45983	45957	45824	46232	46423	100.286
	3	46573	46164	46142	46104	46454	45951	46730	46777	46488	46907	46794	46368	101.018
	4	46476	46275	45682	46419	46229	46492	46547	46124	46378	46739	46563	46574	100.845
	5	46502	46200	47052	47057	46677	46063	46585	46472	45916	46428	47055	46466	101.203
	6	46136	46310	46392	46390	46834	46191	46386	46349	47002	46047	46278	46056	100.822
	7	46685	46587	46815	46434	46071	46379	46197	45703	47299	46211	46762	46189	100.997
	8	46126	45997	46451	46151	46475	46589	46333	46427	46161	46462	45787	47047	100.756
	9	46667	46576	46317	46577	46232	46126	46456	46513	46580	47081	46741	46324	101.152
	10	46427	46419	46054	46081	46218	46137	46869	46219	46979	46734	46642	46447	100.978
	11	46547	46456	46686	46029	46291	46100	46129	46526	46491	46468	46267	46962	100.928
	12	46457	46407	46390	46327	46298	46627	46365	46249	46543	46178	45942	46203	100.753
	13	46589	46372	46182	46579	46046	46275	46569	46063	46449	46319	46088	46876	100.829
	14	46858	46480	46193	46883	46167	46778	45987	45904	45973	46236	45807	46712	100.751
	15	46332	45695	46643	46696	46107	45565	46325	46041	45432	45385	46173	45990	100.100
	16	46184	45851	46236	45835	45884	45010	45426	45739	45609	45898	45991	46334	99.667
	17	45640	45647	45260	45538	45464	45350	45568	45454	45848	45615	45726	46013	99.146
	18	46327	45611	46013	45348	45941	45898	45375	46283	45921	45401	45708	45715	99.585
	19	45859	45600	45599	45553	45754	45550	45369	45381	45551	45311	45570	45618	99.073
	20	45717	44996	45555	45333	45750	45504	45792	45441	45158	45120	45671	45630	98.883
	21	45332	45207	45322	45669	45391	45639	45264	45208	45343	45594	45389	44987	98.643
	22	45573	45991	45343	45349	44873	45715	45556	45726	45122	46181	45782	45144	99.008
	23	45131	45757	45762	45024	45539	45168	45409	45702	45378	44770	45455	44732	98.549

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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	45784	44877	45205	45608	45188	45512	45193	45824	45403	45452	45878	45709	98.881
	1	45836	45189	45399	44995	45245	44860	45991	45260	45293	45184	45798	45662	98.710
	2	46064	45931	46014	45562	45986	45242	45551	45766	45808	45691	45317	45822	99.442
	3	44902	45127	45047	45598	45795	45830	45670	44984	46203	45345	45806	45730	98.950
	4	45817	46017	45213	45632	45640	45895	45136	45814	45791	45564	45939	45869	99.365
	5	45807	45298	46175	45850	44963	45431	45697	45892	45966	45717	45755	46295	99.458
	6	45471	45770	46082	45696	45539	46121	45290	45034	45603	45244	45625	45721	99.160
	7	45668	45555	45777	46044	46082	46126	45546	46046	45307	45696	46036	45546	99.564
	8	44999	46060	45997	45608	45836	45783	45939	46217	46060	46181	46189	46129	99.849
	9	46220	46124	46635	45611	46487	46201	45469	46428	45627	46016	46477	45889	100.245
	10	46294	46211	46945	46386	45499	46117	45853	46067	45956	45740	45711	46257	100.218
	11	46116	45785	45669	45993	45613	45683	45829	46544	45648	46018	45697	45743	99.729
	12	46077	45304	45639	45490	45682	46118	45983	46277	45808	46610	45489	46014	99.757
	13	45951	46188	45122	46276	45707	45244	45823	45213	45859	45632	46236	45594	99.458
	14	45679	45781	46738	44827	45621	45566	46034	46138	45577	45491	45727	45438	99.417
	15	45621	45410	45687	45481	45178	44909	45644	45324	45125	45367	45583	45789	98.783
	16	45348	44921	45478	45269	45682	46165	45899	45927	45569	45698	45384	46168	99.215
	17	45332	45410	45964	45823	45955	45981	45676	45647	45090	45238	45639	45974	99.256
	18	45642	45283	45900	45508	46025	44926	45591	45444	46261	45624	45149	45897	99.169
	19	45527	45457	46057	45295	45522	44982	45373	45587	45713	45329	45937	45269	98.952
	20	46251	45340	45541	45377	45146	45779	45165	45730	45664	45658	45259	45875	99.085
	21	46140	45510	45768	45616	45663	45578	45927	45657	46140	45761	45726	46022	99.579
	22	45065	45797	45421	45380	45870	45753	45872	46071	45681	45547	45818	46010	99.356
	23	45866	46056	45092	46040	45800	45696	45360	45687	45616	45839	45985	45220	99.352
26	0	46230	45908	46023	45830	45863	45403	46009	46094	45571	45720	45822	45277	99.621
	1	45748	45461	45776	45656	44513	45802	45599	46306	45481	45627	45738	46109	99.272
	2	45559	45637	45797	46430	46175	46044	45582	45452	45522	45150	45393	45483	99.346
	3	46178	45144	46014	45610	45643	44978	46216	45984	46333	45567	45876	45889	99.565
	4	45865	45599	45356	45319	45487	45601	45677	45228	45289	45607	45334	45602	98.937
	5	45195	45744	44962	45405	45546	46178	45462	45466	45494	45075	45041	46137	98.889
	6	46203	45392	45564	45121	45664	45044	45388	45069	45412	45157	45604	45569	98.796
	7	46234	45816	45774	45821	45937	45883	45973	45379	45766	44999	46257	46586	99.745
	8	45695	46180	45957	45857	46018	45244	46154	45539	45819	46102	45156	46266	99.665
	9	45952	46547	46653	45540	46297	45240	46041	46395	45828	45408	46192	45738	100.000
	10	45751	45764	45832	45944	45327	46015	46072	45904	45772	45771	46732	46138	99.853
	11	45694	45581	46445	45865	45927	45575	46547	46641	45822	45921	46170	45696	100.009
	12	45474	46337	46427	46032	45940	46172	46017	45448	46119	45976	46477	45964	100.100
	13	45758	46029	45784	45272	46075	45936	45956	45873	46092	46012	46266	45846	99.831
	14	45856	46036	46193	46454	45721	45698	45695	45539	45314	45747	45859	45310	99.563
	15	45687	45360	46099	45770	46132	46701	46157	46170	45582	45485	45927	45965	99.855
	16	45439	45703	45372	45550	46113	45922	45493	45818	45265	46059	46133	45904	99.445
	17	45787	46508	45983	46287	44690	45674	45584	45267	45708	45802	45355	45615	99.353
	18	45620	44849	45514	45819	45908	44907	45285	45729	45047	45593	46067	45295	98.877
	19	45489	45785	45575	44709	45597	46129	45188	45253	45893	46364	45438	45888	99.180
	20	45445	45288	45282	44555	45136	45315	45250	45950	45047	45609	45338	45307	98.494
	21	45140	45214	44986	44856	44957	45358	45061	44647	44869	44801	46013	45353	98.083
	22	45346	45197	45559	44965	45113	45012	45170	45151	45074	45126	45571	45258	98.316
	23	44683	44785	44957	45326	45404	45633	45060	45365	44849	44757	45194	45326	98.098

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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
27	0	44489	44971	45558	45344	44904	45120	44753	45307	45255	45282	45373	45247	98.150
	1	45742	46164	45170	45094	44916	45260	44998	45067	45223	45614	45450	44720	98.475
	2	45116	45607	45749	45174	45195	44723	45375	45621	45103	45764	45558	45482	98.665
	3	45847	45720	45324	46106	45098	45636	45176	45331	45628	45358	44853	45535	98.873
	4	44983	45205	45559	45315	45888	45079	45998	45691	44791	45998	45832	45283	98.874
	5	45760	45790	45456	45219	45371	45971	45836	46512	46195	45320	45512	45220	99.335
	6	45506	45606	45294	45369	45580	46197	45282	46124	44943	45267	45860	45956	99.121
	7	45673	45387	45723	45983	45972	45724	45117	46399	45920	46409	45571	45424	99.542
	8	45583	45437	45624	45268	45900	45549	45477	45555	45784	45852	45827	45912	99.263
	9	45330	45528	45646	45261	45549	46339	45717	45458	45969	46037	45540	46171	99.404
	10	45766	45584	45724	46491	46073	45421	46121	46663	45660	45807	46120	46090	99.943
	11	46166	45675	46445	46171	46268	46153	46426	46356	45656	45765	46248	46711	100.400
	12	45326	46300	46156	46113	46402	46346	46589	45834	46298	46523	46457	46188	100.490
	13	45634	46394	46502	46409	45609	46021	46337	46152	46506	46176	46156	45971	100.369
	14	46416	45546	45650	46253	46477	45687	46251	46267	45849	45996	45908	45925	100.071
	15	46269	45924	45676	45768	46151	45913	45649	46010	45531	45724	45941	46549	99.868
	16	46145	46508	46393	46449	46007	46327	45959	45537	46071	45661	45249	45691	100.030
	17	45997	46157	45449	46046	45495	45986	45683	45094	45562	45972	46243	45608	99.540
	18	45782	45399	45990	45199	45204	45712	45398	45734	45549	46015	45879	46346	99.343
	19	45582	45708	45793	46239	45741	45951	46562	44926	45606	45968	45909	45713	99.613
	20	45345	45553	45980	45923	45064	45843	45807	45660	45138	45396	45463	45287	99.026
	21	45182	45960	45281	45619	46415	45714	45423	45528	45505	44995	45195	45853	99.064
	22	45537	45333	45836	45700	45074	44841	44882	45680	45727	45774	45395	45526	98.817
	23	45644	45559	45591	45550	45486	44828	45368	46008	45792	45684	45670	45541	99.074
28	0	45831	45390	45789	45560	46585	45159	45599	45656	45717	45171	45390	45554	99.199
	1	45546	45606	45478	45557	45623	45376	45565	45411	44627	45467	45716	45757	98.894
	2	45360	45407	45665	45280	45580	45196	45456	45083	45179	45597	45434	45485	98.712
	3	45267	45970	45116	46018	45229	46279	45437	45640	45637	45451	45895	45344	99.176
	4	45190	45951	46437	45544	46078	45854	44847	45275	45461	46017	45670	45689	99.308
	5	45619	45146	45693	45307	45497	45618	46016	45533	44910	45267	44847	45450	98.744
	6	45552	45907	46147	45437	45378	45822	45294	45686	45510	45304	45404	45182	99.056
	7	45367	45748	45223	45828	45870	45829	45752	45116	46120	45932	45718	45467	99.300
	8	44863	45591	45515	44846	45385	45846	45305	45420	45904	45940	45261	45541	98.837
	9	45685	45479	45857	45171	46174	46215	45868	45779	45772	45633	45756	45810	99.523
	10	45724	45733	46012	45529	45742	45859	45911	45962	45491	45515	45564	45350	99.376
	11	46230	45946	46022	46284	46138	45942	45990	45727	45906	45452	45958	45388	99.845
	12	46095	46672	45563	45905	44837	45790	45590	45975	46216	45374	45838	45602	99.569
	13	46178	45447	46269	45869	45716	46164	45911	46313	45814	46065	46791	45637	100.062
	14	45755	45301	46150	45693	45330	45285	46151	45914	45965	46120	45547	46014	99.527
	15	45450	45640	46155	44804	45667	46406	45890	45612	45581	45194	45870	46006	99.355
	16	45188	45926	45353	45677	46463	45437	45355	45728	45887	45390	46073	45729	99.343
	17	45505	45607	45782	45355	45603	45462	45904	45693	46224	45160	45613	45187	99.141
	18	46170	45148	45072	45840	46291	45638	46109	45433	45701	45233	45572	45973	99.338
	19	45748	44804	45147	45612	45867	45436	45808	46167	45667	45228	45344	45773	99.052
	20	45516	45029	45584	45393	45730	45355	45468	45543	45694	45689	46086	45067	98.971
	21	45775	45394	45261	45660	45692	44579	45471	46430	45911	45387	45581	45823	99.118
	22	45409	45371	45311	45584	46034	45365	44846	44939	45387	45527	44572	45743	98.596
	23	45849	45593	45421	45802	45708	45399	45563	45372	45611	45570	45931	45234	99.134

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
29	0	45705	44932	45014	45763	45549	45598	45835	45260	45700	44871	45666	44700	98.684
	1	45177	46159	45691	45488	45135	45715	45873	45916	45817	45960	45056	45656	99.240
	2	46277	45632	45956	46214	45312	45600	46067	45134	45678	45906	45879	45710	99.552
	3	45003	45288	45418	45779	46122	45531	45410	45959	45458	45911	45752	46020	99.242
	4	45457	45605	45887	45879	45921	46232	45290	45757	45976	45306	45344	45137	99.267
	5	45524	45874	45641	45525	45678	45319	44768	45793	45759	45515	45410	45832	99.058
	6	45946	45605	45800	45954	45617	45861	46093	45655	45707	45537	45538	45564	99.465
	7	45508	45762	45631	45958	46084	45919	45623	46187	46481	45927	46260	45697	99.856
	8	46027	45525	45892	45932	45872	45945	46182	45989	45835	45748	45567	45694	99.705
	9	46282	46010	45879	46010	46241	45931	46124	45480	46224	46088	46425	46249	100.201
	10	45882	45794	46313	46043	46347	46222	45860	46356	46568	46274	46684	46415	100.531
	11	46175	45954	46479	46057	46212	46465	46068	45875	46034	46401	45628	46962	100.449
	12	45304	46108	46211	46537	46288	45797	45906	45716	46323	46147	46358	46799	100.301
	13	45917	46407	46542	45404	46035	46343	46101	45799	45390	46271	46532	45884	100.144
	14	46302	45829	46749	45723	46141	46115	46248	46172	45858	46585	45813	46185	100.342
	15	46248	45855	46060	45893	46406	45844	45952	45967	45797	45944	46531	45946	100.110
	16	45953	46375	46633	45711	45730	46447	46144	45955	45749	46345	46791	46575	100.467
	17	45951	46029	46392	46131	45851	45445	45580	46315	45712	45946	45672	45747	99.808
	18	45999	46350	45972	45968	45768	46210	45691	46128	46453	44981	46090	46064	99.971
	19	45469	46232	45660	46307	45263	45414	46161	46266	46613	45165	45745	45632	99.654
	20	45791	46474	45545	45640	46257	45243	45960	46232	45246	45514	45456	45292	99.423
	21	45700	45990	45309	45649	46193	44945	45703	45180	45375	45401	45018	45546	98.945
	22	45612	45701	45830	45619	46410	45634	45872	45543	46488	45496	44964	45480	99.423
	23	45408	45493	45605	45597	45364	45253	45955	46016	45398	45124	45727	45256	98.978
30	0	46030	45141	45204	45038	45320	45733	45247	45553	45042	45545	45263	45394	98.672
	1	45242	45057	45331	44723	45320	45550	45495	45396	45674	45387	45932	44926	98.587
	2	45555	45351	45508	45610	45073	46125	44900	44937	45392	45245	44981	45140	98.547
	3	45304	45248	45343	44972	45471	45324	45447	45219	45631	45178	45203	44760	98.417
	4	45138	46292	45416	46140	45420	44892	45953	45614	45250	45377	46143	45309	99.114
	5	45964	45638	45645	45643	45113	46225	45363	45655	45504	45692	46508	45849	99.450
	6	45902	45473	45988	45447	46179	45602	45931	45101	45350	45297	46064	45947	99.356
	7	45561	46432	45875	45431	45243	45548	45997	46388	45680	45758	45501	45885	99.541
	8	45862	45371	45995	45550	45138	45872	45259	45990	45851	46021	45691	45660	99.352
	9	45211	46166	45531	45518	46162	46114	46187	45539	45904	45976	45429	45628	99.553
	10	45326	45445	45473	46360	45949	45859	45715	45523	45784	45796	46218	46249	99.613
	11	46317	45856	46289	46233	46201	45392	45941	45494	45725	46221	45825	45253	99.803
	12	45724	45782	45674	46261	46542	45857	46177	45841	46166	45582	46069	45875	99.949
	13	46217	45849	46459	45741	46082	46528	46193	46015	46009	45483	46745	45801	100.233
	14	46255	46060	45265	45788	45727	45935	45590	45219	45730	45411	45787	46563	99.546
	15	45741	45666	45677	45831	45270	46408	45557	46207	45980	45904	45579	45658	99.573
	16	46133	46023	45969	45776	46167	45947	45994	46091	45963	46354	45919	45490	99.999
	17	45640	45772	45940	46196	46212	45885	46519	45829	45477	45248	45790	45258	99.626
	18	45818	45531	45286	46218	46091	45819	45633	46673	46068	45565	45492	45442	99.602
	19	46111	46027	46253	46692	45823	45817	45987	46010	45513	45939	46145	45490	99.996
	20	45446	45435	46023	45307	45858	46027	45705	45136	45449	45950	45478	45184	99.124
	21	45883	45691	45376	45983	45852	45417	44962	45436	45256	45526	45700	45731	99.090
	22	45856	45702	45641	46227	45073	45502	45858	44927	45854	44896	45573	45361	99.028
	23	45501	45579	45162	45105	44906	45422	45007	44615	45480	44973	45379	44813	98.207

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – January 2012											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
31	0	45581	45015	44957	45059	45168	45242	45049	45432	44885	44940	44639	44977	98.029
	1	45369	44794	45259	45513	45501	45545	45357	44254	45356	45625	45044	45201	98.366
	2	45605	44733	44962	45843	45933	45868	45311	45706	45752	45455	45134	45413	98.891
	3	45911	45796	45549	44860	45921	45346	44795	45571	45415	44949	45420	45150	98.704
	4	45091	44985	45222	44906	44991	44797	45792	45559	45334	45503	44583	45841	98.328
	5	44648	45498	45120	45546	45499	45585	45476	45099	45691	45373	45175	45565	98.630
	6	45165	44940	45754	45464	44798	45923	45597	45230	44965	45043	45275	45182	98.461
	7	45837	46126	46016	45016	45727	45717	45200	45412	45537	45569	45171	44525	98.917
	8	45720	45622	45020	45706	46132	45504	45952	45710	45937	45394	45341	46355	99.377
	9	45753	45603	46240	45772	45262	46007	46342	45090	45890	45978	45920	46067	99.654
	10	45502	45780	46185	45719	45457	46267	45918	46031	45965	45206	45592	45335	99.479
	11	45847	45499	45175	45668	45947	45542	46292	46137	45860	45650	45453	45809	99.465
	12	45420	45275	45681	45521	45646	44930	45456	45325	46218	44962	45759	45656	98.916
	13	45471	45226	45921	44835	45049	45782	45311	45610	45201	45375	45268	45842	98.742
	14	45650	44719	45570	45347	44841	44809	45445	45191	45373	45351	45482	44718	98.308
	15	45097	45132	45228	45399	45496	44187	45161	45435	45245	45203	44855	44806	98.081
	16	45589	44851	45247	44859	44963	44617	45252	44817	44609	45433	45115	44693	97.864
	17	44727	44532	44949	45018	44447	44875	45288	44606	44850	44287	44510	45137	97.353
	18	44345	44779	45501	44550	45191	44602	44776	44553	44303	44539	44774	44931	97.283
	19	44821	45170	44945	44558	44483	44564	44087	44538	44941	44530	44767	44636	97.138
	20	44126	44257	44894	44642	44087	44710	43885	44415	44510	44133	43700	44221	96.330
	21	44371	44068	44415	44358	44449	44764	44406	44237	44105	44330	44170	44495	96.437
	22	43967	43915	44402	44199	44577	44924	44653	44660	44901	44701	44197	44644	96.722
	23	44682	44420	43882	44061	44331	44460	44671	44559	44430	44272	44287	44488	96.505

S.V.I.R.CO. Observatory - Pressure in hectoPascal - January 2012

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9		1023.23	1023.21	1023.25	1023.29	1023.30	1023.26	1023.25	1023.26	1023.26	1023.25	1023.19		1023.25
10	1023.09	1023.02	1022.97	1022.91	1022.82	1022.75	1022.71	1022.62	1022.51	1022.43	1022.35	1022.25		1022.70
11	1022.18	1022.15	1022.06	1021.96	1021.92	1021.91	1021.87	1021.80	1021.74	1021.66	1021.59	1021.51		1021.86
12	1021.45	1021.42	1021.40	1021.36	1021.28	1021.21	1021.21	1021.17	1021.12	1021.09	1021.05	1021.04		1021.23
13	1021.01	1020.96	1020.95	1020.91	1020.87	1020.84	1020.81	1020.77	1020.71	1020.63	1020.57	1020.53		1020.79
14	1020.50	1020.47	1020.44	1020.41	1020.38	1020.33	1020.30	1020.29	1020.31	1020.34	1020.36	1020.42		1020.38
15	1020.44	1020.38	1020.31	1020.25	1020.21	1020.21	1020.21	1020.18	1020.14	1020.11	1020.10	1020.13		1020.22
16	1020.18	1020.19	1020.15	1020.10	1020.08	1020.06	1020.02	1019.99	1020.00	1020.04	1020.07	1020.11		1020.08
17	1020.12	1020.10	1020.08	1020.04	1020.00	1019.93	1019.84	1019.79	1019.73	1019.68	1019.66	1019.65		1019.88
18	1019.66	1019.67	1019.68	1019.71	1019.75	1019.76	1019.76	1019.77	1019.78	1019.78	1019.79	1019.75		1019.74
19	1019.68	1019.62	1019.58	1019.58	1019.59	1019.58	1019.55	1019.49	1019.43	1019.38	1019.34	1019.31		1019.51
20	1019.27	1019.22	1019.19	1019.14	1019.10	1019.07	1018.99	1018.88	1018.78	1018.70	1018.65	1018.62		1018.97
21	1018.63	1018.62	1018.59	1018.59	1018.59	1018.54	1018.53	1018.55	1018.54	1018.51	1018.50	1018.47		1018.55
22	1018.42	1018.33	1018.26	1018.21	1018.15	1018.11	1018.07	1017.96	1017.84	1017.77	1017.66	1017.54		1018.02
23	1017.46	1017.40	1017.30	1017.18	1017.09	1017.01	1016.92	1016.83	1016.75	1016.65	1016.53	1016.46		1016.96

S.V.I.R.CO. Observatory - Pressure in hectoPascal – January 2012

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	1016.43	1016.38	1016.33	1016.30	1016.23	1016.23	1016.25	1016.30	1016.34	1016.30	1016.31	1016.32	1016.30
	1	1016.38	1016.46	1016.51	1016.69	1016.83	1016.81	1016.71	1016.76	1016.85	1016.82	1016.77	1016.75	1016.69
	2	1016.81	1016.80	1016.77	1016.76	1016.72	1016.68	1016.64	1016.59	1016.46	1016.33	1016.34	1016.44	1016.61
	3	1016.52	1016.55	1016.57	1016.63	1016.62	1016.57	1016.52	1016.42	1016.36	1016.38	1016.46	1016.52	1016.51
	4	1016.48	1016.44	1016.49	1016.54	1016.58	1016.64	1016.64	1016.64	1016.65	1016.63	1016.62	1016.63	1016.58
	5	1016.66	1016.73	1016.81	1016.87	1016.89	1016.89	1016.93	1016.98	1016.97	1016.97	1016.94	1016.90	1016.88
	6	1016.87	1016.88	1016.96	1017.07	1017.13	1017.15	1017.18	1017.20	1017.22	1017.31	1017.44	1017.52	1017.16
	7	1017.57	1017.67	1017.79	1017.89	1017.97	1018.06	1018.19	1018.29	1018.38	1018.44	1018.45	1018.50	1018.10
	8	1018.55	1018.55	1018.62	1018.75	1018.87	1018.92	1018.95	1018.99	1018.99	1019.04	1019.11	1019.19	1018.88
	9	1019.29	1019.41	1019.57	1019.68	1019.74	1019.79	1019.83	1019.86	1019.92	1019.97	1019.97	1019.97	1019.75
	10	1019.99	1019.98	1019.96	1019.96	1019.96	1019.95	1019.93	1019.95	1019.96	1019.95	1019.94	1019.93	1019.95
	11	1019.94	1019.91	1019.88	1019.88	1019.90	1019.89	1019.86	1019.79	1019.76	1019.76	1019.74	1019.70	1019.83
	12	1019.69	1019.69	1019.70	1019.73	1019.78	1019.82	1019.86	1019.88	1019.83	1019.81	1019.88	1019.92	1019.80
	13	1019.96	1020.01	1019.98	1019.99	1020.06	1020.10	1020.08	1020.06	1020.11	1020.22	1020.32	1020.39	1020.11
	14	1020.43	1020.45	1020.48	1020.52	1020.58	1020.66	1020.69	1020.76	1020.85	1020.93	1020.98	1021.04	1020.70
	15	1021.10	1021.14	1021.19	1021.27	1021.33	1021.36	1021.41	1021.49	1021.54	1021.56	1021.62	1021.69	1021.39
	16	1021.76	1021.80	1021.81	1021.83	1021.89	1021.95	1022.03	1022.09	1022.14	1022.20	1022.28	1022.37	1022.01
	17	1022.46	1022.53	1022.60	1022.69	1022.76	1022.77	1022.77	1022.77	1022.79	1022.88	1022.97	1023.04	1022.75
	18	1023.10	1023.15	1023.21	1023.23	1023.23	1023.24	1023.27	1023.30	1023.33	1023.34	1023.32	1023.27	1023.25
	19	1023.23	1023.24	1023.24	1023.23	1023.24	1023.24	1023.26	1023.28	1023.29	1023.30	1023.30	1023.29	1023.26
	20	1023.31	1023.31	1023.29	1023.25	1023.23	1023.27	1023.30	1023.30	1023.31	1023.33	1023.36	1023.37	1023.30
	21	1023.39	1023.42	1023.43	1023.42	1023.42	1023.44	1023.44	1023.42	1023.41	1023.40	1023.40	1023.41	1023.41
	22	1023.44	1023.45	1023.39	1023.31	1023.30	1023.30	1023.28	1023.27	1023.24	1023.20	1023.15	1023.11	1023.28
	23	1023.09	1023.09	1023.11	1023.13	1023.13	1023.07	1023.00	1022.95	1022.91	1022.88	1022.83	1022.87	1023.00
4	0	1022.85	1022.84	1022.81	1022.85	1022.88	1022.85	1022.85	1022.87	1022.87	1022.87	1022.88	1022.84	1022.85
	1	1022.76	1022.70	1022.66	1022.64	1022.66	1022.70	1022.71	1022.72	1022.72	1022.73	1022.73	1022.71	1022.70
	2	1022.72	1022.76	1022.77	1022.78	1022.78	1022.73	1022.67	1022.65	1022.61	1022.58	1022.55	1022.50	1022.67
	3	1022.45	1022.39	1022.32	1022.27	1022.23	1022.19	1022.19	1022.21	1022.20	1022.17	1022.16	1022.16	1022.24
	4	1022.15	1022.10	1022.06	1022.07	1022.11	1022.13	1022.12	1022.09	1022.07	1022.03	1021.99	1021.96	1022.07
	5	1021.94	1021.92	1021.90	1021.89	1021.86	1021.83	1021.85	1021.85	1021.84	1021.83	1021.82	1021.81	1021.86
	6	1021.78	1021.74	1021.69	1021.68	1021.66	1021.61	1021.59	1021.56	1021.54	1021.50	1021.43	1021.39	1021.60
	7	1021.35	1021.31	1021.31	1021.33	1021.27	1021.18	1021.15	1021.10	1021.06	1021.08	1021.08	1021.08	1021.19
	8	1021.07	1021.03	1021.01	1020.99	1020.99	1021.00	1021.02	1021.00	1020.99	1020.95	1020.87	1020.81	1020.98
	9	1020.78	1020.75	1020.74	1020.76	1020.72	1020.63	1020.57	1020.51	1020.40	1020.30	1020.22	1020.15	1020.54
	10	1020.06	1019.97	1019.90	1019.80	1019.65	1019.53	1019.48	1019.38	1019.27	1019.18	1019.10	1019.02	1019.53
	11	1018.95	1018.84	1018.67	1018.57	1018.57	1018.52	1018.43	1018.34	1018.21	1018.04	1017.90	1017.85	1018.41
	12	1017.76	1017.62	1017.54	1017.47	1017.46	1017.46	1017.39	1017.28	1017.17	1017.02	1016.91	1016.94	1017.33
	13	1016.86	1016.69	1016.64	1016.61	1016.45	1016.33	1016.29	1016.18	1016.03	1015.92	1015.87	1015.84	1016.31
	14	1015.80	1015.77	1015.76	1015.77	1015.68	1015.53	1015.46	1015.46	1015.48	1015.45	1015.39	1015.39	1015.58
	15	1015.36	1015.27	1015.18	1015.14	1015.09	1015.00	1014.94	1014.98	1015.02	1014.96	1014.90	1014.90	1015.06
	16	1014.88	1014.80	1014.74	1014.77	1014.80	1014.74	1014.68	1014.67	1014.70	1014.74	1014.77	1014.82	1014.76
	17	1014.84	1014.82	1014.76	1014.73	1014.72	1014.69	1014.71	1014.72	1014.66	1014.66	1014.66	1014.64	1014.72
	18	1014.59	1014.51	1014.49	1014.52	1014.53	1014.46	1014.43	1014.52	1014.64	1014.69	1014.67	1014.60	1014.55
	19	1014.61	1014.69	1014.73	1014.71	1014.66	1014.56	1014.49	1014.46	1014.48	1014.56	1014.60	1014.66	1014.60
	20	1014.64	1014.50	1014.44	1014.48	1014.49	1014.49	1014.51	1014.52	1014.51	1014.49	1014.50	1014.49	1014.50
	21	1014.49	1014.52	1014.58	1014.55	1014.34	1014.21	1014.19	1014.19	1014.13	1014.09	1014.21	1014.34	1014.32
	22	1014.34	1014.32	1014.40	1014.57	1014.76	1014.91	1014.89	1014.80	1014.76	1014.84	1014.93	1014.90	1014.70
	23	1014.89	1014.94	1014.93	1014.95	1015.01	1015.03	1015.05	1015.07	1015.11	1015.14	1015.15	1015.26	1015.04

S.V.I.R.CO. Observatory - Pressure in hectoPascal – January 2012

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
5	0	1015.47	1015.50	1015.55	1015.52	1015.52	1015.61	1015.73	1015.86	1015.94	1016.05	1016.14	1016.17	1015.77
	1	1016.20	1016.20	1016.13	1016.00	1015.84	1015.81	1015.80	1015.64	1015.53	1015.49	1015.44	1015.39	1015.79
	2	1015.34	1015.26	1015.19	1015.11	1015.09	1015.15	1015.18	1015.11	1014.99	1014.86	1014.75	1014.69	1015.06
	3	1014.65	1014.60	1014.54	1014.56	1014.61	1014.72	1014.82	1014.77	1014.61	1014.54	1014.63	1014.65	1014.64
	4	1014.62	1014.54	1014.37	1014.29	1014.46	1014.59	1014.54	1014.51	1014.55	1014.60	1014.61	1014.67	1014.53
	5	1014.85	1015.04	1015.06	1014.95	1014.75	1014.45	1014.33	1014.34	1014.40	1014.44	1014.46	1014.46	1014.63
	6	1014.51	1014.60	1014.63	1014.73	1014.69	1014.49	1014.35	1014.22	1014.06	1014.07	1014.12	1014.14	1014.38
	7	1014.18	1014.14	1014.10	1014.14	1014.24	1014.22	1014.09	1013.94	1013.83	1013.77	1013.45	1013.31	1013.95
	8	1013.51	1013.61	1013.48	1013.26	1013.24	1013.40	1013.49	1013.65	1013.90	1013.89	1013.81	1013.86	1013.59
	9	1013.82	1013.78	1013.79	1013.75	1013.59	1013.47	1013.49	1013.43	1013.29	1013.26	1013.18	1013.07	1013.49
	10	1013.12	1013.16	1013.12	1012.96	1012.81	1012.73	1012.54	1012.37	1012.15	1011.77	1011.61	1011.67	1012.50
	11	1011.61	1011.50	1011.34	1011.21	1011.09	1010.83	1010.64	1010.53	1010.28	1010.11	1010.04	1009.98	1010.76
	12	1009.98	1009.90	1009.74	1009.56	1009.34	1009.20	1009.14	1009.02	1008.91	1008.82	1008.76	1008.79	1009.26
	13	1008.86	1008.84	1008.76	1008.63	1008.45	1008.21	1008.01	1007.86	1007.64	1007.44	1007.31	1007.16	1008.10
	14	1007.02	1006.88	1006.72	1006.67	1006.52	1006.38	1006.30	1006.07	1006.03	1006.25	1006.25	1006.05	1006.43
	15	1005.92	1005.83	1005.63	1005.30	1005.03	1005.00	1005.18	1005.13	1004.64	1004.29	1004.14	1003.85	1004.99
	16	1003.60	1003.45	1003.43	1003.47	1003.39	1003.11	1002.76	1002.45	1002.21	1002.20	1002.23	1002.18	1002.87
	17	1002.19	1002.21	1002.06	1001.84	1001.68	1001.55	1001.51	1001.31	1001.05	1001.02	1000.86	1000.60	1001.49
	18	1000.48	1000.28	1000.11	1000.07	1000.05	1000.00	999.93	999.79	999.61	999.42	999.40	999.63	999.89
	19	999.66	999.44	999.13	998.86	998.70	998.46	998.19	998.11	998.11	998.00	997.83	997.77	998.52
	20	997.85	997.85	997.67	997.53	997.44	997.37	997.33	997.44	997.51	997.38	997.26	997.16	997.48
	21	997.05	996.94	996.84	996.82	996.68	996.42	996.34	996.36	996.30	996.17	996.13	996.09	996.51
	22	995.94	995.89	995.88	995.76	995.61	995.54	995.40	995.20	995.17	995.17	995.18	995.08	995.48
	23	994.98	994.89	994.76	994.57	994.35	994.27	994.10	993.91	993.75	993.62	993.49	993.27	994.16
6	0	993.12	993.03	992.93	992.83	992.70	992.67	992.73	993.00	993.53	993.32	992.69	992.63	992.92
	1	992.72	993.07	993.85	994.19	994.12	993.91	993.10	992.63	992.48	992.61	993.12	993.22	993.25
	2	993.43	993.78	993.96	993.98	993.87	993.86	994.05	994.10	994.00	993.89	993.83	993.77	993.87
	3	993.86	994.03	994.09	994.11	994.21	994.34	994.38	994.47	994.49	994.50	994.56	994.60	994.30
	4	994.66	994.72	994.78	994.82	994.88	994.97	995.07	995.14	995.21	995.32	995.42	995.44	995.03
	5	995.59	995.89	996.05	996.06	996.08	996.17	996.34	996.47	996.57	996.66	996.70	996.76	996.28
	6	996.80	996.80	996.80	996.77	996.77	996.90	997.06	997.20	997.35	997.47	997.55	997.61	997.09
	7	997.72	997.84	997.98	998.10	998.15	998.21	998.27	998.36	998.47	998.57	998.64	998.63	998.24
	8	998.62	998.64	998.70	998.80	998.96	999.11	999.21	999.28	999.27	999.29	999.34	999.36	999.05
	9	999.38	999.41	999.42	999.43	999.47	999.51	999.56	999.60	999.54	999.49	999.49	999.62	999.49
	10	999.78	999.81	999.81	999.75	999.69	999.78	999.84	999.86	999.94	1000.03	1000.16	1000.27	999.89
	11	1000.33	1000.37	1000.45	1000.56	1000.61	1000.64	1000.76	1000.86	1000.91	1000.96	1001.00	1001.05	1000.71
	12	1001.11	1001.10	1001.03	1001.02	1001.05	1001.15	1001.26	1001.28	1001.35	1001.48	1001.60	1001.73	1001.26
	13	1001.88	1001.97	1002.03	1002.14	1002.22	1002.28	1002.39	1002.58	1002.67	1002.68	1002.71	1002.77	1002.36
	14	1002.93	1003.10	1003.14	1003.19	1003.32	1003.40	1003.48	1003.59	1003.68	1003.64	1003.63	1003.72	1003.40
	15	1003.84	1003.99	1004.16	1004.32	1004.42	1004.48	1004.60	1004.71	1004.77	1004.85	1004.98	1005.12	1004.52
	16	1005.18	1005.26	1005.34	1005.34	1005.37	1005.42	1005.53	1005.67	1005.79	1005.93	1006.03	1006.09	1005.58
	17	1006.16	1006.27	1006.39	1006.45	1006.49	1006.57	1006.64	1006.71	1006.75	1006.84	1006.97	1007.08	1006.61
	18	1007.17	1007.30	1007.44	1007.53	1007.60	1007.65	1007.75	1007.86	1007.95	1008.05	1008.17	1008.24	1007.72
	19	1008.36	1008.51	1008.56	1008.62	1008.70	1008.72	1008.73	1008.79	1008.82	1008.83	1008.88	1008.96	1008.70
	20	1009.06	1009.19	1009.23	1009.21	1009.25	1009.31	1009.29	1009.27	1009.31	1009.31	1009.30	1009.38	1009.26
	21	1009.45	1009.51	1009.56	1009.59	1009.69	1009.80	1009.93	1010.08	1010.26	1010.43	1010.58	1010.75	1009.97
	22	1010.89	1010.89	1010.87	1010.85	1010.77	1010.65	1010.54	1010.45	1010.45	1010.54	1010.72	1010.92	1010.71
	23	1011.00	1011.02	1011.00	1010.98	1010.97	1010.97	1010.98	1011.02	1011.14	1011.25	1011.29	1011.32	1011.08

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
7	0	1011.28	1011.31	1011.34	1011.44	1011.62	1011.68	1011.66	1011.73	1011.85	1011.94	1011.96	1011.99	1011.66
	1	1012.06	1012.11	1012.18	1012.27	1012.33	1012.46	1012.68	1012.85	1012.99	1013.08	1013.17	1013.25	1012.62
	2	1013.34	1013.43	1013.59	1013.83	1013.93	1013.92	1013.97	1014.08	1014.16	1014.23	1014.28	1014.29	1013.92
	3	1014.25	1014.25	1014.31	1014.38	1014.43	1014.43	1014.47	1014.56	1014.60	1014.57	1014.55	1014.58	1014.44
	4	1014.70	1014.80	1014.79	1014.74	1014.75	1014.81	1014.93	1015.07	1015.17	1015.20	1015.20	1015.22	1014.95
	5	1015.32	1015.41	1015.51	1015.66	1015.77	1015.88	1016.01	1016.08	1016.09	1016.13	1016.18	1016.20	1015.85
	6	1016.25	1016.28	1016.32	1016.40	1016.45	1016.50	1016.55	1016.55	1016.56	1016.60	1016.64	1016.69	1016.48
	7	1016.80	1016.95	1017.03	1017.05	1017.11	1017.23	1017.31	1017.35	1017.32	1017.25	1017.21	1017.26	1017.15
	8	1017.35	1017.44	1017.53	1017.57	1017.60	1017.64	1017.73	1017.83	1017.89	1017.96	1018.00	1018.01	1017.71
	9	1018.01	1018.05	1018.09	1018.11	1018.12	1018.15	1018.22	1018.28	1018.31	1018.33	1018.33	1018.31	1018.19
	10	1018.31	1018.32	1018.30	1018.25	1018.16	1018.06	1017.95	1017.90	1017.89	1017.85	1017.81	1017.77	1018.04
	11	1017.74	1017.72	1017.72	1017.70	1017.63	1017.56	1017.53	1017.47	1017.40	1017.40	1017.39	1017.36	1017.55
	12	1017.34	1017.31	1017.29	1017.28	1017.28	1017.22	1017.13	1017.08	1017.06	1017.09	1017.11	1017.09	1017.19
	13	1017.03	1016.98	1016.99	1017.01	1016.98	1016.90	1016.87	1016.88	1016.88	1016.90	1016.93	1016.95	1016.94
	14	1016.97	1016.97	1016.97	1016.96	1016.96	1016.97	1016.98	1016.96	1016.94	1016.93	1016.94	1017.00	1016.96
	15	1017.04	1017.03	1016.99	1016.97	1016.94	1016.92	1016.97	1017.06	1017.14	1017.20	1017.27	1017.31	1017.07
	16	1017.32	1017.35	1017.39	1017.45	1017.48	1017.50	1017.54	1017.58	1017.62	1017.59	1017.47	1017.39	1017.47
	17	1017.39	1017.41	1017.41	1017.38	1017.40	1017.43	1017.49	1017.53	1017.54	1017.57	1017.63	1017.63	1017.48
	18	1017.62	1017.71	1017.80	1017.84	1017.82	1017.80	1017.78	1017.75	1017.72	1017.70	1017.67	1017.66	1017.74
	19	1017.62	1017.60	1017.61	1017.60	1017.60	1017.56	1017.53	1017.55	1017.55	1017.48	1017.42	1017.38	1017.54
	20	1017.33	1017.30	1017.33	1017.33	1017.33	1017.25	1017.18	1017.22	1017.27	1017.36	1017.47	1017.53	1017.32
	21	1017.51	1017.44	1017.38	1017.28	1017.20	1017.15	1017.10	1017.05	1017.05	1017.01	1016.84	1016.70	1017.14
	22	1016.67	1016.67	1016.67	1016.71	1016.80	1016.87	1016.88	1016.84	1016.80	1016.81	1016.77	1016.65	1016.76
	23	1016.60	1016.62	1016.59	1016.55	1016.56	1016.61	1016.60	1016.50	1016.37	1016.22	1016.15	1016.15	1016.46
8	0	1016.15	1016.12	1016.05	1015.96	1015.93	1016.02	1016.12	1016.10	1016.06	1016.08	1016.08	1016.08	1016.06
	1	1016.18	1016.27	1016.34	1016.42	1016.46	1016.46	1016.43	1016.40	1016.32	1016.23	1016.22	1016.22	1016.33
	2	1016.20	1016.21	1016.21	1016.18	1016.15	1016.15	1016.15	1016.16	1016.16	1016.14	1016.09	1016.07	1016.15
	3	1016.05	1016.02	1016.03	1015.98	1015.90	1015.87	1015.85	1015.84	1015.85	1015.84	1015.81	1015.74	1015.90
	4	1015.64	1015.57	1015.52	1015.47	1015.46	1015.49	1015.47	1015.45	1015.46	1015.46	1015.43	1015.41	1015.48
	5	1015.39	1015.39	1015.42	1015.45	1015.41	1015.38	1015.38	1015.37	1015.40	1015.43	1015.44	1015.47	1015.41
	6	1015.51	1015.51	1015.51	1015.56	1015.62	1015.68	1015.70	1015.64	1015.65	1015.77	1015.85	1015.86	1015.65
	7	1015.84	1015.83	1015.87	1015.98	1016.01	1015.98	1015.98	1016.05	1016.14	1016.20	1016.28	1016.34	1016.04
	8	1016.38	1016.43	1016.48	1016.51	1016.49	1016.47	1016.55	1016.64	1016.71	1016.84	1016.90	1016.87	1016.60
	9	1016.87	1016.79	1016.68	1016.53	1016.44	1016.45	1016.40	1016.37	1016.38	1016.38	1016.33	1016.20	1016.48
	10	1016.04	1015.93	1015.84	1015.75	1015.70	1015.66	1015.60	1015.51	1015.42	1015.30	1015.14	1015.03	1015.57
	11	1014.93	1014.79	1014.65	1014.55	1014.51	1014.47	1014.41	1014.33	1014.23	1014.13	1014.05	1013.96	1014.42
	12	1013.87	1013.82	1013.87	1013.96	1013.93	1013.90	1013.91	1013.87	1013.77	1013.69	1013.70	1013.71	1013.83
	13	1013.69	1013.64	1013.65	1013.66	1013.67	1013.69	1013.65	1013.67	1013.67	1013.61	1013.56	1013.55	1013.64
	14	1013.60	1013.61	1013.61	1013.61	1013.60	1013.61	1013.59	1013.56	1013.57	1013.58	1013.60	1013.61	1013.59
	15	1013.67	1013.67	1013.62	1013.63	1013.68	1013.71	1013.73	1013.77	1013.81	1013.89	1013.97	1013.94	1013.76
	16	1013.86	1013.87	1013.90	1013.91	1013.91	1013.91	1013.87	1013.78	1013.71	1013.71	1013.74	1013.79	1013.83
	17	1013.84	1013.84	1013.91	1013.99	1014.00	1013.97	1013.93	1013.93	1014.01	1014.09	1014.10	1014.10	1013.97
	18	1014.16	1014.18	1014.17	1014.23	1014.27	1014.24	1014.25	1014.29	1014.28	1014.31	1014.28	1014.29	1014.24
	19	1014.37	1014.48	1014.58	1014.59	1014.56	1014.52	1014.52	1014.50	1014.46	1014.47	1014.49	1014.46	1014.50
	20	1014.47	1014.58	1014.69	1014.69	1014.68	1014.68	1014.70	1014.71	1014.70	1014.76	1014.84	1014.89	1014.70
	21	1014.87	1014.89	1015.02	1015.05	1015.02	1015.09	1015.11	1015.07	1015.02	1015.07	1015.17	1015.20	1015.05
	22	1015.25	1015.28	1015.30	1015.28	1015.33	1015.38	1015.37	1015.40	1015.47	1015.52	1015.55	1015.55	1015.39
	23	1015.51	1015.52	1015.55	1015.56	1015.52	1015.45	1015.42	1015.44	1015.47	1015.46	1015.44	1015.45	1015.48

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	1015.53	1015.54	1015.58	1015.66	1015.72	1015.78	1015.81	1015.80	1015.79	1015.81	1015.91	1016.03	1015.75
	1	1016.10	1016.15	1016.21	1016.28	1016.32	1016.36	1016.40	1016.46	1016.51	1016.49	1016.49	1016.54	1016.36
	2	1016.57	1016.53	1016.52	1016.54	1016.54	1016.55	1016.53	1016.47	1016.42	1016.37	1016.30	1016.24	1016.46
	3	1016.22	1016.25	1016.27	1016.28	1016.33	1016.38	1016.43	1016.49	1016.50	1016.50	1016.52	1016.55	1016.39
	4	1016.59	1016.65	1016.72	1016.80	1016.88	1016.98	1017.07	1017.07	1017.08	1017.11	1017.17	1017.26	1016.95
	5	1017.33	1017.41	1017.50	1017.54	1017.60	1017.69	1017.81	1017.89	1017.88	1017.91	1018.02	1018.12	1017.72
	6	1018.22	1018.29	1018.37	1018.49	1018.57	1018.68	1018.76	1018.76	1018.78	1018.85	1018.89	1018.91	1018.63
	7	1019.01	1019.13	1019.20	1019.27	1019.33	1019.36	1019.46	1019.59	1019.70	1019.78	1019.81	1019.85	1019.46
	8	1019.93	1020.01	1020.05	1020.11	1020.25	1020.37	1020.47	1020.54	1020.62	1020.70	1020.75	1020.84	1020.39
	9	1020.96	1021.06	1021.14	1021.20	1021.27	1021.29	1021.28	1021.31	1021.31	1021.32	1021.33	1021.30	1021.23
	10	1021.30	1021.31	1021.32	1021.32	1021.29	1021.27	1021.22	1021.15	1021.06	1021.05	1021.03	1020.99	1021.19
	11	1020.95	1020.89	1020.85	1020.77	1020.70	1020.64	1020.57	1020.49	1020.46	1020.48	1020.49	1020.48	1020.64
	12	1020.48	1020.48	1020.47	1020.46	1020.45	1020.47	1020.54	1020.60	1020.59	1020.57	1020.55	1020.54	1020.51
	13	1020.58	1020.64	1020.68	1020.74	1020.78	1020.82	1020.88	1020.93	1020.98	1021.02	1021.06	1021.11	1020.85
	14	1021.14	1021.16	1021.22	1021.28	1021.28	1021.29	1021.34	1021.38	1021.42	1021.47	1021.49	1021.52	1021.33
	15	1021.56	1021.62	1021.71	1021.79	1021.86	1021.92	1021.97	1021.99	1022.01	1022.04	1022.11	1022.17	1021.89
	16	1022.23	1022.30	1022.39	1022.49	1022.59	1022.70	1022.80	1022.88	1022.92	1022.96	1023.02	1023.08	1022.69
	17	1023.17	1023.27	1023.36	1023.43	1023.51	1023.61	1023.72	1023.80	1023.88	1023.94	1024.01	1024.05	1023.64
	18	1024.11	1024.22	1024.27	1024.33	1024.43	1024.52	1024.57	1024.57	1024.57	1024.60	1024.62	1024.61	1024.45
	19	1024.60	1024.60	1024.62	1024.66	1024.71	1024.77	1024.84	1024.91	1024.94	1024.94	1024.95	1024.97	1024.79
	20	1024.96	1024.96	1024.99	1025.05	1025.16	1025.28	1025.39	1025.43	1025.47	1025.51	1025.58	1025.65	1025.28
	21	1025.72	1025.84	1025.95	1026.00	1026.02	1026.05	1026.07	1026.14	1026.21	1026.28	1026.35	1026.40	1026.08
	22	1026.41	1026.40	1026.43	1026.46	1026.49	1026.52	1026.50	1026.46	1026.41	1026.38	1026.39	1026.42	1026.44
	23	1026.44	1026.45	1026.48	1026.47	1026.43	1026.41	1026.38	1026.33	1026.26	1026.21	1026.25	1026.36	1026.37
10	0	1026.41	1026.41	1026.42	1026.45	1026.49	1026.52	1026.56	1026.60	1026.70	1026.80	1026.81	1026.85	1026.59
	1	1026.93	1026.98	1026.93	1026.87	1026.81	1026.76	1026.73	1026.72	1026.75	1026.75	1026.76	1026.79	1026.81
	2	1026.80	1026.80	1026.86	1026.95	1026.95	1026.94	1026.99	1027.02	1027.00	1026.97	1026.98	1026.99	1026.94
	3	1026.97	1026.96	1026.99	1027.00	1027.01	1027.03	1027.00	1026.95	1026.91	1026.91	1026.93	1026.95	1026.96
	4	1026.97	1026.98	1027.01	1027.08	1027.15	1027.18	1027.20	1027.22	1027.21	1027.20	1027.20	1027.18	1027.13
	5	1027.16	1027.18	1027.16	1027.13	1027.12	1027.14	1027.17	1027.17	1027.15	1027.10	1027.11	1027.08	1027.14
	6	1027.01	1027.00	1026.98	1026.96	1026.96	1027.01	1027.11	1027.19	1027.24	1027.24	1027.14	1026.96	1027.06
	7	1026.79	1026.80	1026.96	1027.15	1027.21	1027.16	1027.19	1027.25	1027.31	1027.34	1027.36	1027.39	1027.16
	8	1027.38	1027.36	1027.37	1027.40	1027.42	1027.38	1027.31	1027.23	1027.22	1027.35	1027.45	1027.46	1027.36
	9	1027.43	1027.41	1027.41	1027.41	1027.42	1027.40	1027.29	1027.18	1027.10	1027.05	1027.01	1026.90	1027.25
	10	1026.78	1026.63	1026.45	1026.33	1026.27	1026.22	1026.16	1026.11	1026.03	1025.98	1025.96	1025.88	1026.23
	11	1025.79	1025.71	1025.58	1025.49	1025.40	1025.29	1025.21	1025.13	1025.05	1024.96	1024.90	1024.87	1025.28
	12	1024.79	1024.67	1024.58	1024.54	1024.56	1024.50	1024.38	1024.33	1024.30	1024.23	1024.21	1024.21	1024.44
	13	1024.15	1024.10	1024.04	1024.00	1023.96	1023.91	1023.90	1023.93	1023.91	1023.83	1023.80	1023.78	1023.94
	14	1023.77	1023.80	1023.86	1023.89	1023.87	1023.89	1023.94	1023.89	1023.88	1023.91	1023.89	1023.93	1023.87
	15	1023.99	1024.02	1024.03	1024.04	1024.00	1023.95	1023.93	1023.94	1023.96	1023.98	1023.95	1023.89	1023.97
	16	1023.91	1024.04	1024.14	1024.19	1024.21	1024.17	1024.15	1024.19	1024.29	1024.38	1024.45	1024.44	1024.21
	17	1024.48	1024.47	1024.49	1024.60	1024.59	1024.56	1024.52	1024.53	1024.63	1024.70	1024.73	1024.80	1024.59
	18	1024.89	1024.97	1025.04	1025.12	1025.18	1025.25	1025.36	1025.43	1025.49	1025.59	1025.64	1025.68	1025.30
	19	1025.76	1025.91	1026.04	1026.06	1026.01	1026.03	1026.10	1026.10	1026.08	1026.13	1026.27	1026.35	1026.07
	20	1026.43	1026.56	1026.62	1026.57	1026.50	1026.60	1026.58	1026.44	1026.49	1026.51	1026.57	1026.69	1026.54
	21	1026.75	1026.80	1026.84	1026.91	1027.03	1027.18	1027.26	1027.26	1027.32	1027.50	1027.70	1027.74	1027.19
	22	1027.69	1027.69	1027.63	1027.51	1027.47	1027.67	1027.70	1027.47	1027.47	1027.42	1027.28	1027.26	1027.52
	23	1027.35	1027.39	1027.40	1027.50	1027.57	1027.60	1027.66	1027.67	1027.65	1027.74	1027.80	1027.76	1027.59

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1027.66	1027.66	1027.70	1027.82	1027.92	1028.00	1028.06	1028.07	1028.08	1028.14	1028.24	1028.31	1027.98
	1	1028.28	1028.21	1028.21	1028.25	1028.21	1028.14	1028.12	1028.16	1028.24	1028.31	1028.32	1028.33	1028.23
	2	1028.33	1028.26	1028.20	1028.17	1028.13	1028.12	1028.09	1028.04	1028.08	1028.15	1028.18	1028.18	1028.16
	3	1028.15	1028.07	1028.03	1028.04	1028.06	1028.11	1028.10	1028.03	1028.02	1028.09	1028.18	1028.25	1028.09
	4	1028.26	1028.22	1028.21	1028.26	1028.31	1028.33	1028.34	1028.36	1028.40	1028.41	1028.44	1028.47	1028.33
	5	1028.45	1028.46	1028.51	1028.53	1028.48	1028.48	1028.51	1028.53	1028.56	1028.57	1028.64	1028.69	1028.53
	6	1028.67	1028.69	1028.72	1028.72	1028.73	1028.76	1028.77	1028.79	1028.84	1028.91	1028.93	1028.87	1028.78
	7	1028.84	1028.87	1028.91	1029.03	1029.14	1029.19	1029.17	1029.14	1029.19	1029.28	1029.38	1029.46	1029.13
	8	1029.51	1029.56	1029.62	1029.67	1029.72	1029.78	1029.85	1029.88	1029.85	1029.83	1029.88	1029.94	1029.76
	9	1029.95	1029.96	1030.00	1030.05	1030.04	1030.00	1029.97	1029.95	1029.91	1029.87	1029.86	1029.86	1029.95
	10	1029.83	1029.77	1029.72	1029.68	1029.65	1029.62	1029.60	1029.56	1029.51	1029.45	1029.36	1029.29	1029.59
	11	1029.23	1029.17	1029.09	1029.01	1028.95	1028.86	1028.79	1028.72	1028.63	1028.56	1028.48	1028.40	1028.82
	12	1028.33	1028.26	1028.20	1028.15	1028.09	1028.03	1027.98	1027.99	1027.98	1027.95	1027.88	1027.79	1028.05
	13	1027.77	1027.76	1027.72	1027.70	1027.70	1027.67	1027.64	1027.61	1027.59	1027.58	1027.55	1027.54	1027.65
	14	1027.55	1027.55	1027.57	1027.60	1027.62	1027.64	1027.67	1027.70	1027.74	1027.79	1027.80	1027.81	1027.67
	15	1027.81	1027.81	1027.81	1027.81	1027.82	1027.81	1027.79	1027.76	1027.77	1027.77	1027.75	1027.75	1027.79
	16	1027.79	1027.82	1027.83	1027.85	1027.87	1027.91	1027.92	1027.91	1027.96	1028.00	1028.01	1028.03	1027.91
	17	1028.03	1028.01	1028.03	1028.07	1028.09	1028.10	1028.10	1028.11	1028.14	1028.21	1028.28	1028.29	1028.12
	18	1028.28	1028.30	1028.33	1028.36	1028.34	1028.33	1028.37	1028.42	1028.45	1028.45	1028.43	1028.42	1028.37
	19	1028.40	1028.39	1028.42	1028.49	1028.52	1028.51	1028.52	1028.56	1028.58	1028.58	1028.55	1028.54	1028.50
	20	1028.57	1028.59	1028.62	1028.74	1028.80	1028.78	1028.77	1028.78	1028.82	1028.85	1028.85	1028.89	1028.75
	21	1028.90	1028.87	1028.86	1028.85	1028.86	1028.84	1028.87	1028.95	1029.06	1029.14	1029.17	1029.18	1028.96
	22	1029.17	1029.19	1029.19	1029.19	1029.19	1029.22	1029.30	1029.35	1029.37	1029.41	1029.43	1029.40	1029.28
	23	1029.38	1029.40	1029.39	1029.35	1029.37	1029.41	1029.47	1029.52	1029.54	1029.50	1029.45	1029.42	1029.43
12	0	1029.36	1029.40	1029.45	1029.50	1029.58	1029.65	1029.70	1029.70	1029.68	1029.67	1029.67	1029.68	1029.59
	1	1029.75	1029.82	1029.83	1029.85	1029.87	1029.88	1029.91	1029.95	1029.95	1029.92	1029.92	1029.91	1029.88
	2	1029.89	1029.85	1029.85	1029.85	1029.81	1029.78	1029.71	1029.68	1029.70	1029.71	1029.74	1029.75	1029.77
	3	1029.74	1029.75	1029.75	1029.74	1029.73	1029.68	1029.64	1029.67	1029.69	1029.68	1029.68	1029.70	1029.70
	4	1029.71	1029.71	1029.69	1029.66	1029.62	1029.61	1029.62	1029.63	1029.64	1029.61	1029.61	1029.65	1029.64
	5	1029.66	1029.65	1029.66	1029.66	1029.66	1029.68	1029.68	1029.67	1029.69	1029.72	1029.74	1029.73	1029.68
	6	1029.70	1029.66	1029.62	1029.63	1029.62	1029.58	1029.55	1029.51	1029.50	1029.52	1029.58	1029.61	1029.59
	7	1029.63	1029.68	1029.73	1029.79	1029.81	1029.80	1029.83	1029.85	1029.85	1029.87	1029.90	1029.93	1029.80
	8	1030.01	1030.10	1030.17	1030.22	1030.22	1030.20	1030.23	1030.25	1030.27	1030.35	1030.44	1030.48	1030.24
	9	1030.51	1030.52	1030.51	1030.52	1030.54	1030.55	1030.54	1030.55	1030.55	1030.54	1030.51	1030.42	1030.52
	10	1030.34	1030.28	1030.21	1030.15	1030.07	1029.97	1029.92	1029.86	1029.78	1029.69	1029.58	1029.51	1029.94
	11	1029.47	1029.41	1029.35	1029.28	1029.22	1029.15	1029.04	1028.93	1028.82	1028.71	1028.64	1028.57	1029.05
	12	1028.50	1028.46	1028.40	1028.30	1028.20	1028.15	1028.09	1028.03	1027.97	1027.92	1027.85	1027.78	1028.14
	13	1027.73	1027.71	1027.68	1027.64	1027.64	1027.65	1027.65	1027.64	1027.63	1027.60	1027.56	1027.52	1027.64
	14	1027.47	1027.46	1027.46	1027.42	1027.39	1027.39	1027.38	1027.37	1027.38	1027.34	1027.30	1027.27	1027.38
	15	1027.24	1027.23	1027.20	1027.17	1027.15	1027.13	1027.11	1027.08	1027.06	1027.07	1027.09	1027.09	1027.13
	16	1027.10	1027.11	1027.09	1027.08	1027.07	1027.03	1027.00	1027.00	1027.03	1027.07	1027.09	1027.11	1027.06
	17	1027.12	1027.11	1027.11	1027.11	1027.11	1027.13	1027.14	1027.13	1027.11	1027.12	1027.13	1027.15	1027.12
	18	1027.15	1027.15	1027.16	1027.15	1027.15	1027.13	1027.08	1027.03	1027.02	1027.00	1026.98	1026.95	1027.08
	19	1026.92	1026.91	1026.91	1026.90	1026.92	1026.94	1026.96	1026.97	1026.98	1026.96	1026.95	1026.98	1026.94
	20	1026.99	1026.98	1026.95	1026.89	1026.83	1026.78	1026.73	1026.72	1026.72	1026.73	1026.74	1026.73	1026.81
	21	1026.70	1026.66	1026.64	1026.61	1026.61	1026.63	1026.63	1026.62	1026.62	1026.61	1026.57	1026.51	1026.61
	22	1026.49	1026.47	1026.46	1026.43	1026.35	1026.29	1026.25	1026.21	1026.20	1026.16	1026.11	1026.11	1026.29
	23	1026.09	1026.02	1025.96	1025.92	1025.87	1025.84	1025.79	1025.76	1025.75	1025.73	1025.72	1025.70	1025.84

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
13	0	1025.65	1025.60	1025.52	1025.52	1025.52	1025.49	1025.47	1025.39	1025.31	1025.26	1025.23	1025.23	1025.42
	1	1025.14	1025.05	1025.02	1025.01	1024.97	1024.96	1025.00	1025.01	1024.98	1024.97	1024.94	1024.88	1024.99
	2	1024.87	1024.84	1024.82	1024.78	1024.68	1024.62	1024.61	1024.58	1024.50	1024.43	1024.41	1024.35	1024.62
	3	1024.31	1024.27	1024.23	1024.23	1024.23	1024.18	1024.08	1023.97	1023.86	1023.80	1023.75	1023.70	1024.05
	4	1023.66	1023.57	1023.48	1023.38	1023.29	1023.25	1023.24	1023.21	1023.18	1023.10	1023.02	1022.99	1023.28
	5	1022.84	1022.79	1022.79	1022.69	1022.58	1022.48	1022.41	1022.35	1022.28	1022.17	1022.13	1022.13	1022.47
	6	1022.14	1022.09	1022.00	1021.94	1021.85	1021.75	1021.63	1021.56	1021.58	1021.59	1021.54	1021.45	1021.76
	7	1021.34	1021.23	1021.19	1021.20	1021.23	1021.27	1021.36	1021.51	1021.63	1021.73	1021.79	1021.82	1021.44
	8	1021.81	1021.83	1021.87	1021.88	1021.90	1021.92	1021.86	1021.75	1021.62	1021.53	1021.53	1021.51	1021.75
	9	1021.46	1021.48	1021.55	1021.66	1021.72	1021.71	1021.68	1021.61	1021.50	1021.43	1021.38	1021.34	1021.54
	10	1021.27	1021.22	1021.20	1021.09	1020.98	1020.90	1020.81	1020.72	1020.61	1020.50	1020.41	1020.34	1020.84
	11	1020.23	1020.16	1020.09	1020.01	1019.90	1019.85	1019.82	1019.71	1019.62	1019.50	1019.38	1019.28	1019.79
	12	1019.17	1019.08	1018.98	1018.85	1018.76	1018.69	1018.62	1018.57	1018.49	1018.43	1018.38	1018.32	1018.69
	13	1018.27	1018.21	1018.18	1018.17	1018.15	1018.13	1018.11	1018.06	1017.96	1017.89	1017.85	1017.84	1018.07
	14	1017.84	1017.81	1017.72	1017.63	1017.62	1017.59	1017.55	1017.50	1017.47	1017.46	1017.44	1017.42	1017.59
	15	1017.42	1017.42	1017.38	1017.29	1017.22	1017.17	1017.13	1017.12	1017.16	1017.19	1017.17	1017.14	1017.23
	16	1017.12	1017.11	1017.07	1017.01	1016.93	1016.89	1016.89	1016.89	1016.87	1016.81	1016.76	1016.70	1016.92
	17	1016.62	1016.64	1016.70	1016.71	1016.70	1016.71	1016.75	1016.76	1016.76	1016.75	1016.74	1016.71	1016.71
	18	1016.68	1016.64	1016.61	1016.63	1016.61	1016.58	1016.57	1016.56	1016.53	1016.49	1016.45	1016.42	1016.56
	19	1016.39	1016.35	1016.32	1016.29	1016.24	1016.20	1016.19	1016.19	1016.20	1016.24	1016.24	1016.21	1016.25
	20	1016.20	1016.17	1016.11	1016.06	1016.05	1016.05	1016.07	1016.09	1016.07	1015.98	1015.88	1015.85	1016.05
	21	1015.83	1015.85	1015.93	1015.98	1016.00	1016.03	1016.05	1016.03	1016.00	1015.96	1015.94	1015.95	1015.96
	22	1015.97	1015.96	1015.91	1015.87	1015.81	1015.75	1015.77	1015.80	1015.77	1015.72	1015.76	1015.81	1015.82
	23	1015.80	1015.73	1015.67	1015.63	1015.57	1015.51	1015.46	1015.38	1015.30	1015.33	1015.43	1015.49	1015.52
14	0	1015.55	1015.54	1015.53	1015.48	1015.44	1015.47	1015.52	1015.57	1015.65	1015.68	1015.72	1015.75	1015.57
	1	1015.74	1015.73	1015.72	1015.69	1015.65	1015.66	1015.69	1015.68	1015.64	1015.62	1015.62	1015.64	1015.67
	2	1015.65	1015.62	1015.57	1015.53	1015.50	1015.38	1015.29	1015.25	1015.21	1015.17	1015.11	1015.12	1015.36
	3	1015.15	1015.18	1015.21	1015.17	1015.11	1015.04	1014.99	1015.00	1015.01	1015.00	1015.00	1015.00	1015.07
	4	1014.99	1014.98	1014.94	1014.92	1014.96	1015.00	1015.02	1015.06	1015.12	1015.15	1015.17	1015.20	1015.04
	5	1015.23	1015.24	1015.26	1015.26	1015.20	1015.16	1015.13	1015.11	1015.16	1015.22	1015.29	1015.34	1015.21
	6	1015.35	1015.36	1015.38	1015.39	1015.42	1015.47	1015.52	1015.55	1015.54	1015.52	1015.55	1015.61	1015.47
	7	1015.67	1015.73	1015.77	1015.78	1015.76	1015.77	1015.80	1015.85	1015.91	1015.95	1016.01	1016.11	1015.84
	8	1016.21	1016.28	1016.31	1016.32	1016.36	1016.37	1016.38	1016.41	1016.42	1016.44	1016.49	1016.55	1016.38
	9	1016.59	1016.62	1016.64	1016.66	1016.70	1016.75	1016.79	1016.78	1016.74	1016.70	1016.69	1016.68	1016.69
	10	1016.67	1016.63	1016.59	1016.57	1016.51	1016.45	1016.42	1016.38	1016.33	1016.28	1016.19	1016.13	1016.43
	11	1016.10	1016.04	1015.97	1015.90	1015.81	1015.71	1015.63	1015.54	1015.46	1015.37	1015.28	1015.23	1015.67
	12	1015.19	1015.16	1015.16	1015.13	1015.06	1015.03	1015.03	1015.01	1014.97	1014.94	1014.95	1014.95	1015.05
	13	1014.91	1014.85	1014.81	1014.77	1014.73	1014.70	1014.67	1014.63	1014.62	1014.61	1014.60	1014.58	1014.70
	14	1014.56	1014.55	1014.56	1014.60	1014.61	1014.60	1014.57	1014.54	1014.53	1014.54	1014.57	1014.62	1014.57
	15	1014.65	1014.66	1014.68	1014.68	1014.72	1014.80	1014.86	1014.92	1014.99	1015.07	1015.15	1015.22	1014.86
	16	1015.27	1015.32	1015.38	1015.44	1015.53	1015.61	1015.68	1015.74	1015.79	1015.82	1015.85	1015.86	1015.61
	17	1015.84	1015.83	1015.82	1015.80	1015.83	1015.88	1015.93	1016.00	1016.01	1016.01	1016.02	1016.02	1015.91
	18	1016.03	1016.04	1016.03	1016.03	1016.05	1016.06	1016.10	1016.11	1016.12	1016.15	1016.13	1016.12	1016.08
	19	1016.17	1016.26	1016.36	1016.40	1016.42	1016.49	1016.57	1016.60	1016.61	1016.60	1016.60	1016.63	1016.47
	20	1016.67	1016.71	1016.72	1016.74	1016.76	1016.77	1016.76	1016.70	1016.67	1016.67	1016.69	1016.71	1016.71
	21	1016.70	1016.68	1016.66	1016.68	1016.77	1016.86	1016.87	1016.83	1016.85	1016.89	1016.93	1016.99	1016.81
	22	1017.02	1016.99	1017.00	1017.04	1017.05	1017.03	1017.01	1016.99	1016.98	1016.99	1017.01	1016.98	1017.00
	23	1016.92	1016.89	1016.88	1016.86	1016.82	1016.82	1016.81	1016.79	1016.78	1016.76	1016.74	1016.73	1016.81

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
15	0	1016.81	1016.82	1016.83	1016.84	1016.84	1016.84	1016.87	1016.92	1016.96	1017.01	1017.05	1017.08	1016.91
	1	1017.08	1017.08	1017.13	1017.18	1017.17	1017.10	1017.06	1017.07	1017.06	1017.01	1016.95	1016.90	1017.06
	2	1016.86	1016.85	1016.84	1016.83	1016.84	1016.83	1016.82	1016.79	1016.71	1016.66	1016.61	1016.58	1016.77
	3	1016.55	1016.53	1016.54	1016.57	1016.58	1016.58	1016.58	1016.59	1016.60	1016.57	1016.57	1016.57	1016.57
	4	1016.53	1016.52	1016.55	1016.59	1016.64	1016.66	1016.64	1016.62	1016.62	1016.64	1016.66	1016.69	1016.61
	5	1016.74	1016.79	1016.81	1016.80	1016.81	1016.86	1016.91	1016.94	1016.94	1016.96	1016.98	1016.99	1016.88
	6	1017.00	1017.06	1017.14	1017.17	1017.16	1017.16	1017.18	1017.22	1017.23	1017.25	1017.30	1017.33	1017.18
	7	1017.37	1017.44	1017.48	1017.45	1017.44	1017.46	1017.49	1017.52	1017.55	1017.58	1017.59	1017.60	1017.50
	8	1017.67	1017.73	1017.75	1017.76	1017.80	1017.85	1017.85	1017.83	1017.84	1017.88	1017.90	1017.92	1017.81
	9	1017.96	1017.98	1017.99	1017.99	1018.02	1018.06	1018.10	1018.12	1018.12	1018.11	1018.08	1018.01	1018.04
	10	1017.95	1017.90	1017.86	1017.86	1017.85	1017.83	1017.81	1017.75	1017.67	1017.58	1017.49	1017.41	1017.74
	11	1017.32	1017.24	1017.18	1017.12	1017.04	1016.97	1016.90	1016.84	1016.80	1016.76	1016.72	1016.69	1016.96
	12	1016.65	1016.59	1016.51	1016.44	1016.40	1016.37	1016.32	1016.25	1016.21	1016.19	1016.16	1016.12	1016.35
	13	1016.09	1016.09	1016.09	1016.08	1016.07	1016.07	1016.06	1016.04	1016.03	1016.02	1016.03	1016.05	1016.06
	14	1016.09	1016.10	1016.10	1016.10	1016.09	1016.07	1016.06	1016.08	1016.09	1016.09	1016.09	1016.11	1016.09
	15	1016.14	1016.16	1016.16	1016.16	1016.17	1016.18	1016.19	1016.21	1016.20	1016.19	1016.21	1016.24	1016.18
	16	1016.27	1016.30	1016.31	1016.34	1016.35	1016.37	1016.40	1016.41	1016.45	1016.50	1016.52	1016.53	1016.39
	17	1016.55	1016.60	1016.66	1016.69	1016.73	1016.78	1016.83	1016.88	1016.92	1016.97	1017.03	1017.08	1016.81
	18	1017.11	1017.13	1017.14	1017.14	1017.19	1017.26	1017.30	1017.32	1017.36	1017.38	1017.42	1017.44	1017.26
	19	1017.44	1017.45	1017.47	1017.49	1017.50	1017.53	1017.57	1017.60	1017.63	1017.66	1017.70	1017.75	1017.56
	20	1017.79	1017.81	1017.82	1017.83	1017.86	1017.89	1017.90	1017.93	1017.97	1018.01	1018.03	1018.06	1017.91
	21	1018.07	1018.08	1018.09	1018.12	1018.17	1018.24	1018.29	1018.30	1018.30	1018.29	1018.28	1018.27	1018.21
	22	1018.26	1018.27	1018.27	1018.25	1018.25	1018.26	1018.24	1018.23	1018.24	1018.29	1018.33	1018.32	1018.26
	23	1018.28	1018.26	1018.24	1018.25	1018.25	1018.19	1018.13	1018.07	1018.02	1018.00	1018.00	1018.01	1018.14
16	0	1017.99	1017.98	1017.95	1017.91	1017.86	1017.88	1017.93	1017.93	1017.90	1017.93	1017.94	1017.90	1017.92
	1	1017.87	1017.86	1017.89	1017.90	1017.86	1017.82	1017.82	1017.87	1017.93	1017.94	1017.90	1017.84	1017.87
	2	1017.78	1017.75	1017.75	1017.73	1017.69	1017.67	1017.66	1017.66	1017.67	1017.64	1017.59	1017.60	1017.68
	3	1017.60	1017.57	1017.54	1017.54	1017.56	1017.55	1017.55	1017.59	1017.59	1017.56	1017.56	1017.59	1017.56
	4	1017.59	1017.58	1017.59	1017.58	1017.56	1017.58	1017.61	1017.63	1017.64	1017.65	1017.69	1017.72	1017.62
	5	1017.74	1017.77	1017.80	1017.83	1017.87	1017.88	1017.91	1017.97	1018.04	1018.09	1018.12	1018.17	1017.93
	6	1018.23	1018.26	1018.29	1018.32	1018.34	1018.35	1018.35	1018.38	1018.43	1018.45	1018.47	1018.52	1018.36
	7	1018.56	1018.58	1018.59	1018.63	1018.70	1018.77	1018.83	1018.90	1018.94	1018.99	1019.05	1019.10	1018.80
	8	1019.14	1019.17	1019.21	1019.21	1019.18	1019.17	1019.18	1019.17	1019.17	1019.20	1019.21	1019.23	1019.18
	9	1019.26	1019.28	1019.29	1019.30	1019.31	1019.33	1019.36	1019.39	1019.41	1019.43	1019.45	1019.44	1019.35
	10	1019.41	1019.46	1019.48	1019.41	1019.34	1019.31	1019.30	1019.29	1019.30	1019.28	1019.20	1019.12	1019.32
	11	1019.05	1018.99	1018.95	1018.90	1018.87	1018.87	1018.83	1018.78	1018.74	1018.72	1018.71	1018.69	1018.84
	12	1018.68	1018.69	1018.68	1018.62	1018.55	1018.55	1018.57	1018.53	1018.44	1018.36	1018.29	1018.29	1018.52
	13	1018.33	1018.36	1018.36	1018.38	1018.38	1018.37	1018.37	1018.37	1018.43	1018.48	1018.48	1018.50	1018.40
	14	1018.54	1018.57	1018.62	1018.65	1018.66	1018.66	1018.64	1018.68	1018.73	1018.76	1018.79	1018.81	1018.67
	15	1018.84	1018.88	1018.88	1018.89	1018.95	1019.01	1019.05	1019.10	1019.16	1019.22	1019.30	1019.38	1019.05
	16	1019.43	1019.48	1019.53	1019.58	1019.65	1019.70	1019.73	1019.79	1019.87	1019.93	1020.00	1020.06	1019.73
	17	1020.11	1020.15	1020.19	1020.27	1020.35	1020.41	1020.48	1020.56	1020.61	1020.63	1020.66	1020.71	1020.42
	18	1020.76	1020.83	1020.90	1020.95	1020.99	1021.04	1021.09	1021.14	1021.18	1021.21	1021.26	1021.32	1021.05
	19	1021.40	1021.49	1021.54	1021.59	1021.65	1021.70	1021.75	1021.81	1021.89	1021.96	1022.01	1022.05	1021.73
	20	1022.06	1022.10	1022.15	1022.18	1022.23	1022.28	1022.30	1022.32	1022.34	1022.34	1022.37	1022.41	1022.26
	21	1022.46	1022.49	1022.54	1022.59	1022.62	1022.65	1022.70	1022.73	1022.78	1022.84	1022.86	1022.88	1022.68
	22	1022.90	1022.89	1022.88	1022.87	1022.87	1022.90	1022.92	1022.94	1022.96	1023.00	1023.03	1023.06	1022.93
	23	1023.10	1023.17	1023.25	1023.30	1023.31	1023.32	1023.36	1023.38	1023.39	1023.41	1023.42	1023.40	1023.32

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
17	0	1023.35	1023.35	1023.35	1023.36	1023.42	1023.46	1023.48	1023.53	1023.55	1023.58	1023.62	1023.62	1023.48
	1	1023.62	1023.65	1023.68	1023.73	1023.77	1023.78	1023.78	1023.78	1023.76	1023.75	1023.73	1023.71	1023.73
	2	1023.71	1023.74	1023.76	1023.75	1023.73	1023.75	1023.77	1023.77	1023.78	1023.82	1023.84	1023.82	1023.77
	3	1023.82	1023.87	1023.90	1023.89	1023.91	1023.94	1023.93	1023.92	1023.95	1024.00	1024.03	1024.00	1023.93
	4	1023.97	1023.98	1024.02	1024.08	1024.14	1024.21	1024.26	1024.30	1024.34	1024.35	1024.36	1024.40	1024.20
	5	1024.42	1024.43	1024.43	1024.42	1024.40	1024.39	1024.43	1024.49	1024.55	1024.60	1024.67	1024.73	1024.50
	6	1024.78	1024.81	1024.81	1024.81	1024.83	1024.84	1024.87	1024.93	1024.98	1025.00	1025.02	1025.02	1024.89
	7	1025.04	1025.11	1025.20	1025.27	1025.33	1025.39	1025.42	1025.47	1025.54	1025.61	1025.66	1025.70	1025.39
	8	1025.75	1025.80	1025.86	1025.91	1025.93	1025.95	1025.97	1025.99	1026.06	1026.10	1026.09	1026.09	1025.96
	9	1026.14	1026.19	1026.22	1026.26	1026.32	1026.36	1026.39	1026.45	1026.50	1026.54	1026.55	1026.52	1026.37
	10	1026.51	1026.50	1026.50	1026.49	1026.44	1026.39	1026.35	1026.28	1026.22	1026.18	1026.17	1026.12	1026.34
	11	1026.04	1025.99	1025.94	1025.85	1025.80	1025.76	1025.69	1025.65	1025.59	1025.54	1025.54	1025.53	1025.74
	12	1025.52	1025.49	1025.46	1025.43	1025.38	1025.32	1025.31	1025.31	1025.29	1025.24	1025.20	1025.16	1025.34
	13	1025.12	1025.10	1025.08	1025.07	1025.03	1025.02	1025.03	1025.03	1025.02	1024.99	1024.95	1024.95	1025.03
	14	1024.96	1024.97	1024.99	1024.99	1025.01	1025.03	1025.05	1025.08	1025.10	1025.12	1025.14	1025.18	1025.05
	15	1025.20	1025.21	1025.26	1025.32	1025.34	1025.36	1025.36	1025.37	1025.38	1025.39	1025.40	1025.43	1025.33
	16	1025.45	1025.48	1025.51	1025.52	1025.52	1025.56	1025.61	1025.65	1025.69	1025.72	1025.76	1025.79	1025.60
	17	1025.82	1025.83	1025.87	1025.91	1025.95	1026.00	1026.06	1026.14	1026.21	1026.23	1026.26	1026.33	1026.05
	18	1026.40	1026.45	1026.49	1026.53	1026.56	1026.60	1026.65	1026.68	1026.72	1026.77	1026.81	1026.85	1026.62
	19	1026.89	1026.92	1026.95	1026.96	1026.99	1027.05	1027.12	1027.18	1027.20	1027.21	1027.24	1027.28	1027.08
	20	1027.33	1027.36	1027.41	1027.48	1027.52	1027.54	1027.56	1027.60	1027.64	1027.69	1027.74	1027.79	1027.55
	21	1027.82	1027.84	1027.86	1027.90	1027.93	1027.96	1027.99	1028.01	1028.04	1028.04	1028.03	1028.03	1027.95
	22	1028.03	1028.05	1028.07	1028.12	1028.17	1028.21	1028.25	1028.27	1028.28	1028.29	1028.31	1028.31	1028.19
	23	1028.30	1028.31	1028.32	1028.32	1028.30	1028.28	1028.27	1028.28	1028.31	1028.30	1028.29	1028.29	1028.29
18	0	1028.26	1028.28	1028.31	1028.30	1028.31	1028.37	1028.40	1028.39	1028.40	1028.44	1028.46	1028.47	1028.37
	1	1028.48	1028.50	1028.53	1028.54	1028.54	1028.53	1028.52	1028.52	1028.54	1028.57	1028.58	1028.56	1028.53
	2	1028.52	1028.51	1028.52	1028.51	1028.47	1028.45	1028.41	1028.38	1028.38	1028.40	1028.37	1028.33	1028.44
	3	1028.36	1028.42	1028.46	1028.49	1028.51	1028.50	1028.49	1028.55	1028.58	1028.47	1028.34	1028.38	1028.46
	4	1028.47	1028.54	1028.59	1028.56	1028.53	1028.58	1028.62	1028.63	1028.60	1028.60	1028.65	1028.70	1028.59
	5	1028.75	1028.76	1028.78	1028.81	1028.84	1028.87	1028.89	1028.94	1028.99	1029.02	1029.01	1028.99	1028.88
	6	1029.08	1029.20	1029.23	1029.21	1029.21	1029.23	1029.26	1029.31	1029.36	1029.48	1029.62	1029.69	1029.32
	7	1029.68	1029.66	1029.72	1029.80	1029.83	1029.87	1029.96	1030.03	1030.07	1030.10	1030.12	1030.16	1029.91
	8	1030.19	1030.23	1030.29	1030.33	1030.40	1030.46	1030.50	1030.55	1030.57	1030.57	1030.56	1030.56	1030.43
	9	1030.56	1030.56	1030.59	1030.64	1030.69	1030.71	1030.72	1030.74	1030.74	1030.79	1030.83	1030.82	1030.70
	10	1030.80	1030.78	1030.83	1030.87	1030.85	1030.85	1030.85	1030.85	1030.86	1030.85	1030.80	1030.81	1030.83
	11	1030.81	1030.76	1030.73	1030.72	1030.69	1030.68	1030.70	1030.70	1030.69	1030.66	1030.65	1030.64	1030.70
	12	1030.61	1030.61	1030.62	1030.56	1030.49	1030.44	1030.40	1030.36	1030.33	1030.29	1030.23	1030.17	1030.42
	13	1030.15	1030.15	1030.10	1030.12	1030.16	1030.10	1030.05	1030.06	1030.07	1030.06	1030.03	1029.96	1030.08
	14	1029.89	1029.87	1029.89	1029.94	1029.97	1029.98	1029.94	1029.92	1029.97	1030.03	1030.07	1030.07	1029.96
	15	1030.05	1030.04	1030.04	1030.08	1030.12	1030.16	1030.21	1030.22	1030.24	1030.24	1030.22	1030.23	1030.15
	16	1030.26	1030.30	1030.35	1030.37	1030.42	1030.49	1030.52	1030.55	1030.60	1030.63	1030.68	1030.70	1030.49
	17	1030.70	1030.72	1030.74	1030.80	1030.89	1030.94	1030.98	1031.01	1030.98	1030.99	1031.06	1031.13	1030.91
	18	1031.17	1031.21	1031.26	1031.32	1031.38	1031.46	1031.51	1031.54	1031.59	1031.61	1031.64	1031.68	1031.44
	19	1031.71	1031.71	1031.72	1031.70	1031.67	1031.67	1031.66	1031.67	1031.74	1031.79	1031.81	1031.83	1031.72
	20	1031.84	1031.86	1031.89	1031.94	1032.01	1032.06	1032.10	1032.14	1032.14	1032.13	1032.16	1032.18	1032.04
	21	1032.19	1032.22	1032.23	1032.18	1032.18	1032.24	1032.26	1032.26	1032.25	1032.21	1032.20	1032.25	1032.22
	22	1032.27	1032.27	1032.31	1032.36	1032.38	1032.40	1032.45	1032.52	1032.62	1032.75	1032.87	1032.75	1032.49
	23	1032.48	1032.41	1032.40	1032.40	1032.45	1032.47	1032.46	1032.45	1032.47	1032.54	1032.62	1032.64	1032.48

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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	1032.69	1032.68	1032.68	1032.65	1032.58	1032.51	1032.47	1032.48	1032.53	1032.62	1032.70	1032.78	1032.61
	1	1032.89	1033.06	1033.13	1033.00	1032.94	1032.97	1032.90	1032.85	1032.86	1032.83	1032.77	1032.77	1032.91
	2	1032.78	1032.75	1032.72	1032.69	1032.61	1032.55	1032.56	1032.54	1032.52	1032.52	1032.58	1032.68	1032.62
	3	1032.65	1032.59	1032.62	1032.65	1032.69	1032.71	1032.70	1032.74	1032.80	1032.82	1032.77	1032.76	1032.71
	4	1032.75	1032.69	1032.62	1032.55	1032.54	1032.62	1032.69	1032.73	1032.75	1032.75	1032.75	1032.73	1032.68
	5	1032.73	1032.77	1032.79	1032.77	1032.76	1032.79	1032.81	1032.82	1032.84	1032.87	1032.88	1032.88	1032.81
	6	1032.88	1032.89	1032.89	1032.85	1032.81	1032.77	1032.69	1032.67	1032.68	1032.71	1032.78	1032.86	1032.79
	7	1032.97	1033.11	1033.21	1033.29	1033.37	1033.41	1033.41	1033.38	1033.39	1033.47	1033.58	1033.66	1033.35
	8	1033.65	1033.63	1033.62	1033.60	1033.57	1033.55	1033.55	1033.60	1033.64	1033.65	1033.66	1033.69	1033.61
	9	1033.72	1033.71	1033.69	1033.66	1033.59	1033.54	1033.57	1033.58	1033.51	1033.43	1033.34	1033.26	1033.55
	10	1033.19	1033.18	1033.21	1033.15	1033.10	1033.11	1033.09	1033.03	1032.96	1032.88	1032.79	1032.72	1033.03
	11	1032.66	1032.58	1032.49	1032.38	1032.29	1032.19	1032.08	1031.96	1031.86	1031.74	1031.65	1031.60	1032.12
	12	1031.51	1031.41	1031.35	1031.29	1031.22	1031.16	1031.09	1031.02	1030.99	1030.95	1030.87	1030.77	1031.13
	13	1030.71	1030.67	1030.64	1030.65	1030.64	1030.63	1030.65	1030.66	1030.66	1030.67	1030.64	1030.58	1030.65
	14	1030.53	1030.52	1030.50	1030.46	1030.41	1030.38	1030.39	1030.39	1030.34	1030.26	1030.22	1030.19	1030.38
	15	1030.13	1030.12	1030.14	1030.17	1030.17	1030.13	1030.14	1030.15	1030.13	1030.11	1030.06	1029.99	1030.12
	16	1029.94	1029.88	1029.83	1029.75	1029.63	1029.53	1029.45	1029.41	1029.34	1029.34	1029.42	1029.44	1029.58
	17	1029.42	1029.44	1029.41	1029.36	1029.32	1029.32	1029.34	1029.33	1029.40	1029.41	1029.37	1029.38	1029.37
	18	1029.31	1029.23	1029.18	1029.11	1029.10	1029.09	1029.08	1029.11	1029.09	1029.02	1028.94	1028.87	1029.09
	19	1028.83	1028.78	1028.75	1028.72	1028.71	1028.69	1028.67	1028.64	1028.60	1028.57	1028.58	1028.58	1028.67
	20	1028.52	1028.43	1028.34	1028.27	1028.23	1028.19	1028.11	1028.02	1027.92	1027.84	1027.77	1027.67	1028.11
	21	1027.56	1027.50	1027.45	1027.40	1027.37	1027.39	1027.43	1027.44	1027.42	1027.38	1027.30	1027.20	1027.40
	22	1027.16	1027.12	1027.02	1026.93	1026.86	1026.84	1026.79	1026.68	1026.62	1026.59	1026.53	1026.49	1026.80
	23	1026.42	1026.29	1026.19	1026.11	1026.03	1025.98	1025.95	1025.91	1025.84	1025.76	1025.70	1025.65	1025.98
20	0	1025.51	1025.46	1025.38	1025.30	1025.20	1025.09	1024.99	1024.92	1024.83	1024.75	1024.71	1024.67	1025.05
	1	1024.65	1024.62	1024.56	1024.54	1024.48	1024.36	1024.27	1024.25	1024.21	1024.12	1024.05	1023.99	1024.34
	2	1023.85	1023.69	1023.55	1023.42	1023.34	1023.26	1023.19	1023.10	1022.97	1022.82	1022.68	1022.59	1023.20
	3	1022.51	1022.44	1022.39	1022.29	1022.19	1022.09	1021.98	1021.92	1021.87	1021.82	1021.78	1021.72	1022.08
	4	1021.63	1021.53	1021.46	1021.40	1021.30	1021.19	1021.06	1020.96	1020.79	1020.69	1020.72	1020.70	1021.12
	5	1020.60	1020.53	1020.48	1020.36	1020.24	1020.14	1020.05	1019.99	1019.91	1019.90	1019.91	1019.87	1020.16
	6	1019.81	1019.69	1019.63	1019.63	1019.55	1019.41	1019.29	1019.23	1019.21	1019.17	1019.08	1019.00	1019.39
	7	1018.98	1018.93	1018.91	1018.92	1018.92	1018.93	1018.91	1018.83	1018.79	1018.77	1018.75	1018.68	1018.86
	8	1018.60	1018.51	1018.42	1018.33	1018.22	1018.16	1018.08	1018.04	1018.00	1017.87	1017.75	1017.64	1018.13
	9	1017.49	1017.38	1017.32	1017.33	1017.37	1017.40	1017.41	1017.43	1017.43	1017.37	1017.31	1017.23	1017.37
	10	1017.14	1017.07	1016.97	1016.81	1016.67	1016.58	1016.52	1016.39	1016.22	1016.13	1016.05	1015.94	1016.54
	11	1015.73	1015.54	1015.45	1015.37	1015.28	1015.17	1015.09	1015.01	1014.86	1014.69	1014.53	1014.38	1015.09
	12	1014.25	1014.08	1013.92	1013.83	1013.72	1013.71	1013.73	1013.65	1013.52	1013.36	1013.28	1013.24	1013.69
	13	1013.11	1013.02	1013.10	1013.20	1013.24	1013.19	1013.09	1013.00	1012.98	1013.03	1012.99	1012.91	1013.07
	14	1012.77	1012.64	1012.59	1012.54	1012.55	1012.66	1012.77	1012.90	1012.97	1012.98	1012.97	1012.95	1012.77
	15	1012.88	1012.76	1012.68	1012.62	1012.56	1012.59	1012.54	1012.40	1012.42	1012.50	1012.47	1012.43	1012.57
	16	1012.49	1012.54	1012.66	1012.68	1012.57	1012.48	1012.45	1012.58	1012.78	1012.84	1012.96	1013.19	1012.68
	17	1013.33	1013.42	1013.45	1013.45	1013.45	1013.37	1013.37	1013.46	1013.40	1013.32	1013.38	1013.47	1013.40
	18	1013.47	1013.42	1013.33	1013.24	1013.21	1013.13	1013.08	1013.08	1012.99	1012.88	1012.72	1012.62	1013.10
	19	1012.66	1012.61	1012.53	1012.49	1012.56	1012.63	1012.69	1012.73	1012.74	1012.81	1012.95	1013.07	1012.70
	20	1013.09	1013.09	1013.13	1013.14	1013.12	1013.12	1013.16	1013.18	1013.22	1013.27	1013.24	1013.25	1013.17
	21	1013.27	1013.26	1013.20	1013.14	1013.18	1013.27	1013.31	1013.32	1013.36	1013.39	1013.34	1013.26	1013.27
	22	1013.24	1013.21	1013.15	1013.10	1013.09	1013.19	1013.25	1013.21	1013.21	1013.17	1013.10	1013.09	1013.17
	23	1013.03	1012.94	1012.91	1012.92	1012.93	1012.88	1012.84	1012.81	1012.77	1012.76	1012.77	1012.75	1012.86

S.V.I.R.CO. Observatory - Pressure in hectoPascal – January 2012

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	1012.73	1012.77	1012.75	1012.72	1012.75	1012.79	1012.85	1012.81	1012.71	1012.74	1012.81	1012.82	1012.77
	1	1012.87	1013.00	1013.15	1013.24	1013.26	1013.21	1013.18	1013.23	1013.22	1013.20	1013.22	1013.14	1013.16
	2	1013.00	1012.86	1012.81	1012.78	1012.70	1012.71	1012.79	1012.81	1012.82	1012.81	1012.74	1012.64	1012.79
	3	1012.59	1012.53	1012.46	1012.39	1012.34	1012.38	1012.47	1012.56	1012.61	1012.59	1012.59	1012.64	1012.51
	4	1012.71	1012.76	1012.74	1012.78	1012.86	1012.82	1012.83	1012.98	1013.09	1013.15	1013.24	1013.33	1012.94
	5	1013.34	1013.33	1013.29	1013.29	1013.34	1013.35	1013.31	1013.25	1013.29	1013.41	1013.50	1013.53	1013.35
	6	1013.54	1013.59	1013.65	1013.67	1013.71	1013.75	1013.83	1013.92	1014.04	1014.21	1014.35	1014.44	1013.89
	7	1014.50	1014.58	1014.65	1014.75	1014.83	1014.82	1014.81	1014.80	1014.89	1015.02	1015.08	1015.12	1014.82
	8	1015.18	1015.30	1015.44	1015.50	1015.54	1015.61	1015.61	1015.54	1015.59	1015.70	1015.79	1015.85	1015.55
	9	1015.88	1015.92	1016.02	1016.17	1016.18	1016.11	1016.10	1016.12	1016.12	1016.14	1016.19	1016.23	1016.10
	10	1016.32	1016.37	1016.30	1016.29	1016.36	1016.40	1016.40	1016.38	1016.33	1016.25	1016.20	1016.20	1016.31
	11	1016.25	1016.32	1016.37	1016.36	1016.28	1016.20	1016.14	1016.12	1016.07	1016.05	1016.04	1016.02	1016.18
	12	1016.02	1015.96	1015.89	1015.83	1015.79	1015.76	1015.74	1015.72	1015.69	1015.66	1015.62	1015.58	1015.77
	13	1015.53	1015.51	1015.49	1015.45	1015.46	1015.54	1015.61	1015.64	1015.61	1015.54	1015.50	1015.49	1015.53
	14	1015.49	1015.53	1015.53	1015.49	1015.49	1015.49	1015.48	1015.50	1015.55	1015.54	1015.52	1015.56	1015.51
	15	1015.59	1015.60	1015.57	1015.48	1015.44	1015.44	1015.45	1015.51	1015.62	1015.65	1015.63	1015.68	1015.55
	16	1015.76	1015.80	1015.82	1015.87	1015.89	1015.89	1015.90	1015.98	1016.05	1016.11	1016.13	1016.13	1015.94
	17	1016.14	1016.15	1016.15	1016.17	1016.25	1016.30	1016.32	1016.38	1016.43	1016.41	1016.39	1016.41	1016.29
	18	1016.46	1016.47	1016.46	1016.46	1016.46	1016.49	1016.50	1016.53	1016.58	1016.58	1016.59	1016.60	1016.51
	19	1016.61	1016.65	1016.64	1016.60	1016.62	1016.63	1016.59	1016.55	1016.58	1016.66	1016.70	1016.70	1016.63
	20	1016.69	1016.68	1016.75	1016.87	1016.93	1016.89	1016.87	1016.88	1016.84	1016.83	1016.85	1016.87	1016.83
	21	1016.88	1016.87	1016.87	1016.85	1016.83	1016.81	1016.83	1016.91	1016.88	1016.80	1016.75	1016.72	1016.83
	22	1016.73	1016.71	1016.66	1016.63	1016.58	1016.53	1016.48	1016.45	1016.42	1016.38	1016.38	1016.34	1016.52
	23	1016.29	1016.22	1016.16	1016.14	1016.10	1015.99	1015.95	1015.96	1015.86	1015.83	1015.84	1015.77	1016.01
22	0	1015.72	1015.67	1015.65	1015.67	1015.64	1015.62	1015.64	1015.59	1015.44	1015.36	1015.30	1015.24	1015.53
	1	1015.17	1015.08	1015.08	1015.08	1015.00	1014.92	1014.91	1014.98	1015.01	1015.01	1014.96	1014.88	1015.00
	2	1014.81	1014.72	1014.66	1014.66	1014.66	1014.59	1014.59	1014.57	1014.53	1014.52	1014.43	1014.39	1014.59
	3	1014.40	1014.32	1014.21	1014.14	1014.07	1014.05	1014.06	1014.02	1013.96	1013.94	1013.97	1013.96	1014.09
	4	1013.92	1013.87	1013.78	1013.71	1013.69	1013.74	1013.76	1013.77	1013.81	1013.84	1013.86	1013.88	1013.80
	5	1013.88	1013.86	1013.85	1013.85	1013.86	1013.84	1013.79	1013.68	1013.57	1013.59	1013.59	1013.48	1013.73
	6	1013.36	1013.30	1013.30	1013.30	1013.17	1013.07	1013.07	1013.03	1012.98	1012.99	1013.01	1013.01	1013.13
	7	1013.01	1013.01	1013.05	1013.17	1013.34	1013.48	1013.59	1013.72	1013.79	1013.76	1013.71	1013.73	1013.44
	8	1013.78	1013.86	1013.89	1013.86	1013.85	1013.82	1013.84	1013.81	1013.77	1013.81	1013.83	1013.76	1013.82
	9	1013.79	1013.92	1014.00	1014.01	1013.99	1013.99	1013.98	1013.98	1013.96	1013.94	1013.98	1013.98	1013.96
	10	1013.96	1013.93	1013.86	1013.80	1013.77	1013.72	1013.68	1013.63	1013.59	1013.54	1013.44	1013.38	1013.69
	11	1013.35	1013.34	1013.31	1013.26	1013.25	1013.26	1013.26	1013.26	1013.22	1013.18	1013.14	1013.04	1013.24
	12	1012.99	1013.02	1012.98	1012.93	1012.90	1012.88	1012.88	1012.86	1012.85	1012.84	1012.81	1012.76	1012.89
	13	1012.71	1012.66	1012.60	1012.57	1012.59	1012.63	1012.67	1012.67	1012.67	1012.69	1012.63	1012.59	1012.64
	14	1012.58	1012.63	1012.68	1012.65	1012.65	1012.69	1012.71	1012.70	1012.69	1012.66	1012.60	1012.57	1012.65
	15	1012.54	1012.56	1012.58	1012.59	1012.66	1012.70	1012.71	1012.72	1012.71	1012.71	1012.73	1012.75	1012.66
	16	1012.78	1012.82	1012.85	1012.86	1012.86	1012.86	1012.88	1012.92	1012.94	1012.92	1012.92	1012.93	1012.88
	17	1012.94	1012.93	1012.90	1012.88	1012.86	1012.82	1012.80	1012.75	1012.66	1012.67	1012.69	1012.69	1012.80
	18	1012.71	1012.71	1012.73	1012.77	1012.81	1012.86	1012.87	1012.82	1012.78	1012.76	1012.81	1012.86	1012.79
	19	1012.85	1012.86	1012.90	1012.90	1012.90	1012.92	1012.95	1012.99	1012.99	1012.96	1012.94	1012.90	1012.92
	20	1012.89	1012.95	1012.96	1012.95	1012.96	1012.96	1012.93	1012.94	1012.95	1012.94	1012.96	1013.02	1012.95
	21	1013.04	1013.02	1013.02	1013.02	1013.06	1013.13	1013.15	1013.16	1013.21	1013.24	1013.22	1013.20	1013.12
	22	1013.25	1013.29	1013.33	1013.36	1013.35	1013.37	1013.36	1013.34	1013.31	1013.25	1013.23	1013.25	1013.31
	23	1013.27	1013.28	1013.31	1013.34	1013.35	1013.36	1013.36	1013.36	1013.34	1013.33	1013.32	1013.28	1013.32

S.V.I.R.CO. Observatory - Pressure in hectoPascal – January 2012

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	1013.23	1013.24	1013.24	1013.25	1013.25	1013.23	1013.23	1013.23	1013.23	1013.23	1013.24	1013.22	1013.23
	1	1013.19	1013.21	1013.19	1013.16	1013.11	1013.07	1013.06	1013.05	1013.06	1013.07	1013.06	1013.05	1013.10
	2	1013.02	1012.98	1012.96	1012.94	1012.93	1012.93	1012.91	1012.89	1012.87	1012.82	1012.80	1012.81	1012.90
	3	1012.81	1012.79	1012.78	1012.78	1012.76	1012.75	1012.74	1012.75	1012.75	1012.74	1012.73	1012.73	1012.76
	4	1012.69	1012.66	1012.64	1012.60	1012.59	1012.58	1012.56	1012.54	1012.52	1012.51	1012.51	1012.51	1012.57
	5	1012.53	1012.54	1012.53	1012.54	1012.56	1012.58	1012.59	1012.59	1012.60	1012.60	1012.60	1012.61	1012.57
	6	1012.60	1012.60	1012.61	1012.63	1012.61	1012.60	1012.65	1012.71	1012.73	1012.73	1012.74	1012.79	1012.66
	7	1012.85	1012.90	1012.95	1013.00	1013.03	1013.07	1013.12	1013.19	1013.24	1013.25	1013.27	1013.32	1013.10
	8	1013.36	1013.39	1013.39	1013.40	1013.42	1013.45	1013.49	1013.53	1013.55	1013.56	1013.58	1013.60	1013.47
	9	1013.63	1013.65	1013.67	1013.70	1013.71	1013.70	1013.68	1013.69	1013.70	1013.71	1013.71	1013.70	1013.69
	10	1013.68	1013.65	1013.63	1013.58	1013.53	1013.49	1013.45	1013.41	1013.37	1013.34	1013.29	1013.24	1013.47
	11	1013.22	1013.20	1013.16	1013.13	1013.08	1013.00	1012.93	1012.87	1012.79	1012.75	1012.73	1012.70	1012.96
	12	1012.64	1012.58	1012.55	1012.51	1012.46	1012.39	1012.33	1012.27	1012.21	1012.13	1012.07	1012.04	1012.35
	13	1011.99	1011.97	1011.97	1011.94	1011.89	1011.87	1011.85	1011.82	1011.79	1011.77	1011.74	1011.71	1011.86
	14	1011.70	1011.69	1011.68	1011.70	1011.72	1011.72	1011.69	1011.69	1011.69	1011.67	1011.63	1011.62	1011.68
	15	1011.62	1011.60	1011.59	1011.58	1011.57	1011.57	1011.56	1011.53	1011.52	1011.53	1011.51	1011.50	1011.55
	16	1011.50	1011.51	1011.53	1011.54	1011.56	1011.61	1011.66	1011.71	1011.75	1011.81	1011.86	1011.89	1011.66
	17	1011.92	1011.97	1012.01	1012.04	1012.06	1012.09	1012.13	1012.16	1012.19	1012.21	1012.23	1012.24	1012.10
	18	1012.27	1012.31	1012.36	1012.38	1012.40	1012.40	1012.39	1012.38	1012.36	1012.36	1012.39	1012.40	1012.36
	19	1012.39	1012.42	1012.45	1012.47	1012.47	1012.46	1012.47	1012.49	1012.49	1012.46	1012.45	1012.47	1012.45
	20	1012.50	1012.52	1012.49	1012.45	1012.44	1012.43	1012.44	1012.46	1012.47	1012.48	1012.49	1012.51	1012.47
	21	1012.54	1012.57	1012.58	1012.57	1012.56	1012.55	1012.56	1012.59	1012.59	1012.57	1012.57	1012.58	1012.57
	22	1012.57	1012.56	1012.59	1012.59	1012.55	1012.52	1012.49	1012.44	1012.40	1012.38	1012.38	1012.36	1012.48
	23	1012.34	1012.34	1012.31	1012.26	1012.22	1012.20	1012.18	1012.16	1012.14	1012.10	1012.04	1011.99	1012.19
24	0	1011.89	1011.90	1011.91	1011.90	1011.84	1011.77	1011.72	1011.68	1011.64	1011.65	1011.67	1011.68	1011.76
	1	1011.67	1011.64	1011.60	1011.55	1011.51	1011.51	1011.47	1011.39	1011.35	1011.34	1011.32	1011.33	1011.47
	2	1011.32	1011.25	1011.22	1011.21	1011.21	1011.19	1011.18	1011.18	1011.16	1011.12	1011.07	1011.00	1011.17
	3	1010.93	1010.89	1010.85	1010.83	1010.82	1010.79	1010.76	1010.72	1010.70	1010.72	1010.71	1010.71	1010.78
	4	1010.70	1010.67	1010.65	1010.71	1010.78	1010.78	1010.79	1010.80	1010.74	1010.70	1010.72	1010.72	1010.73
	5	1010.68	1010.69	1010.73	1010.74	1010.76	1010.76	1010.75	1010.78	1010.78	1010.74	1010.71	1010.67	1010.73
	6	1010.61	1010.56	1010.56	1010.59	1010.56	1010.53	1010.54	1010.49	1010.45	1010.49	1010.52	1010.55	1010.54
	7	1010.56	1010.54	1010.53	1010.54	1010.54	1010.52	1010.52	1010.52	1010.50	1010.50	1010.55	1010.56	1010.53
	8	1010.49	1010.43	1010.43	1010.47	1010.54	1010.58	1010.60	1010.61	1010.60	1010.59	1010.63	1010.65	1010.55
	9	1010.66	1010.66	1010.67	1010.67	1010.66	1010.68	1010.70	1010.72	1010.71	1010.66	1010.61	1010.60	1010.66
	10	1010.58	1010.55	1010.55	1010.54	1010.52	1010.49	1010.45	1010.40	1010.35	1010.31	1010.31	1010.30	1010.44
	11	1010.26	1010.23	1010.23	1010.22	1010.19	1010.16	1010.15	1010.14	1010.12	1010.11	1010.05	1009.96	1010.15
	12	1009.89	1009.83	1009.75	1009.68	1009.62	1009.58	1009.55	1009.50	1009.45	1009.40	1009.35	1009.26	1009.57
	13	1009.22	1009.23	1009.23	1009.19	1009.18	1009.21	1009.19	1009.11	1009.03	1008.97	1008.87	1008.78	1009.10
	14	1008.73	1008.67	1008.64	1008.65	1008.62	1008.54	1008.50	1008.49	1008.45	1008.44	1008.46	1008.52	1008.56
	15	1008.55	1008.55	1008.56	1008.60	1008.65	1008.67	1008.68	1008.70	1008.72	1008.76	1008.83	1008.85	1008.67
	16	1008.86	1008.91	1008.96	1008.99	1008.98	1009.00	1009.08	1009.22	1009.31	1009.40	1009.54	1009.64	1009.16
	17	1009.69	1009.75	1009.82	1009.88	1009.93	1010.01	1010.07	1010.15	1010.28	1010.37	1010.47	1010.58	1010.08
	18	1010.64	1010.71	1010.83	1010.93	1010.98	1011.01	1011.02	1011.04	1011.05	1011.07	1011.11	1011.16	1010.96
	19	1011.23	1011.28	1011.31	1011.39	1011.44	1011.47	1011.54	1011.61	1011.67	1011.65	1011.66	1011.72	1011.50
	20	1011.77	1011.84	1011.87	1011.91	1011.94	1011.94	1011.98	1012.03	1012.07	1012.11	1012.11	1012.11	1011.97
	21	1012.13	1012.16	1012.17	1012.17	1012.19	1012.23	1012.24	1012.26	1012.30	1012.32	1012.31	1012.37	1012.23
	22	1012.44	1012.50	1012.56	1012.61	1012.66	1012.66	1012.65	1012.67	1012.73	1012.81	1012.84	1012.87	1012.66
	23	1012.92	1012.99	1013.04	1013.07	1013.14	1013.20	1013.19	1013.14	1013.15	1013.25	1013.30	1013.32	1013.14

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
25	0	1013.49	1013.52	1013.58	1013.62	1013.63	1013.61	1013.64	1013.68	1013.69	1013.71	1013.69	1013.68	1013.63
	1	1013.69	1013.73	1013.84	1013.87	1013.81	1013.80	1013.82	1013.82	1013.80	1013.71	1013.63	1013.59	1013.76
	2	1013.59	1013.60	1013.60	1013.60	1013.61	1013.60	1013.60	1013.60	1013.60	1013.65	1013.71	1013.77	1013.63
	3	1013.83	1013.83	1013.80	1013.81	1013.75	1013.67	1013.65	1013.67	1013.67	1013.67	1013.66	1013.68	1013.72
	4	1013.72	1013.77	1013.84	1013.89	1013.91	1013.90	1013.89	1013.91	1013.93	1013.97	1013.98	1013.95	1013.89
	5	1013.92	1013.94	1014.00	1014.05	1014.13	1014.23	1014.35	1014.44	1014.51	1014.58	1014.60	1014.63	1014.28
	6	1014.72	1014.78	1014.84	1014.90	1014.93	1014.96	1015.03	1015.11	1015.13	1015.15	1015.20	1015.24	1015.00
	7	1015.27	1015.28	1015.29	1015.31	1015.33	1015.37	1015.41	1015.44	1015.48	1015.52	1015.54	1015.58	1015.40
	8	1015.63	1015.68	1015.75	1015.81	1015.83	1015.86	1015.86	1015.81	1015.81	1015.80	1015.76	1015.70	1015.77
	9	1015.66	1015.65	1015.65	1015.65	1015.68	1015.70	1015.70	1015.69	1015.67	1015.64	1015.61	1015.57	1015.65
	10	1015.53	1015.50	1015.45	1015.33	1015.23	1015.18	1015.10	1015.02	1014.97	1014.94	1014.92	1014.87	1015.17
	11	1014.82	1014.76	1014.69	1014.66	1014.64	1014.60	1014.54	1014.47	1014.46	1014.45	1014.42	1014.40	1014.57
	12	1014.34	1014.26	1014.27	1014.29	1014.21	1014.15	1014.08	1014.06	1014.08	1014.04	1014.02	1014.05	1014.15
	13	1014.08	1014.04	1014.01	1014.03	1014.06	1014.07	1014.10	1014.13	1014.11	1014.15	1014.19	1014.22	1014.10
	14	1014.26	1014.26	1014.27	1014.29	1014.28	1014.30	1014.27	1014.27	1014.33	1014.36	1014.38	1014.42	1014.31
	15	1014.44	1014.43	1014.42	1014.42	1014.45	1014.48	1014.51	1014.58	1014.64	1014.72	1014.81	1014.87	1014.56
	16	1014.95	1015.02	1015.07	1015.13	1015.22	1015.29	1015.34	1015.40	1015.45	1015.50	1015.56	1015.63	1015.29
	17	1015.66	1015.74	1015.84	1015.92	1016.01	1016.09	1016.15	1016.19	1016.22	1016.23	1016.23	1016.26	1016.04
	18	1016.31	1016.37	1016.39	1016.38	1016.39	1016.40	1016.41	1016.41	1016.40	1016.38	1016.38	1016.38	1016.38
	19	1016.38	1016.39	1016.42	1016.47	1016.49	1016.48	1016.49	1016.53	1016.60	1016.65	1016.67	1016.69	1016.52
	20	1016.73	1016.75	1016.75	1016.77	1016.80	1016.84	1016.86	1016.88	1016.87	1016.89	1016.89	1016.87	1016.82
	21	1016.88	1016.89	1016.87	1016.82	1016.80	1016.80	1016.77	1016.72	1016.68	1016.68	1016.70	1016.71	1016.77
	22	1016.71	1016.73	1016.74	1016.74	1016.76	1016.79	1016.80	1016.79	1016.79	1016.80	1016.83	1016.83	1016.77
	23	1016.81	1016.81	1016.83	1016.83	1016.80	1016.81	1016.81	1016.81	1016.82	1016.83	1016.82	1016.80	1016.81
26	0	1016.73	1016.71	1016.68	1016.67	1016.67	1016.65	1016.63	1016.64	1016.65	1016.65	1016.64	1016.62	1016.66
	1	1016.54	1016.47	1016.43	1016.42	1016.39	1016.38	1016.37	1016.35	1016.36	1016.39	1016.41	1016.42	1016.41
	2	1016.44	1016.46	1016.43	1016.44	1016.46	1016.45	1016.42	1016.37	1016.33	1016.35	1016.35	1016.30	1016.40
	3	1016.28	1016.26	1016.26	1016.27	1016.28	1016.27	1016.26	1016.29	1016.33	1016.34	1016.32	1016.29	1016.29
	4	1016.28	1016.27	1016.27	1016.28	1016.32	1016.38	1016.48	1016.56	1016.59	1016.63	1016.70	1016.78	1016.46
	5	1016.82	1016.89	1016.99	1017.02	1017.03	1017.06	1017.07	1017.05	1017.07	1017.11	1017.17	1017.23	1017.04
	6	1017.24	1017.25	1017.29	1017.29	1017.34	1017.42	1017.47	1017.53	1017.58	1017.61	1017.65	1017.74	1017.45
	7	1017.86	1017.91	1017.95	1018.03	1018.09	1018.12	1018.14	1018.18	1018.22	1018.22	1018.19	1018.16	1018.09
	8	1018.17	1018.19	1018.19	1018.21	1018.21	1018.19	1018.17	1018.18	1018.19	1018.21	1018.21	1018.22	1018.19
	9	1018.24	1018.27	1018.33	1018.38	1018.42	1018.41	1018.42	1018.42	1018.38	1018.34	1018.32	1018.30	1018.35
	10	1018.24	1018.18	1018.16	1018.15	1018.11	1018.10	1018.05	1017.96	1017.91	1017.87	1017.82	1017.79	1018.03
	11	1017.76	1017.71	1017.66	1017.60	1017.56	1017.52	1017.48	1017.45	1017.40	1017.35	1017.30	1017.27	1017.50
	12	1017.24	1017.19	1017.18	1017.13	1017.04	1016.98	1016.92	1016.86	1016.81	1016.79	1016.78	1016.76	1016.97
	13	1016.74	1016.70	1016.62	1016.53	1016.48	1016.47	1016.50	1016.54	1016.53	1016.51	1016.52	1016.55	1016.56
	14	1016.58	1016.59	1016.62	1016.64	1016.62	1016.62	1016.61	1016.61	1016.63	1016.64	1016.66	1016.69	1016.62
	15	1016.71	1016.71	1016.72	1016.74	1016.79	1016.85	1016.90	1016.94	1017.01	1017.07	1017.10	1017.12	1016.89
	16	1017.13	1017.13	1017.12	1017.11	1017.12	1017.15	1017.20	1017.26	1017.31	1017.35	1017.38	1017.46	1017.22
	17	1017.56	1017.62	1017.67	1017.73	1017.78	1017.80	1017.82	1017.82	1017.84	1017.90	1017.97	1018.02	1017.79
	18	1018.03	1018.05	1018.07	1018.09	1018.10	1018.13	1018.18	1018.21	1018.24	1018.28	1018.33	1018.38	1018.17
	19	1018.36	1018.28	1018.26	1018.28	1018.33	1018.36	1018.38	1018.42	1018.49	1018.59	1018.63	1018.64	1018.42
	20	1018.69	1018.77	1018.85	1018.92	1018.96	1019.02	1019.09	1019.13	1019.16	1019.14	1019.16	1019.23	1019.01
	21	1019.28	1019.31	1019.34	1019.37	1019.42	1019.46	1019.51	1019.56	1019.58	1019.64	1019.70	1019.75	1019.49
	22	1019.83	1019.87	1019.89	1019.92	1019.95	1019.97	1019.99	1020.03	1020.06	1020.06	1020.07	1020.13	1019.98
	23	1020.16	1020.14	1020.14	1020.14	1020.12	1020.09	1020.05	1020.03	1020.07	1020.08	1020.10	1020.18	1020.11

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
27	0	1020.19	1020.22	1020.26	1020.27	1020.24	1020.28	1020.35	1020.39	1020.40	1020.45	1020.53	1020.54	1020.35
	1	1020.57	1020.64	1020.68	1020.68	1020.66	1020.65	1020.68	1020.73	1020.78	1020.81	1020.81	1020.80	1020.70
	2	1020.75	1020.69	1020.69	1020.72	1020.72	1020.70	1020.71	1020.70	1020.64	1020.60	1020.67	1020.77	1020.69
	3	1020.80	1020.77	1020.75	1020.76	1020.79	1020.85	1020.87	1020.91	1020.99	1021.03	1021.05	1021.04	1020.88
	4	1021.08	1021.13	1021.12	1021.10	1021.09	1021.08	1021.10	1021.12	1021.13	1021.13	1021.16	1021.21	1021.12
	5	1021.24	1021.26	1021.31	1021.35	1021.42	1021.52	1021.58	1021.61	1021.68	1021.70	1021.72	1021.77	1021.51
	6	1021.81	1021.88	1021.93	1021.96	1022.01	1022.02	1022.03	1022.03	1022.03	1022.05	1022.06	1022.09	1021.99
	7	1022.13	1022.16	1022.18	1022.21	1022.21	1022.25	1022.34	1022.38	1022.39	1022.41	1022.43	1022.45	1022.29
	8	1022.46	1022.49	1022.52	1022.54	1022.56	1022.60	1022.61	1022.62	1022.65	1022.69	1022.71	1022.74	1022.60
	9	1022.81	1022.88	1022.94	1023.01	1023.05	1023.07	1023.09	1023.11	1023.12	1023.13	1023.16	1023.17	1023.04
	10	1023.14	1023.12	1023.11	1023.10	1023.07	1023.06	1023.05	1022.99	1022.91	1022.86	1022.84	1022.81	1023.00
	11	1022.78	1022.72	1022.65	1022.59	1022.55	1022.53	1022.49	1022.45	1022.38	1022.31	1022.28	1022.26	1022.50
	12	1022.21	1022.14	1022.10	1022.07	1022.01	1021.94	1021.88	1021.84	1021.79	1021.75	1021.71	1021.69	1021.93
	13	1021.66	1021.62	1021.58	1021.56	1021.55	1021.54	1021.54	1021.54	1021.53	1021.52	1021.52	1021.52	1021.56
	14	1021.52	1021.49	1021.44	1021.42	1021.40	1021.38	1021.38	1021.39	1021.41	1021.40	1021.39	1021.41	1021.42
	15	1021.43	1021.44	1021.45	1021.47	1021.47	1021.48	1021.50	1021.54	1021.58	1021.60	1021.63	1021.66	1021.52
	16	1021.66	1021.67	1021.68	1021.69	1021.70	1021.75	1021.79	1021.80	1021.83	1021.88	1021.93	1021.98	1021.78
	17	1022.01	1022.03	1022.04	1022.06	1022.12	1022.18	1022.23	1022.27	1022.33	1022.38	1022.40	1022.44	1022.21
	18	1022.47	1022.47	1022.50	1022.53	1022.55	1022.59	1022.64	1022.66	1022.67	1022.68	1022.70	1022.72	1022.60
	19	1022.74	1022.75	1022.78	1022.80	1022.79	1022.76	1022.74	1022.75	1022.74	1022.74	1022.76	1022.77	1022.76
	20	1022.79	1022.82	1022.81	1022.81	1022.80	1022.80	1022.82	1022.84	1022.83	1022.81	1022.81	1022.85	1022.81
	21	1022.90	1022.92	1022.93	1022.96	1022.97	1022.98	1023.00	1023.02	1023.05	1023.07	1023.08	1023.10	1023.00
	22	1023.15	1023.17	1023.19	1023.21	1023.22	1023.21	1023.20	1023.18	1023.19	1023.20	1023.19	1023.18	1023.19
	23	1023.17	1023.15	1023.11	1023.09	1023.06	1023.03	1023.03	1023.04	1023.02	1022.99	1022.98	1022.95	1023.05
28	0	1022.93	1022.93	1022.94	1022.98	1023.02	1023.03	1023.03	1023.04	1023.06	1023.07	1023.07	1023.10	1023.02
	1	1023.14	1023.16	1023.17	1023.18	1023.18	1023.20	1023.20	1023.17	1023.13	1023.10	1023.09	1023.08	1023.15
	2	1023.08	1023.09	1023.10	1023.10	1023.08	1023.05	1023.00	1022.97	1022.96	1022.92	1022.89	1022.88	1023.01
	3	1022.89	1022.92	1022.93	1022.93	1022.94	1022.96	1022.97	1022.99	1023.01	1023.02	1023.03	1023.03	1022.97
	4	1023.03	1023.03	1023.04	1023.07	1023.08	1023.07	1023.06	1023.05	1023.05	1023.03	1023.01	1023.00	1023.04
	5	1022.99	1022.99	1023.02	1023.05	1023.06	1023.06	1023.06	1023.07	1023.08	1023.10	1023.13	1023.15	1023.06
	6	1023.16	1023.17	1023.16	1023.18	1023.20	1023.21	1023.22	1023.20	1023.20	1023.21	1023.22	1023.21	1023.19
	7	1023.20	1023.19	1023.17	1023.16	1023.16	1023.13	1023.10	1023.07	1023.04	1023.01	1022.99	1022.96	1023.10
	8	1022.93	1022.94	1022.94	1022.95	1022.95	1022.94	1022.94	1022.95	1022.99	1023.00	1022.97	1022.95	1022.95
	9	1022.96	1022.97	1022.98	1022.97	1022.94	1022.93	1022.94	1022.94	1022.92	1022.90	1022.87	1022.83	1022.93
	10	1022.80	1022.76	1022.74	1022.71	1022.65	1022.61	1022.56	1022.48	1022.38	1022.32	1022.27	1022.21	1022.54
	11	1022.16	1022.09	1022.02	1021.95	1021.87	1021.77	1021.68	1021.61	1021.52	1021.43	1021.35	1021.26	1021.73
	12	1021.20	1021.13	1021.06	1021.01	1020.96	1020.92	1020.87	1020.82	1020.76	1020.67	1020.60	1020.54	1020.88
	13	1020.48	1020.42	1020.39	1020.36	1020.32	1020.27	1020.22	1020.19	1020.15	1020.09	1020.04	1020.00	1020.24
	14	1019.97	1019.93	1019.92	1019.91	1019.88	1019.88	1019.86	1019.82	1019.78	1019.76	1019.75	1019.73	1019.85
	15	1019.72	1019.71	1019.70	1019.68	1019.66	1019.65	1019.65	1019.65	1019.66	1019.66	1019.65	1019.64	1019.67
	16	1019.64	1019.63	1019.58	1019.55	1019.56	1019.58	1019.59	1019.58	1019.57	1019.56	1019.55	1019.55	1019.58
	17	1019.55	1019.54	1019.51	1019.49	1019.46	1019.45	1019.46	1019.47	1019.48	1019.48	1019.49	1019.50	1019.49
	18	1019.48	1019.44	1019.41	1019.39	1019.39	1019.40	1019.39	1019.39	1019.39	1019.37	1019.36	1019.34	1019.39
	19	1019.34	1019.37	1019.41	1019.42	1019.41	1019.40	1019.39	1019.37	1019.35	1019.32	1019.28	1019.25	1019.36
	20	1019.22	1019.17	1019.13	1019.10	1019.05	1019.01	1018.96	1018.90	1018.87	1018.85	1018.82	1018.78	1018.99
	21	1018.72	1018.66	1018.65	1018.63	1018.59	1018.58	1018.57	1018.53	1018.48	1018.44	1018.41	1018.40	1018.55
	22	1018.41	1018.39	1018.37	1018.35	1018.33	1018.30	1018.28	1018.23	1018.20	1018.21	1018.22	1018.22	1018.29
	23	1018.18	1018.15	1018.11	1018.00	1017.91	1017.84	1017.75	1017.72	1017.70	1017.64	1017.58	1017.52	1017.84

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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	1017.43	1017.43	1017.42	1017.38	1017.34	1017.30	1017.28	1017.30	1017.25	1017.20	1017.18	1017.16	1017.30
	1	1017.17	1017.17	1017.16	1017.12	1017.07	1017.03	1017.00	1016.97	1016.92	1016.84	1016.78	1016.75	1017.00
	2	1016.71	1016.67	1016.63	1016.58	1016.53	1016.47	1016.42	1016.36	1016.32	1016.31	1016.26	1016.19	1016.45
	3	1016.11	1016.05	1016.03	1016.01	1015.97	1015.93	1015.91	1015.89	1015.86	1015.84	1015.80	1015.75	1015.93
	4	1015.73	1015.70	1015.66	1015.64	1015.61	1015.57	1015.53	1015.52	1015.52	1015.51	1015.50	1015.47	1015.58
	5	1015.44	1015.43	1015.42	1015.41	1015.40	1015.39	1015.36	1015.34	1015.33	1015.32	1015.31	1015.33	1015.37
	6	1015.33	1015.30	1015.29	1015.29	1015.28	1015.26	1015.23	1015.23	1015.26	1015.29	1015.32	1015.37	1015.29
	7	1015.39	1015.40	1015.42	1015.43	1015.43	1015.44	1015.46	1015.49	1015.53	1015.53	1015.49	1015.46	1015.45
	8	1015.45	1015.45	1015.45	1015.48	1015.52	1015.55	1015.57	1015.56	1015.57	1015.59	1015.58	1015.58	1015.53
	9	1015.59	1015.59	1015.61	1015.62	1015.63	1015.64	1015.65	1015.67	1015.67	1015.70	1015.74	1015.75	1015.65
	10	1015.71	1015.67	1015.62	1015.56	1015.50	1015.44	1015.38	1015.34	1015.28	1015.24	1015.22	1015.20	1015.43
	11	1015.16	1015.12	1015.07	1015.02	1014.99	1014.93	1014.86	1014.81	1014.76	1014.70	1014.66	1014.61	1014.89
	12	1014.55	1014.50	1014.47	1014.42	1014.35	1014.31	1014.29	1014.28	1014.24	1014.17	1014.12	1014.08	1014.31
	13	1014.04	1014.02	1013.99	1013.95	1013.92	1013.88	1013.84	1013.80	1013.78	1013.76	1013.73	1013.71	1013.87
	14	1013.69	1013.70	1013.70	1013.69	1013.67	1013.69	1013.72	1013.74	1013.72	1013.71	1013.71	1013.71	1013.70
	15	1013.72	1013.71	1013.68	1013.64	1013.63	1013.65	1013.66	1013.68	1013.69	1013.70	1013.70	1013.71	1013.68
	16	1013.76	1013.82	1013.85	1013.88	1013.90	1013.92	1013.94	1013.96	1014.00	1014.02	1014.02	1014.06	1013.93
	17	1014.08	1014.06	1014.07	1014.09	1014.12	1014.18	1014.21	1014.21	1014.24	1014.29	1014.34	1014.38	1014.19
	18	1014.42	1014.45	1014.47	1014.52	1014.54	1014.56	1014.59	1014.60	1014.61	1014.61	1014.61	1014.62	1014.55
	19	1014.61	1014.60	1014.59	1014.57	1014.55	1014.54	1014.54	1014.54	1014.56	1014.57	1014.57	1014.54	1014.56
	20	1014.52	1014.51	1014.49	1014.47	1014.42	1014.39	1014.40	1014.37	1014.37	1014.36	1014.31	1014.28	1014.41
	21	1014.30	1014.33	1014.34	1014.33	1014.35	1014.37	1014.37	1014.39	1014.38	1014.40	1014.47	1014.50	1014.37
	22	1014.51	1014.53	1014.54	1014.56	1014.60	1014.64	1014.67	1014.68	1014.68	1014.70	1014.69	1014.71	1014.62
	23	1014.75	1014.72	1014.68	1014.66	1014.64	1014.65	1014.67	1014.67	1014.65	1014.64	1014.61	1014.60	1014.66
30	0	1014.58	1014.59	1014.60	1014.56	1014.54	1014.56	1014.57	1014.55	1014.54	1014.53	1014.55	1014.57	1014.56
	1	1014.55	1014.56	1014.57	1014.55	1014.54	1014.54	1014.53	1014.55	1014.57	1014.55	1014.50	1014.47	1014.54
	2	1014.43	1014.37	1014.38	1014.37	1014.31	1014.30	1014.29	1014.21	1014.14	1014.10	1014.12	1014.16	1014.26
	3	1014.16	1014.11	1014.05	1014.02	1014.03	1014.06	1014.09	1014.12	1014.18	1014.22	1014.20	1014.17	1014.11
	4	1014.16	1014.14	1014.15	1014.18	1014.20	1014.20	1014.18	1014.19	1014.22	1014.19	1014.13	1014.11	1014.17
	5	1014.12	1014.10	1014.09	1014.12	1014.14	1014.16	1014.15	1014.12	1014.10	1014.08	1014.07	1014.08	1014.11
	6	1014.09	1014.10	1014.13	1014.15	1014.21	1014.28	1014.34	1014.40	1014.47	1014.46	1014.46	1014.52	1014.30
	7	1014.58	1014.61	1014.62	1014.66	1014.69	1014.67	1014.67	1014.73	1014.72	1014.71	1014.75	1014.78	1014.68
	8	1014.80	1014.80	1014.80	1014.80	1014.78	1014.80	1014.80	1014.78	1014.80	1014.81	1014.82	1014.82	1014.80
	9	1014.78	1014.75	1014.74	1014.77	1014.77	1014.75	1014.75	1014.74	1014.71	1014.67	1014.65	1014.62	1014.72
	10	1014.59	1014.60	1014.63	1014.61	1014.56	1014.50	1014.47	1014.46	1014.40	1014.34	1014.30	1014.23	1014.47
	11	1014.19	1014.17	1014.13	1014.09	1014.05	1014.04	1013.98	1013.91	1013.86	1013.79	1013.75	1013.70	1013.97
	12	1013.66	1013.58	1013.50	1013.44	1013.35	1013.30	1013.27	1013.25	1013.21	1013.15	1013.10	1013.07	1013.32
	13	1013.05	1012.99	1012.94	1012.91	1012.91	1012.93	1012.91	1012.90	1012.88	1012.87	1012.90	1012.93	1012.92
	14	1012.94	1012.94	1012.96	1012.96	1012.96	1012.97	1012.95	1012.94	1012.97	1013.00	1013.02	1013.04	1012.97
	15	1013.07	1013.06	1013.03	1013.03	1013.04	1013.03	1013.04	1013.05	1013.04	1013.06	1013.11	1013.13	1013.05
	16	1013.14	1013.18	1013.20	1013.21	1013.24	1013.29	1013.34	1013.42	1013.50	1013.57	1013.62	1013.67	1013.36
	17	1013.72	1013.78	1013.82	1013.84	1013.89	1013.94	1014.01	1014.12	1014.18	1014.24	1014.32	1014.37	1014.02
	18	1014.41	1014.42	1014.43	1014.46	1014.48	1014.51	1014.54	1014.58	1014.60	1014.62	1014.65	1014.69	1014.53
	19	1014.74	1014.77	1014.82	1014.86	1014.88	1014.92	1014.97	1015.01	1015.05	1015.08	1015.10	1015.14	1014.94
	20	1015.20	1015.26	1015.31	1015.32	1015.31	1015.32	1015.32	1015.34	1015.37	1015.40	1015.40	1015.39	1015.33
	21	1015.42	1015.44	1015.44	1015.44	1015.46	1015.47	1015.48	1015.46	1015.45	1015.48	1015.54	1015.60	1015.47
	22	1015.63	1015.67	1015.71	1015.71	1015.70	1015.70	1015.70	1015.70	1015.69	1015.67	1015.66	1015.69	1015.69
	23	1015.73	1015.75	1015.75	1015.74	1015.70	1015.68	1015.66	1015.64	1015.63	1015.62	1015.61	1015.61	1015.67

S.V.I.R.CO. Observatory - Pressure in hectoPascal – January 2012

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
31	0	1015.62	1015.65	1015.67	1015.66	1015.67	1015.71	1015.73	1015.71	1015.70	1015.71	1015.75	1015.80	1015.70
	1	1015.81	1015.81	1015.83	1015.84	1015.83	1015.84	1015.81	1015.73	1015.74	1015.79	1015.78	1015.74	1015.79
	2	1015.70	1015.65	1015.65	1015.66	1015.61	1015.57	1015.53	1015.46	1015.44	1015.42	1015.40	1015.36	1015.53
	3	1015.28	1015.22	1015.19	1015.22	1015.25	1015.24	1015.25	1015.26	1015.26	1015.24	1015.21	1015.18	1015.23
	4	1015.16	1015.16	1015.15	1015.10	1015.04	1015.02	1015.07	1015.09	1015.07	1015.08	1015.10	1015.10	1015.09
	5	1015.11	1015.16	1015.19	1015.22	1015.23	1015.21	1015.19	1015.19	1015.21	1015.26	1015.26	1015.24	1015.20
	6	1015.23	1015.21	1015.25	1015.29	1015.29	1015.29	1015.31	1015.37	1015.39	1015.41	1015.45	1015.45	1015.33
	7	1015.44	1015.50	1015.58	1015.62	1015.69	1015.75	1015.81	1015.88	1015.88	1015.85	1015.91	1015.99	1015.74
	8	1016.03	1016.05	1016.07	1016.11	1016.17	1016.17	1016.16	1016.19	1016.21	1016.22	1016.25	1016.27	1016.16
	9	1016.26	1016.25	1016.27	1016.29	1016.30	1016.33	1016.33	1016.32	1016.36	1016.41	1016.42	1016.42	1016.33
	10	1016.40	1016.38	1016.36	1016.32	1016.32	1016.36	1016.38	1016.41	1016.40	1016.39	1016.38	1016.33	1016.37
	11	1016.29	1016.29	1016.29	1016.26	1016.21	1016.16	1016.08	1016.02	1015.97	1015.94	1015.91	1015.88	1016.11
	12	1015.81	1015.75	1015.71	1015.63	1015.53	1015.45	1015.39	1015.34	1015.26	1015.18	1015.13	1015.10	1015.44
	13	1015.08	1015.03	1014.99	1014.98	1014.96	1014.98	1014.97	1014.93	1014.92	1014.91	1014.90	1014.87	1014.96
	14	1014.86	1014.87	1014.87	1014.82	1014.80	1014.79	1014.77	1014.75	1014.74	1014.73	1014.75	1014.77	1014.79
	15	1014.75	1014.76	1014.77	1014.75	1014.73	1014.70	1014.66	1014.64	1014.63	1014.63	1014.61	1014.55	1014.68
	16	1014.50	1014.46	1014.44	1014.42	1014.42	1014.41	1014.35	1014.32	1014.32	1014.30	1014.31	1014.32	1014.38
	17	1014.33	1014.34	1014.35	1014.37	1014.40	1014.41	1014.40	1014.44	1014.49	1014.52	1014.53	1014.55	1014.42
	18	1014.54	1014.50	1014.45	1014.36	1014.26	1014.20	1014.12	1014.04	1013.97	1013.93	1013.92	1013.89	1014.18
	19	1013.84	1013.77	1013.71	1013.66	1013.61	1013.58	1013.53	1013.49	1013.46	1013.43	1013.40	1013.38	1013.57
	20	1013.36	1013.32	1013.28	1013.30	1013.30	1013.25	1013.18	1013.10	1013.04	1012.98	1012.91	1012.83	1013.15
	21	1012.79	1012.74	1012.70	1012.65	1012.58	1012.47	1012.37	1012.32	1012.26	1012.19	1012.14	1012.07	1012.44
	22	1012.01	1011.97	1011.93	1011.87	1011.81	1011.74	1011.66	1011.58	1011.51	1011.39	1011.27	1011.17	1011.66
	23	1011.07	1010.97	1010.87	1010.73	1010.59	1010.48	1010.38	1010.22	1010.03	1009.91	1009.83	1009.76	1010.40

