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SVIRCO Prompt Report: December 2013

Fabrizio Signoretti and Francesco Re

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ISTITUTO DI ASTROFISICA E PLANETOLOGIA SPAZIALI

AREA DI RICERCA ROMA - TOR VERGATA

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

SVIRCO Prompt Report: December 2013

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 December 2013 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 0 m a.s.l.).

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

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

Each of the 20 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:

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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 - December 2013								20 NM-64		
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
1	0	45428	45607	45258	45357	45148	44984	45966	45254	45048	45219	44644	45197	98.413
	1	44447	45505	45003	44875	45078	45386	45528	45889	44794	44940	45414	45282	98.244
	2	45222	45378	45363	45202	44979	44916	45475	45085	45503	45176	44913	44746	98.210
	3	45343	44954	44859	45436	45031	44242	44897	44523	45000	45178	44561	45047	97.688
	4	45533	45365	44855	45111	45086	45718	46035	45463	45638	45432	45073	44969	98.631
	5	45093	44732	44936	45390	45965	45047	44999	45453	45122	45252	45394	45318	98.345
	6	46016	45143	45364	45552	45180	45721	46183	45675	46250	45664	45977	45650	99.373
	7	45244	45153	45852	46593	45521	45082	46012	45883	45701	46053	45385	45737	99.345
	8	46428	45766	46019	45643	45710	45567	45338	45750	45806	45806	46153	45983	99.662
	9	45637	45775	45739	45489	45685	45586	45181	45635	46134	45603	45137	45410	99.126
	10	45258	45889	46135	44732	45907	45716	45356	45332	45875	45265	45860	45214	99.041
	11	45423	45480	45253	45467	45589	45057	45870	46046	45404	45678	45529	45175	98.938
	12	45513	45260	45804	45418	45772	45316	45424	45778	45243	45418	45711	45928	99.050
	13	45599	45231	45130	45993	44675	44699	45627	45121	45720	45100	45192	44756	98.371
	14	45653	45038	45346	45395	45331	45395	45201	45506	45488	45212	45388	45240	98.615
	15	45903	45277	45213	45464	45488	44925	45466	45336	44799	45515	44996	45196	98.504
	16	45069	45004	45110	44520	45905	45034	45700	45541	45302	45590	45692	45132	98.508
	17	44943	44653	45206	44733	45718	45194	45401	44830	44871	45096	45101	45230	98.033
	18	44989	44559	44682	44477	45143	44769	45329	45138	45096	45383	44757	45390	97.803
	19	44496	44534	44325	44596	44811	45192	45085	44688	45416	45225	45271	44941	97.598
	20	44665	44329	44635	44803	44987	44788	44711	45065	44654	44856	44675	45561	97.444
	21	44624	44739	45225	45244	45024	45266	45174	45223	45142	45038	44133	44613	97.755
	22	45006	44329	44306	44555	44865	45166	45205	44755	45803	45393	45148	44755	97.727
	23	44767	45131	44873	44427	44467	45282	45119	44832	44995	44482	44997	45336	97.621
2	0	45245	45101	45139	45308	44919	44903	45078	44911	45120	45529	44980	45355	98.145
	1	44429	45266	45098	45320	44650	44781	44857	44683	44610	45209	45085	45131	97.696
	2	45472	45309	44981	44985	44788	45085	44930	45255	45064	44691	44803	44832	97.891
	3	45093	44902	45058	45106	44834	44540	45343	44903	45022	45480	44835	44758	97.833
	4	44702	44974	45088	44619	44927	45223	44931	45388	44411	45075	45375	45516	97.898
	5	44229	45227	44685	44994	44897	45122	44933	45134	44746	44698	45079	45417	97.703
	6	45223	44415	45478	44417	44882	45652	45076	44853	45335	45273	45802	45137	98.135
	7	44982	44713	45014	44489	45073	44943	44777	45283	45102	44557	44544	44960	97.572
	8	44940	45253	45349	44802	44789	45330	44536	45517	45096	44903	45180	45049	97.991
	9	45408	45124	44596	44588	44858	44912	44837	44912	44710	45221	45137	45179	97.762
	10	44748	44873	44733	44510	45123	45490	44395	44706	44830	44866	45016	44659	97.484
	11	44727	45451	45384	44821	45525	44962	44732	45301	44561	44707	44967	45036	97.888
	12	45279	44403	44694	44771	44727	44747	44988	45087	45361	44182	45161	44846	97.538
	13	45461	45251	44704	44672	45018	44811	44353	44805	44681	44895	45108	45181	97.664
	14	44681	44385	45276	44660	44908	45166	45282	44404	44592	44701	44451	44118	97.245
	15	44519	44336	44851	44363	44763	45089	44859	44690	44844	45004	44677	44666	97.250
	16	45047	45117	44919	45384	45161	45235	44830	44722	44481	44352	44831	44600	97.617
	17	45214	45325	44433	44831	44421	44854	45155	44523	45126	44442	43953	45084	97.378
	18	44903	45002	44696	44685	44447	44432	45336	44848	44345	45057	45095	45165	97.495
	19	45361	44666	44533	45272	44526	45088	44776	45036	44452	45354	44907	44894	97.650
	20	45354	45324	44798	45009	44550	45407	45167	44918	44560	44912	44961	44644	97.784
	21	44728	45105	45093	45050	44981	44515	44385	44101	44493	44459	44589	45145	97.248
	22	45063	45252	45474	44687	45327	44685	44800	45232	44995	44861	44835	45150	97.921
	23	45046	44456	44997	45456	44787	45079	44787	45152	45367	45111	44688	44932	97.830

INAF/UNIromaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2013											20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
3	0	45151	44553	45303	44396	45419	44576	44951	44638	45540	44953	44812	45541	97.825
	1	45421	44890	44660	45378	45475	44900	45068	45371	44475	44849	45338	45506	98.097
	2	44922	44434	44262	44937	44999	44417	45352	45876	44814	44993	44769	44857	97.608
	3	45308	45184	45404	44736	45331	45381	44998	45319	44803	45633	45445	45598	98.425
	4	46083	44960	45804	45254	44737	44639	45131	45440	45578	45459	45088	45314	98.488
	5	44860	46087	45682	44882	45864	45124	45310	44704	45319	45479	45559	45096	98.574
	6	44560	45188	45023	45163	45406	44968	45013	45257	45387	45161	45177	44849	98.065
	7	45466	45579	44866	45402	45480	45427	45896	45425	45183	45664	45292	44946	98.694
	8	45466	45297	44829	45104	45325	45871	45106	45650	45112	45658	44978	45232	98.513
	9	44446	44980	44773	45417	45346	45352	44937	45707	45589	45449	45367	45172	98.315
	10	45406	45147	45114	44799	44784	45320	45809	45004	44473	44834	45601	45631	98.204
	11	45026	45730	45169	45651	44723	45333	44862	45886	45141	45991	45198	45673	98.650
	12	45282	44845	44843	45643	44821	45051	45405	45834	45043	44724	45112	44912	98.130
	13	44780	45406	45614	45307	45488	45106	44620	45823	45534	45551	45465	45224	98.566
	14	44826	45209	44885	45116	45292	45555	45210	44978	45342	44754	44665	45457	98.089
	15	45892	44931	45407	44946	45221	45471	45170	45135	45178	45385	45200	45096	98.405
	16	45472	45337	45373	45281	45112	45205	45752	44712	44608	45479	44816	45218	98.285
	17	44607	45213	44725	45048	45524	45241	45415	45505	44757	44948	45526	45172	98.160
	18	44784	44617	44936	45542	45198	44974	45390	45236	45237	45061	44640	44968	97.961
	19	45174	45232	44924	44892	44737	44784	45273	44865	45500	44528	45236	45585	97.987
	20	44993	44602	44965	45432	44959	44909	45507	45393	45058	45705	44605	45169	98.091
	21	44914	44796	45006	44449	45525	45428	44912	45003	45102	45133	45226	45493	98.035
	22	46123	45555	44967	45038	45386	45100	45287	45077	46157	45833	44895	45162	98.686
	23	45382	45405	45060	45581	45822	45253	45074	44873	45581	44785	44912	45660	98.469
4	0	45363	44954	44829	45411	45338	45284	45732	45567	45247	45503	45061	45091	98.470
	1	45459	45346	45099	45586	44824	45665	45546	45157	46261	45698	45555	45398	98.869
	2	45033	45984	45542	45402	45371	44819	45126	45663	45586	45429	45358	45927	98.805
	3	45941	45504	45967	45256	44799	46170	44760	45452	45627	45329	45168	45439	98.836
	4	45714	45082	45341	45074	45721	45451	45071	45590	45107	45446	45019	44822	98.478
	5	45912	45454	45000	45672	45563	45978	45583	45299	45325	45431	45365	45366	98.933
	6	45316	44762	45063	46158	45577	44950	44852	45294	44975	45094	45610	45392	98.407
	7	45425	45203	45340	45299	45651	45356	45116	45223	45266	45857	45552	44970	98.627
	8	45046	45933	45620	45397	44725	45652	45435	45848	45772	45844	45570	45632	99.029
	9	45293	45478	45356	45099	45516	45700	44998	44372	44791	45411	45359	45915	98.452
	10	45036	45528	45282	45781	45718	45444	45244	45646	45234	45264	46292	45687	98.972
	11	45501	45435	45486	45489	45132	45053	45156	45512	45256	45401	45259	45289	98.575
	12	45275	45003	45157	45322	45648	45049	45124	45768	45117	45183	44397	45183	98.259
	13	44864	44903	45370	45799	45022	45964	45955	45562	45429	45357	46124	45609	98.935
	14	44854	45832	44859	45754	45368	45244	45585	46088	45382	46011	44444	45504	98.748
	15	44912	45047	45261	45080	45317	44885	45405	45488	45167	44916	46159	45426	98.411
	16	44531	45507	45468	45642	45437	45328	45514	45408	45327	45701	45803	44997	98.701
	17	45660	45757	45508	45791	45610	44989	45780	45293	44802	44972	45740	44583	98.668
	18	45182	45062	45284	45686	45485	44846	45409	45551	45417	45018	45357	45395	98.525
	19	45061	45860	45435	45101	45637	45466	45984	45299	45450	45205	45293	45809	98.871
	20	45520	45598	44984	45439	45153	45581	45224	45344	45126	44992	45182	46033	98.612
	21	45434	45011	45303	45412	45060	44603	45147	45707	45552	45558	44891	44964	98.335
	22	44259	45807	45045	45333	45464	45459	45164	45255	45997	45179	45649	44916	98.495
	23	44575	45341	45144	45237	45259	45315	45626	45315	45761	45481	45706	45324	98.596

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2013										20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
5	0	44883	45332	45012	45353	45537	44837	45724	45003	45623	44899	45216	45138	98.318	
	1	45860	45149	45074	45143	45172	45057	44546	45536	44945	45334	45386	45675	98.377	
	2	44564	45308	45707	45507	45005	45092	45313	44994	45707	45371	45119	45363	98.408	
	3	45650	44930	45107	45500	45308	45084	45527	45575	45207	44981	45641	44675	98.433	
	4	44991	45258	45097	45687	45032	45148	44658	45452	45238	45630	45338	45141	98.340	
	5	44640	44609	45199	45571	45990	45786	45085	45672	45392	46032	44966	45447	98.651	
	6	44834	45284	45703	44632	45701	44923	45931	44558	45237	45141	44771	45205	98.204	
	7	45025	45908	45857	45557	45172	45420	45556	45317	45537	45225	45140	45623	98.823	
	8	45884	44991	45861	45428	45697	45561	45494	46022	45476	45801	45771	45540	99.220	
	9	46229	45854	45618	46029	45990	45761	45168	45520	45582	45601	46093	45225	99.427	
	10	45281	45738	45704	45679	45925	46550	46303	45898	46288	45689	45986	45776	99.817	
	11	45982	46073	46365	46035	45468	45300	45649	45661	45326	45617	45376	46346	99.522	
	12	45844	45757	45700	45809	45599	45605	45413	45843	45778	45480	45674	45981	99.393	
	13	45815	45806	45859	46132	45222	45514	45369	45368	45554	44909	45493	46025	99.136	
	14	45476	44722	45509	45637	45526	45809	45299	45251	45943	45374	45062	45616	98.802	
	15	45406	44490	45198	45814	46162	45556	45228	45004	45365	45853	44765	45441	98.631	
	16	44996	45810	45542	45457	44950	44836	45525	45275	45902	45552	45383	44993	98.621	
	17	45212	45691	45677	45642	45237	45254	45209	45341	45586	45174	44655	45385	98.592	
	18	45143	45265	44761	45620	45245	45658	45750	45024	45027	44748	45340	45145	98.350	
	19	45345	45364	44997	45083	44816	46106	46009	45079	44899	45918	45327	45671	98.692	
	20	45002	45663	45288	45895	45668	44556	45741	45843	45168	45421	45129	45345	98.711	
	21	44940	45171	45422	44847	44858	45612	45277	45768	45137	45371	45568	45706	98.522	
	22	46296	45843	45173	45059	45219	45304	45442	45323	45222	45317	45079	45705	98.758	
	23	44834	44969	45854	45125	44757	44939	45469	45403	45096	45551	45116	45338	98.300	
6	0	45472	44744	45218	44838	45266	45850	45444	44625	45362	45667	45081	45013	98.325	
	1	44999	45030	45514	45242	44969	45072	45732	45289	45811	45165	45583	44834	98.443	
	2	44944	44826	44659	45608	45590	45305	45918	45533	44572	44896	44970	45250	98.231	
	3	45840	45569	45334	45375	45729	45154	45034	45305	45881	45056	45511	45659	98.843	
	4	45716	44911	45564	45366	45099	45584	45029	45360	45578	45246	44615	45371	98.478	
	5	45536	45266	44710	44992	46014	45460	45584	44785	45563	45798	46227	44797	98.713	
	6	45965	45102	45765	45194	45652	45441	45674	45051	45391	45667	45630	45624	98.971	
	7	45269	45970	45621	45813	45791	45462	45660	45313	45279	45203	45842	45349	99.046	
	8	45912	45649	45541	45945	45620	45676	46024	45283	45406	46022	45905	45414	99.377	
	9	45936	45304	45065	45170	45835	45722	45124	45043	45431	45222	45802	45284	98.750	
	10	45358	45166	45585	45643	45759	45687	45295	45410	45191	45583	46120	45620	99.019	
	11	45619	45370	45411	45232	45503	45325	46099	45183	45766	45469	45224	45434	98.877	
	12	46033	45727	45644	45619	45669	44950	45204	45606	45698	45179	45330	45528	98.976	
	13	45146	45148	45380	46689	45489	45625	45392	45663	45555	45032	45679	46053	99.097	
	14	45408	45524	45825	45106	45123	44839	44514	45568	44850	45582	45414	44942	98.344	
	15	45306	45704	45604	45129	45116	45565	45334	45398	44898	46050	44922	45354	98.649	
	16	45369	45216	45211	45676	45184	45139	45606	45348	45380	45036	45268	45563	98.580	
	17	45202	45897	45507	45025	45398	45867	45174	45690	45462	45729	44750	45051	98.717	
	18	44520	45749	45044	45004	45399	45040	45061	44936	45532	45054	45507	45062	98.201	
	19	46028	45369	45986	44998	45379	45659	46049	45107	44906	45151	45372	45567	98.865	
	20	45504	45674	45470	45402	45086	45340	45350	45865	45321	45297	44959	45128	98.652	
	21	45444	45027	45253	45437	45101	45613	44977	45549	45069	45085	45109	45378	98.407	
	22	45565	45543	45640	45754	45142	44814	44993	45141	45586	45132	45418	45181	98.564	
	23	45622	45004	45005	45077	45755	44511	44970	45598	45089	45088	45222	45317	98.265	

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
7	0	45680	45276	45751	45663	44904	45776	45767	45953	45214	46198	44677	46128	99.128
	1	45239	45309	45605	45660	45403	45185	45146	45429	45397	45379	45408	45183	98.642
	2	45395	45638	45504	45114	45775	45309	44708	45540	45487	44974	44861	45595	98.562
	3	44941	45080	45715	45889	45823	45219	45304	45348	45316	45973	46024	44966	98.870
	4	45426	45160	45200	45290	45351	45779	45752	45077	45453	45410	45503	45202	98.690
	5	45246	45095	45835	45249	45011	45255	44805	45613	45442	45387	45364	45332	98.514
	6	45403	45828	44866	45525	44857	46029	44858	45439	45261	45470	45475	45493	98.672
	7	45162	45544	45167	44880	45795	45396	45867	46566	45419	45389	45411	45006	98.871
	8	45826	44914	45865	45134	45224	45625	45722	45113	45935	45395	44610	45971	98.823
	9	45173	45692	45529	45777	46121	46249	46356	45987	45947	45408	45304	46014	99.587
	10	45939	45463	45354	45448	44931	45674	45229	45324	46128	45255	45996	45773	99.036
	11	45754	46047	45469	45008	44609	46014	46112	45188	45363	45324	45544	45640	98.956
	12	45577	45630	46136	46325	45926	45933	45305	45062	45208	45923	44857	46155	99.312
	13	45775	45493	45607	45958	45132	45164	45549	45090	45758	45381	44937	46248	98.960
	14	45875	45420	45731	45497	45750	45870	44986	45365	45715	46266	45226	45585	99.176
	15	45711	45606	45324	45065	45756	45624	45926	45808	45519	45236	45215	46063	99.097
	16	45225	45360	45493	45230	45199	45426	45094	45503	45588	46567	46312	45667	99.062
	17	45822	45726	45666	45310	45728	45830	44580	45300	45426	45071	45263	45126	98.734
	18	45695	45375	45470	44939	45813	45413	45421	45503	45601	45204	46073	45356	98.918
	19	45475	45668	45532	45756	45703	44604	45454	45759	45559	45059	45542	45886	98.942
	20	45003	45526	45400	45064	45497	46227	44811	45193	45226	45151	45729	45715	98.679
	21	45621	46088	45200	45611	44815	45579	45410	45463	45999	45047	45900	45586	99.001
	22	44878	45060	45194	45923	45549	45763	45297	45149	45045	44886	44677	45434	98.373
	23	45870	45264	45269	45732	45317	45308	45583	45681	45447	45633	45537	46094	99.076
8	0	45353	45481	44949	45419	45900	45257	45022	45092	44935	45261	45779	45565	98.586
	1	45516	45564	45607	45180	46107	45507	45467	45677	45466	45506	44893	45761	98.988
	2	45188	45467	45785	45348	45163	45487	45695	45442	45714	45852	44800	45385	98.821
	3	46241	44978	45442	45257	45377	45374	45366	45459	45071	45401	45484	44967	98.656
	4	45723	45125	44630	44987	45052	45054	45059	45390	45326	44940	45090	45663	98.225
	5	45346	45218	45332	44504	45003	44610	45296	45144	44177	45511	44945	44712	97.819
	6	45481	45921	45444	44991	44700	44873	45255	45401	45104	45583	45336	44534	98.331
	7	45526	45515	45804	45229	45488	45293	45561	44786	44593	45637	44129	44937	98.309
	8	45071	45182	44907	45238	44770	45046	44768	45577	44993	45419	45686	45376	98.224
	9	45313	44986	45151	46252	45687	44928	44993	45003	45714	44698	45683	46134	98.679
	10	45794	45783	45552	45534	45124	45397	45632	46029	45654	45290	45900	45458	99.151
	11	45547	45208	45207	45133	45486	45559	45378	45619	45481	45145	45799	45612	98.794
	12	45051	46192	45188	45322	46477	45508	45854	45937	45634	46269	45144	45740	99.363
	13	46128	45955	45296	45604	45258	45521	45521	46065	45722	45144	45068	45836	99.146
	14	45665	46109	45514	44962	44693	45434	45720	45485	45520	45254	45900	45620	98.921
	15	45070	45689	45112	44696	45111	45366	44974	45543	45839	45591	45699	45816	98.672
	16	45374	45929	45319	44889	45459	45317	45187	45590	45152	45983	45855	45461	98.855
	17	45154	45705	46163	46205	45638	44893	45609	45374	45508	45793	45714	44998	99.080
	18	45210	45635	44333	45142	45129	45247	45645	45166	44972	45627	45353	44918	98.286
	19	45640	45205	45527	45102	45677	45623	45529	45688	44869	45446	45381	44995	98.704
	20	45519	45380	45013	45392	44701	45073	45511	45432	44279	44872	44990	44970	98.060
	21	44575	45045	45351	44715	44765	45576	45033	45865	44795	45653	44991	44601	98.031
	22	44837	45120	45079	45068	44699	44485	44746	45284	44539	44475	44741	44213	97.364
	23	44390	44237	45516	44881	44764	44975	45241	44821	45168	45279	44906	44970	97.701

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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	44970	44937	45371	44161	44318	45101	44735	44853	44811	44850	45048	44742	97.472	
	1	44993	44815	44966	45614	45390	44498	44480	44531	45482	45449	45469	44816	97.947	
	2	45558	45295	45121	44847	44846	45147	45177	45162	45485	44887	44819	44914	98.084	
	3	45549	45064	45699	45019	44871	45147	44813	44600	45316	45158	45433	45312	98.215	
	4	44571	45239	45340	45382	45320	44935	45293	45129	44337	44826	44984	44628	97.853	
	5	45537	45597	44835	44886	44249	44608	45205	45229	45454	45172	45198	45402	98.104	
	6	44945	44757	45303	45701	45447	45189	44772	45214	45591	45465	45153	44936	98.304	
	7	44978	45197	45528	45156	44841	45313	45301	45015	45519	45366	45285	44786	98.270	
	8	45025	44370	45380	45536	45354	45227	44840	45200	45581	45049	44804	45366	98.170	
	9	45834	45534	45525	45135	45726	45577	45462	44436	44826	45223	45693	45432	98.653	
	10	44857	45126	45666	45448	45841	45387	45488	45522	44997	45374	45011	45584	98.635	
	11	45781	45542	44925	45825	45387	46299	45578	45386	44819	45507	46042	45577	99.064	
	12	45882	45329	45771	45090	45570	44854	45804	45402	45682	45060	45917	45714	98.957	
	13	45412	45153	45651	45476	45663	44781	45286	45200	45787	45421	45359	45857	98.770	
	14	45378	46009	45317	45266	45287	45071	45729	45399	45653	45101	46108	45438	98.899	
	15	45739	45900	45489	45659	45443	45835	45709	45444	45719	46169	46104	45468	99.428	
	16	44827	45703	45456	45090	45772	45612	45395	45693	45682	45802	45396	45233	98.881	
	17	45365	45533	45383	45377	45154	45359	45414	45459	45377	45548	45846	45749	98.864	
	18	45433	45653	45922	45559	45447	45112	45295	45225	45316	45050	45315	45847	98.794	
	19	44633	45487	46054	44658	45226	44720	44635	45111	45295	45564	44813	45942	98.243	
	20	45076	44349	44471	45400	45498	44928	45305	44909	44747	44610	45167	44868	97.734	
	21	45439	45481	44749	45191	45018	45330	45053	44736	45354	45226	44801	44824	98.074	
	22	44325	44953	44800	45323	44836	43964	45301	44706	44405	44741	44641	45622	97.424	
	23	45170	44354	44343	44488	45235	43872	44740	43945	45021	44984	44839	44822	97.097	
10	0	45020	44852	45198	44570	45422	44214	44663	44928	44529	44159	44541	44691	97.275	
	1	44888	45450	44518	45429	44600	44747	44296	44733	45028	44678	45049	44781	97.529	
	2	44357	44907	44939	44461	44288	44386	44819	44767	44633	44460	44593	44546	96.978	
	3	44620	44987	44927	45321	44342	45147	44543	44747	44784	45053	45082	45033	97.599	
	4	45149	45036	44979	45357	45630	44864	45619	45332	45669	45225	44415	44727	98.219	
	5	45136	44850	45293	44449	44961	45071	45053	44654	44779	44627	45210	44733	97.641	
	6	45123	45661	44890	45885	45286	45276	44949	45365	45139	45432	45415	45317	98.533	
	7	45251	44813	44998	45758	45413	45674	45302	45107	45405	45667	45973	45173	98.677	
	8	45406	45465	45841	46182	45894	45410	45402	45519	45276	45373	45465	46075	99.180	
	9	45589	45762	45835	45658	45701	45843	45661	44975	45273	45887	45977	45549	99.253	
	10	45333	45407	46137	45251	45477	45779	45484	45828	46014	45752	45701	45784	99.296	
	11	45286	46031	44918	45707	45371	45873	45533	45811	45541	44627	45376	45088	98.791	
	12	45542	45081	45066	45433	45344	45350	45705	46009	45705	44893	45720	45182	98.767	
	13	45384	46289	45977	45380	44820	45437	45537	45865	45130	45344	45714	45521	99.015	
	14	45529	45586	45986	45742	45799	45921	46013	45935	45560	45312	45102	45565	99.315	
	15	45542	44674	45785	45626	44976	45695	45599	46056	45613	45404	45492	45540	98.943	
	16	44992	45203	44934	44805	45458	45675	45374	45086	45135	45460	45376	45023	98.313	
	17	44936	45237	45783	45145	45455	45083	45220	45067	45706	44872	45434	46099	98.587	
	18	45111	45250	45341	45408	45471	44639	44639	44907	45505	45135	45214	45889	98.311	
	19	45861	45160	45380	45644	45024	44216	45558	45653	45146	45147	45270	44887	98.390	
	20	44708	45078	44355	45253	45132	45501	45028	45580	44994	45681	45115	45736	98.247	
	21	44637	44639	45343	45581	45813	45247	45288	44996	45300	45145	44908	45440	98.279	
	22	44644	45231	45471	45356	45732	45248	45269	45326	45739	45225	45619	45031	98.560	
	23	45302	45246	44675	45414	45175	45071	45478	45445	45424	45629	45780	45129	98.539	

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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	45432	44738	44640	44960	45657	45424	45005	45651	45557	45271	45447	45998	98.541
	1	45504	45288	45208	45063	45748	44849	45179	45128	45622	45527	45419	44816	98.463
	2	45298	44982	45726	45175	45509	45116	45484	45195	44687	45668	45674	44999	98.492
	3	45130	44954	45023	45328	45760	44675	45567	45218	45511	45623	45387	44319	98.308
	4	44999	45401	45298	45448	45205	45237	45195	45631	45995	45541	45081	45462	98.670
	5	45342	45060	45282	45134	45759	45485	45719	45359	45479	45373	45263	45245	98.671
	6	45783	45532	45028	46019	44664	45724	44764	45241	44710	45765	45771	45520	98.675
	7	45055	45571	45041	45441	44908	45230	44983	45290	45042	45480	45146	45644	98.369
	8	45582	45241	45394	45487	45898	45019	45352	45692	45603	44979	46158	45778	98.976
	9	45836	45144	45475	45382	45537	45652	45486	46353	45183	45137	46048	45571	99.088
	10	44801	45725	45568	45413	46010	46245	45401	45387	45870	45736	45812	45125	99.141
	11	45427	45764	45147	46084	45537	45839	45846	46540	45734	45148	45676	46094	99.457
	12	45670	45671	45283	45170	45440	45196	46057	45123	45532	45899	45293	45582	98.928
	13	45942	46034	45492	45989	45526	45218	45612	45074	45517	45077	45500	45437	99.019
	14	45394	45557	45329	45988	45651	45263	44886	45248	45329	45484	45973	44846	98.752
	15	45698	44979	45560	45732	45371	45704	45932	45653	45477	45784	45851	45212	99.116
	16	46294	45251	46001	45389	45272	45245	45314	45760	45211	45090	44987	45977	98.905
	17	45183	45357	45156	45083	45302	45378	45656	45655	45864	45961	45731	45416	98.896
	18	44981	45388	45790	45392	45188	45702	45059	44921	44941	45360	45280	45822	98.549
	19	45350	45307	45955	44792	45140	45200	45232	45475	44899	45021	45560	44892	98.368
	20	45357	44820	45103	45596	44920	45395	45286	45068	45675	45239	45467	45126	98.409
	21	45080	45197	45502	45369	44856	46041	44996	44835	45223	44997	45692	44929	98.348
	22	45877	45282	44681	45323	46013	45281	45369	45304	46222	44937	45037	44999	98.640
	23	45067	45283	45186	45199	45693	45216	45594	45387	46055	45757	45371	45575	98.831
12	0	45790	45487	45754	45347	45612	45714	44752	45912	45521	45306	46481	45294	99.117
	1	46081	45379	45202	45099	45833	46041	45456	45890	45011	44917	45728	45503	98.968
	2	45360	45177	45119	45171	45820	45843	46139	45983	46149	45542	45486	45474	99.172
	3	45675	45662	45223	44822	45226	45608	45576	44817	45462	45431	45720	45615	98.732
	4	45965	46323	45321	45441	45890	45730	45065	45529	45840	45461	45274	44912	99.079
	5	45758	45098	46119	45804	45798	45539	45654	45805	45883	45515	45451	45548	99.300
	6	45324	45826	45823	45956	44796	45697	45600	45312	45430	45907	45087	45397	98.971
	7	45180	45651	45467	45507	45727	45636	45036	45924	45786	45625	45393	45596	99.039
	8	45543	45918	45845	45691	46188	46537	45333	46166	45666	45808	45450	45457	99.596
	9	45249	45901	45957	46202	46080	45895	45050	45915	46022	46200	45841	45167	99.573
	10	44997	45459	45669	45401	45833	45526	45346	46030	46545	45798	45064	45808	99.211
	11	46016	45709	45982	45822	46682	45795	45540	45581	45513	46354	45689	45355	99.674
	12	46186	46546	46039	45711	45378	46332	45645	45747	46107	45852	46013	45512	99.861
	13	45764	45992	46542	46531	45688	45760	46161	45865	45456	45696	46071	46001	99.945
	14	46153	45272	45181	46413	46462	46473	45394	46008	45733	45497	45996	45278	99.642
	15	45609	45407	45366	45493	45926	45856	45458	46381	45852	45440	45626	45494	99.289
	16	45645	45940	46163	45739	45969	46203	46236	45863	46024	45853	45874	45785	99.902
	17	46153	45845	45625	45329	46301	45514	46027	45529	46311	45899	45834	45636	99.668
	18	45986	46152	45999	44842	46290	46040	45801	46105	45465	46158	45524	45479	99.639
	19	45843	46166	45376	45597	46085	45513	45796	45806	45533	45589	45357	45609	99.354
	20	45119	46119	45407	45911	45621	45132	45195	45326	45391	45859	46279	45935	99.178
	21	45282	45766	45395	45366	45297	45586	45544	45847	45453	46066	45976	45740	99.182
	22	45477	45727	45416	45914	44819	45854	45374	45728	46197	45846	45697	46396	99.386
	23	45411	45472	45579	45330	46035	45354	45825	45701	45358	45434	45173	45800	99.029

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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	45739	45263	45214	45433	45275	45496	45369	45910	45493	44846	45030	45353	98.657	
	1	45581	45360	44910	44837	45638	45033	45249	45505	45204	45656	45425	45262	98.519	
	2	45606	45556	44914	45837	45519	44930	45593	45953	45459	45459	45455	46269	99.043	
	3	45289	45139	46280	45285	45294	45583	44956	46016	45471	45004	44995	45573	98.741	
	4	45711	45873	45782	45319	45434	45286	45575	46291	45628	45780	45468	45151	99.178	
	5	45777	45867	46027	46016	45410	45088	45540	45862	45636	46301	45406	45802	99.438	
	6	45466	45413	45573	45599	46290	46143	45414	45719	46218	45884	46008	45931	99.605	
	7	46463	45587	45550	45332	45695	46244	46032	45449	45581	45910	45751	45711	99.542	
	8	45923	46375	45776	46923	45964	45464	46411	45667	46259	46119	45560	46151	100.138	
	9	45782	46059	45411	45847	46397	46406	45951	46275	45660	46154	45521	46337	99.994	
	10	46769	46375	46173	45825	45891	46338	45700	45652	45505	46339	46371	45441	100.098	
	11	45745	45902	46291	45546	46063	46637	45943	46131	46069	45834	46223	45887	100.079	
	12	46222	45980	46174	45495	45373	45791	45729	46844	45591	46070	45935	46344	99.949	
	13	45928	46207	45706	45890	45670	46494	46397	46149	45981	46631	46567	45051	100.152	
	14	46355	45699	45976	45940	45802	46253	45386	46146	45806	45587	45290	46108	99.731	
	15	45416	45657	46168	46540	46159	45576	45627	45782	45418	45415	45890	45195	99.458	
	16	45887	46146	46457	45768	45746	45705	45383	45323	45779	45746	45969	45767	99.609	
	17	46485	45212	45933	45624	45917	45830	45499	45722	45691	45397	45449	45522	99.357	
	18	45041	45372	45715	45853	45904	44858	44689	45556	45219	45557	45751	45416	98.749	
	19	45640	45335	45335	45082	45196	45739	44881	45629	45925	44966	45115	45822	98.701	
	20	46083	45575	45422	44662	45232	45332	44477	44992	45731	45523	44640	45571	98.443	
	21	45502	45117	45644	45584	45872	45339	45282	45966	45268	45594	45130	44918	98.801	
	22	45815	45653	45556	45353	45148	45504	45032	45626	45620	45494	45379	45530	98.891	
	23	45796	45167	44911	45441	45390	45189	45577	45580	45776	45476	45696	45302	98.816	
14	0	45021	44709	45513	44870	45529	45604	45185	45257	45656	45626	45350	45800	98.603	
	1	45638	45331	45018	45663	45462	45416	45554	45023	45594	46440	45671	45221	98.949	
	2	46056	45543	45291	45575	45955	45468	45290	45231	45631	45547	45040	45318	98.932	
	3	45960	45372	45286	45578	45388	46005	45364	45709	45219	45736	45735	45485	99.095	
	4	45794	45763	45052	46114	46003	45914	46011	45231	45228	45506	45824	45570	99.307	
	5	45338	45784	45293	46310	45990	45611	45498	45516	45886	45983	45846	45568	99.418	
	6	46133	45777	45872	45357	45544	44731	45578	45365	45562	45708	45884	45361	99.101	
	7	45468	45552	45493	45546	45248	45587	46377	45230	46372	45943	45541	46441	99.449	
	8	45575	46000	46120	45631	45214	45805	45168	46285	45599	45671	46212	46088	99.553	
	9	46396	45883	46241	46089	46141	45633	45870	46133	45658	46058	46028	45715	100.002	
	10	45577	45866	45550	45881	45635	45942	46098	45025	45806	46084	45972	45271	99.433	
	11	46075	46067	46074	45971	46277	46171	45473	45892	45726	45263	45705	45307	99.668	
	12	45904	46212	45550	45559	45433	46051	46472	45746	45106	46338	45798	45476	99.604	
	13	45578	46184	45664	45166	45601	45948	45099	45713	45787	46164	44898	45904	99.252	
	14	46197	45928	45506	45884	45644	45735	45712	45720	45918	45336	45749	46138	99.571	
	15	45578	46190	45404	45638	45933	46105	45978	45046	45426	45913	45102	46412	99.437	
	16	45721	45559	45748	46085	45874	45994	46404	45897	45678	45707	46200	45718	99.774	
	17	46711	45428	45302	46068	46579	45384	46155	46254	45507	45917	45729	46500	99.946	
	18	45839	45931	46001	45542	45491	45787	45707	46683	45960	45352	46040	45790	99.690	
	19	45311	45341	45453	45727	45546	46249	45893	45928	46076	45329	46680	45792	99.545	
	20	45785	46067	45808	46038	45495	46191	45397	44910	45093	44982	45853	45415	99.131	
	21	45688	44689	45527	45298	44823	44679	45514	45254	45248	44606	45595	45369	98.271	
	22	45389	45108	45164	45312	44836	45025	45376	45178	45225	45544	45597	45931	98.524	
	23	45015	44866	45123	45742	45472	45374	44955	45379	44954	45334	44060	44762	98.043	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2013											20 NM-64		
		INAF/UNIRomaTre													
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
15	0	45308	45441	45018	45104	44911	44998	44937	45120	44593	45454	45242	45580	98.165	
	1	44882	44941	45267	45343	45391	45554	45397	45278	45810	44928	44904	45680	98.467	
	2	45574	44818	45104	44957	45309	45333	44427	45057	44783	45263	44961	44807	97.927	
	3	44734	44754	44754	45791	45185	45092	45242	45605	44880	44943	45364	45288	98.151	
	4	46268	44871	45878	44227	45335	45301	45283	45798	44731	44914	45170	45359	98.424	
	5	45325	45336	45337	45267	45183	44760	45126	44881	45899	44654	45389	45338	98.308	
	6	45454	45316	45485	45758	45587	45654	45966	45148	45289	45188	45165	45038	98.771	
	7	45245	44998	45482	45294	45260	45617	45784	45680	45267	45219	45182	44956	98.578	
	8	45131	45000	45299	46141	45273	45562	44976	44690	45070	45147	45272	45828	98.470	
	9	45778	45103	45517	46019	45783	45705	45444	45449	45240	44965	45227	45499	98.894	
	10	45257	45337	45284	45126	45528	45551	45527	45888	45789	46062	45315	45804	99.028	
	11	45054	46145	45677	45595	45330	45132	45165	45656	44932	45708	45409	45819	98.875	
	12	45099	45718	45515	44903	45381	45245	46184	45115	45235	45521	45690	45371	98.758	
	13	44811	45686	45339	45545	45099	45121	45527	45193	45559	45364	45609	45732	98.687	
	14	44887	45660	45339	45296	45139	44655	45399	45470	45375	45109	46034	45128	98.489	
	15	44570	44796	45442	45172	44664	45662	45590	45136	44793	45351	45466	44668	98.093	
	16	44713	45474	45426	45705	44747	45258	44666	44759	45082	45128	44913	44813	97.980	
	17	45062	44098	44976	44744	45636	44694	44743	45282	44799	44936	44638	44598	97.531	
	18	44897	44258	44538	44267	43934	44571	44007	44283	44760	44306	44260	45137	96.627	
	19	45099	44468	43947	44586	44162	43741	44858	44925	45074	44520	44171	44511	96.780	
	20	44116	43707	44669	44649	44459	44444	44039	44158	43727	44444	44125	44614	96.252	
	21	43643	43133	44184	44377	43769	44286	43931	44397	43892	44643	43809	44298	95.746	
	22	43881	44429	43656	44239	43947	44578	44487	43654	44732	44083	44198	44273	96.072	
	23	43928	43897	44149	43653	43930	44586	44356	44038	44149	44558	44533	44200	96.039	
16	0	44395	45127	44194	44333	43772	43942	44101	45017	44662	44635	44462	44198	96.561	
	1	44947	44392	45100	44466	45136	44571	45192	44666	45100	44617	44804	44946	97.482	
	2	45007	44969	44815	44809	44782	44413	44428	45005	45392	45212	44865	45339	97.681	
	3	45214	44622	45099	45136	45069	45049	45530	44895	44955	44568	45273	44705	97.876	
	4	45054	44335	45220	45179	44932	44734	45166	45167	44693	44462	44862	44525	97.553	
	5	45180	45529	44880	44276	44985	45466	45243	45027	44732	45152	45234	44941	97.973	
	6	44939	45002	45168	45193	45036	45086	44745	45180	45128	45213	45054	45180	98.023	
	7	43723	45385	45248	45096	45080	45245	45065	44770	44666	44952	44627	44658	97.587	
	8	44594	44668	45000	45413	45269	44955	44921	45264	44882	45008	44643	44464	97.689	
	9	44396	44903	45038	44839	44989	44962	45303	45883	44606	44818	45133	45659	97.951	
	10	44846	45015	45297	45119	45181	45023	44740	45805	45348	44688	45481	45229	98.177	
	11	45378	45015	45225	45018	45358	44939	45176	45030	44891	45036	45177	44872	98.058	
	12	44964	44837	44946	44976	44654	45234	45049	44823	44583	45203	45059	45010	97.736	
	13	45012	45434	44953	45121	44718	44652	44446	45360	44924	45157	45352	44538	97.795	
	14	44598	44334	45562	45137	44582	44344	44506	44963	45276	44743	45074	45217	97.554	
	15	44631	44871	45165	44969	44541	44377	44754	44847	45122	44765	45190	45038	97.542	
	16	44989	44414	45100	45530	45023	45489	44760	45232	44657	45047	44556	45343	97.881	
	17	45176	44778	44597	44986	44464	45144	44376	45100	44763	43764	44618	44608	97.199	
	18	44774	44887	45684	45037	44739	44217	44845	44532	44812	44642	44981	44775	97.480	
	19	45167	45476	44767	44872	45246	44684	44959	44925	43917	44527	44870	44950	97.559	
	20	44996	45247	44975	45405	45269	45036	45450	45644	45671	45000	44842	44877	98.292	
	21	44997	44272	44836	44290	45625	44493	44412	45474	44399	44946	45089	44730	97.414	
	22	44742	45248	44694	45441	45560	43834	44705	44966	45024	44757	44518	44998	97.581	
	23	44571	44571	44842	44877	45621	44777	45104	45132	45039	44675	44345	44892	97.574	

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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	45174	45022	45311	45057	45186	45266	45971	44625	44908	44568	45616	44568	98.085	
	1	45372	45157	45400	44551	44959	44520	44616	44522	44309	45624	45297	45529	97.830	
	2	44966	45127	45655	44706	44992	45076	44359	45422	45244	44794	45381	45166	98.017	
	3	45162	45426	45786	45028	45098	45095	44657	44690	45417	44877	44713	45147	98.054	
	4	45225	45040	45263	45473	44531	45095	45388	44902	45070	45557	45120	45126	98.180	
	5	44895	44927	44969	44941	45198	45620	45308	45684	44678	44684	44665	44806	97.924	
	6	45171	44685	46010	45201	45496	44792	45314	44389	44786	44976	45011	45031	98.012	
	7	45132	44591	44614	44611	45085	45437	45010	45456	45026	45788	45928	45387	98.230	
	8	45093	45583	45568	44865	45035	45719	44595	45005	45424	44651	45557	45076	98.249	
	9	45714	45297	44848	44317	45196	45010	45736	45728	45216	45324	45413	44990	98.361	
	10	45169	45712	45021	45457	46008	46067	45903	45974	45292	45040	44932	45645	98.982	
	11	45626	45568	45343	45275	45772	44951	45219	45828	46010	45581	45452	45748	99.011	
	12	44851	45504	44943	45445	45813	45586	45227	45809	45253	45948	44972	45483	98.732	
	13	45355	46433	45401	45465	45505	45138	45014	45539	45912	45409	45716	45242	98.966	
	14	45733	45607	45687	45441	44875	45730	44791	46179	45844	45357	45890	45004	98.968	
	15	45118	45327	45598	44702	45271	45421	45830	45238	45581	45303	45757	45186	98.640	
	16	45273	45557	44663	44913	45386	45516	44750	44519	45702	45086	45458	44774	98.145	
	17	45658	45246	45067	45154	45371	44516	45309	45329	45092	45212	44898	45645	98.308	
	18	44941	45109	44756	45609	44704	45060	45762	45539	45199	45065	45355	44898	98.218	
	19	45011	45076	45501	44354	44897	45972	44916	45901	44494	45281	45096	44717	98.076	
	20	44699	45474	45150	44966	45135	45828	45530	45222	45299	44820	45570	44878	98.322	
	21	45096	45148	44959	44473	45282	44432	45449	45239	44878	45499	44719	45612	97.998	
	22	44617	45323	44856	45291	44779	45030	45073	44736	45676	44995	44666	45356	97.928	
	23	45607	45387	44796	45088	45666	45364	45401	44310	44559	45826	44795	45838	98.334	
18	0	45027	44612	44440	45093	44835	45020	44880	45806	45271	44353	45552	45278	97.883	
	1	44588	44657	44901	44531	45400	45005	45133	44954	45116	45197	44922	45429	97.826	
	2	44947	44980	45018	45175	45085	45376	45462	45227	45210	45528	45084	45128	98.258	
	3	45135	45252	45497	45311	45525	46052	45911	45201	45211	45712	45749	45513	98.956	
	4	44892	45014	45620	44969	45329	44874	45457	45096	45723	45576	45282	45054	98.379	
	5	45176	45352	45771	45302	45266	45549	45157	45856	45605	45613	46346	45687	99.066	
	6	45925	45528	45234	45342	45253	45237	45114	45104	45546	45769	45449	45554	98.772	
	7	45325	45201	45570	45553	45528	45010	45625	45080	45342	45467	45484	45600	98.723	
	8	45393	45275	45772	45808	45299	45936	45089	45538	45986	45616	46033	46193	99.294	
	9	45300	45809	45439	44922	45780	45313	45063	46017	45963	45671	45211	44898	98.831	
	10	46171	45234	45960	45481	46356	46185	45757	45168	45096	44894	45147	45624	99.136	
	11	45741	45783	45286	45510	45269	44965	45413	45150	45800	46068	45480	45624	98.959	
	12	45094	45182	45843	45099	45117	45076	45646	45935	46310	45247	45594	45529	98.884	
	13	45095	45239	44694	45492	45259	45669	45399	45400	45869	46142	45395	44790	98.661	
	14	45472	45194	45576	45920	45281	45697	45346	45634	45835	45789	45337	45386	99.028	
	15	45280	45427	46302	45605	45486	45562	45876	45789	45819	45343	45491	45887	99.282	
	16	45296	45757	44492	45623	45526	44914	45237	45542	45575	45661	45642	45596	98.736	
	17	45354	45416	45413	45708	45060	45461	45109	45762	44922	45346	45410	45656	98.692	
	18	46138	45395	45398	45891	45196	45495	45678	45624	44875	45218	45193	45425	98.858	
	19	45909	45888	45427	45295	45107	45674	45591	46286	45735	44567	44410	45750	98.877	
	20	45623	45522	45321	44448	45413	44586	45570	44866	44799	44841	45179	45623	98.180	
	21	45661	44962	45588	44943	44714	45304	45222	45330	45191	45137	45265	45570	98.379	
	22	45126	45156	45522	45674	45807	45127	45395	45287	45483	45685	44528	45502	98.633	
	23	45570	44907	44850	45139	45573	45378	44734	45079	45276	44928	45411	45851	98.344	

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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	44976	44186	45192	45427	45370	45214	45451	44610	44972	44794	45162	45006	97.923
	1	45305	45521	45443	45872	44885	44858	45004	45521	44835	45087	45777	45366	98.485
	2	44851	45456	44975	45158	44804	45003	44554	45100	45273	45438	45050	45102	97.995
	3	45993	45396	45667	45088	45415	45514	45491	45055	44179	45982	45109	44559	98.480
	4	45842	45294	45817	45345	45584	45309	44995	45214	45078	45712	44865	45511	98.683
	5	45692	45579	45510	45712	44987	44657	45051	45427	45573	45924	45410	46263	98.904
	6	44873	45557	45160	45347	45538	45248	45549	45487	45318	45899	45559	45332	98.738
	7	45442	45760	46123	45107	45339	45270	45643	44925	45968	45519	45010	45307	98.837
	8	45480	45183	45459	45884	45378	45182	45879	45275	45526	45854	45091	45351	98.860
	9	45954	45069	45648	45334	45216	45338	45557	45640	45495	45689	45324	45900	98.973
	10	45926	45942	45461	45177	45687	44815	45610	45737	45470	45596	45033	44915	98.828
	11	45365	45072	44714	45407	44659	45357	46363	45819	45147	45439	45432	44943	98.530
	12	45514	44904	45270	45249	45129	45114	44915	45119	45162	44825	45292	45030	98.131
	13	45467	44823	45939	45902	44991	45775	44972	45401	45554	45433	45397	45149	98.726
	14	45069	45195	44601	45803	44536	45400	44650	44791	45196	45308	45345	45539	98.116
	15	45200	45405	45031	46096	45170	45879	45633	45131	45331	44657	44835	45479	98.552
	16	45523	45352	45294	45454	44149	46170	45279	45618	45234	45606	45249	45484	98.655
	17	45678	45907	45741	45200	45061	45910	45829	45762	45516	45355	45237	44946	98.969
	18	45531	45127	45407	45708	45676	45295	45999	45150	44882	46044	45332	46211	99.009
	19	45736	45320	44980	45640	45388	45756	45215	45065	45714	45582	45327	46014	98.895
	20	46292	45616	45335	45792	45376	44838	45747	45684	46122	45383	45359	45368	99.108
	21	45014	45609	45386	44536	45287	45366	45423	44950	44917	44831	45221	45116	98.156
	22	44958	45508	45170	45313	44825	44590	44619	45642	45911	45282	45416	45304	98.316
	23	46053	44664	45321	44914	44978	45310	45360	44801	44916	44694	44477	45469	98.029
20	0	45784	45261	45354	46053	45950	45391	45291	45282	45152	44956	45036	44844	98.647
	1	45437	45371	45731	45373	45461	45466	45248	44370	45628	45216	45649	44925	98.558
	2	45047	45319	45089	45313	45320	44648	45506	44782	45982	44876	45459	45337	98.341
	3	44678	45249	45862	44969	45369	45149	45467	44848	45201	45005	44896	45190	98.197
	4	45039	44437	45276	45050	45568	45834	45774	45283	45614	45243	45192	45219	98.495
	5	45966	45035	45595	45473	45438	45026	45291	45204	45482	45894	44993	44703	98.600
	6	45121	45663	45454	45611	46180	45275	44748	44851	45440	45222	45724	45028	98.638
	7	45425	45736	45468	45058	45247	45999	45451	45367	45261	45320	44916	45163	98.656
	8	45496	45339	44885	45231	44860	45286	45875	44849	46040	45048	44699	45091	98.346
	9	45854	45098	45149	45212	45604	44987	45562	45264	45801	45412	45544	45079	98.684
	10	45058	45197	45166	44865	45206	45474	45255	45911	44909	46023	45287	45259	98.510
	11	45247	45463	45198	45696	44946	45327	45333	45223	45681	44751	45212	45742	98.548
	12	45498	45172	45527	45642	45836	45712	45525	45657	45707	45366	46052	45590	99.175
	13	45695	45273	45320	45228	44975	45164	45255	45703	45667	45418	44354	44972	98.404
	14	45943	45657	45651	44566	45809	45936	46112	45220	45685	45294	45819	45610	99.179
	15	45063	44918	45931	44696	45914	45698	45034	45729	45063	44636	45274	45294	98.444
	16	45905	45160	45375	45196	45304	45356	45537	45687	45327	45541	45489	45386	98.809
	17	45486	45790	45165	45355	45542	45865	45613	45171	45126	46163	45734	45635	99.060
	18	45223	45819	45295	45980	45536	45674	45516	45295	45108	45576	46033	44673	98.894
	19	44935	45908	46091	45152	45326	45060	45259	45874	45549	45694	45574	44941	98.828
	20	45246	45232	45380	45379	45307	45178	45553	45308	45268	45562	45048	44504	98.393
	21	45781	45483	45592	45419	44962	45333	45534	45496	45382	45476	45003	45027	98.669
	22	44634	45405	45389	44525	45000	44835	45076	45743	45200	44982	45687	44928	98.110
	23	45056	45148	45488	45214	45292	45044	45049	45329	45770	45008	44699	44811	98.201

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
21	0	45370	44907	45255	45681	45509	45141	44938	45838	46595	45705	45536	45109	98.869
	1	45626	44967	45773	45513	45430	45705	45304	45208	46185	45415	45406	45530	98.954
	2	45439	44798	45706	45045	45563	44640	45514	45305	45050	45108	45590	45722	98.486
	3	45302	45502	45074	45581	45457	45147	45851	45458	45721	45303	44886	45443	98.712
	4	45225	45873	44841	45530	45160	45413	45942	45396	45439	45026	46061	45191	98.779
	5	45594	46053	45044	45326	45406	44845	45623	45775	44924	45475	45514	45744	98.821
	6	45236	45611	46176	44934	45591	45173	46030	45118	45182	45612	45646	45875	98.976
	7	45416	45618	44910	45519	45707	45529	45767	45755	45263	45925	45920	46116	99.204
	8	45784	45703	45209	45699	45556	45884	45978	45430	45754	45556	45377	44878	99.090
	9	45259	45158	45430	45976	45548	45428	44995	45610	45757	44964	45669	45836	98.876
	10	45354	45189	45334	45218	45203	46072	45318	45805	45452	45875	45862	45059	98.897
	11	45778	45550	45527	45875	45825	45987	45557	45182	45415	45981	45675	45966	99.363
	12	46174	45526	45619	45722	45375	45215	45041	46320	45538	45032	46012	45861	99.203
	13	45708	45741	45609	45596	44917	45872	45278	45568	45838	45168	45310	46082	99.068
	14	45550	45264	45734	45922	45979	45517	45495	45345	45966	45856	45441	44888	99.116
	15	45195	45497	45612	46289	45122	45987	45331	45810	45783	45196	45896	45749	99.208
	16	45772	45951	45911	45348	45039	45519	45195	45400	45838	45660	45010	45796	99.023
	17	45673	45232	45971	45297	45647	45464	45329	45668	45333	45343	45272	45693	98.929
	18	45547	45493	45093	45577	45296	45526	45874	45770	45119	45258	46133	45509	98.978
	19	45929	45555	45000	45439	45640	45749	44944	45698	45818	45357	45213	45057	98.834
	20	46111	45267	45386	45182	45263	45232	45349	45980	45433	45497	45874	45298	98.919
	21	45044	45174	45007	45101	45242	45482	45238	45375	45131	45410	45517	45653	98.467
	22	45175	45234	44868	45670	45942	45226	45893	45851	45648	45766	45142	45925	99.005
	23	45177	44989	45165	44917	45495	45165	45391	45187	45527	44471	45712	45405	98.327
22	0	45574	45574	44967	45294	45027	45418	45063	45258	45703	45695	45310	45971	98.734
	1	45029	45485	44912	45033	45625	45308	45236	45738	45278	45147	45237	45598	98.513
	2	45337	45148	45370	45426	45408	45331	45062	45055	45332	45546	45430	45431	98.558
	3	46220	45602	44925	45209	45365	45287	45389	45798	45664	45514	46104	45381	99.026
	4	45729	45497	44680	45865	45633	45635	45047	46242	44952	45464	44726	45210	98.704
	5	44728	45466	45253	46094	46119	45627	45437	45814	45526	45154	45544	44987	98.897
	6	45735	45552	44521	45433	45680	45517	45151	44712	45614	45655	45388	45406	98.646
	7	44892	45139	46071	45170	44609	45780	45785	45783	45250	45398	45522	46052	98.843
	8	45155	45228	45052	44971	45310	45300	45134	46145	46154	44782	45812	45467	98.673
	9	45251	45925	45712	44684	45659	45008	45504	45381	45244	45866	46041	45342	98.874
	10	45232	45627	45867	44803	45699	45577	45514	45770	44583	45054	45645	45876	98.807
	11	45258	45751	45773	45686	45156	45740	45489	45586	45433	45359	45453	45275	98.935
	12	45064	45871	45321	45347	45126	46000	45277	45504	45878	45230	45491	45898	98.945
	13	45284	45527	45590	45665	45307	45801	45146	45877	45865	45583	45357	45748	99.079
	14	45143	45126	45746	45961	46143	44832	45483	45275	44967	45725	44997	45205	98.690
	15	45528	45001	45297	45908	45681	45475	45853	45392	45259	45648	45282	45866	98.978
	16	44961	45244	45709	45697	45852	45337	44963	45439	45743	45782	45212	45596	98.859
	17	45915	45331	45424	44601	45473	45675	45250	45539	45561	45329	45133	45257	98.669
	18	45509	45445	45636	45965	45321	46179	44972	45401	45244	45394	45424	46019	99.035
	19	45443	45147	45804	45490	45446	45908	46151	45875	44889	45256	45374	46108	99.105
	20	45424	45521	45311	45460	45779	45854	45218	45401	45041	45910	45225	45839	98.940
	21	45135	45577	45636	45205	44836	45494	45243	45161	45582	45049	45024	45446	98.470
	22	44503	45602	45379	45530	45270	45449	44880	45622	45278	45054	45370	45170	98.418
	23	45560	45400	45083	45513	45679	45215	44773	45647	45833	45454	45061	45457	98.703

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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	45111	45470	44968	45565	45073	45965	45339	45264	45416	45882	45071	45288	98.651
	1	44966	44938	44615	45645	44482	45414	45730	45436	45106	45440	45139	44829	98.171
	2	45477	44528	45343	45804	45393	45254	45255	44843	46048	45702	44908	44678	98.442
	3	43872	45346	45008	45252	46012	45866	44590	45292	45336	45181	45294	45167	98.258
	4	45180	44941	44749	45005	45453	45075	45496	45496	45102	45971	44972	45133	98.322
	5	45154	45190	45327	45196	45282	45604	44765	44893	45531	45348	45879	44355	98.313
	6	45806	45428	44654	45020	44842	44917	45452	45454	45443	45342	45632	45019	98.401
	7	45572	45323	45421	45103	44923	45520	44920	45951	45102	45663	45458	45506	98.664
	8	45345	45144	45667	44879	45474	44745	45868	44994	45062	45175	45067	46113	98.496
	9	46003	45407	45944	46090	44939	45674	45093	45446	45751	45618	45508	45331	99.089
	10	45782	45731	45484	45515	46315	45469	45719	45222	45428	45313	45045	44595	98.873
	11	45409	45168	44769	45482	44814	45724	45748	45571	46136	45985	45515	45429	98.898
	12	45169	45832	45841	46177	46010	45785	46132	44925	45413	45761	45713	46030	99.448
	13	45227	45654	44655	46348	45635	45362	46227	45575	45689	46163	45472	45332	99.186
	14	45767	44915	45066	45816	45378	45337	45895	45233	45126	45902	45693	45445	98.866
	15	45562	46322	45187	45293	45264	45386	45416	45815	45787	46143	45207	45881	99.172
	16	45508	45538	45269	45984	44787	45903	45556	45684	45394	46141	45164	45050	98.939
	17	45611	45751	45568	45732	45630	45364	45109	45313	45153	45175	45148	44584	98.606
	18	46358	45637	45392	45010	45880	46138	46080	45516	45960	45953	45794	45972	99.611
	19	46118	45626	45925	45289	45791	45330	46213	45461	45473	46175	44918	45884	99.342
	20	45822	46133	46155	45789	45673	46082	45608	45426	45876	45906	45275	45874	99.599
	21	45779	46170	45826	46994	45378	45744	46311	45107	45274	45928	46192	45171	99.645
	22	45546	45916	45191	45497	45592	45247	45411	46071	45209	45563	45483	45987	99.072
	23	45041	45671	45479	45735	45272	44900	45141	45608	45463	45646	45168	44911	98.587
24	0	45116	45970	45463	45238	45532	44860	44912	45272	45323	45910	45135	45201	98.567
	1	45721	45434	45264	45438	45134	45594	45190	46029	45406	45655	45454	45439	98.899
	2	45052	44921	46131	45705	44394	44850	44906	45022	45547	45165	45732	45069	98.307
	3	45537	45107	45298	45649	45617	44846	46051	45581	45570	45432	45067	45314	98.774
	4	45096	45116	45539	45214	45813	46244	45599	45679	45259	45334	45430	44881	98.799
	5	44362	45462	45003	45568	45460	45118	45477	45631	45411	45620	45130	46113	98.645
	6	45490	45063	45350	45608	45655	44639	45388	44820	45637	45449	45176	45006	98.450
	7	46163	45288	45302	45446	45822	45833	44658	44893	45199	45155	45173	45296	98.622
	8	44997	45883	45064	45369	45081	44900	45312	45205	45052	45315	45809	45288	98.449
	9	45622	45403	45281	45503	45326	45287	45736	45547	45536	45895	44666	45580	98.831
	10	45295	45424	45813	44896	45527	46085	45979	45556	44990	45653	46545	45433	99.160
	11	45480	45420	44938	45609	45620	45665	45485	45845	45377	44942	45911	45601	98.924
	12	46234	45774	45963	45561	45801	46373	45533	45857	45567	45314	45532	45501	99.488
	13	45478	45685	46535	45573	45679	45101	45766	45587	45774	45695	44956	45825	99.242
	14	45843	45321	45499	45523	45840	45277	46264	45726	45531	45489	45569	45732	99.235
	15	46271	46004	46358	45464	45267	46132	45501	45063	46076	45352	45585	46198	99.536
	16	45713	45601	46225	46410	45237	45703	45329	45665	46097	45964	45688	46139	99.626
	17	45461	45752	45665	46604	45708	45575	46106	45589	45870	45520	46087	45231	99.517
	18	45707	45515	45544	45607	45658	45657	45850	45700	46120	45792	45457	45912	99.400
	19	45478	45546	45364	45477	45823	45811	46174	45901	45379	45619	46353	46819	99.622
	20	45133	45562	46298	45641	45983	45613	45571	45826	46447	45282	45370	46028	99.442
	21	46183	45499	45654	45926	45485	46092	45701	45338	46105	45673	45340	44979	99.301
	22	45391	45588	44918	44898	45257	45391	45830	45090	46128	45101	45514	45550	98.700
	23	45765	45637	44696	45781	45334	45268	45137	45325	45229	45151	45708	45494	98.676

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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	45837	45332	45971	45802	45734	45332	45360	44806	45456	44895	45693	45579	98.906	
	1	45437	45697	45800	45729	44852	45515	45131	45778	45701	45952	45496	45882	99.119	
	2	45587	45564	45548	45680	45283	45288	44904	44656	44712	46122	44925	44992	98.446	
	3	44977	45494	45131	45113	45730	45390	44923	45065	45847	45132	45090	45459	98.463	
	4	44979	45304	45814	45659	45689	44288	45499	45244	45222	45630	45545	44905	98.541	
	5	44928	45381	45029	45265	45532	45805	44823	45418	45677	44713	45230	45240	98.407	
	6	45257	45335	45625	45088	45540	44804	44805	45072	45523	45455	45159	45977	98.515	
	7	45354	44768	45483	45170	45778	44822	45385	45394	45541	44862	45016	45584	98.428	
	8	45059	44949	45409	44862	45161	45666	45475	45810	45358	44938	45704	45723	98.601	
	9	45157	45303	45856	45470	45051	45996	45103	45570	45460	45036	44837	45150	98.578	
	10	45217	45340	44719	45189	45382	45788	45045	45075	45673	45185	45493	45847	98.573	
	11	45033	44981	45314	45164	44642	45036	44945	45254	44574	46189	45159	44749	98.044	
	12	44322	44980	45153	45195	45181	45286	45310	44961	45443	46160	44997	45399	98.290	
	13	45421	45307	45575	44468	45404	45874	45360	44683	45124	45538	45337	45250	98.461	
	14	45082	45500	45422	45337	45234	45338	45470	45301	45635	45582	45824	45115	98.733	
	15	45964	45572	45916	45424	45703	45840	44796	45055	44797	45151	45685	45069	98.756	
	16	45383	45646	45431	45523	45547	45573	45564	45278	45846	46036	46150	45354	99.185	
	17	45054	45365	44800	45641	46013	45677	45106	45379	45391	45822	46104	45843	98.979	
	18	45587	45798	45846	45747	45201	45353	45698	45524	45000	45219	45563	45885	99.019	
	19	45671	45828	45724	45462	45350	46128	45596	46031	45724	45605	45498	45595	99.344	
	20	45481	45149	45956	45553	45348	45847	45011	45575	44897	45205	45517	45704	98.806	
	21	45695	45244	45821	45389	45922	45463	45360	45777	45618	45280	45591	45579	99.077	
	22	46327	45526	45442	46133	45235	45216	45461	45906	45056	45344	45474	45151	98.991	
	23	45500	45202	45400	45656	44946	45988	44756	44682	45807	45046	44996	45512	98.488	
26	0	45526	44681	45331	45116	45647	45563	45665	45131	45117	44879	45191	45719	98.500	
	1	45079	45947	45419	45436	45569	45974	45400	45546	45216	45514	45285	45651	98.950	
	2	45573	45590	45548	45635	45485	44920	45348	45239	45754	45262	45335	44948	98.696	
	3	45754	45118	45498	45904	44907	45470	45298	45658	45535	45575	45159	45137	98.764	
	4	44996	46059	45758	45861	45449	45578	45707	45470	45058	45197	44998	45283	98.836	
	5	44789	45029	45429	45535	45459	45643	45147	45599	45953	45229	45440	45626	98.740	
	6	45462	45619	45673	45407	45120	45258	45165	45002	45551	44822	45830	45543	98.663	
	7	46593	46031	46182	45761	45253	45829	45536	45795	45751	45543	46211	45594	99.682	
	8	45578	45352	45267	44661	45790	46120	45486	45523	46232	45598	45950	45489	99.132	
	9	45565	45848	46089	45091	45768	45573	46257	45625	45959	45546	45144	45567	99.311	
	10	45570	45385	46018	45204	45365	45799	46217	45742	45859	45215	45659	45890	99.292	
	11	45190	45460	45343	46079	45600	45866	46394	45532	45526	45936	45734	45615	99.355	
	12	45740	45221	45643	45554	45337	45739	45462	46213	45561	45630	45195	45588	99.103	
	13	45322	45604	45901	45534	45453	45550	45204	45518	45327	45623	45270	45206	98.855	
	14	45939	45398	45218	45840	45902	45689	45154	45703	45553	45773	46178	45285	99.239	
	15	45786	45599	45570	45534	45569	45409	45456	45481	45665	45106	45082	45370	98.876	
	16	45257	45376	45725	45475	45832	45101	45753	45443	45555	45573	45901	45273	98.990	
	17	45670	46016	45707	45541	45354	45131	45671	45399	45500	46041	45288	45600	99.110	
	18	45210	45229	45675	45359	45405	44999	45453	45700	45783	45604	45442	45766	98.875	
	19	45236	45211	45584	45233	45477	45108	45821	45268	45487	45228	44902	45640	98.616	
	20	45610	45566	45292	45660	45180	45748	45973	44852	45488	45300	45649	45582	98.925	
	21	45246	45077	45421	45069	45020	44857	45206	45371	45324	45459	45092	45732	98.376	
	22	45212	45323	45431	45633	45249	46070	45683	44978	45650	45064	45247	45903	98.842	
	23	45021	45406	45316	45161	45153	44696	45119	45445	45348	45284	45317	45183	98.299	

INAF/UNIromaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2013											20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
27	0	45711	45397	45305	45674	46028	45740	45106	44913	45751	45986	45741	45604	99.124
	1	45379	45622	45794	44761	45434	45838	45281	45697	45561	45554	45364	45566	98.916
	2	46259	45520	45176	45677	45724	45464	45266	45561	45684	45512	45747	45885	99.210
	3	45965	46012	45636	45514	45106	45239	46399	45748	45942	45785	45863	45546	99.442
	4	45894	45572	45822	46002	45136	45122	46360	45378	45108	45394	45861	45903	99.224
	5	45681	45738	45686	45785	45590	45436	45692	45544	45800	45549	45589	45851	99.295
	6	45386	45681	45777	45605	45968	45034	45939	45896	45587	45459	45703	45482	99.218
	7	45410	45396	45581	46023	45474	45372	45989	44902	45650	45627	46108	45493	99.129
	8	45374	46410	45524	46055	45401	45519	45599	45140	45356	45685	46052	45422	99.222
	9	45471	45260	45109	46028	45047	45946	45913	45640	45572	45480	45820	45414	99.070
	10	45427	45670	45706	46092	45678	45777	46124	46071	45214	45519	45248	45429	99.297
	11	45307	45295	45648	45666	45897	45292	45525	45661	45075	45444	44897	45936	98.878
	12	46320	45769	45389	44787	45230	45681	45276	45509	45042	46250	46038	46150	99.205
	13	45253	45420	46002	45561	45441	45552	45550	45477	45325	45453	45928	45561	99.038
	14	45931	45824	45735	45312	45554	45903	45325	45604	45965	45537	45336	45259	99.176
	15	45350	45778	45297	46220	46040	45855	45259	45292	45597	45569	45606	45367	99.166
	16	45387	45589	45116	45054	45262	46096	45425	45753	45795	45429	45733	45025	98.882
	17	45378	45144	45683	45196	45116	45481	45538	45631	45963	45358	45313	45520	98.820
	18	45521	46121	45877	45453	45292	45445	45029	45583	45651	44886	45138	45715	98.891
	19	45314	45671	44832	45028	44981	45563	45363	44996	45380	45567	45380	45364	98.479
	20	44875	45955	45724	45979	44909	45289	45529	45838	45081	45487	44901	45221	98.724
	21	45732	45423	45060	44989	45499	45113	45056	44909	44804	44946	44681	45365	98.142
	22	44346	45425	45377	45321	45454	44609	45574	44949	44385	45271	45741	45336	98.179
	23	44494	45568	44880	45368	45381	45468	45516	45575	45674	45246	45229	45036	98.478
28	0	45077	45319	45479	45596	45225	45126	44873	45615	45220	45335	44957	44852	98.346
	1	45113	45628	45623	45098	45203	45403	45113	45716	44638	45863	45064	45265	98.531
	2	45746	45184	44805	45439	45570	45485	45432	45323	45279	45493	45733	45299	98.723
	3	45470	44968	44654	44830	44941	45052	45317	44955	45549	44911	45147	45496	98.089
	4	45624	45521	45287	45079	45389	45290	45312	45099	45626	45441	45281	45883	98.731
	5	44665	44934	45540	45030	45642	46606	45190	45215	45809	45250	45724	45437	98.769
	6	45001	45028	45604	45576	44986	45490	44776	45616	45278	45057	45044	45422	98.377
	7	45798	45134	45454	45123	45733	45739	44680	45413	45710	45191	46030	45559	98.864
	8	45158	45358	45543	45077	45167	45371	45949	45626	45802	44624	44936	45624	98.623
	9	44704	45427	45857	46017	44808	45542	45850	44956	45289	45235	45614	45844	98.788
	10	45524	46102	45563	45370	45361	45486	45426	45475	45448	45715	45190	45250	98.926
	11	45570	45706	44966	44867	44688	45723	46700	45312	44554	45193	45236	45238	98.536
	12	45116	45399	44812	45538	45289	45604	46094	45098	45603	45830	45810	45553	98.897
	13	45274	45678	45487	45238	45791	45633	45633	45480	45636	45350	45413	44672	98.813
	14	44884	44904	45937	45026	45556	44471	45760	45342	45411	45180	46055	45205	98.532
	15	45464	45128	45284	45436	45461	45199	45126	45602	45910	45526	45825	45646	98.872
	16	44917	45350	45872	45249	45357	44888	45545	45110	44889	45390	44943	44466	98.214
	17	45511	45039	45852	45535	45396	45487	45403	45794	45261	45427	45402	45878	98.940
	18	45584	44830	45503	45056	45458	45305	45173	45420	45926	44986	45192	45579	98.583
	19	44891	45200	45218	45325	45358	44997	45367	44675	45733	44816	45038	44984	98.146
	20	44959	46154	44859	45406	44962	45572	45188	45724	45715	45441	45130	45031	98.606
	21	45711	45328	44977	45421	44892	45031	45191	44990	44999	45396	45105	45203	98.262
	22	45644	45311	45171	45297	45406	44820	45071	45397	45050	45556	45754	45512	98.578
	23	45656	46133	45964	45526	45485	45331	45055	45133	45807	45501	45487	45667	99.078

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2013										20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
29	0	45862	45422	45116	45083	44679	45889	45733	45496	45373	44928	45427	45356	98.649	
	1	45286	45978	45916	45320	44620	45533	45780	45283	45739	45397	45355	46206	99.018	
	2	45743	45429	45970	45233	45190	45329	45562	45899	45418	45311	45655	45515	98.989	
	3	45556	45822	45310	45874	44933	45194	45901	45124	45853	46104	45015	45291	98.939	
	4	45125	46082	45306	46011	45175	45637	45289	45689	44920	45306	45831	45360	98.895	
	5	46094	45593	45624	46102	45146	45191	44981	45621	45672	45691	45293	45072	98.958	
	6	45599	46004	45652	45698	45364	45280	44991	45254	45389	45953	45664	45312	98.972	
	7	45979	45377	45202	45766	45246	45980	45138	46098	45650	45930	45764	45543	99.246	
	8	45207	45359	45781	44983	45360	45662	45791	45472	45579	45473	45331	46037	98.949	
	9	45534	45354	45593	45672	45018	45300	45244	45431	46016	46116	44727	46169	98.975	
	10	45389	45766	46154	46022	45797	45167	45917	45563	46049	45206	45650	45638	99.363	
	11	45634	45427	46204	45991	45338	45709	46118	45457	45672	44595	45520	45765	99.202	
	12	46277	45708	45252	45971	46082	45416	45578	45453	45631	45598	45427	45893	99.357	
	13	45658	45100	45920	45708	45476	45909	45968	46324	45277	45454	45578	45644	99.308	
	14	46092	46070	45196	45782	45741	44881	45301	45028	46179	45449	45517	45523	99.081	
	15	45349	44867	46005	45569	45279	45290	44907	45797	45682	45336	45378	44934	98.652	
	16	45351	46643	45395	45380	45776	45443	45864	44895	45516	45500	45605	45078	99.024	
	17	45487	45386	46042	45853	45726	45577	44771	45517	46131	45433	45375	46055	99.188	
	18	45573	45590	45430	45949	45728	44768	45185	45327	45502	45308	46362	45341	98.955	
	19	45649	45566	45614	45565	45862	45666	45831	46086	45443	45119	45703	45684	99.267	
	20	45513	45330	44958	46297	45585	45323	45700	46020	45590	45557	46511	45084	99.209	
	21	45441	45775	44996	45900	45296	45692	45003	45287	45118	45418	45285	45447	98.700	
	22	45475	44848	45686	45992	46267	45463	45505	45651	45414	45139	45376	45395	98.981	
	23	45188	45743	45837	44925	44828	45838	45597	45132	44830	45417	45666	45851	98.735	
30	0	45144	45544	46033	45769	45404	45337	45241	45774	45119	46126	44820	45704	98.947	
	1	45625	45042	45417	45283	45214	45880	45479	45379	45382	45588	46156	45268	98.891	
	2	45404	46383	45492	45561	45369	45793	45328	44850	45536	45406	45649	45583	99.007	
	3	45225	45567	45809	46040	45474	45729	45668	45802	45464	45740	45259	45379	99.152	
	4	45018	45791	45444	45327	45005	45793	45971	45228	45754	45689	45866	45626	99.035	
	5	45941	45896	45428	45265	45856	46239	45832	45804	46146	45619	45954	46178	99.696	
	6	45068	45257	45656	45562	45136	46238	45773	45342	45994	45913	45634	46118	99.250	
	7	45373	45729	45132	45703	45646	45303	45767	45022	45420	45789	45358	45579	98.911	
	8	44910	45003	45530	45799	44961	45586	44958	44781	44991	45419	45409	45807	98.427	
	9	46216	46201	45956	46086	45405	46082	45659	46060	45225	46445	45593	45299	99.709	
	10	45226	44790	45501	45906	45287	45908	45576	45715	46067	45872	45852	46086	99.267	
	11	44931	45757	45383	45444	45519	45760	45642	45789	45502	45119	45637	45517	98.943	
	12	45771	45786	45376	44859	46522	45762	45515	45677	45458	45390	44561	45603	98.994	
	13	45507	45371	46109	45300	45599	45348	45845	45892	45849	45369	45180	44885	98.989	
	14	45181	45865	45722	45381	45987	45652	45898	45887	45698	45812	45831	45583	99.396	
	15	45217	45500	45341	45606	46322	45308	45224	45582	45577	45630	45815	45203	99.002	
	16	45266	45910	45755	45955	45239	45783	45472	45963	45374	45740	44661	45889	99.125	
	17	45029	45252	46077	45720	45301	45025	45630	45373	45849	45325	45582	45436	98.870	
	18	45364	45058	45265	45426	45152	45501	45084	44877	45292	44894	45444	45776	98.424	
	19	44691	45471	45703	45143	45041	45318	45239	45427	45903	45259	45223	45249	98.520	
	20	45653	45231	45782	45848	45539	46036	45329	45001	44999	45080	44879	44767	98.607	
	21	45015	45491	44900	45114	45765	45546	45488	44989	45491	44957	45280	44699	98.351	
	22	45502	45122	45933	45335	45718	45229	45335	45755	46186	45223	45441	44996	98.902	
	23	45409	45544	45120	45096	45619	45746	45315	45402	46407	45277	44741	45956	98.876	

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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
31	0	45617	44948	44995	45238	45195	45206	45664	45682	45487	45075	45243	45548	98.559
	1	45970	46061	45104	46132	44881	45200	45034	45440	45217	45394	45063	45575	98.774
	2	44990	45587	45185	45702	45509	45264	44962	45586	45757	45614	45861	45695	98.891
	3	45017	44723	45585	45416	45305	44935	44873	44801	45066	44824	44992	45065	97.965
	4	45972	44793	45277	45399	45509	45369	45056	45925	45444	44636	45109	45729	98.620
	5	46138	45217	44893	45410	45573	44877	45926	45731	45032	45823	45537	46038	98.978
	6	45562	44976	45515	45722	44609	45396	45462	45626	46040	45424	46453	45946	99.075
	7	45312	45327	46359	44878	45663	45357	45507	45511	45539	45584	44645	45555	98.805
	8	46110	45463	45658	45271	45769	45469	45880	46212	45078	44978	45009	45380	98.994
	9	45352	45894	45368	45727	44975	45200	45363	46058	45581	45620	45373	45186	98.888
	10	45520	45894	45848	45922	45184	45367	45190	45427	45467	44955	45145	45481	98.834
	11	45245	46069	45400	44971	45396	45329	45580	45258	45087	45531	45200	45895	98.755
	12	45419	44952	44972	44973	45991	45359	44954	45515	45180	45184	45398	44995	98.380
	13	45226	44395	45747	46014	45429	45715	44915	45241	45269	45451	45936	45058	98.652
	14	45508	45423	45656	44924	45241	45151	44619	45356	45832	45368	45543	45074	98.526
	15	45314	45271	45242	45820	45550	46341	45991	45285	45304	45367	45567	45251	98.998
	16	45246	45258	45658	45176	45075	45366	45220	45782	45366	45520	45195	45190	98.590
	17	45504	45553	45399	46339	45005	45716	45082	45484	45042	44795	45455	45867	98.805
	18	45807	45420	45223	45198	45429	45173	45352	45403	45072	45347	45983	45243	98.698
	19	45373	45174	45166	44932	45376	44984	45394	45713	45793	45739	45850	45373	98.737
	20	45879	45603	45759	45260	45838	45996	45986	45649	46193	46015	45728	45475	99.556
	21	45389	45393	46351	45903	45706	45346	45591	45415	45827	45802	45337	45162	99.164
	22	45159	44769	44965	44877	45965	45562	45175	45903	45158	44895	45125	45367	98.385
	23	45054	45210	45574	44977	45360	45159	45213	45385	45491	45258	45335	45073	98.415

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
1	0	1009.15	1009.12	1009.06	1009.02	1009.02	1009.04	1009.05	1009.01	1008.93	1008.81	1008.69	1008.67	1008.95
	1	1008.66	1008.58	1008.47	1008.38	1008.33	1008.23	1008.12	1008.07	1008.02	1007.98	1007.98	1007.97	1008.23
	2	1007.90	1007.74	1007.60	1007.56	1007.54	1007.53	1007.51	1007.50	1007.48	1007.44	1007.42	1007.39	1007.55
	3	1007.35	1007.30	1007.28	1007.27	1007.23	1007.17	1007.06	1006.96	1006.88	1006.79	1006.74	1006.69	1007.06
	4	1006.64	1006.64	1006.61	1006.55	1006.53	1006.54	1006.55	1006.51	1006.45	1006.45	1006.43	1006.35	1006.52
	5	1006.27	1006.25	1006.27	1006.28	1006.27	1006.31	1006.35	1006.33	1006.27	1006.22	1006.23	1006.24	1006.27
	6	1006.19	1006.15	1006.11	1006.05	1006.05	1006.06	1006.01	1005.92	1005.91	1005.91	1005.85	1005.78	1006.00
	7	1005.70	1005.66	1005.65	1005.59	1005.56	1005.52	1005.45	1005.38	1005.36	1005.39	1005.40	1005.44	1005.50
	8	1005.41	1005.38	1005.38	1005.33	1005.29	1005.24	1005.16	1005.11	1005.08	1005.08	1005.10	1005.14	1005.22
	9	1005.19	1005.22	1005.32	1005.27	1005.15	1005.18	1005.19	1005.09	1004.98	1004.96	1004.96	1004.99	1005.12
	10	1005.00	1004.97	1004.98	1004.93	1004.85	1004.70	1004.70	1004.81	1004.87	1004.93	1005.00	1005.08	1004.90
	11	1005.06	1005.03	1005.08	1005.17	1005.16	1005.04	1004.97	1004.98	1004.97	1004.95	1004.91	1004.83	1005.01
	12	1004.80	1004.79	1004.80	1004.74	1004.67	1004.66	1004.64	1004.53	1004.40	1004.28	1004.11	1004.01	1004.53
	13	1004.00	1003.97	1003.95	1004.03	1003.98	1003.87	1003.79	1003.71	1003.66	1003.67	1003.81	1003.83	1003.85
	14	1003.75	1003.66	1003.60	1003.63	1003.70	1003.66	1003.57	1003.56	1003.53	1003.42	1003.43	1003.48	1003.58
	15	1003.48	1003.50	1003.51	1003.55	1003.53	1003.54	1003.58	1003.57	1003.57	1003.65	1003.68	1003.61	1003.56
	16	1003.54	1003.58	1003.67	1003.79	1003.90	1003.95	1003.96	1003.94	1003.95	1003.97	1004.05	1004.11	1003.87
	17	1004.09	1004.12	1004.13	1004.04	1003.95	1004.00	1004.08	1004.10	1004.17	1004.24	1004.29	1004.24	1004.12
	18	1004.18	1004.22	1004.18	1004.18	1004.27	1004.31	1004.37	1004.41	1004.46	1004.51	1004.55	1004.62	1004.35
	19	1004.64	1004.67	1004.75	1004.78	1004.78	1004.76	1004.88	1005.04	1005.10	1005.08	1004.98	1005.01	1004.87
	20	1005.12	1005.26	1005.37	1005.32	1005.28	1005.33	1005.33	1005.38	1005.53	1005.64	1005.66	1005.65	1005.40
	21	1005.71	1005.80	1005.85	1005.82	1005.74	1005.74	1005.75	1005.72	1005.68	1005.63	1005.64	1005.71	1005.73
	22	1005.72	1005.67	1005.69	1005.80	1005.86	1005.85	1005.82	1005.76	1005.68	1005.61	1005.73	1005.88	1005.75
	23	1005.89	1005.93	1005.88	1005.86	1005.93	1005.82	1005.70	1005.72	1005.87	1006.01	1006.09	1006.11	1005.90
2	0	1006.07	1006.11	1006.11	1006.15	1006.22	1006.07	1005.98	1006.10	1006.20	1006.20	1006.16	1006.14	1006.13
	1	1006.15	1006.26	1006.38	1006.43	1006.42	1006.40	1006.43	1006.40	1006.39	1006.39	1006.34	1006.33	1006.36
	2	1006.36	1006.37	1006.35	1006.40	1006.61	1006.78	1006.75	1006.69	1006.74	1006.74	1006.69	1006.85	1006.61
	3	1007.02	1007.07	1007.19	1007.41	1007.61	1007.68	1007.63	1007.71	1007.93	1008.09	1008.15	1008.19	1007.64
	4	1008.24	1008.22	1008.11	1007.94	1007.88	1007.94	1007.95	1007.96	1007.94	1007.91	1007.85	1007.77	1007.97
	5	1007.80	1007.89	1007.96	1008.09	1008.19	1008.18	1008.18	1008.25	1008.31	1008.38	1008.46	1008.46	1008.18
	6	1008.47	1008.53	1008.65	1008.82	1008.97	1008.98	1009.02	1009.17	1009.27	1009.39	1009.45	1009.50	1009.01
	7	1009.64	1009.74	1009.81	1009.93	1010.03	1010.09	1010.14	1010.18	1010.18	1010.18	1010.27	1010.37	1010.04
	8	1010.44	1010.57	1010.65	1010.67	1010.76	1010.91	1011.05	1011.08	1011.06	1011.09	1011.14	1011.17	1010.88
	9	1011.25	1011.28	1011.28	1011.32	1011.31	1011.35	1011.47	1011.51	1011.48	1011.43	1011.39	1011.39	1011.37
	10	1011.44	1011.48	1011.46	1011.43	1011.44	1011.44	1011.42	1011.37	1011.38	1011.40	1011.36	1011.35	1011.41
	11	1011.41	1011.42	1011.40	1011.38	1011.36	1011.35	1011.36	1011.39	1011.49	1011.60	1011.69	1011.78	1011.47
	12	1011.90	1012.03	1012.15	1012.30	1012.42	1012.48	1012.57	1012.65	1012.74	1012.87	1012.95	1012.96	1012.50
	13	1012.93	1012.88	1012.97	1013.10	1013.15	1013.21	1013.33	1013.46	1013.52	1013.61	1013.73	1013.80	1013.31
	14	1013.85	1013.90	1013.97	1014.08	1014.18	1014.28	1014.38	1014.53	1014.63	1014.65	1014.71	1014.81	1014.33
	15	1014.93	1015.11	1015.23	1015.27	1015.31	1015.39	1015.49	1015.55	1015.57	1015.62	1015.71	1015.77	1015.41
	16	1015.85	1015.94	1015.98	1016.06	1016.15	1016.18	1016.23	1016.32	1016.43	1016.52	1016.60	1016.71	1016.25
	17	1016.82	1016.87	1016.92	1017.01	1017.05	1017.08	1017.13	1017.17	1017.21	1017.25	1017.31	1017.34	1017.09
	18	1017.31	1017.35	1017.46	1017.49	1017.47	1017.49	1017.64	1017.77	1017.83	1017.90	1017.95	1017.97	1017.63
	19	1017.99	1018.01	1018.06	1018.11	1018.17	1018.23	1018.26	1018.27	1018.31	1018.33	1018.30	1018.33	1018.20
	20	1018.37	1018.41	1018.50	1018.56	1018.56	1018.57	1018.59	1018.64	1018.69	1018.69	1018.68	1018.72	1018.58
	21	1018.79	1018.76	1018.72	1018.79	1018.88	1018.93	1018.99	1019.01	1019.03	1019.02	1019.03	1019.13	1018.92
	22	1019.24	1019.26	1019.25	1019.27	1019.26	1019.27	1019.26	1019.27	1019.30	1019.38	1019.47	1019.52	1019.31
	23	1019.56	1019.57	1019.58	1019.64	1019.70	1019.67	1019.59	1019.59	1019.63	1019.63	1019.59	1019.54	1019.60

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
3	0	1019.52	1019.50	1019.49	1019.48	1019.45	1019.50	1019.53	1019.56	1019.56	1019.51	1019.47	1019.50	1019.50
	1	1019.59	1019.72	1019.81	1019.80	1019.80	1019.85	1019.94	1020.01	1020.04	1020.03	1019.98	1019.96	1019.88
	2	1019.96	1019.95	1019.91	1019.80	1019.72	1019.72	1019.65	1019.54	1019.47	1019.43	1019.40	1019.37	1019.66
	3	1019.41	1019.35	1019.30	1019.40	1019.48	1019.50	1019.51	1019.54	1019.58	1019.58	1019.57	1019.54	1019.48
	4	1019.55	1019.56	1019.55	1019.54	1019.50	1019.46	1019.46	1019.52	1019.55	1019.58	1019.63	1019.66	1019.54
	5	1019.72	1019.69	1019.64	1019.66	1019.70	1019.74	1019.75	1019.71	1019.68	1019.71	1019.72	1019.72	1019.70
	6	1019.80	1019.84	1019.83	1019.83	1019.82	1019.86	1019.87	1019.82	1019.79	1019.79	1019.84	1019.86	1019.83
	7	1019.87	1019.92	1019.98	1020.04	1020.05	1020.09	1020.14	1020.18	1020.24	1020.22	1020.21	1020.27	1020.10
	8	1020.35	1020.39	1020.45	1020.47	1020.48	1020.50	1020.47	1020.48	1020.53	1020.58	1020.62	1020.60	1020.49
	9	1020.58	1020.62	1020.69	1020.74	1020.75	1020.74	1020.73	1020.70	1020.63	1020.57	1020.51	1020.44	1020.64
	10	1020.40	1020.40	1020.40	1020.36	1020.31	1020.26	1020.24	1020.22	1020.21	1020.19	1020.13	1020.12	1020.27
	11	1020.12	1020.06	1019.99	1019.91	1019.80	1019.72	1019.66	1019.60	1019.56	1019.56	1019.53	1019.47	1019.75
	12	1019.49	1019.54	1019.60	1019.68	1019.70	1019.68	1019.68	1019.64	1019.62	1019.60	1019.53	1019.51	1019.60
	13	1019.50	1019.48	1019.46	1019.44	1019.43	1019.45	1019.47	1019.51	1019.54	1019.56	1019.56	1019.55	1019.49
	14	1019.55	1019.57	1019.56	1019.51	1019.49	1019.51	1019.50	1019.48	1019.51	1019.56	1019.55	1019.54	1019.53
	15	1019.59	1019.68	1019.72	1019.72	1019.74	1019.75	1019.79	1019.81	1019.81	1019.85	1019.88	1019.89	1019.77
	16	1019.96	1020.04	1020.09	1020.14	1020.22	1020.31	1020.36	1020.42	1020.54	1020.63	1020.65	1020.69	1020.34
	17	1020.75	1020.78	1020.85	1020.98	1021.04	1021.07	1021.14	1021.19	1021.23	1021.28	1021.32	1021.37	1021.08
	18	1021.45	1021.51	1021.56	1021.61	1021.63	1021.64	1021.68	1021.71	1021.72	1021.75	1021.83	1021.90	1021.66
	19	1021.93	1021.94	1021.94	1021.94	1021.97	1022.01	1022.04	1022.06	1022.10	1022.14	1022.20	1022.23	1022.04
	20	1022.23	1022.24	1022.28	1022.30	1022.29	1022.34	1022.40	1022.45	1022.50	1022.54	1022.56	1022.58	1022.39
	21	1022.57	1022.58	1022.62	1022.63	1022.63	1022.63	1022.63	1022.64	1022.68	1022.67	1022.65	1022.66	1022.63
	22	1022.68	1022.65	1022.63	1022.65	1022.67	1022.71	1022.74	1022.77	1022.82	1022.87	1022.89	1022.90	1022.75
	23	1022.90	1022.91	1022.89	1022.87	1022.87	1022.84	1022.83	1022.86	1022.84	1022.82	1022.84	1022.84	1022.86
4	0	1022.84	1022.84	1022.82	1022.82	1022.87	1022.91	1022.90	1022.90	1022.93	1022.97	1023.00	1022.99	1022.90
	1	1022.97	1023.00	1023.02	1023.03	1023.05	1023.03	1023.04	1023.06	1023.04	1023.03	1023.03	1022.99	1023.02
	2	1022.98	1023.00	1022.99	1023.00	1022.97	1022.93	1022.93	1022.92	1022.92	1022.91	1022.90	1022.89	1022.94
	3	1022.86	1022.84	1022.81	1022.78	1022.80	1022.79	1022.74	1022.71	1022.67	1022.67	1022.68	1022.67	1022.75
	4	1022.70	1022.75	1022.77	1022.80	1022.83	1022.84	1022.82	1022.80	1022.80	1022.79	1022.80	1022.84	1022.79
	5	1022.84	1022.85	1022.88	1022.88	1022.92	1022.94	1022.95	1022.95	1022.93	1022.92	1022.92	1022.96	1022.91
	6	1023.01	1023.00	1022.97	1022.96	1022.96	1023.00	1023.04	1023.08	1023.08	1023.07	1023.10	1023.14	1023.03
	7	1023.21	1023.28	1023.36	1023.44	1023.47	1023.52	1023.60	1023.66	1023.69	1023.70	1023.72	1023.73	1023.53
	8	1023.76	1023.80	1023.83	1023.86	1023.87	1023.89	1023.91	1023.92	1023.96	1024.01	1024.02	1024.00	1023.90
	9	1024.05	1024.08	1024.08	1024.11	1024.13	1024.15	1024.14	1024.09	1024.01	1023.94	1023.91	1023.92	1024.05
	10	1023.91	1023.85	1023.77	1023.67	1023.58	1023.52	1023.48	1023.46	1023.45	1023.40	1023.37	1023.34	1023.56
	11	1023.31	1023.31	1023.27	1023.21	1023.19	1023.15	1023.06	1023.00	1022.99	1022.96	1022.93	1022.89	1023.10
	12	1022.84	1022.82	1022.78	1022.71	1022.63	1022.58	1022.54	1022.49	1022.45	1022.41	1022.39	1022.34	1022.58
	13	1022.27	1022.22	1022.21	1022.21	1022.18	1022.11	1022.05	1022.02	1021.98	1021.92	1021.90	1021.86	1022.07
	14	1021.82	1021.80	1021.80	1021.80	1021.79	1021.77	1021.75	1021.75	1021.76	1021.78	1021.83	1021.84	1021.79
	15	1021.83	1021.81	1021.79	1021.77	1021.73	1021.71	1021.70	1021.68	1021.67	1021.67	1021.67	1021.66	1021.72
	16	1021.66	1021.67	1021.69	1021.69	1021.69	1021.69	1021.66	1021.64	1021.62	1021.60	1021.58	1021.58	1021.64
	17	1021.57	1021.57	1021.57	1021.57	1021.59	1021.59	1021.57	1021.58	1021.58	1021.57	1021.58	1021.58	1021.57
	18	1021.58	1021.61	1021.66	1021.72	1021.78	1021.79	1021.78	1021.78	1021.77	1021.75	1021.72	1021.70	1021.72
	19	1021.68	1021.65	1021.65	1021.63	1021.60	1021.58	1021.56	1021.57	1021.56	1021.55	1021.55	1021.56	1021.59
	20	1021.54	1021.55	1021.57	1021.56	1021.59	1021.60	1021.57	1021.54	1021.54	1021.56	1021.54	1021.51	1021.55
	21	1021.51	1021.52	1021.51	1021.48	1021.43	1021.43	1021.43	1021.45	1021.47	1021.49	1021.48	1021.47	1021.47
	22	1021.48	1021.49	1021.49	1021.47	1021.50	1021.56	1021.59	1021.60	1021.60	1021.60	1021.61	1021.63	1021.55
	23	1021.66	1021.67	1021.66	1021.65	1021.65	1021.65	1021.64	1021.62	1021.58	1021.52	1021.51	1021.54	1021.61

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

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
5	0	1021.56	1021.57	1021.56	1021.53	1021.53	1021.55	1021.57	1021.56	1021.56	1021.51	1021.48	1021.51	1021.54
	1	1021.52	1021.51	1021.48	1021.45	1021.44	1021.42	1021.42	1021.42	1021.41	1021.37	1021.29	1021.24	1021.41
	2	1021.20	1021.18	1021.21	1021.23	1021.22	1021.22	1021.20	1021.19	1021.17	1021.11	1021.07	1021.05	1021.17
	3	1021.03	1021.02	1020.99	1020.93	1020.87	1020.85	1020.85	1020.86	1020.90	1020.90	1020.90	1020.86	1020.91
	4	1020.83	1020.85	1020.89	1020.91	1020.89	1020.88	1020.88	1020.88	1020.89	1020.86	1020.80	1020.79	1020.86
	5	1020.85	1020.89	1020.91	1020.92	1020.90	1020.88	1020.89	1020.93	1020.93	1020.93	1020.99	1021.07	1020.92
	6	1021.13	1021.14	1021.13	1021.14	1021.19	1021.24	1021.26	1021.29	1021.34	1021.38	1021.41	1021.48	1021.26
	7	1021.53	1021.56	1021.64	1021.73	1021.79	1021.81	1021.83	1021.83	1021.84	1021.85	1021.86	1021.87	1021.76
	8	1021.90	1021.94	1021.96	1021.94	1021.93	1021.95	1021.98	1022.02	1022.06	1022.05	1022.06	1022.09	1021.99
	9	1022.09	1022.08	1022.09	1022.11	1022.13	1022.13	1022.09	1022.06	1022.05	1022.00	1021.94	1021.89	1022.05
	10	1021.82	1021.75	1021.68	1021.63	1021.58	1021.53	1021.47	1021.40	1021.36	1021.32	1021.30	1021.29	1021.51
	11	1021.22	1021.13	1021.06	1020.98	1020.93	1020.92	1020.89	1020.86	1020.83	1020.79	1020.75	1020.70	1020.92
	12	1020.62	1020.55	1020.47	1020.41	1020.39	1020.38	1020.32	1020.24	1020.21	1020.19	1020.15	1020.07	1020.33
	13	1019.99	1019.99	1019.99	1019.93	1019.88	1019.85	1019.84	1019.83	1019.84	1019.81	1019.75	1019.73	1019.87
	14	1019.70	1019.66	1019.67	1019.70	1019.72	1019.70	1019.68	1019.67	1019.61	1019.55	1019.48	1019.46	1019.63
	15	1019.48	1019.43	1019.36	1019.34	1019.39	1019.44	1019.46	1019.46	1019.42	1019.33	1019.28	1019.28	1019.39
	16	1019.27	1019.26	1019.33	1019.37	1019.39	1019.44	1019.45	1019.47	1019.55	1019.67	1019.71	1019.67	1019.46
	17	1019.61	1019.60	1019.62	1019.65	1019.66	1019.64	1019.60	1019.65	1019.71	1019.66	1019.65	1019.72	1019.65
	18	1019.77	1019.75	1019.72	1019.81	1019.92	1019.97	1019.95	1019.94	1019.95	1019.95	1019.98	1019.95	1019.89
	19	1019.93	1019.96	1019.89	1019.89	1019.96	1019.99	1019.99	1019.94	1019.95	1019.94	1019.98	1020.04	1019.95
	20	1019.97	1019.98	1020.02	1019.97	1019.90	1019.85	1019.82	1019.80	1019.81	1019.83	1019.86	1019.86	1019.89
	21	1019.88	1019.86	1019.77	1019.72	1019.68	1019.69	1019.72	1019.77	1019.85	1019.88	1019.85	1019.85	1019.79
	22	1019.87	1019.87	1019.86	1019.88	1019.91	1019.94	1019.90	1019.79	1019.71	1019.67	1019.63	1019.57	1019.80
	23	1019.54	1019.52	1019.50	1019.47	1019.43	1019.39	1019.37	1019.37	1019.35	1019.33	1019.31	1019.30	1019.40
6	0	1019.31	1019.32	1019.36	1019.41	1019.44	1019.46	1019.46	1019.45	1019.41	1019.35	1019.30	1019.25	1019.38
	1	1019.24	1019.24	1019.24	1019.23	1019.18	1019.13	1019.09	1019.01	1018.90	1018.85	1018.85	1018.85	1019.07
	2	1018.83	1018.76	1018.67	1018.56	1018.41	1018.21	1018.07	1017.96	1017.94	1017.89	1017.82	1017.80	1018.24
	3	1017.72	1017.67	1017.60	1017.53	1017.51	1017.43	1017.35	1017.31	1017.29	1017.29	1017.29	1017.32	1017.44
	4	1017.37	1017.40	1017.39	1017.33	1017.26	1017.22	1017.17	1017.08	1016.97	1016.92	1016.99	1017.11	1017.18
	5	1017.17	1017.22	1017.26	1017.25	1017.31	1017.33	1017.35	1017.40	1017.45	1017.49	1017.44	1017.37	1017.34
	6	1017.29	1017.13	1016.99	1017.02	1017.13	1017.17	1017.14	1017.10	1017.08	1017.05	1017.03	1017.01	1017.09
	7	1016.99	1017.04	1017.10	1017.11	1017.07	1017.00	1016.89	1016.76	1016.72	1016.75	1016.74	1016.74	1016.91
	8	1016.79	1016.79	1016.72	1016.70	1016.70	1016.65	1016.58	1016.57	1016.59	1016.64	1016.64	1016.58	1016.66
	9	1016.54	1016.50	1016.48	1016.44	1016.39	1016.33	1016.30	1016.27	1016.24	1016.24	1016.22	1016.17	1016.34
	10	1016.21	1016.23	1016.23	1016.15	1015.98	1015.86	1015.74	1015.64	1015.55	1015.40	1015.28	1015.19	1015.79
	11	1015.12	1015.09	1015.05	1015.05	1015.05	1015.01	1014.96	1014.89	1014.80	1014.71	1014.69	1014.67	1014.92
	12	1014.59	1014.48	1014.35	1014.24	1014.17	1014.15	1014.17	1014.13	1014.06	1014.02	1013.98	1013.92	1014.19
	13	1013.89	1013.89	1013.91	1013.90	1013.83	1013.77	1013.72	1013.66	1013.61	1013.52	1013.45	1013.43	1013.71
	14	1013.44	1013.52	1013.59	1013.63	1013.62	1013.60	1013.58	1013.56	1013.57	1013.54	1013.46	1013.40	1013.54
	15	1013.48	1013.63	1013.70	1013.77	1013.82	1013.87	1013.89	1013.93	1013.95	1013.90	1013.90	1013.92	1013.81
	16	1013.94	1013.91	1013.86	1013.83	1013.84	1013.83	1013.81	1013.74	1013.65	1013.60	1013.55	1013.54	1013.76
	17	1013.57	1013.59	1013.59	1013.47	1013.38	1013.49	1013.71	1013.75	1013.68	1013.77	1013.84	1013.91	1013.64
	18	1013.93	1013.87	1013.96	1014.09	1014.16	1014.17	1014.14	1014.17	1014.19	1014.15	1014.18	1014.24	1014.10
	19	1014.19	1014.10	1014.06	1014.11	1014.23	1014.30	1014.32	1014.32	1014.31	1014.30	1014.31	1014.30	1014.23
	20	1014.30	1014.31	1014.32	1014.34	1014.35	1014.34	1014.34	1014.36	1014.41	1014.46	1014.48	1014.49	1014.37
	21	1014.50	1014.53	1014.59	1014.68	1014.76	1014.84	1014.90	1014.96	1015.03	1015.08	1015.15	1015.21	1014.85
	22	1015.24	1015.27	1015.28	1015.31	1015.36	1015.38	1015.38	1015.39	1015.41	1015.46	1015.47	1015.48	1015.37
	23	1015.49	1015.42	1015.35	1015.32	1015.28	1015.31	1015.31	1015.28	1015.32	1015.32	1015.25	1015.22	1015.32

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

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
7	0	1015.21	1015.25	1015.30	1015.32	1015.36	1015.38	1015.39	1015.48	1015.55	1015.56	1015.57	1015.63	1015.42
	1	1015.70	1015.72	1015.70	1015.67	1015.69	1015.73	1015.77	1015.80	1015.83	1015.84	1015.87	1015.92	1015.77
	2	1015.93	1015.93	1015.97	1015.97	1015.97	1015.95	1015.91	1015.89	1015.89	1015.85	1015.83	1015.86	1015.91
	3	1015.88	1015.89	1015.91	1015.93	1015.92	1015.93	1016.00	1016.08	1016.14	1016.19	1016.22	1016.26	1016.03
	4	1016.32	1016.41	1016.47	1016.46	1016.45	1016.51	1016.59	1016.62	1016.61	1016.64	1016.73	1016.85	1016.55
	5	1016.92	1016.94	1016.95	1016.96	1016.98	1017.01	1017.09	1017.18	1017.24	1017.33	1017.49	1017.63	1017.14
	6	1017.72	1017.75	1017.76	1017.83	1017.97	1018.11	1018.21	1018.27	1018.34	1018.50	1018.65	1018.74	1018.15
	7	1018.84	1018.97	1019.06	1019.14	1019.22	1019.31	1019.41	1019.48	1019.55	1019.63	1019.70	1019.78	1019.34
	8	1019.85	1019.93	1020.01	1020.05	1020.09	1020.20	1020.34	1020.43	1020.46	1020.50	1020.58	1020.64	1020.25
	9	1020.65	1020.68	1020.72	1020.75	1020.74	1020.73	1020.76	1020.79	1020.80	1020.78	1020.76	1020.78	1020.74
	10	1020.85	1020.88	1020.81	1020.73	1020.78	1020.93	1021.00	1020.96	1020.93	1020.95	1020.96	1020.94	1020.89
	11	1020.95	1020.91	1020.87	1020.85	1020.89	1020.98	1021.01	1021.04	1021.08	1021.06	1021.00	1021.00	1020.97
	12	1021.04	1021.07	1021.09	1021.10	1021.04	1021.00	1021.00	1020.99	1021.00	1021.03	1021.03	1021.01	1021.03
	13	1021.01	1021.05	1021.06	1021.04	1021.04	1021.04	1021.05	1021.11	1021.16	1021.14	1021.18	1021.27	1021.09
	14	1021.36	1021.43	1021.52	1021.64	1021.68	1021.68	1021.72	1021.78	1021.81	1021.86	1021.92	1021.95	1021.69
	15	1021.97	1021.95	1021.92	1021.93	1021.94	1021.97	1022.06	1022.17	1022.19	1022.16	1022.17	1022.25	1022.06
	16	1022.34	1022.31	1022.32	1022.35	1022.36	1022.38	1022.44	1022.52	1022.58	1022.62	1022.68	1022.80	1022.47
	17	1022.90	1022.91	1022.93	1022.99	1023.02	1023.07	1023.08	1023.06	1023.08	1023.14	1023.22	1023.31	1023.06
	18	1023.40	1023.47	1023.53	1023.60	1023.67	1023.73	1023.83	1023.91	1023.94	1023.98	1024.03	1024.11	1023.77
	19	1024.17	1024.19	1024.21	1024.25	1024.30	1024.30	1024.28	1024.30	1024.33	1024.37	1024.42	1024.49	1024.30
	20	1024.58	1024.65	1024.67	1024.70	1024.73	1024.75	1024.78	1024.83	1024.86	1024.87	1024.90	1024.96	1024.77
	21	1025.02	1025.05	1025.06	1025.09	1025.12	1025.13	1025.16	1025.19	1025.22	1025.29	1025.30	1025.29	1025.16
	22	1025.28	1025.29	1025.36	1025.40	1025.42	1025.50	1025.62	1025.68	1025.71	1025.74	1025.75	1025.77	1025.54
	23	1025.76	1025.73	1025.71	1025.72	1025.72	1025.69	1025.64	1025.59	1025.56	1025.55	1025.53	1025.48	1025.64
8	0	1025.44	1025.46	1025.47	1025.47	1025.47	1025.49	1025.53	1025.54	1025.57	1025.65	1025.72	1025.76	1025.55
	1	1025.78	1025.82	1025.82	1025.82	1025.84	1025.86	1025.87	1025.86	1025.87	1025.89	1025.90	1025.91	1025.85
	2	1025.91	1025.91	1025.92	1025.89	1025.83	1025.79	1025.74	1025.72	1025.73	1025.71	1025.68	1025.65	1025.79
	3	1025.63	1025.64	1025.62	1025.56	1025.55	1025.54	1025.52	1025.56	1025.58	1025.56	1025.57	1025.57	1025.57
	4	1025.51	1025.46	1025.46	1025.45	1025.48	1025.52	1025.50	1025.49	1025.50	1025.52	1025.57	1025.64	1025.51
	5	1025.67	1025.65	1025.66	1025.66	1025.68	1025.72	1025.72	1025.74	1025.77	1025.76	1025.78	1025.86	1025.72
	6	1025.95	1026.03	1026.08	1026.11	1026.11	1026.13	1026.16	1026.20	1026.25	1026.31	1026.35	1026.38	1026.17
	7	1026.38	1026.41	1026.47	1026.51	1026.54	1026.57	1026.59	1026.64	1026.71	1026.76	1026.82	1026.87	1026.60
	8	1026.87	1026.82	1026.81	1026.82	1026.81	1026.82	1026.87	1026.93	1026.98	1027.04	1027.13	1027.19	1026.92
	9	1027.20	1027.21	1027.19	1027.20	1027.24	1027.28	1027.30	1027.30	1027.29	1027.30	1027.26	1027.18	1027.24
	10	1027.15	1027.11	1027.03	1026.97	1026.96	1026.93	1026.92	1026.93	1026.89	1026.84	1026.81	1026.77	1026.94
	11	1026.76	1026.76	1026.72	1026.67	1026.61	1026.52	1026.37	1026.17	1025.95	1025.88	1025.93	1025.87	1026.35
	12	1025.76	1025.68	1025.66	1025.70	1025.70	1025.72	1025.75	1025.73	1025.69	1025.68	1025.70	1025.71	1025.70
	13	1025.66	1025.64	1025.65	1025.63	1025.64	1025.65	1025.65	1025.67	1025.72	1025.77	1025.78	1025.76	1025.68
	14	1025.75	1025.77	1025.81	1025.87	1025.95	1026.02	1026.10	1026.18	1026.22	1026.19	1026.17	1026.21	1026.02
	15	1026.22	1026.18	1026.17	1026.17	1026.17	1026.16	1026.16	1026.18	1026.19	1026.19	1026.21	1026.26	1026.19
	16	1026.29	1026.26	1026.26	1026.29	1026.34	1026.43	1026.48	1026.54	1026.62	1026.68	1026.74	1026.78	1026.47
	17	1026.81	1026.87	1026.92	1026.98	1027.05	1027.13	1027.21	1027.25	1027.28	1027.32	1027.36	1027.39	1027.13
	18	1027.45	1027.50	1027.52	1027.52	1027.52	1027.50	1027.50	1027.49	1027.49	1027.48	1027.47	1027.50	1027.49
	19	1027.52	1027.54	1027.56	1027.54	1027.56	1027.61	1027.63	1027.63	1027.63	1027.62	1027.63	1027.67	1027.59
	20	1027.67	1027.67	1027.69	1027.70	1027.71	1027.74	1027.76	1027.76	1027.71	1027.71	1027.76	1027.77	1027.72
	21	1027.78	1027.87	1028.01	1028.12	1028.17	1028.18	1028.19	1028.19	1028.23	1028.35	1028.42	1028.45	1028.16
	22	1028.51	1028.58	1028.63	1028.67	1028.62	1028.56	1028.55	1028.55	1028.55	1028.56	1028.57	1028.57	1028.57
	23	1028.55	1028.53	1028.53	1028.51	1028.46	1028.44	1028.42	1028.35	1028.29	1028.25	1028.22	1028.21	1028.39

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

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	1028.17	1028.18	1028.18	1028.14	1028.06	1027.97	1027.97	1028.02	1028.03	1028.04	1028.09	1028.14	1028.08
	1	1028.17	1028.22	1028.23	1028.22	1028.24	1028.23	1028.21	1028.19	1028.20	1028.21	1028.16	1028.08	1028.20
	2	1028.01	1027.97	1027.96	1027.96	1027.96	1027.97	1028.00	1028.02	1028.03	1028.02	1027.98	1027.96	1027.99
	3	1027.95	1027.93	1027.92	1027.93	1027.93	1027.94	1027.96	1027.97	1027.97	1027.97	1028.01	1028.03	1027.96
	4	1028.03	1028.05	1028.04	1028.03	1028.02	1027.99	1027.97	1027.99	1028.04	1028.08	1028.11	1028.17	1028.04
	5	1028.23	1028.24	1028.25	1028.27	1028.28	1028.29	1028.30	1028.34	1028.40	1028.45	1028.50	1028.56	1028.34
	6	1028.60	1028.59	1028.58	1028.57	1028.56	1028.58	1028.60	1028.66	1028.73	1028.80	1028.86	1028.90	1028.67
	7	1028.93	1028.97	1029.03	1029.09	1029.19	1029.26	1029.30	1029.34	1029.37	1029.39	1029.39	1029.38	1029.22
	8	1029.33	1029.30	1029.29	1029.31	1029.39	1029.46	1029.48	1029.49	1029.53	1029.56	1029.58	1029.61	1029.44
	9	1029.63	1029.63	1029.60	1029.57	1029.55	1029.51	1029.48	1029.47	1029.51	1029.52	1029.52	1029.49	1029.54
	10	1029.42	1029.36	1029.32	1029.29	1029.22	1029.13	1029.09	1029.09	1029.10	1029.02	1028.96	1028.96	1029.16
	11	1028.96	1028.93	1028.83	1028.74	1028.66	1028.61	1028.58	1028.51	1028.46	1028.43	1028.38	1028.36	1028.62
	12	1028.35	1028.33	1028.29	1028.26	1028.23	1028.20	1028.21	1028.20	1028.19	1028.17	1028.14	1028.07	1028.22
	13	1028.02	1027.99	1027.98	1027.97	1027.95	1027.93	1027.91	1027.89	1027.87	1027.87	1027.85	1027.81	1027.92
	14	1027.77	1027.75	1027.72	1027.70	1027.73	1027.77	1027.80	1027.80	1027.77	1027.79	1027.81	1027.78	1027.76
	15	1027.76	1027.76	1027.76	1027.76	1027.79	1027.81	1027.81	1027.83	1027.87	1027.89	1027.90	1027.91	1027.82
	16	1027.93	1027.97	1027.98	1027.97	1027.97	1028.00	1028.04	1028.04	1028.04	1028.06	1028.11	1028.14	1028.02
	17	1028.12	1028.11	1028.11	1028.09	1028.07	1028.07	1028.06	1028.06	1028.09	1028.12	1028.13	1028.15	1028.10
	18	1028.16	1028.13	1028.12	1028.16	1028.24	1028.33	1028.41	1028.44	1028.44	1028.43	1028.43	1028.45	1028.31
	19	1028.48	1028.51	1028.53	1028.56	1028.59	1028.58	1028.56	1028.51	1028.48	1028.46	1028.44	1028.43	1028.51
	20	1028.44	1028.45	1028.48	1028.52	1028.54	1028.55	1028.58	1028.60	1028.63	1028.70	1028.73	1028.72	1028.58
	21	1028.72	1028.74	1028.78	1028.84	1028.91	1028.95	1028.98	1029.00	1029.03	1029.06	1029.06	1029.06	1028.92
	22	1029.08	1029.10	1029.13	1029.18	1029.21	1029.21	1029.22	1029.23	1029.26	1029.23	1029.17	1029.11	1029.18
	23	1029.14	1029.17	1029.14	1029.12	1029.12	1029.17	1029.19	1029.19	1029.14	1028.95	1028.81	1028.83	1029.08
10	0	1028.84	1028.89	1028.93	1028.94	1028.92	1028.87	1028.87	1028.91	1028.92	1028.84	1028.78	1028.82	1028.88
	1	1028.90	1029.04	1029.18	1029.23	1029.22	1029.25	1029.28	1029.28	1029.23	1029.14	1029.12	1029.14	1029.17
	2	1029.18	1029.21	1029.24	1029.26	1029.26	1029.24	1029.23	1029.24	1029.26	1029.33	1029.39	1029.38	1029.27
	3	1029.36	1029.36	1029.39	1029.40	1029.39	1029.39	1029.37	1029.33	1029.30	1029.31	1029.33	1029.36	1029.36
	4	1029.36	1029.37	1029.41	1029.44	1029.43	1029.41	1029.43	1029.47	1029.48	1029.46	1029.44	1029.45	1029.43
	5	1029.47	1029.51	1029.53	1029.52	1029.53	1029.55	1029.57	1029.58	1029.58	1029.61	1029.63	1029.65	1029.56
	6	1029.72	1029.74	1029.75	1029.79	1029.87	1029.95	1029.97	1029.97	1029.99	1030.00	1030.02	1030.00	1029.90
	7	1029.98	1030.02	1030.13	1030.23	1030.23	1030.22	1030.21	1030.22	1030.28	1030.38	1030.43	1030.43	1030.23
	8	1030.47	1030.51	1030.52	1030.54	1030.54	1030.55	1030.60	1030.64	1030.64	1030.66	1030.73	1030.82	1030.60
	9	1030.90	1030.97	1031.01	1031.04	1031.10	1031.18	1031.20	1031.20	1031.19	1031.14	1031.13	1031.14	1031.10
	10	1031.08	1030.95	1030.87	1030.86	1030.84	1030.84	1030.82	1030.77	1030.74	1030.72	1030.70	1030.67	1030.82
	11	1030.60	1030.54	1030.54	1030.54	1030.50	1030.48	1030.47	1030.43	1030.38	1030.39	1030.37	1030.34	1030.46
	12	1030.31	1030.28	1030.27	1030.22	1030.16	1030.11	1030.10	1030.11	1030.13	1030.16	1030.14	1030.09	1030.17
	13	1030.03	1030.04	1030.04	1029.98	1029.97	1029.98	1029.97	1029.95	1029.92	1029.91	1029.94	1030.03	1029.98
	14	1030.09	1030.09	1030.07	1030.10	1030.14	1030.16	1030.19	1030.20	1030.19	1030.21	1030.24	1030.24	1030.16
	15	1030.24	1030.28	1030.31	1030.32	1030.35	1030.39	1030.42	1030.43	1030.46	1030.46	1030.45	1030.49	1030.38
	16	1030.55	1030.60	1030.63	1030.70	1030.78	1030.80	1030.81	1030.85	1030.90	1030.93	1031.00	1031.02	1030.79
	17	1031.00	1031.00	1031.03	1031.08	1031.10	1031.10	1031.09	1031.09	1031.08	1031.10	1031.14	1031.15	1031.08
	18	1031.12	1031.11	1031.14	1031.17	1031.22	1031.28	1031.32	1031.36	1031.37	1031.38	1031.41	1031.44	1031.27
	19	1031.46	1031.46	1031.45	1031.44	1031.43	1031.46	1031.50	1031.54	1031.60	1031.64	1031.66	1031.67	1031.52
	20	1031.69	1031.72	1031.72	1031.75	1031.78	1031.80	1031.82	1031.82	1031.86	1031.88	1031.87	1031.87	1031.80
	21	1031.88	1031.92	1031.96	1032.01	1032.08	1032.14	1032.20	1032.20	1032.20	1032.23	1032.26	1032.23	1032.11
	22	1032.24	1032.31	1032.40	1032.45	1032.45	1032.44	1032.43	1032.43	1032.43	1032.41	1032.35	1032.31	1032.39
	23	1032.28	1032.21	1032.19	1032.19	1032.14	1032.07	1032.02	1031.99	1031.92	1031.90	1031.97	1032.03	1032.07

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

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1032.02	1032.01	1032.04	1032.05	1032.03	1032.03	1032.04	1032.05	1032.05	1032.07	1032.07	1032.07	1032.04
	1	1032.06	1032.05	1032.02	1031.97	1031.98	1032.03	1032.04	1032.02	1031.99	1031.95	1031.94	1031.96	1032.00
	2	1031.97	1031.93	1031.95	1031.99	1031.97	1031.95	1031.93	1031.90	1031.89	1031.92	1031.97	1032.02	1031.95
	3	1032.07	1032.07	1032.06	1032.06	1032.02	1032.04	1032.08	1032.09	1032.12	1032.14	1032.14	1032.14	1032.08
	4	1032.17	1032.18	1032.19	1032.18	1032.16	1032.15	1032.09	1031.98	1031.91	1031.96	1031.99	1031.97	1032.08
	5	1032.00	1032.07	1032.10	1032.12	1032.13	1032.15	1032.19	1032.20	1032.21	1032.24	1032.27	1032.28	1032.16
	6	1032.31	1032.34	1032.38	1032.43	1032.45	1032.50	1032.55	1032.53	1032.56	1032.59	1032.61	1032.63	1032.49
	7	1032.61	1032.61	1032.64	1032.72	1032.78	1032.83	1032.87	1032.87	1032.87	1032.88	1032.90	1032.95	1032.79
	8	1032.94	1032.94	1032.94	1032.94	1032.97	1032.99	1033.03	1033.06	1033.04	1033.05	1033.08	1033.15	1033.01
	9	1033.22	1033.23	1033.23	1033.24	1033.24	1033.23	1033.23	1033.24	1033.21	1033.17	1033.18	1033.20	1033.22
	10	1033.23	1033.20	1033.19	1033.19	1033.13	1033.09	1033.04	1032.99	1032.95	1032.90	1032.85	1032.80	1033.05
	11	1032.75	1032.70	1032.64	1032.59	1032.54	1032.45	1032.36	1032.29	1032.23	1032.16	1032.09	1032.04	1032.40
	12	1032.03	1032.04	1032.03	1032.01	1031.97	1031.94	1031.89	1031.82	1031.78	1031.72	1031.66	1031.65	1031.88
	13	1031.64	1031.60	1031.58	1031.57	1031.54	1031.49	1031.45	1031.44	1031.44	1031.45	1031.46	1031.45	1031.51
	14	1031.46	1031.49	1031.51	1031.53	1031.53	1031.56	1031.59	1031.59	1031.62	1031.67	1031.70	1031.72	1031.58
	15	1031.72	1031.70	1031.69	1031.68	1031.68	1031.70	1031.72	1031.72	1031.68	1031.66	1031.65	1031.66	1031.68
	16	1031.68	1031.67	1031.68	1031.70	1031.74	1031.76	1031.80	1031.84	1031.84	1031.83	1031.84	1031.86	1031.77
	17	1031.86	1031.86	1031.85	1031.88	1031.94	1031.96	1031.95	1031.95	1031.94	1031.95	1031.97	1031.97	1031.92
	18	1031.97	1031.96	1031.97	1032.01	1032.03	1032.02	1031.99	1031.96	1031.99	1032.02	1032.02	1032.03	1031.99
	19	1032.02	1032.00	1031.97	1031.96	1031.99	1031.99	1031.98	1031.97	1031.97	1031.98	1032.02	1032.06	1031.99
	20	1032.08	1032.09	1032.09	1032.13	1032.18	1032.20	1032.23	1032.24	1032.23	1032.23	1032.21	1032.17	1032.17
	21	1032.13	1032.13	1032.13	1032.12	1032.13	1032.17	1032.20	1032.21	1032.21	1032.24	1032.29	1032.29	1032.19
	22	1032.28	1032.25	1032.21	1032.20	1032.19	1032.14	1032.08	1032.06	1032.07	1032.09	1032.11	1032.10	1032.15
	23	1032.05	1032.03	1032.02	1031.99	1031.96	1031.97	1031.98	1031.95	1031.92	1031.90	1031.90	1031.92	1031.96
12	0	1031.93	1031.94	1031.93	1031.90	1031.89	1031.88	1031.87	1031.87	1031.86	1031.81	1031.79	1031.81	1031.87
	1	1031.82	1031.82	1031.81	1031.78	1031.74	1031.73	1031.73	1031.73	1031.76	1031.76	1031.74	1031.73	1031.76
	2	1031.68	1031.62	1031.59	1031.60	1031.62	1031.62	1031.60	1031.55	1031.52	1031.48	1031.45	1031.42	1031.56
	3	1031.39	1031.35	1031.29	1031.27	1031.30	1031.29	1031.22	1031.18	1031.16	1031.13	1031.13	1031.13	1031.23
	4	1031.13	1031.12	1031.12	1031.09	1031.04	1031.01	1031.01	1031.00	1030.99	1030.97	1030.97	1031.00	1031.04
	5	1031.03	1031.04	1031.06	1031.06	1031.08	1031.11	1031.14	1031.14	1031.16	1031.25	1031.31	1031.32	1031.14
	6	1031.31	1031.31	1031.30	1031.28	1031.26	1031.27	1031.26	1031.27	1031.35	1031.38	1031.37	1031.36	1031.31
	7	1031.37	1031.42	1031.47	1031.48	1031.44	1031.41	1031.43	1031.44	1031.41	1031.41	1031.42	1031.40	1031.42
	8	1031.38	1031.38	1031.41	1031.40	1031.39	1031.38	1031.41	1031.46	1031.51	1031.55	1031.56	1031.58	1031.45
	9	1031.63	1031.66	1031.61	1031.54	1031.52	1031.53	1031.48	1031.41	1031.34	1031.28	1031.21	1031.15	1031.44
	10	1031.12	1031.11	1031.08	1031.04	1031.01	1030.99	1030.94	1030.82	1030.73	1030.64	1030.52	1030.38	1030.86
	11	1030.27	1030.22	1030.20	1030.17	1030.08	1030.02	1029.94	1029.82	1029.75	1029.71	1029.65	1029.58	1029.95
	12	1029.51	1029.41	1029.34	1029.28	1029.21	1029.14	1029.11	1029.07	1028.98	1028.90	1028.86	1028.84	1029.14
	13	1028.80	1028.76	1028.69	1028.59	1028.49	1028.43	1028.40	1028.37	1028.34	1028.34	1028.33	1028.29	1028.48
	14	1028.27	1028.26	1028.26	1028.26	1028.23	1028.20	1028.18	1028.17	1028.17	1028.14	1028.10	1028.06	1028.19
	15	1028.03	1028.00	1028.02	1028.02	1027.99	1027.98	1027.98	1027.95	1027.93	1027.93	1027.90	1027.88	1027.97
	16	1027.89	1027.92	1027.94	1027.94	1027.94	1027.96	1027.96	1027.97	1028.01	1028.01	1028.00	1028.01	1027.96
	17	1027.98	1027.98	1028.01	1028.01	1028.02	1028.02	1027.98	1027.96	1027.94	1027.90	1027.88	1027.86	1027.96
	18	1027.78	1027.73	1027.75	1027.76	1027.77	1027.77	1027.77	1027.80	1027.83	1027.82	1027.80	1027.80	1027.78
	19	1027.80	1027.81	1027.83	1027.81	1027.77	1027.76	1027.76	1027.75	1027.75	1027.75	1027.77	1027.78	1027.78
	20	1027.78	1027.77	1027.75	1027.73	1027.71	1027.71	1027.73	1027.75	1027.74	1027.71	1027.67	1027.62	1027.72
	21	1027.57	1027.52	1027.50	1027.51	1027.55	1027.56	1027.57	1027.56	1027.54	1027.54	1027.54	1027.55	1027.54
	22	1027.58	1027.58	1027.53	1027.49	1027.51	1027.51	1027.47	1027.44	1027.41	1027.42	1027.41	1027.36	1027.47
	23	1027.33	1027.31	1027.29	1027.26	1027.19	1027.12	1027.07	1027.03	1026.99	1026.94	1026.90	1026.85	1027.10

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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	1026.76	1026.76	1026.75	1026.72	1026.69	1026.71	1026.77	1026.80	1026.81	1026.80	1026.81	1026.83	1026.76
	1	1026.80	1026.74	1026.71	1026.70	1026.66	1026.64	1026.68	1026.67	1026.57	1026.47	1026.41	1026.43	1026.62
	2	1026.49	1026.47	1026.37	1026.29	1026.28	1026.24	1026.16	1026.09	1026.02	1026.02	1026.01	1025.96	1026.20
	3	1025.91	1025.83	1025.78	1025.79	1025.79	1025.78	1025.75	1025.73	1025.74	1025.76	1025.76	1025.75	1025.78
	4	1025.69	1025.67	1025.66	1025.62	1025.59	1025.58	1025.58	1025.57	1025.57	1025.59	1025.59	1025.58	1025.61
	5	1025.61	1025.65	1025.66	1025.66	1025.66	1025.67	1025.68	1025.70	1025.73	1025.74	1025.79	1025.83	1025.70
	6	1025.83	1025.84	1025.85	1025.86	1025.88	1025.91	1025.92	1025.92	1025.94	1025.95	1025.95	1025.92	1025.90
	7	1025.90	1025.90	1025.89	1025.87	1025.88	1025.91	1025.95	1025.96	1025.95	1025.96	1025.95	1025.97	1025.92
	8	1026.00	1026.01	1026.03	1026.07	1026.09	1026.15	1026.19	1026.22	1026.27	1026.29	1026.31	1026.32	1026.16
	9	1026.30	1026.25	1026.23	1026.22	1026.21	1026.21	1026.19	1026.18	1026.16	1026.12	1026.08	1026.06	1026.18
	10	1026.04	1026.01	1025.97	1025.90	1025.83	1025.75	1025.69	1025.64	1025.57	1025.51	1025.47	1025.40	1025.73
	11	1025.34	1025.27	1025.19	1025.13	1025.07	1025.02	1024.98	1024.94	1024.88	1024.85	1024.81	1024.73	1025.01
	12	1024.67	1024.61	1024.55	1024.52	1024.48	1024.43	1024.38	1024.32	1024.29	1024.30	1024.29	1024.25	1024.42
	13	1024.20	1024.14	1024.06	1024.01	1023.98	1023.96	1023.94	1023.92	1023.92	1023.91	1023.91	1023.92	1023.99
	14	1023.91	1023.90	1023.90	1023.89	1023.88	1023.90	1023.93	1023.91	1023.92	1023.93	1023.94	1023.97	1023.91
	15	1023.99	1023.98	1023.95	1023.93	1023.95	1024.00	1024.02	1024.02	1024.03	1024.02	1024.01	1024.02	1023.99
	16	1024.04	1024.05	1024.09	1024.12	1024.12	1024.13	1024.13	1024.11	1024.12	1024.12	1024.12	1024.15	1024.10
	17	1024.17	1024.18	1024.18	1024.19	1024.20	1024.21	1024.21	1024.25	1024.29	1024.31	1024.34	1024.36	1024.24
	18	1024.38	1024.44	1024.51	1024.56	1024.61	1024.65	1024.64	1024.64	1024.66	1024.68	1024.69	1024.72	1024.60
	19	1024.73	1024.71	1024.71	1024.72	1024.73	1024.76	1024.79	1024.83	1024.89	1024.96	1025.01	1025.02	1024.82
	20	1025.00	1025.01	1025.06	1025.09	1025.09	1025.09	1025.11	1025.11	1025.15	1025.20	1025.24	1025.28	1025.12
	21	1025.35	1025.40	1025.44	1025.46	1025.49	1025.54	1025.57	1025.61	1025.63	1025.64	1025.66	1025.70	1025.54
	22	1025.73	1025.75	1025.80	1025.83	1025.86	1025.88	1025.88	1025.88	1025.86	1025.85	1025.88	1025.89	1025.84
	23	1025.92	1025.95	1025.96	1025.97	1025.98	1025.99	1026.01	1026.05	1026.07	1026.08	1026.10	1026.10	1026.01
14	0	1026.13	1026.14	1026.16	1026.15	1026.14	1026.13	1026.12	1026.13	1026.18	1026.23	1026.25	1026.25	1026.17
	1	1026.23	1026.22	1026.27	1026.28	1026.25	1026.24	1026.25	1026.25	1026.24	1026.24	1026.23	1026.20	1026.24
	2	1026.17	1026.18	1026.20	1026.18	1026.13	1026.09	1026.02	1025.98	1025.96	1025.95	1025.94	1025.93	1026.06
	3	1025.90	1025.89	1025.90	1025.90	1025.91	1025.90	1025.90	1025.96	1026.01	1026.05	1026.11	1026.14	1025.96
	4	1026.12	1026.10	1026.09	1026.10	1026.14	1026.15	1026.17	1026.23	1026.25	1026.24	1026.25	1026.27	1026.17
	5	1026.28	1026.34	1026.39	1026.47	1026.56	1026.57	1026.57	1026.56	1026.52	1026.54	1026.60	1026.65	1026.50
	6	1026.65	1026.63	1026.65	1026.66	1026.68	1026.72	1026.75	1026.76	1026.74	1026.81	1026.93	1027.00	1026.75
	7	1027.05	1027.10	1027.13	1027.19	1027.25	1027.32	1027.41	1027.44	1027.46	1027.51	1027.53	1027.54	1027.32
	8	1027.56	1027.58	1027.60	1027.67	1027.75	1027.86	1027.93	1027.97	1028.03	1028.12	1028.17	1028.17	1027.86
	9	1028.21	1028.24	1028.29	1028.39	1028.44	1028.46	1028.49	1028.45	1028.40	1028.40	1028.41	1028.40	1028.38
	10	1028.36	1028.30	1028.24	1028.20	1028.18	1028.18	1028.20	1028.20	1028.18	1028.12	1027.99	1027.90	1028.17
	11	1027.81	1027.75	1027.77	1027.77	1027.77	1027.76	1027.71	1027.67	1027.68	1027.69	1027.69	1027.69	1027.73
	12	1027.67	1027.60	1027.52	1027.48	1027.44	1027.38	1027.32	1027.28	1027.30	1027.29	1027.27	1027.29	1027.40
	13	1027.29	1027.27	1027.24	1027.20	1027.18	1027.17	1027.17	1027.21	1027.23	1027.24	1027.25	1027.28	1027.23
	14	1027.31	1027.32	1027.31	1027.32	1027.35	1027.35	1027.35	1027.38	1027.39	1027.38	1027.36	1027.34	1027.35
	15	1027.32	1027.32	1027.31	1027.30	1027.26	1027.23	1027.26	1027.29	1027.27	1027.27	1027.29	1027.27	1027.28
	16	1027.27	1027.26	1027.25	1027.28	1027.29	1027.31	1027.32	1027.29	1027.28	1027.30	1027.35	1027.37	1027.30
	17	1027.39	1027.46	1027.49	1027.51	1027.58	1027.64	1027.67	1027.70	1027.74	1027.82	1027.87	1027.89	1027.64
	18	1027.96	1028.00	1028.01	1028.03	1028.05	1028.09	1028.12	1028.14	1028.16	1028.15	1028.13	1028.13	1028.08
	19	1028.17	1028.23	1028.29	1028.33	1028.33	1028.35	1028.38	1028.35	1028.31	1028.33	1028.38	1028.42	1028.32
	20	1028.44	1028.46	1028.47	1028.48	1028.50	1028.49	1028.48	1028.49	1028.53	1028.54	1028.54	1028.57	1028.50
	21	1028.56	1028.55	1028.60	1028.63	1028.65	1028.70	1028.74	1028.78	1028.84	1028.84	1028.81	1028.82	1028.71
	22	1028.85	1028.87	1028.86	1028.86	1028.88	1028.86	1028.81	1028.76	1028.73	1028.69	1028.64	1028.61	1028.78
	23	1028.61	1028.61	1028.59	1028.55	1028.53	1028.55	1028.56	1028.56	1028.56	1028.57	1028.55	1028.49	1028.56

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
15	0	1028.41	1028.40	1028.40	1028.42	1028.42	1028.41	1028.43	1028.47	1028.43	1028.40	1028.38	1028.37	1028.41
	1	1028.40	1028.44	1028.50	1028.52	1028.49	1028.50	1028.51	1028.53	1028.55	1028.51	1028.47	1028.43	1028.49
	2	1028.42	1028.45	1028.45	1028.42	1028.38	1028.27	1028.19	1028.16	1028.16	1028.20	1028.22	1028.20	1028.29
	3	1028.18	1028.14	1028.10	1028.10	1028.06	1028.02	1028.02	1028.05	1028.07	1028.12	1028.19	1028.20	1028.10
	4	1028.16	1028.15	1028.16	1028.17	1028.17	1028.14	1028.15	1028.23	1028.28	1028.32	1028.37	1028.39	1028.22
	5	1028.43	1028.46	1028.47	1028.50	1028.52	1028.52	1028.49	1028.47	1028.51	1028.59	1028.63	1028.65	1028.52
	6	1028.69	1028.73	1028.75	1028.71	1028.61	1028.53	1028.54	1028.56	1028.57	1028.61	1028.68	1028.75	1028.64
	7	1028.79	1028.81	1028.82	1028.80	1028.80	1028.81	1028.83	1028.83	1028.79	1028.78	1028.85	1028.89	1028.81
	8	1028.79	1028.67	1028.64	1028.69	1028.77	1028.85	1028.96	1029.14	1029.37	1029.54	1029.64	1029.72	1029.06
	9	1029.82	1029.91	1029.98	1030.07	1030.12	1030.10	1030.08	1029.98	1029.80	1029.73	1029.83	1029.92	1029.94
	10	1029.92	1029.88	1029.83	1029.76	1029.72	1029.72	1029.68	1029.62	1029.64	1029.70	1029.67	1029.61	1029.73
	11	1029.61	1029.63	1029.68	1029.68	1029.64	1029.64	1029.63	1029.51	1029.37	1029.24	1029.09	1029.08	1029.48
	12	1029.09	1029.05	1028.99	1028.91	1028.79	1028.68	1028.65	1028.56	1028.51	1028.51	1028.50	1028.47	1028.72
	13	1028.39	1028.34	1028.33	1028.37	1028.40	1028.40	1028.38	1028.34	1028.27	1028.19	1028.21	1028.27	1028.32
	14	1028.31	1028.30	1028.26	1028.23	1028.20	1028.19	1028.19	1028.20	1028.23	1028.25	1028.29	1028.31	1028.24
	15	1028.32	1028.38	1028.47	1028.52	1028.58	1028.66	1028.72	1028.77	1028.81	1028.84	1028.84	1028.85	1028.65
	16	1028.92	1028.97	1029.00	1029.05	1029.07	1029.09	1029.10	1029.11	1029.11	1029.11	1029.12	1029.13	1029.06
	17	1029.16	1029.20	1029.21	1029.21	1029.23	1029.27	1029.31	1029.38	1029.49	1029.64	1029.75	1029.85	1029.39
	18	1029.92	1029.94	1029.99	1030.08	1030.17	1030.21	1030.22	1030.25	1030.29	1030.32	1030.36	1030.39	1030.18
	19	1030.38	1030.40	1030.44	1030.48	1030.53	1030.56	1030.61	1030.71	1030.81	1030.86	1030.86	1030.87	1030.62
	20	1030.91	1030.94	1030.93	1030.94	1030.97	1030.99	1031.04	1031.05	1031.05	1031.07	1031.05	1031.02	1030.99
	21	1031.04	1031.12	1031.21	1031.27	1031.34	1031.39	1031.41	1031.44	1031.47	1031.48	1031.51	1031.58	1031.35
	22	1031.63	1031.62	1031.62	1031.61	1031.61	1031.61	1031.58	1031.57	1031.58	1031.56	1031.52	1031.46	1031.58
	23	1031.40	1031.37	1031.36	1031.34	1031.29	1031.26	1031.27	1031.30	1031.36	1031.40	1031.39	1031.37	1031.34
16	0	1031.36	1031.35	1031.35	1031.39	1031.42	1031.48	1031.54	1031.52	1031.51	1031.53	1031.58	1031.63	1031.48
	1	1031.67	1031.69	1031.71	1031.74	1031.79	1031.85	1031.89	1031.93	1031.97	1032.00	1032.04	1032.04	1031.86
	2	1032.01	1032.00	1032.00	1031.98	1031.97	1031.95	1031.92	1031.93	1031.93	1031.88	1031.86	1031.84	1031.94
	3	1031.81	1031.79	1031.78	1031.79	1031.76	1031.70	1031.59	1031.54	1031.55	1031.54	1031.56	1031.61	1031.67
	4	1031.68	1031.70	1031.65	1031.63	1031.62	1031.59	1031.59	1031.63	1031.61	1031.58	1031.59	1031.59	1031.62
	5	1031.63	1031.74	1031.83	1031.85	1031.87	1031.91	1031.94	1031.96	1031.96	1031.95	1031.99	1032.06	1031.89
	6	1032.13	1032.18	1032.19	1032.19	1032.22	1032.23	1032.26	1032.26	1032.25	1032.26	1032.27	1032.34	1032.23
	7	1032.41	1032.50	1032.59	1032.63	1032.69	1032.77	1032.83	1032.91	1032.95	1032.96	1032.98	1032.96	1032.76
	8	1032.95	1033.00	1033.04	1033.04	1033.07	1033.12	1033.16	1033.20	1033.23	1033.25	1033.26	1033.25	1033.13
	9	1033.22	1033.18	1033.20	1033.20	1033.19	1033.22	1033.21	1033.18	1033.14	1033.10	1033.12	1033.14	1033.17
	10	1033.11	1033.09	1033.08	1033.04	1032.94	1032.85	1032.81	1032.79	1032.72	1032.68	1032.66	1032.57	1032.86
	11	1032.52	1032.49	1032.44	1032.38	1032.31	1032.24	1032.18	1032.12	1032.05	1031.99	1031.96	1031.92	1032.21
	12	1031.84	1031.77	1031.74	1031.73	1031.71	1031.69	1031.66	1031.61	1031.55	1031.48	1031.43	1031.39	1031.63
	13	1031.36	1031.33	1031.32	1031.33	1031.31	1031.29	1031.26	1031.20	1031.15	1031.15	1031.14	1031.11	1031.24
	14	1031.08	1031.05	1031.03	1031.01	1030.99	1030.97	1030.97	1030.94	1030.90	1030.91	1030.96	1030.97	1030.98
	15	1030.96	1030.98	1031.03	1031.07	1031.08	1031.08	1031.09	1031.13	1031.19	1031.20	1031.22	1031.29	1031.11
	16	1031.36	1031.35	1031.30	1031.30	1031.32	1031.35	1031.37	1031.43	1031.49	1031.54	1031.62	1031.67	1031.42
	17	1031.69	1031.69	1031.71	1031.76	1031.77	1031.78	1031.79	1031.79	1031.79	1031.82	1031.82	1031.82	1031.77
	18	1031.83	1031.85	1031.89	1031.96	1032.02	1032.00	1031.98	1031.99	1031.99	1031.97	1031.97	1031.98	1031.95
	19	1032.00	1032.01	1031.99	1031.99	1032.03	1032.07	1032.08	1032.09	1032.13	1032.13	1032.10	1032.09	1032.06
	20	1032.09	1032.10	1032.17	1032.23	1032.25	1032.25	1032.26	1032.28	1032.29	1032.29	1032.31	1032.31	1032.23
	21	1032.28	1032.33	1032.33	1032.27	1032.30	1032.28	1032.25	1032.23	1032.21	1032.19	1032.16	1032.14	1032.24
	22	1032.18	1032.22	1032.21	1032.20	1032.17	1032.12	1032.06	1032.07	1032.03	1031.96	1031.95	1031.91	1032.09
	23	1031.89	1031.93	1031.90	1031.86	1031.88	1031.84	1031.80	1031.78	1031.74	1031.74	1031.73	1031.68	1031.81

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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
17	0	1031.72	1031.69	1031.68	1031.69	1031.69	1031.72	1031.73	1031.69	1031.62	1031.62	1031.64	1031.66	1031.67
	1	1031.65	1031.63	1031.66	1031.68	1031.67	1031.73	1031.77	1031.77	1031.76	1031.74	1031.71	1031.66	1031.70
	2	1031.66	1031.61	1031.58	1031.61	1031.59	1031.56	1031.55	1031.55	1031.54	1031.52	1031.49	1031.48	1031.56
	3	1031.46	1031.41	1031.41	1031.41	1031.37	1031.36	1031.34	1031.30	1031.27	1031.26	1031.22	1031.19	1031.33
	4	1031.22	1031.22	1031.23	1031.27	1031.24	1031.21	1031.29	1031.34	1031.36	1031.38	1031.40	1031.42	1031.30
	5	1031.39	1031.35	1031.33	1031.32	1031.28	1031.29	1031.30	1031.31	1031.33	1031.28	1031.29	1031.33	1031.31
	6	1031.34	1031.39	1031.41	1031.40	1031.41	1031.44	1031.43	1031.42	1031.42	1031.43	1031.43	1031.42	1031.41
	7	1031.44	1031.47	1031.43	1031.42	1031.44	1031.45	1031.46	1031.43	1031.40	1031.41	1031.45	1031.47	1031.44
	8	1031.50	1031.54	1031.53	1031.52	1031.54	1031.56	1031.59	1031.56	1031.52	1031.55	1031.57	1031.60	1031.55
	9	1031.66	1031.67	1031.69	1031.75	1031.76	1031.80	1031.80	1031.74	1031.67	1031.61	1031.59	1031.55	1031.69
	10	1031.52	1031.50	1031.42	1031.36	1031.30	1031.23	1031.15	1031.05	1030.95	1030.85	1030.77	1030.71	1031.15
	11	1030.65	1030.58	1030.49	1030.38	1030.31	1030.24	1030.13	1030.05	1030.00	1029.96	1029.88	1029.80	1030.20
	12	1029.73	1029.65	1029.55	1029.50	1029.46	1029.40	1029.35	1029.30	1029.25	1029.20	1029.13	1029.07	1029.38
	13	1029.03	1028.99	1028.96	1028.91	1028.82	1028.74	1028.71	1028.71	1028.69	1028.66	1028.65	1028.64	1028.79
	14	1028.60	1028.60	1028.60	1028.58	1028.56	1028.55	1028.59	1028.63	1028.62	1028.60	1028.59	1028.57	1028.59
	15	1028.61	1028.62	1028.57	1028.56	1028.58	1028.59	1028.58	1028.59	1028.62	1028.65	1028.67	1028.68	1028.61
	16	1028.66	1028.69	1028.73	1028.76	1028.77	1028.74	1028.75	1028.74	1028.75	1028.80	1028.81	1028.79	1028.75
	17	1028.76	1028.76	1028.77	1028.79	1028.83	1028.84	1028.81	1028.77	1028.74	1028.72	1028.71	1028.72	1028.77
	18	1028.74	1028.80	1028.88	1028.93	1028.93	1028.90	1028.87	1028.85	1028.83	1028.80	1028.78	1028.78	1028.84
	19	1028.81	1028.80	1028.77	1028.76	1028.78	1028.81	1028.84	1028.87	1028.88	1028.83	1028.83	1028.86	1028.82
	20	1028.88	1028.86	1028.85	1028.85	1028.81	1028.79	1028.79	1028.79	1028.78	1028.75	1028.73	1028.72	1028.80
	21	1028.72	1028.70	1028.68	1028.67	1028.69	1028.76	1028.86	1028.92	1028.94	1028.94	1028.94	1028.94	1028.81
	22	1028.95	1028.97	1028.98	1028.97	1028.95	1028.95	1028.94	1028.92	1028.92	1028.91	1028.88	1028.85	1028.93
	23	1028.78	1028.73	1028.71	1028.66	1028.60	1028.55	1028.49	1028.44	1028.39	1028.35	1028.34	1028.35	1028.53
18	0	1028.35	1028.34	1028.30	1028.27	1028.25	1028.22	1028.21	1028.22	1028.22	1028.21	1028.21	1028.21	1028.24
	1	1028.19	1028.19	1028.21	1028.23	1028.23	1028.21	1028.18	1028.16	1028.13	1028.10	1028.09	1028.07	1028.16
	2	1028.03	1027.99	1027.96	1027.95	1027.92	1027.87	1027.82	1027.76	1027.70	1027.67	1027.63	1027.59	1027.82
	3	1027.57	1027.55	1027.50	1027.45	1027.41	1027.39	1027.37	1027.39	1027.38	1027.35	1027.33	1027.30	1027.41
	4	1027.31	1027.30	1027.28	1027.26	1027.22	1027.18	1027.16	1027.16	1027.10	1027.03	1027.00	1026.96	1027.16
	5	1026.95	1026.93	1026.93	1026.99	1027.02	1027.02	1027.03	1027.06	1027.09	1027.11	1027.14	1027.17	1027.03
	6	1027.17	1027.17	1027.17	1027.15	1027.16	1027.14	1027.15	1027.19	1027.22	1027.25	1027.24	1027.25	1027.18
	7	1027.31	1027.39	1027.44	1027.46	1027.49	1027.54	1027.54	1027.47	1027.44	1027.40	1027.35	1027.36	1027.43
	8	1027.35	1027.33	1027.33	1027.30	1027.30	1027.31	1027.25	1027.27	1027.32	1027.34	1027.36	1027.37	1027.32
	9	1027.41	1027.48	1027.46	1027.44	1027.42	1027.42	1027.42	1027.38	1027.32	1027.22	1027.17	1027.11	1027.35
	10	1027.02	1026.95	1026.85	1026.77	1026.71	1026.64	1026.57	1026.49	1026.41	1026.34	1026.25	1026.15	1026.59
	11	1026.06	1025.98	1025.94	1025.87	1025.78	1025.70	1025.63	1025.58	1025.51	1025.44	1025.38	1025.31	1025.68
	12	1025.22	1025.15	1025.08	1025.03	1024.98	1024.92	1024.85	1024.81	1024.77	1024.72	1024.69	1024.66	1024.90
	13	1024.62	1024.59	1024.55	1024.54	1024.51	1024.47	1024.46	1024.46	1024.47	1024.45	1024.45	1024.43	1024.50
	14	1024.44	1024.48	1024.49	1024.49	1024.47	1024.45	1024.47	1024.50	1024.50	1024.50	1024.47	1024.45	1024.47
	15	1024.43	1024.41	1024.40	1024.41	1024.42	1024.38	1024.35	1024.36	1024.35	1024.32	1024.29	1024.32	1024.37
	16	1024.34	1024.36	1024.40	1024.43	1024.44	1024.44	1024.44	1024.45	1024.45	1024.44	1024.45	1024.48	1024.43
	17	1024.49	1024.48	1024.47	1024.45	1024.44	1024.44	1024.46	1024.48	1024.50	1024.50	1024.49	1024.50	1024.47
	18	1024.54	1024.59	1024.60	1024.61	1024.66	1024.69	1024.67	1024.68	1024.74	1024.77	1024.72	1024.68	1024.66
	19	1024.70	1024.70	1024.65	1024.62	1024.63	1024.62	1024.61	1024.59	1024.57	1024.57	1024.57	1024.55	1024.61
	20	1024.53	1024.53	1024.56	1024.58	1024.57	1024.60	1024.61	1024.60	1024.64	1024.70	1024.75	1024.78	1024.62
	21	1024.79	1024.80	1024.81	1024.78	1024.72	1024.69	1024.71	1024.73	1024.72	1024.72	1024.74	1024.75	1024.74
	22	1024.79	1024.82	1024.81	1024.80	1024.80	1024.80	1024.80	1024.77	1024.72	1024.69	1024.66	1024.64	1024.76
	23	1024.65	1024.63	1024.59	1024.59	1024.59	1024.57	1024.54	1024.54	1024.56	1024.55	1024.53	1024.52	1024.57

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
19	0	1024.49	1024.49	1024.51	1024.55	1024.58	1024.61	1024.62	1024.60	1024.59	1024.59	1024.59	1024.55	1024.56
	1	1024.55	1024.56	1024.56	1024.55	1024.56	1024.58	1024.58	1024.60	1024.61	1024.67	1024.74	1024.74	1024.61
	2	1024.70	1024.67	1024.67	1024.61	1024.55	1024.51	1024.46	1024.39	1024.27	1024.16	1024.16	1024.15	1024.44
	3	1024.13	1024.13	1024.08	1024.04	1024.09	1024.12	1024.08	1024.04	1024.04	1024.09	1024.14	1024.12	1024.09
	4	1024.11	1024.13	1024.10	1024.04	1024.03	1024.00	1023.95	1023.94	1023.93	1023.91	1023.93	1023.97	1024.00
	5	1023.98	1023.98	1023.97	1023.94	1023.93	1023.90	1023.85	1023.81	1023.82	1023.84	1023.86	1023.90	1023.90
	6	1023.95	1023.98	1023.95	1023.98	1024.02	1024.02	1023.95	1023.93	1023.96	1023.94	1023.91	1023.93	1023.96
	7	1024.00	1024.06	1024.12	1024.13	1024.13	1024.16	1024.21	1024.22	1024.22	1024.24	1024.25	1024.24	1024.16
	8	1024.22	1024.23	1024.23	1024.20	1024.18	1024.19	1024.22	1024.24	1024.26	1024.28	1024.29	1024.31	1024.24
	9	1024.35	1024.36	1024.33	1024.32	1024.30	1024.27	1024.26	1024.24	1024.20	1024.18	1024.15	1024.11	1024.25
	10	1024.09	1024.07	1024.02	1023.97	1023.90	1023.80	1023.69	1023.60	1023.56	1023.47	1023.33	1023.24	1023.73
	11	1023.13	1023.00	1022.91	1022.81	1022.70	1022.62	1022.54	1022.45	1022.33	1022.22	1022.09	1021.96	1022.56
	12	1021.87	1021.77	1021.65	1021.55	1021.44	1021.33	1021.25	1021.20	1021.17	1021.13	1021.10	1021.09	1021.38
	13	1021.10	1021.09	1021.12	1021.14	1021.11	1021.11	1021.15	1021.20	1021.24	1021.27	1021.33	1021.37	1021.18
	14	1021.36	1021.34	1021.32	1021.30	1021.29	1021.27	1021.27	1021.27	1021.24	1021.22	1021.20	1021.16	1021.27
	15	1021.12	1021.08	1021.03	1021.00	1020.99	1020.96	1020.91	1020.86	1020.84	1020.80	1020.78	1020.76	1020.93
	16	1020.73	1020.74	1020.73	1020.72	1020.70	1020.69	1020.71	1020.76	1020.81	1020.86	1020.86	1020.85	1020.76
	17	1020.84	1020.85	1020.84	1020.81	1020.81	1020.82	1020.81	1020.80	1020.81	1020.78	1020.75	1020.76	1020.80
	18	1020.76	1020.75	1020.74	1020.73	1020.70	1020.66	1020.63	1020.61	1020.62	1020.63	1020.64	1020.65	1020.68
	19	1020.62	1020.60	1020.62	1020.62	1020.61	1020.65	1020.68	1020.65	1020.58	1020.54	1020.56	1020.57	1020.61
	20	1020.56	1020.55	1020.55	1020.52	1020.47	1020.45	1020.48	1020.56	1020.61	1020.63	1020.62	1020.62	1020.55
	21	1020.63	1020.59	1020.57	1020.59	1020.60	1020.61	1020.62	1020.67	1020.70	1020.70	1020.70	1020.71	1020.64
	22	1020.73	1020.72	1020.71	1020.72	1020.72	1020.73	1020.72	1020.70	1020.69	1020.69	1020.67	1020.62	1020.70
	23	1020.59	1020.58	1020.57	1020.55	1020.51	1020.47	1020.42	1020.36	1020.32	1020.30	1020.29	1020.32	1020.44
20	0	1020.36	1020.38	1020.40	1020.39	1020.37	1020.38	1020.44	1020.48	1020.48	1020.48	1020.46	1020.43	1020.42
	1	1020.43	1020.42	1020.40	1020.43	1020.47	1020.48	1020.51	1020.54	1020.52	1020.51	1020.55	1020.55	1020.48
	2	1020.53	1020.50	1020.52	1020.48	1020.40	1020.36	1020.34	1020.30	1020.27	1020.26	1020.22	1020.21	1020.36
	3	1020.21	1020.24	1020.30	1020.35	1020.38	1020.44	1020.49	1020.55	1020.60	1020.67	1020.70	1020.71	1020.47
	4	1020.78	1020.83	1020.84	1020.88	1020.91	1020.89	1020.91	1020.97	1021.02	1021.01	1021.02	1021.07	1020.93
	5	1021.13	1021.18	1021.23	1021.33	1021.42	1021.53	1021.61	1021.68	1021.77	1021.83	1021.88	1021.93	1021.54
	6	1021.97	1022.03	1022.09	1022.14	1022.17	1022.22	1022.28	1022.33	1022.39	1022.47	1022.53	1022.62	1022.27
	7	1022.69	1022.74	1022.79	1022.89	1023.00	1023.04	1023.09	1023.17	1023.25	1023.33	1023.42	1023.50	1023.07
	8	1023.54	1023.60	1023.67	1023.72	1023.77	1023.82	1023.90	1023.98	1024.07	1024.16	1024.25	1024.33	1023.90
	9	1024.39	1024.46	1024.55	1024.64	1024.72	1024.78	1024.83	1024.84	1024.85	1024.89	1024.92	1024.93	1024.73
	10	1024.97	1025.02	1025.03	1025.06	1025.12	1025.12	1025.10	1025.12	1025.17	1025.16	1025.13	1025.14	1025.09
	11	1025.14	1025.12	1025.13	1025.15	1025.14	1025.15	1025.17	1025.17	1025.17	1025.16	1025.14	1025.12	1025.14
	12	1025.12	1025.15	1025.18	1025.19	1025.20	1025.27	1025.35	1025.41	1025.46	1025.52	1025.60	1025.66	1025.34
	13	1025.74	1025.79	1025.80	1025.83	1025.84	1025.87	1025.91	1025.94	1026.01	1026.07	1026.12	1026.19	1025.92
	14	1026.27	1026.36	1026.45	1026.55	1026.66	1026.74	1026.80	1026.84	1026.88	1026.93	1026.98	1027.03	1026.71
	15	1027.09	1027.17	1027.22	1027.22	1027.20	1027.20	1027.25	1027.30	1027.31	1027.32	1027.37	1027.39	1027.25
	16	1027.39	1027.44	1027.54	1027.62	1027.68	1027.73	1027.77	1027.81	1027.86	1027.89	1027.94	1028.01	1027.72
	17	1028.07	1028.13	1028.21	1028.31	1028.39	1028.47	1028.54	1028.59	1028.63	1028.69	1028.74	1028.79	1028.46
	18	1028.87	1028.94	1028.99	1029.05	1029.13	1029.20	1029.25	1029.31	1029.38	1029.44	1029.50	1029.53	1029.21
	19	1029.60	1029.68	1029.75	1029.85	1029.92	1029.96	1030.00	1030.05	1030.08	1030.10	1030.12	1030.17	1029.94
	20	1030.22	1030.28	1030.35	1030.38	1030.41	1030.44	1030.49	1030.56	1030.62	1030.67	1030.69	1030.74	1030.49
	21	1030.81	1030.86	1030.91	1030.95	1030.94	1030.90	1030.87	1030.86	1030.87	1030.91	1030.96	1031.00	1030.90
	22	1031.04	1031.09	1031.15	1031.22	1031.28	1031.31	1031.34	1031.38	1031.40	1031.37	1031.35	1031.39	1031.27
	23	1031.42	1031.42	1031.42	1031.44	1031.47	1031.50	1031.51	1031.51	1031.50	1031.49	1031.48	1031.46	1031.47

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
21	0	1031.49	1031.51	1031.54	1031.55	1031.56	1031.58	1031.57	1031.50	1031.45	1031.48	1031.50	1031.52	1031.52
	1	1031.56	1031.59	1031.62	1031.69	1031.76	1031.81	1031.88	1031.94	1031.96	1031.97	1031.98	1031.96	1031.81
	2	1031.93	1031.94	1031.96	1031.95	1031.92	1031.89	1031.87	1031.84	1031.81	1031.81	1031.82	1031.83	1031.88
	3	1031.83	1031.84	1031.85	1031.86	1031.88	1031.90	1031.90	1031.88	1031.86	1031.84	1031.81	1031.80	1031.85
	4	1031.81	1031.86	1031.93	1032.00	1032.01	1032.00	1032.00	1032.02	1032.04	1032.07	1032.12	1032.19	1032.00
	5	1032.24	1032.28	1032.32	1032.35	1032.42	1032.51	1032.59	1032.66	1032.72	1032.79	1032.80	1032.78	1032.54
	6	1032.78	1032.81	1032.88	1032.94	1032.97	1032.95	1032.94	1032.96	1033.02	1033.03	1033.03	1033.04	1032.94
	7	1033.05	1033.09	1033.17	1033.22	1033.26	1033.29	1033.33	1033.41	1033.50	1033.57	1033.63	1033.68	1033.35
	8	1033.76	1033.80	1033.82	1033.86	1033.94	1034.00	1033.99	1033.99	1034.07	1034.20	1034.27	1034.31	1034.00
	9	1034.35	1034.41	1034.48	1034.51	1034.47	1034.43	1034.42	1034.44	1034.49	1034.51	1034.44	1034.37	1034.44
	10	1034.31	1034.24	1034.21	1034.18	1034.14	1034.10	1034.05	1033.97	1033.91	1033.86	1033.82	1033.79	1034.05
	11	1033.78	1033.73	1033.66	1033.60	1033.55	1033.50	1033.42	1033.32	1033.23	1033.15	1033.08	1033.03	1033.42
	12	1032.98	1032.95	1032.94	1032.93	1032.92	1032.90	1032.87	1032.81	1032.76	1032.73	1032.70	1032.67	1032.84
	13	1032.63	1032.62	1032.62	1032.61	1032.62	1032.63	1032.61	1032.60	1032.60	1032.60	1032.60	1032.62	1032.61
	14	1032.65	1032.68	1032.71	1032.75	1032.78	1032.81	1032.81	1032.82	1032.85	1032.87	1032.87	1032.83	1032.78
	15	1032.80	1032.78	1032.77	1032.75	1032.75	1032.80	1032.85	1032.88	1032.90	1032.95	1033.00	1033.02	1032.85
	16	1033.05	1033.10	1033.12	1033.13	1033.16	1033.22	1033.28	1033.33	1033.37	1033.41	1033.45	1033.46	1033.26
	17	1033.45	1033.44	1033.45	1033.46	1033.48	1033.50	1033.48	1033.47	1033.46	1033.45	1033.45	1033.47	1033.46
	18	1033.50	1033.48	1033.45	1033.44	1033.45	1033.47	1033.48	1033.49	1033.49	1033.48	1033.48	1033.45	1033.47
	19	1033.43	1033.45	1033.45	1033.42	1033.42	1033.46	1033.46	1033.45	1033.46	1033.46	1033.45	1033.45	1033.44
	20	1033.45	1033.47	1033.51	1033.54	1033.57	1033.59	1033.58	1033.59	1033.62	1033.64	1033.63	1033.65	1033.57
	21	1033.67	1033.67	1033.63	1033.59	1033.58	1033.59	1033.61	1033.63	1033.64	1033.66	1033.70	1033.76	1033.64
	22	1033.78	1033.78	1033.83	1033.85	1033.81	1033.76	1033.73	1033.71	1033.70	1033.70	1033.68	1033.64	1033.74
	23	1033.60	1033.57	1033.56	1033.57	1033.56	1033.56	1033.57	1033.56	1033.55	1033.54	1033.53	1033.50	1033.55
22	0	1033.47	1033.47	1033.46	1033.45	1033.43	1033.43	1033.43	1033.41	1033.39	1033.37	1033.35	1033.34	1033.41
	1	1033.36	1033.38	1033.40	1033.41	1033.41	1033.42	1033.41	1033.39	1033.36	1033.32	1033.30	1033.29	1033.37
	2	1033.25	1033.21	1033.16	1033.12	1033.10	1033.08	1033.05	1033.03	1033.01	1032.97	1032.94	1032.91	1033.07
	3	1032.87	1032.85	1032.84	1032.80	1032.81	1032.83	1032.81	1032.80	1032.79	1032.76	1032.73	1032.71	1032.80
	4	1032.70	1032.67	1032.66	1032.64	1032.62	1032.59	1032.59	1032.61	1032.62	1032.64	1032.65	1032.66	1032.63
	5	1032.70	1032.76	1032.79	1032.81	1032.81	1032.78	1032.74	1032.74	1032.76	1032.78	1032.78	1032.77	1032.77
	6	1032.75	1032.73	1032.75	1032.77	1032.73	1032.73	1032.77	1032.76	1032.74	1032.72	1032.70	1032.68	1032.73
	7	1032.66	1032.66	1032.70	1032.72	1032.69	1032.67	1032.69	1032.72	1032.75	1032.77	1032.79	1032.82	1032.72
	8	1032.86	1032.90	1032.94	1032.95	1032.94	1032.94	1032.98	1033.00	1032.99	1032.98	1032.99	1033.02	1032.96
	9	1033.01	1032.98	1033.01	1033.05	1033.03	1033.03	1033.03	1033.01	1032.99	1032.94	1032.86	1032.78	1032.97
	10	1032.73	1032.67	1032.61	1032.60	1032.57	1032.48	1032.39	1032.35	1032.31	1032.24	1032.14	1032.02	1032.42
	11	1031.92	1031.85	1031.77	1031.68	1031.59	1031.52	1031.46	1031.44	1031.40	1031.31	1031.20	1031.12	1031.52
	12	1031.08	1031.05	1031.01	1030.94	1030.87	1030.80	1030.76	1030.70	1030.64	1030.57	1030.52	1030.45	1030.78
	13	1030.34	1030.23	1030.17	1030.15	1030.12	1030.11	1030.12	1030.13	1030.13	1030.11	1030.09	1030.09	1030.15
	14	1030.11	1030.13	1030.12	1030.10	1030.09	1030.08	1030.05	1030.02	1029.99	1029.98	1029.98	1029.98	1030.05
	15	1029.98	1029.99	1029.98	1029.94	1029.91	1029.88	1029.84	1029.80	1029.78	1029.77	1029.75	1029.73	1029.86
	16	1029.75	1029.77	1029.78	1029.78	1029.80	1029.81	1029.80	1029.77	1029.78	1029.83	1029.85	1029.86	1029.80
	17	1029.89	1029.90	1029.90	1029.89	1029.88	1029.89	1029.90	1029.90	1029.90	1029.86	1029.82	1029.81	1029.88
	18	1029.81	1029.79	1029.77	1029.75	1029.72	1029.70	1029.68	1029.65	1029.63	1029.63	1029.61	1029.56	1029.69
	19	1029.53	1029.50	1029.47	1029.46	1029.46	1029.47	1029.47	1029.47	1029.49	1029.52	1029.53	1029.52	1029.49
	20	1029.50	1029.48	1029.44	1029.40	1029.39	1029.37	1029.36	1029.32	1029.27	1029.26	1029.24	1029.22	1029.35
	21	1029.21	1029.19	1029.16	1029.14	1029.13	1029.11	1029.08	1029.07	1029.06	1029.04	1029.04	1029.03	1029.10
	22	1029.02	1029.01	1029.00	1028.97	1028.91	1028.86	1028.83	1028.82	1028.82	1028.80	1028.79	1028.77	1028.88
	23	1028.74	1028.70	1028.68	1028.66	1028.64	1028.62	1028.60	1028.58	1028.55	1028.51	1028.46	1028.41	1028.59

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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
23	0	1028.29	1028.27	1028.24	1028.18	1028.14	1028.14	1028.15	1028.13	1028.07	1028.03	1028.02	1028.02	1028.13
	1	1028.01	1027.96	1027.91	1027.89	1027.89	1027.88	1027.87	1027.88	1027.84	1027.78	1027.77	1027.76	1027.87
	2	1027.76	1027.78	1027.73	1027.68	1027.67	1027.66	1027.67	1027.66	1027.62	1027.61	1027.61	1027.60	1027.67
	3	1027.57	1027.52	1027.46	1027.37	1027.30	1027.23	1027.17	1027.14	1027.10	1027.07	1027.07	1027.06	1027.25
	4	1027.03	1026.99	1026.96	1026.91	1026.86	1026.84	1026.85	1026.85	1026.86	1026.92	1026.98	1026.99	1026.92
	5	1026.99	1026.99	1027.00	1027.01	1027.03	1027.01	1026.97	1026.95	1026.96	1026.99	1026.99	1026.96	1026.99
	6	1026.94	1026.92	1026.91	1026.88	1026.89	1026.92	1026.93	1026.93	1026.93	1026.94	1026.96	1026.95	1026.92
	7	1026.95	1026.98	1027.01	1027.00	1027.01	1027.03	1027.03	1027.04	1027.07	1027.09	1027.09	1027.06	1027.03
	8	1027.05	1027.06	1027.07	1027.08	1027.10	1027.13	1027.17	1027.20	1027.20	1027.20	1027.21	1027.22	1027.14
	9	1027.20	1027.18	1027.19	1027.19	1027.17	1027.16	1027.15	1027.12	1027.08	1027.06	1027.03	1026.97	1027.12
	10	1026.90	1026.81	1026.71	1026.63	1026.55	1026.48	1026.42	1026.34	1026.28	1026.24	1026.17	1026.10	1026.47
	11	1026.04	1025.96	1025.87	1025.81	1025.76	1025.69	1025.63	1025.56	1025.51	1025.42	1025.32	1025.26	1025.65
	12	1025.21	1025.18	1025.11	1025.01	1024.94	1024.87	1024.80	1024.76	1024.71	1024.65	1024.61	1024.59	1024.87
	13	1024.58	1024.56	1024.50	1024.44	1024.40	1024.34	1024.30	1024.28	1024.25	1024.24	1024.23	1024.21	1024.36
	14	1024.18	1024.16	1024.14	1024.13	1024.11	1024.09	1024.06	1024.04	1024.02	1024.02	1024.02	1024.01	1024.08
	15	1023.99	1024.01	1024.07	1024.09	1024.07	1024.07	1024.06	1024.06	1024.07	1024.08	1024.10	1024.12	1024.06
	16	1024.14	1024.16	1024.19	1024.20	1024.21	1024.19	1024.18	1024.17	1024.16	1024.17	1024.17	1024.16	1024.17
	17	1024.15	1024.13	1024.12	1024.11	1024.14	1024.17	1024.17	1024.19	1024.21	1024.21	1024.19	1024.20	1024.16
	18	1024.23	1024.26	1024.30	1024.32	1024.33	1024.34	1024.33	1024.30	1024.30	1024.31	1024.30	1024.30	1024.30
	19	1024.31	1024.30	1024.30	1024.32	1024.36	1024.38	1024.36	1024.34	1024.34	1024.35	1024.34	1024.34	1024.33
	20	1024.32	1024.29	1024.25	1024.22	1024.20	1024.20	1024.17	1024.12	1024.07	1024.03	1024.00	1024.00	1024.15
	21	1024.01	1024.02	1024.02	1024.03	1024.04	1024.04	1024.05	1024.06	1024.06	1024.06	1024.06	1024.02	1024.04
	22	1023.98	1023.96	1023.94	1023.93	1023.91	1023.91	1023.94	1023.92	1023.86	1023.82	1023.78	1023.76	1023.89
	23	1023.78	1023.78	1023.77	1023.74	1023.67	1023.61	1023.57	1023.51	1023.47	1023.46	1023.41	1023.33	1023.59
24	0	1023.28	1023.26	1023.23	1023.21	1023.20	1023.20	1023.23	1023.25	1023.27	1023.28	1023.27	1023.27	1023.24
	1	1023.28	1023.28	1023.30	1023.32	1023.34	1023.36	1023.38	1023.38	1023.40	1023.42	1023.41	1023.36	1023.35
	2	1023.32	1023.29	1023.25	1023.19	1023.12	1023.03	1022.96	1022.91	1022.90	1022.95	1022.97	1022.96	1023.07
	3	1022.91	1022.83	1022.81	1022.84	1022.85	1022.84	1022.86	1022.87	1022.84	1022.78	1022.74	1022.72	1022.82
	4	1022.73	1022.76	1022.81	1022.82	1022.77	1022.71	1022.69	1022.70	1022.72	1022.75	1022.78	1022.81	1022.75
	5	1022.84	1022.84	1022.82	1022.76	1022.73	1022.76	1022.79	1022.79	1022.79	1022.79	1022.80	1022.82	1022.79
	6	1022.83	1022.83	1022.84	1022.85	1022.83	1022.78	1022.75	1022.72	1022.70	1022.66	1022.63	1022.62	1022.75
	7	1022.60	1022.57	1022.51	1022.45	1022.42	1022.42	1022.42	1022.40	1022.36	1022.32	1022.31	1022.32	1022.42
	8	1022.34	1022.37	1022.38	1022.41	1022.47	1022.49	1022.47	1022.48	1022.52	1022.55	1022.55	1022.54	1022.46
	9	1022.55	1022.59	1022.62	1022.63	1022.59	1022.53	1022.50	1022.49	1022.45	1022.38	1022.34	1022.32	1022.50
	10	1022.28	1022.24	1022.22	1022.23	1022.22	1022.18	1022.13	1022.07	1022.01	1021.96	1021.95	1021.92	1022.12
	11	1021.90	1021.88	1021.84	1021.82	1021.82	1021.79	1021.74	1021.67	1021.61	1021.54	1021.47	1021.39	1021.70
	12	1021.29	1021.25	1021.23	1021.19	1021.13	1021.05	1020.97	1020.86	1020.77	1020.72	1020.69	1020.66	1020.98
	13	1020.62	1020.59	1020.58	1020.55	1020.51	1020.46	1020.41	1020.35	1020.30	1020.25	1020.20	1020.15	1020.41
	14	1020.11	1020.09	1020.11	1020.12	1020.10	1020.06	1020.01	1019.94	1019.87	1019.77	1019.69	1019.69	1019.96
	15	1019.70	1019.70	1019.73	1019.73	1019.72	1019.73	1019.74	1019.75	1019.79	1019.85	1019.91	1019.94	1019.77
	16	1019.94	1019.92	1019.89	1019.83	1019.79	1019.80	1019.85	1019.85	1019.86	1019.91	1019.89	1019.89	1019.87
	17	1019.92	1019.92	1019.92	1019.89	1019.85	1019.84	1019.85	1019.85	1019.82	1019.80	1019.83	1019.84	1019.86
	18	1019.82	1019.79	1019.78	1019.77	1019.76	1019.73	1019.66	1019.59	1019.56	1019.54	1019.54	1019.58	1019.67
	19	1019.64	1019.65	1019.62	1019.57	1019.51	1019.47	1019.46	1019.45	1019.39	1019.34	1019.32	1019.33	1019.48
	20	1019.33	1019.33	1019.35	1019.37	1019.37	1019.32	1019.29	1019.31	1019.34	1019.32	1019.30	1019.31	1019.33
	21	1019.32	1019.33	1019.31	1019.26	1019.25	1019.27	1019.26	1019.30	1019.35	1019.34	1019.30	1019.25	1019.29
	22	1019.19	1019.14	1019.09	1019.02	1018.97	1018.92	1018.82	1018.75	1018.69	1018.61	1018.50	1018.45	1018.84
	23	1018.45	1018.39	1018.31	1018.24	1018.14	1018.06	1017.98	1017.87	1017.80	1017.79	1017.81	1017.80	1018.05

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
25	0	1017.81	1017.83	1017.83	1017.84	1017.82	1017.83	1017.88	1017.88	1017.82	1017.75	1017.73	1017.70	1017.81
	1	1017.66	1017.61	1017.53	1017.44	1017.41	1017.40	1017.36	1017.30	1017.19	1017.05	1016.94	1016.86	1017.31
	2	1016.80	1016.76	1016.71	1016.66	1016.60	1016.55	1016.50	1016.41	1016.32	1016.23	1016.13	1016.01	1016.47
	3	1015.90	1015.84	1015.85	1015.90	1015.93	1015.88	1015.76	1015.64	1015.54	1015.49	1015.46	1015.34	1015.71
	4	1015.24	1015.24	1015.27	1015.21	1015.14	1015.13	1015.10	1015.15	1015.18	1015.22	1015.25	1015.17	1015.19
	5	1015.21	1015.32	1015.30	1015.22	1015.17	1015.18	1015.17	1015.14	1015.14	1015.09	1015.04	1015.01	1015.16
	6	1014.93	1014.85	1014.78	1014.72	1014.71	1014.68	1014.65	1014.74	1014.82	1014.80	1014.82	1014.84	1014.77
	7	1014.81	1014.76	1014.76	1014.82	1014.87	1014.80	1014.68	1014.64	1014.61	1014.60	1014.66	1014.68	1014.72
	8	1014.66	1014.64	1014.65	1014.70	1014.72	1014.68	1014.63	1014.64	1014.62	1014.61	1014.60	1014.56	1014.64
	9	1014.51	1014.48	1014.43	1014.39	1014.37	1014.35	1014.31	1014.21	1014.13	1014.00	1013.86	1013.77	1014.23
	10	1013.65	1013.55	1013.48	1013.37	1013.26	1013.12	1012.94	1012.84	1012.82	1012.80	1012.77	1012.79	1013.11
	11	1012.68	1012.48	1012.43	1012.44	1012.41	1012.39	1012.36	1012.31	1012.22	1012.10	1011.97	1011.87	1012.30
	12	1011.77	1011.66	1011.60	1011.54	1011.46	1011.38	1011.23	1011.12	1011.07	1011.03	1010.94	1010.84	1011.30
	13	1010.78	1010.74	1010.72	1010.80	1010.85	1010.84	1010.84	1010.71	1010.54	1010.51	1010.48	1010.33	1010.68
	14	1010.15	1010.07	1010.02	1009.97	1009.93	1009.85	1009.82	1009.86	1009.90	1009.86	1009.80	1009.71	1009.91
	15	1009.55	1009.42	1009.33	1009.23	1009.26	1009.35	1009.30	1009.24	1009.18	1009.10	1009.02	1008.96	1009.24
	16	1008.95	1008.86	1008.75	1008.63	1008.52	1008.45	1008.42	1008.36	1008.21	1008.09	1008.08	1008.13	1008.45
	17	1008.09	1007.98	1007.88	1007.79	1007.71	1007.68	1007.63	1007.55	1007.50	1007.49	1007.47	1007.43	1007.68
	18	1007.37	1007.32	1007.25	1007.16	1007.02	1006.85	1006.73	1006.74	1006.73	1006.67	1006.61	1006.51	1006.91
	19	1006.49	1006.43	1006.32	1006.23	1006.19	1006.20	1006.19	1006.11	1006.07	1006.10	1006.04	1005.97	1006.19
	20	1005.95	1005.89	1005.82	1005.72	1005.69	1005.75	1005.70	1005.63	1005.62	1005.54	1005.45	1005.37	1005.68
	21	1005.28	1005.17	1005.12	1005.08	1004.95	1004.85	1004.77	1004.65	1004.55	1004.49	1004.40	1004.27	1004.80
	22	1004.14	1003.86	1003.54	1003.36	1003.28	1003.10	1002.84	1002.68	1002.59	1002.38	1002.19	1002.16	1003.01
	23	1002.09	1002.05	1001.96	1001.84	1001.72	1001.63	1001.51	1001.45	1001.51	1001.47	1001.28	1001.03	1001.63
26	0	1000.74	1000.72	1000.81	1000.91	1000.83	1000.71	1000.56	1000.60	1000.73	1000.63	1000.46	1000.23	1000.65
	1	999.98	999.94	999.93	999.87	999.90	999.76	999.46	999.27	999.11	998.91	998.77	998.75	999.47
	2	998.65	998.53	998.31	998.09	998.03	997.88	997.62	997.51	997.54	997.47	997.26	996.94	997.82
	3	996.73	996.66	996.53	996.40	996.25	996.21	996.25	996.17	996.04	995.91	995.86	995.85	996.24
	4	995.84	995.80	995.74	995.64	995.57	995.55	995.55	995.64	995.57	995.41	995.29	995.02	995.55
	5	994.74	994.61	994.62	994.56	994.43	994.36	994.24	994.16	994.03	993.93	993.83	993.71	994.27
	6	993.65	993.58	993.49	993.42	993.42	993.46	993.59	993.70	993.53	993.32	993.26	993.56	993.50
	7	993.98	993.88	993.77	993.80	993.70	993.62	993.54	993.51	993.46	993.42	993.47	993.39	993.63
	8	993.31	993.33	993.34	993.32	993.33	993.32	993.24	993.25	993.28	993.26	993.21	993.28	993.29
	9	993.41	993.54	993.70	993.81	993.79	993.77	993.89	993.96	994.02	994.05	994.03	994.01	993.83
	10	993.93	993.80	993.70	993.80	993.85	993.78	993.79	993.91	993.99	993.97	993.93	993.89	993.86
	11	993.84	993.81	993.78	993.75	993.74	993.68	993.67	993.73	993.71	993.67	993.66	993.68	993.72
	12	993.73	993.79	993.88	993.94	994.02	994.12	994.19	994.20	994.16	994.18	994.25	994.27	994.06
	13	994.34	994.38	994.29	994.24	994.27	994.46	994.54	994.45	994.44	994.44	994.38	994.32	994.38
	14	994.38	994.50	994.70	994.81	994.75	994.70	994.64	994.63	994.67	994.74	994.76	994.74	994.67
	15	994.78	994.82	994.87	994.95	994.98	994.99	994.99	994.99	995.02	995.09	995.16	995.21	994.98
	16	995.25	995.28	995.30	995.34	995.35	995.33	995.33	995.32	995.33	995.36	995.39	995.39	995.33
	17	995.38	995.41	995.47	995.52	995.59	995.66	995.73	995.79	995.85	995.94	996.01	996.02	995.69
	18	996.00	996.00	995.97	995.95	995.98	996.02	996.04	996.02	995.99	995.97	995.92	995.88	995.98
	19	995.88	995.91	995.97	996.01	996.03	996.05	996.08	996.15	996.24	996.31	996.35	996.37	996.11
	20	996.42	996.46	996.49	996.52	996.57	996.63	996.64	996.60	996.53	996.48	996.52	996.62	996.54
	21	996.72	996.76	996.81	996.83	996.82	996.82	996.85	996.88	996.91	996.93	996.93	997.01	996.85
	22	997.16	997.28	997.36	997.39	997.40	997.40	997.40	997.41	997.44	997.48	997.51	997.57	997.40
	23	997.67	997.72	997.70	997.67	997.65	997.63	997.66	997.67	997.65	997.68	997.76	997.83	997.69

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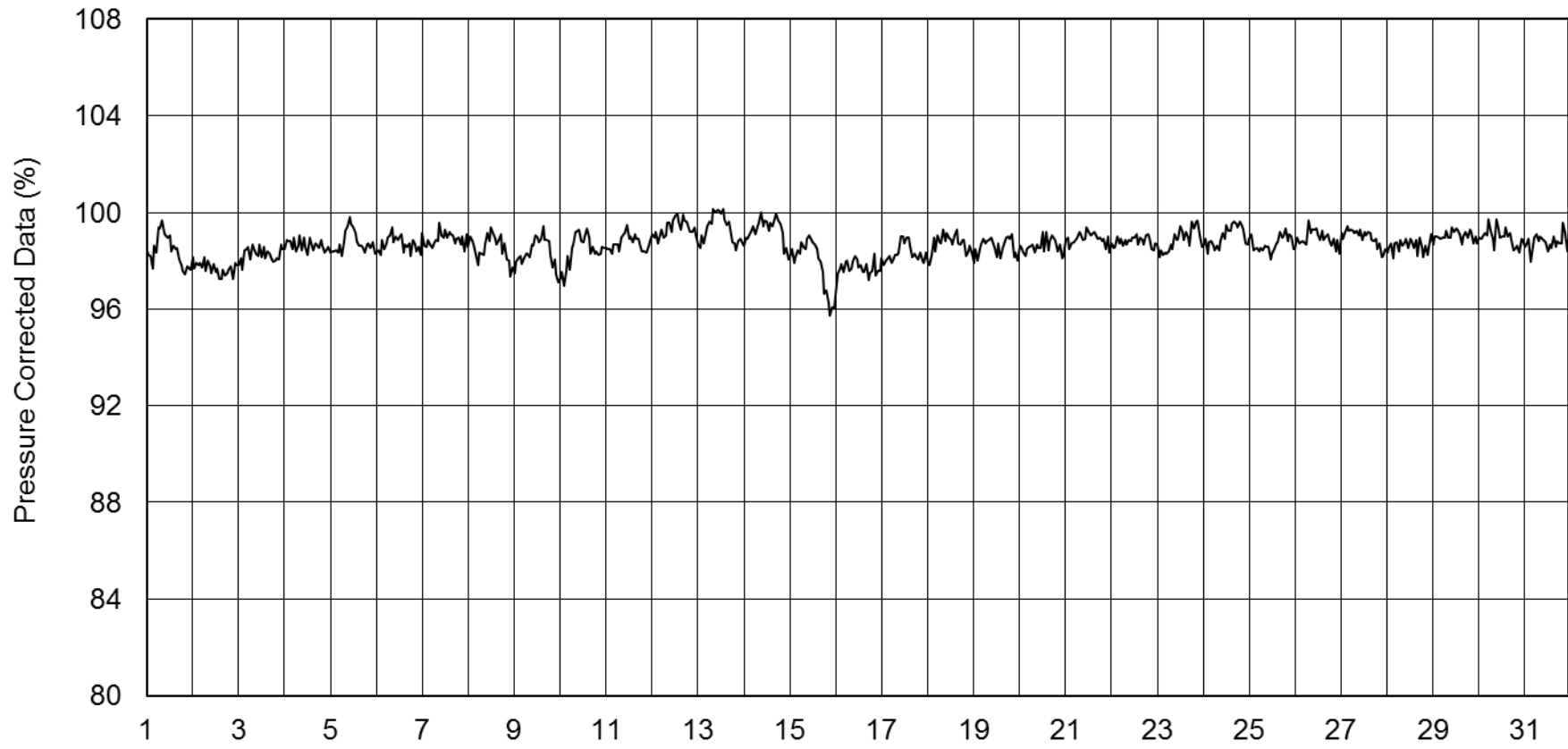
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
27	0	997.98	997.98	998.01	998.10	998.16	998.19	998.26	998.33	998.34	998.38	998.45	998.55	998.24
	1	998.66	998.78	998.85	998.88	998.95	999.02	999.05	999.10	999.20	999.33	999.40	999.45	999.05
	2	999.49	999.51	999.55	999.57	999.57	999.57	999.63	999.67	999.68	999.69	999.70	999.75	999.61
	3	999.82	999.88	999.97	1000.08	1000.16	1000.22	1000.30	1000.35	1000.45	1000.55	1000.65	1000.75	1000.26
	4	1000.83	1000.89	1000.99	1001.11	1001.15	1001.23	1001.34	1001.44	1001.51	1001.58	1001.62	1001.66	1001.28
	5	1001.68	1001.71	1001.81	1001.94	1002.08	1002.19	1002.31	1002.41	1002.47	1002.55	1002.64	1002.69	1002.20
	6	1002.73	1002.81	1002.90	1002.93	1002.93	1002.94	1002.93	1003.01	1003.15	1003.23	1003.36	1003.48	1003.03
	7	1003.59	1003.70	1003.76	1003.88	1004.03	1004.20	1004.35	1004.52	1004.68	1004.76	1004.87	1005.01	1004.28
	8	1005.09	1005.14	1005.20	1005.28	1005.36	1005.46	1005.56	1005.65	1005.74	1005.92	1006.09	1006.11	1005.55
	9	1006.11	1006.18	1006.26	1006.32	1006.38	1006.43	1006.45	1006.45	1006.52	1006.60	1006.62	1006.64	1006.41
	10	1006.68	1006.73	1006.78	1006.79	1006.76	1006.73	1006.74	1006.73	1006.66	1006.57	1006.55	1006.62	1006.69
	11	1006.70	1006.76	1006.82	1006.81	1006.77	1006.72	1006.71	1006.80	1006.87	1006.89	1006.87	1006.83	1006.79
	12	1006.80	1006.80	1006.81	1006.86	1006.93	1006.95	1006.95	1006.91	1006.89	1006.95	1006.99	1006.97	1006.90
	13	1006.97	1007.00	1007.06	1007.13	1007.16	1007.20	1007.25	1007.30	1007.38	1007.41	1007.45	1007.57	1007.24
	14	1007.64	1007.68	1007.77	1007.87	1007.89	1007.86	1007.85	1007.89	1007.96	1008.05	1008.14	1008.18	1007.90
	15	1008.18	1008.22	1008.23	1008.20	1008.23	1008.27	1008.33	1008.41	1008.43	1008.43	1008.46	1008.52	1008.32
	16	1008.58	1008.65	1008.73	1008.79	1008.85	1008.90	1008.92	1008.95	1008.99	1009.03	1009.04	1009.08	1008.87
	17	1009.18	1009.30	1009.39	1009.46	1009.53	1009.57	1009.59	1009.60	1009.64	1009.72	1009.83	1009.95	1009.56
	18	1010.08	1010.19	1010.25	1010.31	1010.40	1010.47	1010.53	1010.56	1010.55	1010.52	1010.46	1010.43	1010.39
	19	1010.47	1010.52	1010.58	1010.62	1010.63	1010.62	1010.63	1010.65	1010.71	1010.76	1010.78	1010.82	1010.65
	20	1010.84	1010.87	1010.94	1011.01	1011.05	1011.10	1011.15	1011.17	1011.18	1011.18	1011.15	1011.14	1011.06
	21	1011.15	1011.23	1011.30	1011.27	1011.25	1011.28	1011.32	1011.37	1011.39	1011.46	1011.55	1011.63	1011.35
	22	1011.72	1011.78	1011.79	1011.81	1011.84	1011.84	1011.87	1011.89	1011.88	1011.88	1011.85	1011.82	1011.83
	23	1011.77	1011.72	1011.73	1011.73	1011.74	1011.76	1011.81	1011.90	1011.96	1011.96	1011.94	1011.91	1011.83
28	0	1011.97	1011.96	1011.95	1011.94	1011.96	1012.06	1012.17	1012.25	1012.33	1012.40	1012.47	1012.49	1012.17
	1	1012.51	1012.55	1012.63	1012.69	1012.73	1012.78	1012.80	1012.83	1012.89	1012.90	1012.91	1012.96	1012.76
	2	1013.02	1013.03	1013.00	1013.02	1013.08	1013.13	1013.16	1013.24	1013.33	1013.35	1013.36	1013.36	1013.17
	3	1013.35	1013.35	1013.34	1013.27	1013.20	1013.16	1013.19	1013.21	1013.24	1013.30	1013.33	1013.43	1013.28
	4	1013.51	1013.51	1013.58	1013.71	1013.77	1013.75	1013.69	1013.67	1013.77	1013.87	1013.89	1013.90	1013.72
	5	1013.97	1014.03	1014.12	1014.21	1014.28	1014.34	1014.32	1014.30	1014.38	1014.45	1014.44	1014.45	1014.27
	6	1014.48	1014.50	1014.55	1014.56	1014.56	1014.58	1014.59	1014.65	1014.73	1014.76	1014.75	1014.79	1014.62
	7	1014.86	1014.90	1014.99	1015.10	1015.08	1015.10	1015.15	1015.13	1015.14	1015.18	1015.26	1015.36	1015.10
	8	1015.44	1015.51	1015.57	1015.58	1015.60	1015.65	1015.73	1015.86	1015.89	1015.87	1015.93	1015.99	1015.72
	9	1016.03	1016.03	1016.06	1016.17	1016.26	1016.26	1016.27	1016.30	1016.29	1016.32	1016.35	1016.35	1016.22
	10	1016.33	1016.33	1016.29	1016.18	1016.05	1015.98	1015.99	1016.01	1015.96	1015.88	1015.81	1015.73	1016.04
	11	1015.69	1015.69	1015.66	1015.61	1015.54	1015.48	1015.43	1015.37	1015.31	1015.29	1015.26	1015.23	1015.46
	12	1015.14	1015.02	1014.94	1014.86	1014.83	1014.84	1014.85	1014.89	1014.94	1014.93	1014.90	1014.88	1014.92
	13	1014.85	1014.81	1014.80	1014.80	1014.78	1014.74	1014.67	1014.65	1014.65	1014.66	1014.67	1014.69	1014.73
	14	1014.70	1014.70	1014.71	1014.76	1014.82	1014.88	1014.91	1014.90	1014.92	1014.95	1014.95	1014.96	1014.84
	15	1014.96	1014.95	1014.98	1015.00	1014.98	1014.98	1015.01	1015.03	1015.05	1015.09	1015.11	1015.14	1015.02
	16	1015.17	1015.22	1015.26	1015.27	1015.28	1015.31	1015.38	1015.42	1015.48	1015.55	1015.59	1015.67	1015.38
	17	1015.73	1015.79	1015.88	1015.94	1015.96	1015.95	1015.95	1015.96	1015.93	1015.93	1015.95	1015.96	1015.91
	18	1015.96	1015.96	1016.00	1016.08	1016.16	1016.17	1016.19	1016.24	1016.24	1016.23	1016.25	1016.24	1016.14
	19	1016.19	1016.17	1016.20	1016.20	1016.21	1016.26	1016.30	1016.31	1016.30	1016.29	1016.29	1016.25	1016.25
	20	1016.21	1016.20	1016.22	1016.29	1016.32	1016.25	1016.20	1016.24	1016.27	1016.30	1016.38	1016.40	1016.27
	21	1016.39	1016.41	1016.43	1016.47	1016.50	1016.50	1016.54	1016.57	1016.57	1016.53	1016.54	1016.58	1016.50
	22	1016.58	1016.56	1016.55	1016.55	1016.56	1016.57	1016.56	1016.56	1016.60	1016.63	1016.63	1016.63	1016.58
	23	1016.62	1016.59	1016.59	1016.57	1016.54	1016.55	1016.55	1016.53	1016.46	1016.39	1016.38	1016.35	1016.51

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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	1016.27	1016.28	1016.34	1016.40	1016.39	1016.36	1016.36	1016.38	1016.39	1016.38	1016.36	1016.33	1016.35
	1	1016.31	1016.31	1016.38	1016.45	1016.47	1016.53	1016.58	1016.60	1016.61	1016.60	1016.60	1016.59	1016.50
	2	1016.59	1016.60	1016.58	1016.54	1016.51	1016.48	1016.45	1016.42	1016.40	1016.36	1016.35	1016.37	1016.47
	3	1016.40	1016.41	1016.39	1016.38	1016.39	1016.39	1016.36	1016.33	1016.31	1016.31	1016.32	1016.33	1016.36
	4	1016.30	1016.27	1016.24	1016.18	1016.13	1016.13	1016.12	1016.09	1016.08	1016.08	1016.08	1016.08	1016.15
	5	1016.11	1016.19	1016.25	1016.24	1016.17	1016.18	1016.28	1016.41	1016.50	1016.56	1016.63	1016.67	1016.35
	6	1016.67	1016.68	1016.74	1016.78	1016.79	1016.79	1016.78	1016.78	1016.84	1016.89	1016.91	1016.93	1016.80
	7	1016.90	1016.83	1016.81	1016.93	1017.02	1017.04	1017.08	1017.11	1017.13	1017.14	1017.15	1017.16	1017.02
	8	1017.20	1017.24	1017.27	1017.29	1017.31	1017.33	1017.34	1017.33	1017.34	1017.40	1017.49	1017.54	1017.34
	9	1017.56	1017.56	1017.55	1017.56	1017.57	1017.56	1017.55	1017.54	1017.51	1017.49	1017.49	1017.43	1017.53
	10	1017.34	1017.29	1017.28	1017.27	1017.26	1017.24	1017.20	1017.15	1017.09	1017.03	1016.96	1016.92	1017.17
	11	1016.91	1016.82	1016.75	1016.71	1016.64	1016.72	1016.84	1016.85	1016.80	1016.76	1016.72	1016.69	1016.77
	12	1016.68	1016.65	1016.64	1016.61	1016.57	1016.52	1016.50	1016.51	1016.47	1016.47	1016.46	1016.40	1016.54
	13	1016.39	1016.39	1016.39	1016.42	1016.45	1016.52	1016.64	1016.73	1016.78	1016.84	1016.90	1016.94	1016.61
	14	1016.96	1016.99	1017.03	1017.08	1017.15	1017.20	1017.23	1017.23	1017.26	1017.29	1017.31	1017.29	1017.17
	15	1017.28	1017.33	1017.38	1017.37	1017.36	1017.36	1017.35	1017.36	1017.39	1017.44	1017.40	1017.37	1017.36
	16	1017.42	1017.45	1017.46	1017.48	1017.52	1017.54	1017.53	1017.52	1017.54	1017.59	1017.62	1017.59	1017.52
	17	1017.55	1017.56	1017.59	1017.60	1017.60	1017.60	1017.63	1017.71	1017.80	1017.81	1017.83	1017.96	1017.68
	18	1018.05	1018.04	1018.00	1018.00	1018.04	1018.06	1018.10	1018.18	1018.30	1018.36	1018.32	1018.33	1018.15
	19	1018.36	1018.40	1018.48	1018.56	1018.62	1018.68	1018.73	1018.79	1018.85	1018.91	1018.96	1019.00	1018.69
	20	1019.04	1019.07	1019.08	1019.08	1019.06	1019.05	1019.05	1019.08	1019.11	1019.14	1019.18	1019.17	1019.09
	21	1019.18	1019.22	1019.23	1019.24	1019.23	1019.20	1019.19	1019.20	1019.21	1019.21	1019.20	1019.13	1019.20
	22	1019.09	1019.10	1019.14	1019.16	1019.12	1019.05	1019.05	1019.10	1019.13	1019.14	1019.15	1019.14	1019.11
	23	1019.13	1019.12	1019.11	1019.11	1019.11	1019.08	1019.03	1018.98	1018.94	1018.90	1018.85	1018.82	1019.01
30	0	1018.85	1018.87	1018.86	1018.83	1018.86	1018.89	1018.89	1018.92	1018.94	1018.91	1018.88	1018.90	1018.88
	1	1018.92	1018.94	1018.97	1018.99	1019.01	1019.01	1019.00	1018.99	1018.96	1018.94	1018.91	1018.87	1018.96
	2	1018.90	1018.95	1018.97	1018.99	1018.99	1018.94	1018.93	1018.94	1018.91	1018.90	1018.89	1018.85	1018.93
	3	1018.80	1018.80	1018.86	1018.88	1018.85	1018.84	1018.89	1018.90	1018.88	1018.84	1018.84	1018.92	1018.86
	4	1018.96	1019.00	1019.06	1019.09	1019.19	1019.28	1019.30	1019.32	1019.32	1019.29	1019.27	1019.29	1019.20
	5	1019.27	1019.23	1019.28	1019.30	1019.31	1019.36	1019.43	1019.58	1019.71	1019.78	1019.85	1019.91	1019.50
	6	1019.94	1019.89	1019.79	1019.73	1019.68	1019.59	1019.52	1019.51	1019.60	1019.69	1019.72	1019.72	1019.70
	7	1019.75	1019.82	1019.84	1019.84	1019.86	1019.83	1019.80	1019.86	1019.96	1020.07	1020.18	1020.23	1019.92
	8	1020.26	1020.28	1020.28	1020.31	1020.32	1020.32	1020.35	1020.37	1020.38	1020.47	1020.58	1020.64	1020.38
	9	1020.70	1020.75	1020.80	1020.83	1020.84	1020.82	1020.82	1020.82	1020.78	1020.77	1020.78	1020.78	1020.79
	10	1020.72	1020.74	1020.83	1020.88	1020.88	1020.82	1020.76	1020.72	1020.67	1020.64	1020.61	1020.56	1020.73
	11	1020.54	1020.55	1020.60	1020.62	1020.62	1020.59	1020.49	1020.41	1020.39	1020.38	1020.34	1020.30	1020.48
	12	1020.29	1020.27	1020.23	1020.20	1020.17	1020.16	1020.16	1020.16	1020.12	1020.07	1020.04	1020.00	1020.15
	13	1019.93	1019.88	1019.86	1019.86	1019.85	1019.84	1019.84	1019.86	1019.86	1019.84	1019.82	1019.80	1019.85
	14	1019.79	1019.77	1019.76	1019.74	1019.68	1019.64	1019.61	1019.57	1019.55	1019.54	1019.53	1019.53	1019.64
	15	1019.49	1019.44	1019.41	1019.40	1019.39	1019.37	1019.34	1019.32	1019.31	1019.27	1019.21	1019.14	1019.34
	16	1019.10	1019.11	1019.09	1019.05	1019.02	1018.98	1018.91	1018.84	1018.80	1018.78	1018.78	1018.81	1018.94
	17	1018.83	1018.82	1018.83	1018.85	1018.84	1018.81	1018.77	1018.73	1018.68	1018.61	1018.55	1018.49	1018.73
	18	1018.47	1018.51	1018.63	1018.70	1018.71	1018.70	1018.66	1018.65	1018.68	1018.74	1018.75	1018.72	1018.66
	19	1018.70	1018.70	1018.73	1018.75	1018.73	1018.73	1018.75	1018.73	1018.72	1018.71	1018.70	1018.68	1018.72
	20	1018.67	1018.69	1018.67	1018.65	1018.65	1018.67	1018.69	1018.70	1018.70	1018.68	1018.69	1018.71	1018.68
	21	1018.71	1018.70	1018.69	1018.69	1018.69	1018.70	1018.72	1018.73	1018.73	1018.73	1018.74	1018.76	1018.71
	22	1018.77	1018.78	1018.81	1018.81	1018.81	1018.78	1018.75	1018.76	1018.77	1018.76	1018.74	1018.69	1018.77
	23	1018.64	1018.60	1018.54	1018.50	1018.46	1018.43	1018.41	1018.42	1018.43	1018.43	1018.42	1018.42	1018.47

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
31	0	1018.42	1018.40	1018.38	1018.37	1018.34	1018.30	1018.30	1018.29	1018.28	1018.29	1018.29	1018.31	1018.32
	1	1018.33	1018.31	1018.32	1018.30	1018.25	1018.22	1018.20	1018.17	1018.14	1018.16	1018.19	1018.19	1018.23
	2	1018.19	1018.16	1018.14	1018.09	1018.02	1017.98	1017.97	1017.96	1017.93	1017.91	1017.89	1017.87	1018.01
	3	1017.87	1017.85	1017.79	1017.76	1017.74	1017.71	1017.68	1017.66	1017.66	1017.66	1017.66	1017.69	1017.72
	4	1017.74	1017.73	1017.69	1017.64	1017.58	1017.54	1017.52	1017.49	1017.48	1017.50	1017.52	1017.54	1017.58
	5	1017.59	1017.63	1017.65	1017.67	1017.68	1017.70	1017.73	1017.75	1017.82	1017.90	1017.94	1017.98	1017.75
	6	1018.02	1018.01	1018.00	1018.02	1018.06	1018.10	1018.10	1018.12	1018.15	1018.15	1018.14	1018.15	1018.08
	7	1018.17	1018.18	1018.21	1018.24	1018.27	1018.28	1018.28	1018.29	1018.35	1018.39	1018.38	1018.40	1018.28
	8	1018.43	1018.48	1018.55	1018.61	1018.63	1018.66	1018.71	1018.78	1018.85	1018.90	1018.97	1019.06	1018.72
	9	1019.14	1019.16	1019.12	1019.07	1019.06	1019.06	1019.07	1019.10	1019.08	1019.04	1019.00	1018.95	1019.07
	10	1018.89	1018.82	1018.75	1018.68	1018.61	1018.54	1018.46	1018.36	1018.29	1018.22	1018.18	1018.16	1018.49
	11	1018.12	1018.07	1018.04	1018.00	1017.93	1017.85	1017.77	1017.69	1017.62	1017.55	1017.48	1017.43	1017.79
	12	1017.40	1017.36	1017.36	1017.33	1017.27	1017.24	1017.23	1017.20	1017.18	1017.16	1017.10	1017.03	1017.24
	13	1016.99	1016.96	1016.97	1016.98	1016.96	1016.93	1016.91	1016.90	1016.89	1016.87	1016.87	1016.89	1016.92
	14	1016.91	1016.91	1016.88	1016.87	1016.90	1016.95	1016.97	1016.97	1016.94	1016.94	1016.96	1016.94	1016.93
	15	1016.93	1016.93	1016.91	1016.87	1016.85	1016.85	1016.87	1016.91	1016.90	1016.87	1016.87	1016.90	1016.89
	16	1016.95	1017.02	1017.09	1017.13	1017.15	1017.13	1017.14	1017.18	1017.20	1017.18	1017.16	1017.14	1017.12
	17	1017.17	1017.19	1017.17	1017.17	1017.19	1017.20	1017.17	1017.14	1017.14	1017.16	1017.21	1017.21	1017.17
	18	1017.19	1017.20	1017.21	1017.20	1017.20	1017.22	1017.25	1017.28	1017.34	1017.37	1017.41	1017.48	1017.28
	19	1017.52	1017.53	1017.54	1017.57	1017.60	1017.63	1017.69	1017.76	1017.81	1017.84	1017.85	1017.86	1017.68
	20	1017.88	1017.91	1017.90	1017.87	1017.88	1017.91	1017.91	1017.92	1017.96	1018.00	1018.04	1018.04	1017.93
	21	1018.01	1017.99	1017.99	1017.99	1017.97	1017.94	1017.91	1017.89	1017.88	1017.90	1017.94	1017.96	1017.94
	22	1017.95	1017.96	1017.98	1017.97	1017.95	1017.92	1017.90	1017.89	1017.85	1017.79	1017.74	1017.70	1017.88
	23	1017.65	1017.64	1017.65	1017.64	1017.65	1017.65	1017.62	1017.59	1017.59	1017.63	1017.67	1017.68	1017.64



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