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**SVIRCO Prompt Report: January 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: January 2013**

**Fabrizio Signoretti and Francesco Re**

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

### **Abstract**

*The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in January 2013 by the Neutron Monitor of SVIRCO-Rome (present geographic position:  $41.86^{\circ}$  N -  $12.47^{\circ}$  E; altitude about s.l. ), is reported in prompt form together with the barometric pressure data.*



## SVIRCO OBSERVATORY

During the 1<sup>st</sup> 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 BF<sub>3</sub> proportional counters (BP-28 type) is equipped with a smart amplifier/discriminator circuit complete with a spectrum stabilizer. This new electronic unit, developed in our laboratory, holds firmly the pulse height spectrum of the amplifier output (within a range of more than 150 volts around the operating voltage), providing the counter with a great immunity against high voltage variations.

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

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

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

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

## DATA PRESENTATION

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

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

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

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

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

## CONDITIONS FOR SVIRCO DATA USE

You are welcome to use neutron monitor data of SVIRCO, IAPS/INAF-UNIRomaTre collaboration, under the following conditions:

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

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

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

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

[stefano.massetti@ifs-roma.inaf.it](mailto:stefano.massetti@ifs-roma.inaf.it)

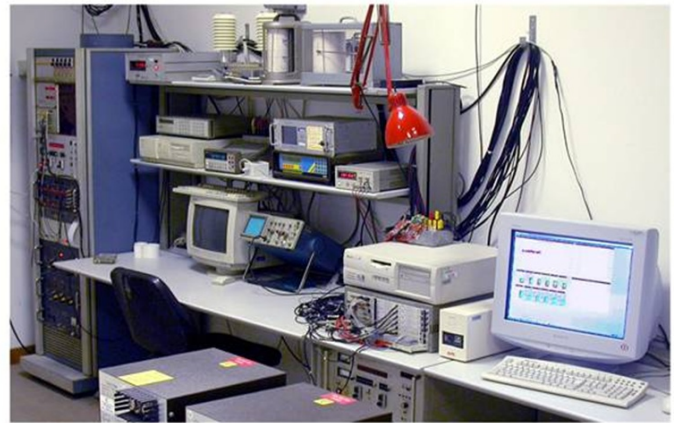




# S.V.I.R.CO. Observatory

Rome

Italy







INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - January 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	45973	45493	46193	45154	46319	45633	45992	45656	45905	45613	46000	46131	99.678
	1	46260	45841	45967	46012	45981	46193	46315	45755	45674	45850	45661	46235	99.984
	2	45995	45985	45462	46206	46313	45805	46013	46217	46200	46176	45687	45755	99.997
	3	46130	46423	45898	45813	45826	45845	45557	45199	45623	46265	45627	46201	99.742
	4	46398	46090	45611	46311	45818	45556	45784	45796	46290	45980	46329	46191	100.058
	5	45457	46678	45757	45978	46080	46414	45251	46309	45865	45860	46463	46812	100.197
	6	46060	45540	46376	45457	45991	45577	45788	45100	46097	46113	45784	46092	99.663
	7	45855	46167	46285	46362	46249	45451	45617	46782	46110	45590	45961	46042	100.116
	8	46419	46178	46163	46155	46161	46344	45995	45872	45618	45935	46314	46234	100.282
	9	45949	46312	46014	46780	45941	46123	46507	46334	45857	46004	45757	46299	100.370
	10	45883	46095	45949	46532	46488	46067	46188	45765	46300	45982	46059	46664	100.388
	11	47018	46256	46632	46587	46247	45760	46687	46087	45734	46308	46688	45736	100.708
	12	46142	46023	46065	45731	46058	46611	46237	45937	46234	46137	46811	46738	100.524
	13	46752	46463	46494	45722	45825	46630	45823	46163	45809	46244	46085	45858	100.369
	14	46122	46561	46174	47233	45475	45464	46400	46397	46247	46217	46593	46006	100.554
	15	46672	45259	46315	45491	46120	46695	46415	46291	45684	45907	45476	45878	100.067
	16	45849	45476	45461	45593	46069	46364	45826	46106	46270	45697	45876	46251	99.820
	17	45745	45851	45794	46230	46050	46534	45818	46663	45545	46100	46267	46198	100.174
	18	45702	46064	45990	45627	45987	46222	45986	45973	46509	45390	45637	46085	99.880
	19	45624	45613	46715	45894	46176	46115	45707	45700	46142	45864	45667	46336	99.950
	20	45480	45784	46416	45039	46078	45255	46264	46039	45832	45583	45952	45908	99.601
	21	45715	45644	46014	45757	46124	45482	46292	45991	46015	45420	45926	45764	99.694
	22	45648	46086	46111	45674	45702	45780	46244	45206	46168	45432	45913	45679	99.603
	23	45391	46242	46416	46198	45543	46099	45894	45124	45196	45739	45757	45626	99.528
2	0	45848	45553	45868	45058	45347	45785	45771	45591	45449	46024	45714	46011	99.305
	1	46090	46114	45692	46101	45753	45622	46121	44796	45864	45918	46154	45527	99.623
	2	45964	45756	46122	45770	46196	45195	46910	46115	45703	46184	45465	45752	99.873
	3	46538	45672	46011	45974	45806	45959	45982	46229	45964	45290	45693	45645	99.806
	4	46196	45882	46027	46213	45931	45370	45994	46121	45637	45556	45855	45928	99.796
	5	46604	46384	46383	46026	46065	45957	45891	46138	45878	45972	46249	45796	100.274
	6	46397	46292	46085	45714	45964	46039	46214	45661	46001	46312	46160	46520	100.277
	7	46253	46342	46321	46202	46587	45803	45814	46579	45914	45720	45679	46468	100.335
	8	45608	46176	46256	45546	45621	46282	46037	46062	46415	45605	46201	46238	100.038
	9	46450	45855	45444	46192	45793	45924	45660	46651	45959	45547	46242	46640	100.095
	10	46017	45590	46264	46531	46697	45801	46276	45806	46413	46219	46059	46078	100.347
	11	46063	46150	45849	45806	45942	45578	45651	45848	45836	46460	46033	46458	99.971
	12	45739	46300	46107	45594	45565	46392	46343	46202	46680	45713	46018	46553	100.249
	13	46370	46098	46152	46957	45708	46212	45451	45494	45986	46021	45907	45546	100.013
	14	46045	46498	45419	45677	46256	45731	46453	46477	45251	46221	46002	46176	100.067
	15	46528	46013	45771	46066	46198	45861	45287	45969	46262	45271	45443	45736	99.742
	16	46199	46634	46039	45808	45836	45874	45723	45790	45848	45400	45777	46050	99.846
	17	46373	45488	46201	45865	45998	45637	46128	45603	45801	46292	46100	45588	99.863
	18	46311	45554	45322	46024	45767	45809	45975	45935	46246	46174	45841	45653	99.779
	19	45927	46327	45426	45920	46195	46448	45947	45452	45607	45869	46311	46165	99.957
	20	45980	45911	45815	45639	45655	46005	46136	45647	46004	46771	46018	45988	99.952
	21	46289	46233	45921	45792	45657	45871	46377	45964	45853	45747	46382	45596	99.973
	22	45936	45835	46436	46036	45642	46326	46259	46524	45624	45917	45910	45987	100.109
	23	46201	46193	45802	46501	45843	45788	46127	46149	45442	45805	46333	46246	100.108

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – January 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	46324	45945	46689	46473	45780	45836	46385	46174	45926	46022	46017	46243	100.372
	1	46110	46173	45660	45722	46122	46167	46057	45918	46899	45781	45998	45869	100.116
	2	45738	45983	45585	46075	45570	45773	45928	45625	45884	46163	46322	46720	99.915
	3	46322	44892	45542	46108	45647	45848	45744	45728	45908	45963	46128	45828	99.606
	4	45859	45946	45975	45853	46732	45689	45939	46122	45810	45891	46265	45804	100.010
	5	45880	46251	46219	45243	46349	45940	45910	45962	45726	46201	46178	46227	100.046
	6	46313	46176	45805	45397	46623	45686	45648	46888	46266	46042	46041	46554	100.291
	7	46643	46030	46692	46607	45767	45591	45386	46396	45436	46438	45789	46562	100.273
	8	46346	45612	45725	46149	46268	46396	45102	46343	46424	46254	45944	45450	100.033
	9	45363	45500	46463	46112	45783	45945	46022	46125	45815	46270	46197	46796	100.101
	10	45746	45222	46325	45806	46663	46670	45309	45863	46419	45717	45677	45959	99.917
	11	46250	46269	45893	46241	45235	46323	45909	45963	45560	46246	46266	46703	100.186
	12	45797	45842	46461	45924	45265	46756	45897	46462	46117	45861	45148	45626	99.877
	13	46181	45826	46167	45926	46319	45974	45858	46203	45848	45787	45909	46312	100.086
	14	45500	46222	45696	45473	46036	45813	45756	46474	46103	45871	46447	45648	99.856
	15	46400	45764	45749	46022	45903	45688	46183	45869	46045	46333	46553	45798	100.086
	16	46315	45972	45676	46043	46056	45822	45769	46036	46300	46180	45691	45722	99.955
	17	45708	45932	45917	45381	45358	46154	46138	46116	45725	46084	46048	46261	99.817
	18	46164	45849	45775	45230	46235	45781	45926	45832	46044	46048	45693	45399	99.664
	19	45886	45917	45752	45864	46234	45917	45729	46257	46077	46485	45918	45809	100.002
	20	45740	46123	45703	46373	45721	45467	45929	45552	45836	46530	45495	44951	99.562
	21	46150	45545	45876	46322	45203	45638	46265	46137	45669	44813	45541	45798	99.479
	22	45719	46577	45813	46268	45791	45955	45843	46062	45824	45755	45676	45944	99.890
	23	45841	45442	45359	45828	45336	46186	45953	45673	45696	46986	45956	45880	99.693
4	0	45837	44997	45483	45225	45342	45228	46132	46157	46949	45215	45935	45376	99.282
	1	46239	45933	45946	45936	45900	45976	46110	45614	45814	45211	46222	46073	99.845
	2	46380	46126	45057	46691	45430	45666	45720	46342	46008	45660	45897	45970	99.839
	3	45390	45818	45843	45599	46084	46114	46069	46107	46066	45605	45827	45539	99.679
	4	46327	45485	46560	45639	45903	45215	46076	46188	45728	45516	45991	46441	99.862
	5	45404	45723	45156	45562	45416	45421	45973	45793	45983	45588	45660	45917	99.232
	6	46106	45707	45967	45913	45741	45919	45913	46636	46228	45867	45214	46175	99.919
	7	46646	46531	45786	45988	45719	45999	45921	46016	45925	46324	45749	45855	100.113
	8	45864	45853	45668	46248	46140	45662	45932	45885	45754	45941	45776	46029	99.804
	9	46401	45738	45907	45949	46334	46170	45767	44943	46006	46064	45904	45181	99.734
	10	45870	46028	46118	45666	45704	45785	46281	46080	46236	45781	46311	45674	99.946
	11	45780	45444	45924	46282	46187	46263	45219	46312	45328	46355	45340	45888	99.726
	12	46485	46172	45649	45919	45941	45749	45457	45685	45716	45288	45989	46458	99.760
	13	46130	46438	45946	45846	45807	46276	46027	46466	46147	46040	45853	45869	100.183
	14	45935	45350	46275	45665	46212	46144	45532	45913	45965	45806	45853	45629	99.718
	15	45085	45260	45396	45514	45938	45993	45663	45412	46044	45740	45822	45866	99.258
	16	46094	45314	45741	45826	45378	45719	46052	45812	46193	46225	46267	45660	99.718
	17	45959	45888	46218	45690	45694	46235	45691	45899	45607	45814	45717	45606	99.671
	18	45500	45646	45361	45946	46326	45696	46164	45479	45782	45895	45906	45850	99.586
	19	45719	46481	45144	46117	45291	45734	45647	46744	45499	46354	45747	45903	99.737
	20	45384	46565	46056	45785	45482	45717	45992	45982	45522	45725	45998	45483	99.611
	21	45297	45647	45499	46332	46096	45471	46089	45828	45562	46235	46227	45679	99.661
	22	45778	45701	45680	45267	45636	45399	45758	45694	45958	45605	45768	46226	99.391
	23	46046	46113	45619	45937	46522	45978	46121	45499	45622	45981	45814	45632	99.828

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - January 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	45594	45674	46587	46356	46100	45818	45673	45640	46282	46013	46548	46021	100.080
	1	46203	46565	46080	46567	45199	45902	45624	45745	46307	45465	46029	45594	99.899
	2	46230	45810	45922	46062	45522	45673	45788	46230	45769	45936	45429	47106	99.936
	3	45449	46726	45875	45229	46321	45361	45681	46020	45797	46367	45632	46259	99.798
	4	45647	46006	46222	46080	46309	45622	45534	46235	46115	45675	45555	46444	99.930
	5	45687	45803	45744	45743	46092	45870	45912	46270	45972	46552	46157	45709	99.942
	6	46062	46326	45953	45664	46078	46270	45160	45712	45667	46340	46474	45688	99.920
	7	46229	45803	45616	45524	45516	45650	46411	46133	45333	45982	45624	46163	99.665
	8	46022	46325	45381	46390	45895	46919	46318	45836	46026	45701	46057	45741	100.141
	9	46031	45811	45763	46416	46257	46353	45946	46451	45981	46444	46081	46527	100.404
	10	46048	45971	46097	45888	46139	45573	46626	45702	46745	45933	45829	45729	100.081
	11	45993	46361	45883	46106	46713	45621	46520	46239	46612	46125	45851	46422	100.474
	12	46396	45969	45910	46137	46158	46382	46122	46154	46360	45977	45983	46211	100.349
	13	45875	45875	46313	45940	45925	47301	45944	45877	46110	46035	45762	46070	100.217
	14	45458	45794	45762	45990	46777	46526	45717	46134	45776	45374	45687	45341	99.729
	15	45913	46139	45411	45880	46244	46054	45788	45335	45522	45836	46094	46048	99.716
	16	46238	46147	46423	46498	46250	46717	46091	45844	46571	45900	45613	45697	100.391
	17	45561	45530	45584	45840	46386	45651	46373	45822	45943	45624	45586	46098	99.667
	18	45683	45696	46548	45712	45638	45379	45652	46052	46237	46125	45941	45766	99.746
	19	45497	46268	45419	45924	45774	45732	46144	45591	46764	45935	45908	45797	99.804
	20	46440	46128	45893	45040	46237	46145	46816	46520	46724	46224	46472	45925	100.494
	21	45898	45882	46149	45381	46362	46760	46424	45781	45689	45695	45352	46277	99.967
	22	45078	46321	46118	46213	45349	45699	46409	45447	45528	45892	45959	45721	99.620
	23	45578	46424	46364	46131	45912	45719	46251	46012	46105	45868	46429	46506	100.266
6	0	45979	45465	46301	46227	46360	46277	45436	46512	46715	45970	45799	46415	100.297
	1	46215	45965	46348	46888	46276	45573	45530	46199	45728	46086	46274	46097	100.244
	2	46767	46645	46059	46070	46019	45658	46211	46191	46049	46529	46565	47034	100.718
	3	46134	46087	45697	46611	46112	46089	45673	45881	45520	45862	45672	45438	99.809
	4	45796	45231	46049	46233	45805	46059	46421	46159	46263	46515	46182	46524	100.254
	5	46178	46789	46611	46153	46197	46174	46649	46293	46712	46710	45652	45629	100.710
	6	46800	46338	45271	46513	46804	46284	46022	46160	46021	45967	46011	45983	100.425
	7	46488	46184	46201	45572	46186	46433	46394	46510	45758	46076	46279	46280	100.458
	8	46340	46572	45566	46808	46340	46636	45873	46087	45883	46473	46240	45830	100.510
	9	46291	46197	45918	45767	46209	46458	45813	46085	46105	45878	46404	46549	100.334
	10	46308	46544	45708	46319	45441	46335	45997	46375	46571	46461	46162	46205	100.470
	11	45977	46127	45966	46209	46510	46584	46776	45821	46440	46658	46132	46638	100.727
	12	46455	45869	46284	45770	46158	46383	46408	46068	45379	46150	45881	46152	100.203
	13	46649	46211	46320	46453	46397	45875	45907	45495	46335	46068	45928	45794	100.289
	14	46700	45714	46260	46163	46062	45794	45931	45835	45854	46271	46366	46281	100.253
	15	46021	46597	45884	45526	46104	46036	46259	46161	45319	45345	45769	45814	99.819
	16	46214	46455	46259	46058	45066	44952	45771	45637	46017	45960	45378	45756	99.582
	17	45848	45597	45720	45732	46598	45556	46210	45883	45886	45229	45951	45700	99.652
	18	46326	45091	45752	46116	45608	45781	45675	45064	45723	45871	45776	45843	99.419
	19	45625	45620	45740	45620	45649	46335	46263	45776	46360	45932	46565	45744	99.891
	20	45895	45358	46476	45551	45685	45616	45960	45842	46111	45789	46032	45982	99.722
	21	46596	45759	46238	46329	46433	45711	45972	45482	45530	46029	45951	45724	99.986
	22	45875	45629	46488	46104	45348	45372	46089	46269	45739	45571	45821	45634	99.657
	23	45758	45760	45441	46206	45874	45495	46467	45055	45831	45760	46101	45591	99.548

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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	45633	45979	45766	45686	45578	45720	46347	45808	45862	44971	45922	45910	99.511
	1	46103	46143	45596	46072	46127	45968	46241	46099	45633	45540	45906	45862	99.902
	2	45948	45418	45662	45639	46058	46183	45607	46100	45710	46216	45681	46033	99.714
	3	46107	46161	45894	45393	46139	46112	46016	46229	45989	46178	46090	46172	100.118
	4	45500	46659	45448	46111	45369	45810	45954	45852	45885	45793	45494	45547	99.563
	5	46162	46277	46408	45328	45606	46144	45370	45482	45883	45859	45598	45693	99.634
	6	45408	45590	45280	45747	45968	46043	45737	45703	45557	46138	45081	46269	99.399
	7	46140	45753	46000	45081	46245	46356	46061	46057	45963	45831	45969	45809	99.897
	8	46154	45630	45701	45773	46458	45714	45253	46239	46201	46967	46054	46099	100.074
	9	45623	45917	46613	45772	46141	46679	46757	46231	45601	46147	45644	45612	100.164
	10	46155	45464	45666	46282	45825	46545	46496	45547	46195	45813	45945	45283	99.888
	11	46411	45952	46620	46087	46414	46074	45725	45954	46390	45793	46141	46701	100.440
	12	46808	46367	45898	46049	46804	46181	45310	46009	45493	46529	45986	45870	100.267
	13	45965	46530	46218	46670	46090	46231	46386	46374	46266	45900	45979	45692	100.447
	14	45909	45823	46151	46076	46324	46289	45992	46221	46405	46008	45602	46389	100.246
	15	45832	46080	45719	45622	46037	46020	46524	46339	46209	46193	46198	45802	100.134
	16	45864	46040	46236	46073	45965	46354	46147	46280	46584	46317	45441	46578	100.371
	17	45295	46011	46080	45709	46308	45996	45618	46134	46586	45903	46038	46181	100.004
	18	46316	46309	45853	46128	46216	46367	45825	45984	46204	45865	46647	46834	100.492
	19	46254	45503	45779	46314	46705	45648	46517	45663	45910	46381	46392	46035	100.230
	20	45843	46418	46347	46046	46923	45629	46272	46344	46110	45801	46572	46388	100.518
	21	46447	45308	46030	46232	46318	46191	46066	45825	46090	46512	45875	46235	100.235
	22	45893	45669	45970	46245	45666	46230	46028	45846	46373	45776	46182	46343	100.070
	23	46451	45067	46358	46267	45737	45767	46102	45753	46061	46133	46306	46011	100.032
8	0	45605	45740	45602	46121	46004	45917	46185	46414	45554	46111	46054	45900	99.887
	1	46280	46157	46449	46738	46572	45810	45953	46054	46204	45652	45771	45280	100.197
	2	45856	45875	45810	45756	46415	45315	45709	45502	45892	46206	46308	45468	99.688
	3	46089	45488	45792	45656	45101	46063	45871	46382	45821	45471	46095	45773	99.596
	4	45498	45248	46622	45819	46322	46270	46442	45781	45399	46354	46254	45856	100.006
	5	45760	45730	46241	45535	45518	45534	45544	46129	45741	45731	45587	46115	99.517
	6	45630	46610	46018	46311	46218	45719	45854	45169	45934	46074	45730	45822	99.865
	7	46240	46164	45927	45902	45569	45968	45910	46649	45962	46371	45798	45709	100.061
	8	46101	45350	45777	45858	45900	46934	45699	46342	45944	45973	46262	45976	100.051
	9	46422	46519	45820	45682	45887	45910	45972	46309	45795	46035	45408	46103	100.005
	10	46003	46381	46263	46097	45845	45785	45375	46150	45742	45507	45316	45869	99.728
	11	45075	46021	45250	46166	45928	46392	46157	45546	46014	45848	45633	45425	99.569
	12	46447	46604	46034	46541	45506	46078	45501	45779	45721	46751	45849	45746	100.131
	13	46155	46279	46011	45590	45769	46046	46270	45843	45583	45157	45670	46740	99.869
	14	45950	45919	45728	46529	45972	46378	46169	45814	46932	45952	45625	45662	100.144
	15	46246	45530	45335	45897	45501	45811	45892	45738	44701	46004	45942	46428	99.491
	16	45775	45753	46484	46015	45426	46206	45940	45998	46380	45658	45735	45127	99.758
	17	45537	46114	45871	45981	46475	45604	46199	45945	46486	45673	46614	45908	100.104
	18	46261	46658	46467	45312	46153	45822	45799	46544	46367	45996	45924	45969	100.261
	19	45686	45443	46077	45622	46209	45799	46545	46068	46320	45639	45870	46064	99.911
	20	45795	46126	46248	46019	45698	46139	46101	45867	46586	46386	46434	46024	100.288
	21	46572	46062	46126	45902	45965	46465	45893	46291	45563	46335	45919	46302	100.283
	22	45631	46092	46385	46560	46426	46133	45974	45994	45835	46409	45995	45655	100.227
	23	44935	45950	45822	46625	45585	46057	46082	45626	46028	46324	45996	44991	99.672

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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	45763	46319	45649	45868	46191	45681	46581	46266	45532	45658	45928	45956	99.917
	1	46539	45973	44960	46734	45255	46345	45977	46233	45664	45992	45361	45873	99.832
	2	46015	46044	45498	45350	45968	46237	45222	46050	46187	45418	45432	45769	99.521
	3	45639	45804	45937	46457	45755	45782	45459	45664	46362	46099	46076	45963	99.849
	4	45854	46195	45935	46138	45841	45361	46212	45809	45796	45598	45835	46377	99.840
	5	45969	45945	46073	45500	45902	45950	45474	45760	46280	45324	45886	45990	99.678
	6	46086	45696	45841	45734	45421	45643	45755	46508	45928	45543	45526	45489	99.518
	7	46039	45786	45578	45371	45459	45479	45791	46798	46314	45601	45914	45576	99.615
	8	45615	46148	45735	46087	46177	45614	46431	46098	45750	46206	45821	45853	99.946
	9	46012	46128	45473	45563	45362	45882	46144	45999	45624	46172	46328	45463	99.695
	10	45510	45555	46055	46161	45744	45728	46112	46002	46212	45837	45363	46104	99.737
	11	45361	45502	46771	45764	46103	45713	45412	46367	45921	45808	45505	46275	99.759
	12	45862	45557	45188	45690	46031	45902	46087	45772	45846	46136	46173	45580	99.636
	13	46455	45592	45561	45471	46196	46378	45697	46245	46316	45492	45766	45962	99.873
	14	46231	45326	45620	46217	45386	46074	46203	46221	46267	45956	46557	45941	100.030
	15	46585	45868	45761	45696	46191	46124	45789	46213	45454	45709	45698	45400	99.756
	16	45944	46268	46000	46018	45956	46083	46006	46405	46026	46109	46194	45963	100.206
	17	46164	46166	46219	46477	46562	46154	46248	45839	45708	45898	47036	45485	100.385
	18	46262	46601	46544	45842	46364	46343	45708	45592	46102	46212	46101	45391	100.223
	19	45953	46682	46035	46327	46202	45715	46480	45808	45856	46042	46651	46472	100.433
	20	45889	46134	45922	46144	45746	45978	45669	45690	46017	46514	46120	45625	99.930
	21	46682	46169	46085	46520	46253	46331	46310	45649	46184	47307	46305	46075	100.731
	22	46605	45879	46419	46140	46033	45695	46002	46221	46255	45565	46598	46425	100.363
	23	45907	46006	45630	45661	46574	46163	46189	46047	46256	46346	46452	46503	100.345
10	0	46131	46047	45983	45897	45487	46485	45912	46342	45643	45868	46116	45994	100.010
	1	46128	46034	46440	46488	45886	46206	45458	46089	45732	45680	46232	45356	99.980
	2	45467	46015	45796	46487	45801	45777	45986	45919	46124	46033	46018	46295	99.980
	3	46039	45834	45731	45797	45534	46064	46123	45596	46040	45996	45793	45500	99.676
	4	45984	46322	46081	46231	46455	45437	46132	46161	46251	46043	45947	45823	100.187
	5	45978	46321	46197	45395	45623	46178	46477	45666	46144	46062	45794	46328	100.060
	6	45565	46096	45449	45611	46030	45648	45913	45780	45656	46492	46195	46231	99.789
	7	45889	45785	45706	45660	46273	45958	46328	45791	45610	45670	46204	45671	99.767
	8	45755	45853	46390	46278	45701	45507	46122	46635	46558	46383	46228	45559	100.206
	9	46245	45250	47003	46280	46377	46051	45728	46158	46297	45790	46830	46068	100.407
	10	46298	46087	45647	46539	45978	46520	46396	45881	46413	46219	45941	46002	100.378
	11	45870	46891	46602	46394	46359	45963	45672	46696	46923	46029	46714	46275	100.826
	12	46101	46359	46278	46401	45860	46443	45872	46379	46237	45523	46070	46221	100.346
	13	46027	46005	45873	46028	46382	45945	46531	45457	46005	46997	45764	45915	100.199
	14	46132	46687	46142	46847	45759	46280	46247	45761	46313	46181	45780	46250	100.461
	15	46290	46497	45607	46888	45848	45652	46072	46185	46860	45733	46329	45865	100.361
	16	46262	47009	46341	46596	47008	46164	46180	46061	46189	46176	45980	45959	100.742
	17	46174	46209	46440	46576	46277	46698	46160	46123	46169	45503	46384	46277	100.572
	18	46135	45575	46389	45732	45931	46488	46225	46374	45811	46357	46852	45931	100.356
	19	45986	46139	46011	46031	45784	46143	46367	46633	46429	46505	46306	45795	100.416
	20	45938	45884	45954	46394	46660	45780	46093	45745	45524	45902	45883	45825	99.955
	21	45837	46337	45581	45691	45842	46096	46098	45752	45986	46353	46741	45390	99.977
	22	45857	45895	46169	45553	45931	46333	45981	45770	44986	45996	45751	45698	99.653
	23	46185	46524	45708	45602	46898	46487	45736	46457	46873	45966	46402	46783	100.686

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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	46244	46420	45779	46373	46167	45698	46184	46232	45558	45999	46533	45654	100.180
	1	45763	45948	46208	46191	45850	46057	46105	46263	45803	45848	46204	45724	100.024
	2	46405	45734	45979	46351	46420	46491	45750	46116	45710	45876	46065	46272	100.242
	3	46526	45492	46184	45883	45577	46114	45939	45956	45362	46206	46292	45862	99.920
	4	46165	45691	45703	46650	46706	45935	46126	46096	46097	45859	46271	46778	100.406
	5	45400	45461	45738	46143	45232	45591	45901	45974	45482	45749	45901	46022	99.413
	6	45924	45865	46425	45194	46279	45622	45952	45565	45521	45942	46271	46106	99.789
	7	46167	46089	46168	45377	46312	46172	46310	45976	45885	45741	46626	45659	100.117
	8	45974	45610	46259	45864	45889	45939	45789	46586	45777	45264	46373	45650	99.844
	9	45656	45585	46541	45910	46211	46036	46812	45701	46430	46165	46450	46558	100.403
	10	46626	46170	46370	45803	45890	46313	45473	45771	46036	46196	46219	46096	100.205
	11	45721	46196	46216	45978	45848	46414	45939	46781	46297	45732	46465	46209	100.357
	12	45994	45851	46164	46080	46341	46297	46550	46121	45962	45857	45446	46446	100.232
	13	46613	46841	46043	46380	46433	46404	45982	46043	46438	46424	46472	45999	100.768
	14	46353	45759	46612	46076	46617	46152	46154	46355	46315	46123	46733	46428	100.696
	15	45853	45990	46215	46132	46184	46258	46712	46208	46132	46282	46468	46909	100.636
	16	45930	45830	46036	46124	45765	46342	46025	46135	46436	46641	46170	45765	100.247
	17	46078	46305	46022	45838	46264	46167	46149	46138	46466	46020	46472	46735	100.511
	18	46264	46668	46748	45805	46463	46071	46333	45476	46239	46150	45855	46287	100.458
	19	46170	46153	46040	46398	46629	46404	46581	45887	46002	46008	46154	46388	100.540
	20	45868	45480	46338	46048	45887	46033	45754	45743	46161	46035	45805	45871	99.853
	21	46481	45447	46572	46447	46117	46188	46123	45200	45890	46417	46221	45993	100.229
	22	46985	46047	45939	46591	45834	45646	45854	45802	45926	45894	46059	45610	100.065
	23	46567	46045	46064	46353	45996	45731	45969	45849	46089	46088	46027	45894	100.153
12	0	45439	46208	46050	45892	46683	46466	45820	46485	46550	46260	45801	45609	100.264
	1	44904	46434	46266	46173	45686	46141	45681	46432	46332	46016	46775	46434	100.260
	2	45661	46145	45443	45929	46069	45618	45924	46567	45814	46139	46054	46267	99.963
	3	46027	45782	46645	45834	46074	45967	46011	45887	45693	46231	46508	46452	100.231
	4	46229	45508	45472	45649	45519	46151	46024	45837	46340	45784	45813	45679	99.669
	5	46119	45621	46591	46088	46740	45761	45954	45669	45997	45607	46066	45673	100.010
	6	46247	45520	45982	46126	46165	45327	46669	45935	45705	45826	45972	45430	99.832
	7	45944	46379	45681	46231	46272	46578	45943	46170	45917	46298	45881	45891	100.245
	8	45999	46063	46120	45975	46359	45746	46674	46598	45976	45534	46368	45632	100.220
	9	46068	46465	46229	46602	46075	46793	46008	45759	46541	46139	46208	46395	100.625
	10	46407	45488	45621	45491	45403	46114	45750	46426	45755	46077	46319	45757	99.778
	11	46002	46216	46181	46067	45913	45991	46454	46697	46127	46122	46562	45793	100.415
	12	46047	46062	46288	45973	45841	45708	45967	46196	45479	46143	46091	46332	100.053
	13	46466	45736	46366	45434	46036	46063	45998	46040	46558	46370	45804	46005	100.189
	14	46346	46201	46552	46343	46145	45914	46104	45641	46504	45715	45799	46383	100.329
	15	45672	46439	46313	45790	46091	45899	45804	46353	45861	46889	46252	46170	100.308
	16	45975	46313	46093	45933	46161	45773	45969	45961	46167	45982	45216	46490	100.037
	17	45891	46619	46029	46662	46296	46784	46088	46158	46185	46513	47086	46020	100.815
	18	46008	46469	46298	45792	46914	45806	46477	45817	45986	45915	46269	46577	100.452
	19	46613	45951	46575	45781	45579	45746	45826	45221	45645	46021	45307	45962	99.709
	20	46418	46049	46163	46739	46320	45823	46534	45945	46295	46437	46924	45494	100.599
	21	46245	46170	46362	46109	46378	45781	47166	45839	46083	45693	46088	45388	100.266
	22	45466	45794	45588	46761	46431	45460	46469	46329	45805	45953	45783	45841	99.972
	23	45685	45721	45988	46673	45753	45820	45721	46235	46230	46566	46368	45875	100.146

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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	45719	46494	46284	45704	46425	45594	46589	46383	45692	46244	45982	45280	100.099
	1	46033	46592	45862	46026	46467	45698	46407	46395	45679	46088	45562	45732	100.128
	2	46099	45933	44835	45193	45861	45720	46088	45992	46032	45557	46207	45324	99.458
	3	45776	45714	45413	46137	45747	46273	45974	45322	45627	46406	46069	46459	99.835
	4	45867	45837	45750	45787	45680	46100	45421	46037	45470	45567	45970	46209	99.612
	5	46077	46380	45300	46524	45773	45637	45994	46069	45492	46269	45611	45874	99.849
	6	46086	45912	46177	45724	45585	45571	45253	45863	45778	46214	46288	45772	99.708
	7	45996	45636	45927	45722	45712	46292	45820	46046	46604	46044	46328	46230	100.095
	8	45614	45823	45862	45798	45981	46584	46113	46206	45404	46168	45808	46056	99.925
	9	46244	46405	45897	45936	46066	45823	46325	45990	45998	45979	46126	45767	100.131
	10	45781	45927	45553	45698	46074	45275	45527	45915	45991	46101	46028	46558	99.747
	11	46208	46091	46334	46291	45616	45120	46817	45999	45967	45936	45862	45725	100.024
	12	46029	46287	45667	46353	45547	45898	46046	46804	45789	46352	45757	45623	100.058
	13	46077	46056	45553	45910	45401	45846	46411	45912	46156	45522	46215	45809	99.825
	14	46310	46139	46510	45985	46059	45601	46128	45743	45539	45653	45712	45351	99.800
	15	46087	45810	46076	46201	46605	46425	46190	46150	45928	46100	46459	45787	100.359
	16	45249	46214	46346	46351	46539	45977	45895	45920	45853	45904	45944	45917	100.050
	17	46137	46191	46049	46433	46264	45947	46091	46103	45921	46584	45730	46228	100.334
	18	46221	45343	46511	45832	46323	45675	45770	46346	45881	45781	46474	45487	99.966
	19	45504	45802	46209	45624	45828	46077	46069	45866	46334	45839	45519	46200	99.826
	20	46309	46149	46316	46159	46229	46288	46631	45875	46067	46053	46055	46297	100.470
	21	45859	45924	45899	46568	45526	45444	45793	46060	46153	45927	46168	46572	100.011
	22	45783	45599	46234	45551	46452	46560	46033	46201	46212	45952	46214	46053	100.184
	23	46190	46208	46129	46291	46276	45828	45823	45888	45528	45871	45830	45835	99.976
14	0	46148	45779	46270	46795	46339	45980	45775	45907	46322	45629	45698	46093	100.155
	1	44957	46308	46030	46255	45326	45788	45668	45574	45971	46387	45889	45449	99.596
	2	46178	46225	45644	45818	46210	46030	45864	45566	45822	45827	46175	46089	99.930
	3	46491	45714	45507	46293	45798	45899	45852	46156	45821	46477	46204	45993	100.067
	4	45792	46139	46229	46321	45542	46509	45879	45749	45853	46198	46120	46248	100.135
	5	46502	45851	45609	46473	46157	46053	45736	45963	45969	46255	45805	45850	100.071
	6	46317	45575	46095	46272	46526	45736	46642	45605	46143	46179	45633	46200	100.198
	7	45748	45831	45946	45812	46472	45865	45979	46007	46301	45712	45508	45763	99.839
	8	45714	46066	46022	45858	45802	46310	45811	46219	46441	45857	45589	45630	99.907
	9	45272	45833	45751	45701	45900	45595	45957	46617	45895	45860	45605	45987	99.663
	10	46085	46231	45656	46567	45995	45655	46239	45642	45244	45979	46323	45857	99.935
	11	46145	45756	45751	46274	46100	45915	45724	45949	45522	45241	46301	46131	99.815
	12	46213	46332	46273	45920	46455	45622	46205	46060	45814	46289	46316	46193	100.337
	13	46207	45867	45889	45582	46524	46237	45778	45989	46250	46141	46542	46099	100.230
	14	46122	45745	45785	45939	46135	46127	46352	45789	45823	46059	45789	46372	100.037
	15	46484	46509	46697	46089	46120	46360	46166	45907	45964	46745	45637	45809	100.481
	16	46164	46308	46280	46068	46714	45835	46420	45707	46390	46125	45976	46096	100.408
	17	46052	45986	45875	45583	46224	46296	45715	46278	45613	45922	45955	45488	99.847
	18	46322	45483	46829	45963	46362	46655	45385	46564	46408	46020	46042	45875	100.376
	19	46928	45871	46329	45999	46182	46547	46296	45657	46244	46252	45905	46146	100.457
	20	46233	46445	45860	45934	46017	45975	46398	46890	46004	46046	46961	45217	100.389
	21	46545	46188	45820	45971	45250	46498	45727	46481	46066	46169	46055	46431	100.248
	22	46099	45743	46141	46171	45838	46050	45605	46191	46003	45604	46334	45990	99.988
	23	46045	45882	45383	45815	46481	46103	45895	45849	45857	46410	46269	45796	99.992



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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
15	0	45479	45818	45680	46193	46054	46208	46267	46438	45777	45343	45306	45812	99.736
	1	46048	46059	46019	46322	46373	45765	46464	46331	45886	46214	45729	45569	100.171
	2	46131	45489	45759	46275	45901	45714	46374	45796	46464	45693	46083	45897	99.954
	3	45984	45991	46261	46645	46168	45793	45997	46553	45187	46252	45930	47113	100.370
	4	45755	46274	45901	46192	45930	46778	46282	46141	45862	45978	45959	46113	100.241
	5	46051	46291	45716	46084	45657	46063	46082	46659	46104	46160	45728	46032	100.144
	6	45963	45835	46290	46192	46236	46145	46184	46318	45954	46201	46646	46725	100.518
	7	46394	45879	46407	45817	45548	46829	46607	46341	45559	46530	45821	46089	100.360
	8	45940	46157	46100	46599	46313	45680	45699	45972	45595	46311	45491	46070	100.017
	9	46569	45988	46188	45853	46120	46544	45726	46554	46323	46688	46534	45968	100.584
	10	46023	46628	46091	46194	46489	45935	46052	46351	46273	46396	46488	46306	100.616
	11	46184	45633	46292	46485	46550	45939	45917	45993	45748	46643	46071	46385	100.364
	12	46254	45502	46113	46428	45713	46142	46139	46172	46001	45761	46187	46182	100.138
	13	45759	46030	46389	45593	46496	45860	45945	45763	46277	46268	45766	45932	100.044
	14	45937	46070	46377	46820	45456	45593	45631	45614	46139	45728	45797	45866	99.854
	15	46089	46973	45928	46192	46192	46279	45942	46253	45436	45626	45789	45747	100.111
	16	46271	45766	46379	46606	45953	45674	45858	45704	46119	46619	45837	46324	100.232
	17	46251	45952	46051	45776	46789	46350	46117	45910	46104	46604	45340	45679	100.197
	18	45958	46614	46084	46852	46339	45853	45465	46677	46176	46100	46084	47021	100.615
	19	46218	46532	45734	46031	46129	46169	46614	46261	45785	46137	45530	46007	100.238
	20	46159	46191	45943	45552	45604	45952	45946	46624	46197	46159	46216	45689	100.072
	21	46230	46055	45674	45725	45837	45995	45806	45938	45447	46067	45828	46131	99.801
	22	46600	46022	46051	45692	45807	45737	45688	45719	45911	46028	45794	46021	99.861
	23	45446	45533	46216	45654	46304	45827	45931	46819	46091	45866	46436	45363	99.939
16	0	45746	46108	45858	45854	46252	46220	45594	45869	45409	45962	45640	46130	99.768
	1	45799	45889	45211	46037	45752	46017	46044	46048	46420	45515	46005	45812	99.767
	2	45946	46126	45923	46001	45953	45890	46008	45972	46230	46777	46626	45749	100.249
	3	45699	46072	46163	45703	46345	45981	46077	46151	46144	46290	46078	45847	100.130
	4	46241	46283	45587	46141	46120	45852	45976	45678	46410	46448	45979	45593	100.086
	5	46002	45871	46143	45636	46252	46564	46217	47102	46091	46129	46542	45843	100.463
	6	46394	46173	46638	45451	45965	45923	46358	45802	46461	45225	46038	45667	100.047
	7	45904	46202	46369	46191	46142	46178	46826	45988	45785	45591	46101	45988	100.261
	8	46185	46013	45074	46130	46356	46994	46521	46320	45967	45692	46276	46775	100.447
	9	45427	46509	46146	46116	46056	46247	45869	46233	46422	46245	46933	46406	100.503
	10	46402	45822	45986	46237	45939	46038	46079	45692	45570	45871	46028	46143	99.995
	11	46350	46141	45974	45929	45483	45963	46348	45805	46202	45660	46261	45637	99.986
	12	46015	45766	45927	46027	46214	46008	45770	46031	45828	46446	46081	46059	100.061
	13	45874	46508	46250	45329	45803	46051	46051	45791	45692	45436	45926	46293	99.850
	14	46070	45641	45524	45921	46583	45282	46130	45923	46211	45628	45470	45926	99.724
	15	45591	45783	46036	45573	46680	45853	46241	46253	46124	46411	46218	45991	100.167
	16	46704	45829	45945	46076	45552	45715	46082	45861	45497	45772	46057	46704	99.993
	17	45721	46015	46493	46245	46318	46011	46042	45926	45788	46133	46134	46102	100.198
	18	45638	46301	45928	45628	45751	46333	45898	45957	46381	46391	46047	46213	100.115
	19	45498	45862	45816	46032	46067	46268	45632	45727	45771	46196	45768	46614	99.895
	20	45984	45796	46196	46150	46175	46171	46055	46263	46231	45973	45761	46524	100.262
	21	45964	46643	45805	46074	46399	45892	46046	45991	46490	45488	45387	46200	100.099
	22	46007	46198	45588	45644	46158	45580	45675	46335	45667	45420	46553	46005	99.819
	23	46250	46300	46465	46461	46004	45996	46324	46112	45646	46144	45537	45644	100.190

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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	45862	45552	45481	45669	45925	45581	45522	45585	46050	45818	46261	46738	99.668
	1	45606	45794	45609	46220	46008	45348	45879	45644	46100	45731	46071	45587	99.595
	2	45655	46030	46056	46159	45202	45986	46133	45883	46044	45847	45338	46046	99.736
	3	45006	45437	46166	46518	45709	45346	45490	45848	45778	45788	45981	45455	99.400
	4	44875	45553	45838	45511	45613	45420	46019	45584	45926	45614	45264	45413	99.057
	5	45491	45553	45014	45829	45671	46227	45667	45558	45095	45614	45317	45776	99.090
	6	45433	45214	45184	45779	45850	45559	45776	45504	46107	46141	45248	45850	99.241
	7	45691	45461	46304	45888	45254	45748	45492	44860	45815	45787	46119	45889	99.361
	8	45573	45180	45180	45856	45340	45257	45630	45853	45789	45164	44888	45100	98.727
	9	45069	45336	45860	45472	45002	45030	44788	45086	45247	45093	45532	44810	98.277
	10	44902	45673	45215	45476	45131	45333	45483	45100	45270	45345	44760	45265	98.391
	11	44891	45258	44945	45165	45157	45100	45179	45542	45480	45406	45895	45799	98.549
	12	44892	45289	45054	45060	44967	45762	45322	45372	45144	45522	45115	45593	98.417
	13	44976	45226	45788	45292	45358	44955	44978	45440	44907	45396	45130	45176	98.331
	14	45556	45176	46090	45850	44756	45330	45248	45631	45724	45789	45035	45752	98.932
	15	45884	45221	46053	45849	45890	45453	45925	45972	45399	46087	45631	45643	99.488
	16	45682	46016	45754	46112	46115	46013	45444	45838	45859	46013	45540	46252	99.783
	17	45905	45517	45256	45898	45927	45792	46074	45509	45593	46286	45282	45894	99.474
	18	45701	45925	45769	45844	46160	46000	45926	45398	46120	46463	46508	45864	99.973
	19	46226	46016	46060	46089	46174	46103	46805	47010	45728	46530	46282	45654	100.515
	20	46350	45934	46022	45702	46000	46677	46582	46038	46295	46262	46083	46286	100.434
	21	46938	46262	45841	46619	47125	45994	46408	45977	46142	46394	45861	46618	100.788
	22	46615	45849	46682	46754	46502	46507	46651	46670	46644	46564	46294	46340	101.131
	23	46523	46430	46012	46457	46418	46008	45848	46179	46035	46500	46465	46339	100.613
18	0	46268	46151	46962	46071	46746	46446	47110	46497	46634	46677	46677	46832	101.317
	1	46519	46573	46900	46358	45872	45982	46388	47156	46589	47322	46804	46628	101.316
	2	46620	46827	46416	46399	46479	46426	46352	46115	46821	46357	45924	45905	100.871
	3	46650	45669	46260	45952	46633	46003	46114	45977	45906	46049	46023	46008	100.256
	4	46756	46299	45703	46414	45792	46359	46263	45749	45860	45979	45785	45997	100.204
	5	46205	45910	46348	46183	46125	46169	46049	45811	45583	45220	45551	45812	99.842
	6	45944	45603	45642	46067	46352	45299	45540	46278	45278	45995	45324	45305	99.419
	7	45850	45612	45545	45613	46276	46356	46033	45453	46006	46455	46452	45727	99.917
	8	46016	46842	45994	45914	46264	45892	45708	45928	46222	45792	45594	46130	100.084
	9	45388	45151	46216	45386	46119	46070	45146	46374	45989	45685	46228	46028	99.628
	10	45819	45950	45481	45600	45718	45249	46012	46051	45039	45829	45349	45952	99.314
	11	45724	45877	46072	45527	45104	46130	45557	45672	45645	45465	45556	45217	99.223
	12	45657	45288	45391	46092	44732	45716	46000	46041	46449	45408	45335	45326	99.203
	13	45023	45472	45239	45049	45479	44574	45772	45437	45573	45231	45383	45577	98.546
	14	45101	44732	45132	45638	44943	45349	45317	44766	45754	45763	45549	45642	98.523
	15	45985	45510	45637	45502	45335	46099	45333	45745	45116	45418	45607	45049	99.005
	16	45203	45272	45495	45162	45609	44683	45919	45404	45379	45275	45487	45032	98.566
	17	45343	45951	45692	45507	45431	45210	44836	45329	45427	45416	45882	45964	98.941
	18	45447	44976	45603	45087	45834	45724	45226	45522	46055	45870	45648	45539	99.039
	19	45705	45390	45445	45383	45794	45177	45042	45414	45521	45338	44963	45781	98.753
	20	45005	46023	45397	45471	45823	45266	45310	45311	45275	45436	44936	46070	98.820
	21	45430	45744	45102	45164	45620	45245	45078	45625	45299	44971	44722	45411	98.474
	22	45554	45776	45922	45679	45792	45578	45687	45020	45598	45176	45690	45397	99.100
	23	46061	45129	45720	45804	45517	45478	45611	45049	45103	45949	45711	45441	99.047

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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	45309	45566	46082	45600	45100	45184	45752	45308	45648	45825	44863	45122	98.828
	1	45350	45320	45193	45975	45786	45444	45951	45568	45694	45274	45689	45611	99.098
	2	45840	45113	45862	45601	45240	45411	46061	45912	45697	45360	45983	46163	99.350
	3	45917	46023	45821	46447	45519	45586	45420	45530	45727	45250	44898	45522	99.243
	4	45365	45341	45622	45722	45138	45073	45343	45517	45752	45243	45622	45374	98.782
	5	45474	45857	45317	45306	45794	44978	45979	45713	44989	44846	45985	45371	98.872
	6	45741	45205	44934	45536	45569	45623	45349	45248	45132	45960	45199	46123	98.874
	7	44525	45243	45501	45258	45596	45307	45725	45576	45915	44986	45893	45570	98.778
	8	45417	45541	45614	45644	45196	45371	45418	45800	45406	45770	45503	45267	98.934
	9	45392	45321	45849	45606	45766	46030	45380	44710	45027	45326	45463	45703	98.865
	10	45713	45708	45051	45775	45374	45593	45533	45318	45333	45491	46115	45308	99.000
	11	45374	45483	45485	45005	45270	45281	46308	45322	45351	44951	44746	45667	98.624
	12	45500	45177	45813	44954	45322	45078	44955	45348	45897	45561	45277	45206	98.597
	13	45678	45379	45588	45250	45188	45533	45506	45447	45694	45486	45833	45226	98.908
	14	45334	45453	45517	45360	46034	44652	45382	45274	45358	45069	44968	45347	98.535
	15	45168	45140	45480	45274	45591	45200	45336	45168	45553	45108	45554	45008	98.504
	16	45258	45635	44682	45438	45463	44812	45225	45059	44942	45016	44814	45238	98.142
	17	45538	44857	45034	44709	45583	45372	45695	45698	45349	45050	45272	45227	98.469
	18	45179	44895	45279	45067	45461	45447	45282	45267	44726	45003	45071	44737	98.112
	19	45112	44772	45239	45214	44967	44441	44181	45366	45206	45757	45186	45011	97.938
	20	45096	45738	43919	45162	44773	45757	45465	44353	45291	45124	44849	44903	97.934
	21	44971	45341	44506	45556	45339	45495	45113	45149	44582	44651	45027	45453	98.070
	22	45164	44887	45856	45844	45132	45001	43936	45299	45035	45401	45199	44668	98.113
	23	44867	45086	44898	44669	45437	45393	45655	44978	45908	45284	45212	45637	98.404
20	0	45248	45607	44704	45460	45175	45048	45509	45242	45584	45558	45248	45459	98.543
	1	45262	45057	45286	44795	45501	45363	45322	45135	44792	44749	44728	45467	98.120
	2	45677	44941	45569	45307	44813	44773	45807	45343	45241	45093	45471	44458	98.307
	3	44700	45079	45294	45501	44859	44955	45010	45371	45375	45124	44700	44662	97.970
	4	45115	45834	45319	45098	44994	44537	45174	44763	45724	44730	45331	44997	98.148
	5	45367	44884	45611	45181	45103	45122	45933	45820	45194	45311	45508	44754	98.542
	6	45811	45477	45318	44908	45018	45757	45480	46033	45739	45002	44810	44670	98.585
	7	45801	44659	44842	45182	45564	45578	45303	45115	45426	45634	45439	45692	98.623
	8	45222	45467	45563	45212	45748	45072	44689	45837	45310	45644	45925	45840	98.857
	9	45649	44633	44815	45376	44564	45267	45674	45225	45457	45411	45663	45363	98.416
	10	45156	45358	45803	45736	46142	45276	44765	45544	46092	45155	46181	45530	99.077
	11	45201	45854	45606	45670	45389	45199	45831	45301	45201	45407	46157	44860	98.884
	12	45653	45851	45381	45640	45621	45956	44997	45345	45931	45355	44861	45728	99.001
	13	45392	45686	45627	45263	45621	45464	45417	45715	44697	46142	45508	45250	98.903
	14	44970	45890	45125	45633	45497	45520	45259	45690	45362	45269	45833	45403	98.844
	15	45518	45051	45718	45671	45317	45447	45113	45660	45101	45190	45065	45464	98.637
	16	45247	45494	45198	44993	45117	45672	45592	45032	45295	45565	45490	45463	98.609
	17	45406	45783	46152	45281	46034	45231	44845	45646	45183	45417	44871	45328	98.793
	18	45381	44977	44681	45267	45294	45500	45154	44480	45903	45067	45116	45073	98.199
	19	45654	45071	44828	45441	45623	45883	45646	45547	46153	46010	45447	45380	99.066
	20	46138	45614	45113	45751	45817	45474	45312	45649	45602	45325	45980	44679	99.025
	21	45341	45263	45416	45103	45374	45595	45690	45689	45640	45645	45858	45638	98.989
	22	45717	45115	44979	45539	45569	45683	45383	45238	45149	45474	45114	45292	98.627
	23	45524	44719	45523	45485	45197	45854	45485	45014	45361	45488	45461	45626	98.714

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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	45955	46259	44866	45479	44814	45251	45380	45400	45165	45430	45683	45536	98.801
	1	45446	45274	46262	45975	46346	45512	45729	46111	45258	45531	45675	45839	99.479
	2	45997	45949	45982	44574	45422	45030	45428	45305	45465	45906	45377	45368	98.907
	3	45829	45049	45475	45680	45840	45779	45294	45671	44986	45432	45765	45207	98.944
	4	46083	46164	45841	45197	45447	45503	45933	45616	45530	45910	45251	45391	99.281
	5	45117	45634	45722	45081	45165	45496	45447	45505	45833	45731	45714	46131	99.047
	6	44923	45760	45511	45614	45096	45978	45884	45342	45578	46017	45459	45415	99.047
	7	45046	46029	45987	45907	46488	46037	45360	45871	45632	45211	45515	45576	99.425
	8	45905	46172	45668	45881	46356	45716	45520	46104	46162	44954	45850	45643	99.655
	9	45786	46076	45400	45606	45612	46160	45567	46236	46315	46163	45932	45535	99.738
	10	45532	45449	45761	45373	46304	45779	45803	46254	46009	46238	45473	45866	99.639
	11	45568	45752	45815	45492	45732	45965	46241	46253	45770	46032	46012	45458	99.684
	12	45454	45752	45698	45962	45714	45281	45579	46535	45605	45482	45641	46140	99.458
	13	45767	46056	45862	45922	46265	46080	46738	45698	46353	45558	45238	45933	99.934
	14	45979	45325	45731	45531	45837	45682	45607	45576	45337	45690	45984	45674	99.297
	15	45429	45356	45872	46013	45837	45023	45949	46002	45835	45367	45804	45883	99.372
	16	46033	45083	45473	45601	45820	45654	46049	45551	46179	45675	45691	45377	99.339
	17	45400	45931	45602	45227	45488	45559	45357	45382	45349	45510	45398	44899	98.781
	18	45508	45122	45276	45211	45842	45081	45380	45315	46110	45276	45523	45045	98.705
	19	45437	45187	45020	45620	45070	45016	44889	46196	45885	45225	45515	44815	98.558
	20	45885	45568	45203	45511	45120	45047	45080	45213	45388	45348	45940	46000	98.816
	21	45227	45244	44833	46073	45561	45897	45371	45409	45344	45658	44847	46004	98.847
	22	45410	44796	45103	45322	45461	45362	45633	45687	46148	45876	45574	45777	98.970
	23	46347	45816	46118	45165	45483	44983	45870	45436	45511	45137	46438	45626	99.293
22	0	44960	45394	45660	45433	46114	45449	45736	45350	45408	45817	45936	45679	99.120
	1	45569	45763	45114	45204	45028	45837	45530	44729	45524	45172	45832	45476	98.722
	2	46165	45872	45327	45763	45785	45235	46215	45535	45582	45841	45182	45911	99.380
	3	45530	44884	44862	45735	45692	45747	45669	46349	46433	45238	45526	45289	99.116
	4	44949	45441	45670	45302	45319	45447	45809	45532	45401	45835	45588	45514	98.908
	5	45828	45958	45847	45707	45477	45865	45797	45907	46131	45576	45876	46066	99.674
	6	45543	45697	45824	45563	45392	45974	45605	45276	45323	46017	45708	45996	99.291
	7	45646	46071	46382	45198	46469	45914	45700	45739	45518	45991	45864	45650	99.694
	8	46423	45981	46256	45406	46107	45717	45927	45541	46385	46207	46198	46265	100.105
	9	45555	45841	46292	46070	46169	45716	45783	45958	45515	45947	45770	45525	99.694
	10	45743	45515	46456	46494	45219	46333	45972	45788	45953	45530	45934	46410	99.912
	11	46242	46198	46176	45947	46465	45622	45514	46385	45782	46193	46309	46310	100.237
	12	46013	46240	46012	46157	45535	45837	45503	46059	46121	46355	45864	45757	99.931
	13	45570	45757	45547	45876	45649	45981	45524	46313	45339	46489	45777	46566	99.738
	14	45713	46142	45794	45943	45895	46192	45809	45585	45954	46335	46006	45542	99.833
	15	46033	45951	45970	45742	46043	46116	46041	46279	46139	46026	45898	45501	99.983
	16	45965	45366	45925	46004	46021	45787	45863	46271	46111	46058	45943	45697	99.851
	17	45884	45887	45638	45874	46276	46021	46092	45195	45607	45481	45773	45532	99.534
	18	46159	45454	46115	45201	45507	45464	45725	45907	45806	45796	45811	45330	99.355
	19	46144	45886	46262	44949	46119	45311	45283	45873	45384	45742	46022	45835	99.452
	20	45481	45867	45319	45821	46519	45569	45394	45835	45696	46418	45678	45324	99.472
	21	45405	45510	45531	45707	45961	45816	45629	46014	44799	45400	45720	45742	99.167
	22	45273	45269	45452	45359	45447	45304	45465	46139	45611	46059	45556	46108	99.132
	23	45735	45174	45482	45335	45716	45749	46182	45244	45206	45495	45898	45620	99.095

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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	45651	45776	45130	45823	45322	45391	45626	45794	45460	45723	45640	45827	99.153
	1	45060	46653	45717	45309	44923	45421	45590	45290	45183	46199	45962	45132	99.023
	2	45317	45997	45693	45005	45575	45612	46112	45147	45905	45752	45388	45792	99.178
	3	45769	45781	45480	45932	45005	46165	45167	46187	45367	45910	46028	45460	99.351
	4	45547	45858	45670	45748	45807	45768	45379	45522	46113	45392	45549	45507	99.280
	5	45970	45688	45742	45788	46230	46148	45438	45816	45478	45806	46246	45444	99.630
	6	45854	45673	46132	45956	46012	45890	46038	45788	46153	46057	45944	45663	99.878
	7	46249	46419	46252	45919	45628	45514	46097	45490	45641	46126	46335	46086	99.986
	8	46265	45868	45533	46255	46151	46121	45587	45910	46235	45152	45956	46436	99.935
	9	46083	45910	46252	46103	45664	45900	46089	45973	46169	46006	46017	46037	100.067
	10	45952	46088	45803	46288	46517	45783	45944	46033	46098	46286	46285	45925	100.213
	11	46280	46099	45940	45686	46381	45433	45826	45841	46056	46342	45822	46033	99.983
	12	45517	46146	45944	45841	45969	45972	46257	45382	46069	46202	45769	46058	99.872
	13	46400	46353	45618	46115	45954	45960	46089	45917	46039	46308	45459	45636	100.002
	14	45332	45996	45943	45532	45744	45914	45373	46492	46385	45872	45890	45736	99.706
	15	46133	45901	45524	46474	46004	46334	45866	45719	46164	46219	45442	45876	99.968
	16	46164	45948	45766	45770	46202	45631	45837	46223	45080	46232	46440	45609	99.831
	17	46122	45756	45751	45989	46200	46325	45850	46510	45844	45841	46059	46048	100.084
	18	46021	45762	45573	45369	45960	46001	45376	45859	46283	45841	45630	45624	99.541
	19	45657	45641	45850	45757	45980	45822	45915	45875	45840	45926	46029	45599	99.648
	20	45523	45521	45759	45762	45762	45968	45436	46302	45733	45755	45616	45095	99.347
	21	46044	45230	45817	45977	45898	45181	46092	45150	45739	45633	45915	45240	99.291
	22	44973	46103	45035	45140	45262	45384	45331	45866	45828	45299	45828	45082	98.786
	23	45183	45664	45311	45943	45658	45401	45858	45467	46001	45462	46101	45100	99.151
24	0	45936	45737	45820	45774	45837	45404	45801	46218	45971	45553	46538	45868	99.738
	1	45285	45499	45719	45654	46502	45704	45635	45919	46236	46159	45749	45481	99.585
	2	45385	46169	45671	46308	45530	45783	45894	46378	45774	45939	45740	45557	99.691
	3	45983	45070	46133	46017	46244	45971	45915	45857	46469	45549	46255	45705	99.880
	4	45770	45791	45810	45616	46245	45906	45882	45728	46125	46611	45922	46242	99.966
	5	46095	46505	46373	45624	45901	46432	45615	46107	45686	45617	46217	45839	100.032
	6	45654	45914	46056	46180	46134	46642	45924	46221	45796	45497	46201	46104	100.089
	7	46014	45769	46064	46350	46594	46724	45836	46041	46315	46047	46086	46601	100.473
	8	45863	46426	46174	45651	46064	45347	46067	45903	46045	46487	46328	46311	100.151
	9	46898	46872	46198	46341	46322	46415	46080	45639	46782	46412	46561	46204	100.886
	10	46057	46042	46924	46719	46569	45947	46109	46451	45770	46152	45828	46244	100.540
	11	45613	45647	45742	46331	46313	46226	46091	46151	46824	46634	46320	46334	100.435
	12	45892	46051	46495	46698	46086	45605	46363	46326	46808	46290	46122	46035	100.533
	13	45710	45870	45813	45885	46212	46048	45702	46226	45602	46225	46884	46457	100.145
	14	46090	45864	45883	46214	45595	46174	46485	45922	46050	46122	46170	46020	100.137
	15	46101	46145	46195	45951	46075	45938	46316	46079	46227	46179	45599	45881	100.155
	16	46077	46439	45679	45707	46662	46459	46250	45776	45721	46015	45483	46570	100.183
	17	45993	45556	46108	45944	45822	45650	45758	46315	45812	46328	46279	46261	99.998
	18	46191	45399	45990	45686	46110	46065	45797	46460	45601	46038	45861	45807	99.850
	19	45860	46436	46341	46247	46061	45666	46142	46238	46018	45772	45956	45659	100.102
	20	45222	45808	46446	45890	46052	45932	45866	46342	45844	45937	45960	46189	99.937
	21	45931	46063	45356	46035	45641	45691	46410	45475	45466	45604	45689	45783	99.513
	22	45403	45551	45563	45961	45827	46225	45919	45957	45285	45774	45912	45832	99.524
	23	45912	46127	45917	45345	45726	46080	45726	45852	45859	45529	46371	45467	99.651

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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	45867	45762	45886	45575	46102	46055	46007	45541	45421	45642	46451	46158	99.744
	1	45743	46180	45226	45965	45899	46017	46228	46408	45872	45454	45692	45991	99.790
	2	45761	45669	45721	45353	46183	45899	46516	45471	45738	46705	46372	45845	99.891
	3	45690	46272	45419	45866	45892	46509	46172	46036	46149	46595	45662	46586	100.185
	4	46562	46794	46065	45926	45648	46093	45896	45759	46938	46041	46170	46386	100.443
	5	46032	45860	46344	46314	46585	46018	46615	45543	46601	45917	46060	46367	100.439
	6	46314	46517	46298	46378	45941	45831	46011	46408	46150	46033	46298	46531	100.521
	7	46599	46567	45739	46751	46485	45402	45945	45480	46241	46314	46668	46445	100.508
	8	46605	46579	46153	46376	45907	46484	46478	45344	46432	46586	45959	46825	100.706
	9	46287	45988	45922	46423	45926	46367	46179	46556	46547	45596	46040	46436	100.441
	10	46641	45786	46055	45813	45949	46333	46263	46605	46254	46000	46306	46157	100.422
	11	45804	46045	45721	46130	46125	46152	46082	46453	46389	46601	45425	46057	100.208
	12	45972	45960	45767	45770	46197	46282	46448	46026	46210	46012	45954	45763	100.096
	13	46563	46053	46441	46214	45651	46339	46186	45685	45799	45926	45819	45685	100.096
	14	45803	45854	45705	46174	45563	45592	45590	45804	46465	46388	45858	45735	99.764
	15	45381	46063	45351	46587	45621	45824	46178	45902	45603	46600	46001	45542	99.786
	16	45976	45863	45808	46257	45634	46550	45894	46197	45900	46159	45701	46569	100.122
	17	45835	45783	46575	46188	46408	45981	45763	45914	46332	45858	45858	45962	100.113
	18	45615	46594	45562	45816	46150	46264	46157	46285	45909	45805	46449	45936	100.128
	19	46290	46530	45916	46027	45858	45547	45565	45701	46268	46691	46094	45634	100.052
	20	45644	46155	45898	46176	45446	45757	45998	45817	46001	45457	46014	45771	99.692
	21	45598	46150	45904	45833	45590	45539	46494	45924	45468	46148	46263	45671	99.774
	22	46007	45570	45652	45958	45847	45808	45936	46275	45557	45781	46073	46162	99.781
	23	46530	46052	45939	45928	45813	46140	46494	45485	45869	45047	45727	46268	99.902
26	0	45410	46040	46371	46302	46161	45378	45550	46594	45987	45689	45777	45257	99.762
	1	46072	46252	46639	46005	46419	46041	46272	45793	46107	46844	46086	46075	100.502
	2	45930	46247	45762	45995	45894	46122	45872	46039	46055	46183	46141	46369	100.141
	3	45638	46327	46504	45587	45800	46139	46344	45718	45659	46006	45804	45866	99.920
	4	46316	46272	45571	45711	45574	45903	46247	45759	45689	45503	45958	46201	99.796
	5	45821	44987	45994	46355	45869	45834	45799	45743	45425	45889	45415	46100	99.529
	6	46029	45321	45965	45652	46542	45778	45387	45584	45874	45961	45882	46169	99.694
	7	46007	45521	45657	45869	45713	45472	45776	46006	46121	45470	46266	45857	99.620
	8	45967	45897	45996	45268	45837	46249	46141	45994	45517	46602	45498	45193	99.697
	9	46350	46515	46415	45883	45965	46307	46621	45996	46193	46088	46232	45749	100.450
	10	46237	45714	46115	46456	46043	46167	46187	45952	46203	46609	45362	46149	100.246
	11	46149	46187	46595	45848	46093	45716	45583	45753	46525	46316	45995	46441	100.248
	12	46514	45990	46197	46342	46037	47193	46129	46094	46452	46652	46424	46244	100.804
	13	46144	46207	46158	45970	45596	46397	46000	46516	46266	45527	45802	46000	100.136
	14	46065	46044	46363	45519	46183	45127	45949	46365	45921	46149	46284	46945	100.195
	15	46135	46428	45532	45972	45975	46535	46553	46566	45873	46681	46363	46330	100.563
	16	46306	46293	46301	46476	46750	45704	46588	46901	46702	46297	45869	46104	100.809
	17	45565	45823	46541	45627	45690	46182	46428	45898	45895	45395	45286	46030	99.734
	18	45678	46106	46421	45853	46579	45747	45952	46135	46230	46049	46136	45691	100.135
	19	45915	46212	45787	45903	46123	45974	45544	45756	45745	45717	46248	45883	99.814
	20	45753	46157	45588	45422	46126	45856	45498	45524	45237	45991	45711	46138	99.487
	21	44950	46689	46100	46076	46976	45841	45930	46150	46357	45893	45275	45578	99.997
	22	45139	45911	46026	46015	45622	46355	45324	46119	45840	46805	45740	46020	99.834
	23	46393	46193	45938	46239	46305	45840	45353	46142	46370	45626	45710	45976	100.046

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
27	0	46162	46014	46521	45505	45405	45050	46179	46240	45926	45742	45292	45462	99.584
	1	45976	46291	45653	46051	46446	45060	46059	46405	45884	45939	45373	44820	99.661
	2	45538	46124	45853	45278	45661	46121	45549	46096	45548	45252	46068	46004	99.503
	3	45926	45971	45381	45746	45114	45719	45633	45884	46091	45478	46001	45728	99.427
	4	45804	46463	46027	45864	45223	45350	46025	45740	45532	45977	45920	45506	99.565
	5	45414	45930	45255	45626	45703	45169	45443	45735	46234	45571	45676	45423	99.156
	6	45749	46287	45263	45984	45122	45592	45546	45541	45759	45850	45632	45628	99.297
	7	45445	45404	46231	45516	45314	45392	45610	45580	45877	45932	45809	46175	99.357
	8	45789	46103	45515	46195	46345	46248	45542	46611	46045	44893	45957	45720	99.842
	9	45792	46031	45796	46001	45902	45468	45548	46183	45763	45963	45025	45408	99.465
	10	45781	45964	45500	45814	45849	46365	45792	46170	46049	45467	45568	46186	99.759
	11	46666	45385	45492	46469	45910	45373	45965	45447	45330	45364	45970	45993	99.553
	12	45595	45949	45695	46240	45686	45709	45798	45902	46022	45502	45711	45616	99.564
	13	46616	45756	45685	45574	46095	46116	45964	45631	45843	45872	45989	46264	99.922
	14	46084	45663	46172	45921	45429	45806	45257	46266	45496	45281	45787	46019	99.519
	15	45877	45854	46042	46116	45600	46000	45550	46337	45486	46108	46002	45899	99.826
	16	45812	46423	45854	45983	45748	45923	45178	46362	46387	45578	45439	45224	99.652
	17	45589	46094	45685	45488	45765	46023	45796	46039	45886	46218	45023	45551	99.515
	18	45623	46061	46357	45329	45437	45766	44799	45707	45654	45295	45746	45826	99.233
	19	46144	45570	45579	45249	45789	45436	45859	45198	45035	45947	45821	45944	99.228
	20	45212	45909	45131	45516	45485	45399	45793	45739	44810	45819	45301	45594	98.890
	21	46063	45447	45515	45996	45732	45125	45601	45250	45428	45066	45228	46089	99.041
	22	45697	45594	45445	45010	45441	45107	45430	45287	45809	45864	46061	45503	98.988
	23	46104	45469	45363	45206	45611	45311	46181	45343	45812	45679	45481	45228	99.086
28	0	45003	45482	45143	45657	45731	45703	45574	45201	46259	45596	45470	44932	98.895
	1	45329	45763	45305	45108	45835	45361	45478	45674	45486	45442	45953	45654	99.014
	2	45408	45550	45441	45388	45515	45323	45319	45150	45364	45359	45123	45426	98.647
	3	45693	45487	45878	45658	46001	45049	45016	45447	45163	44752	45250	45168	98.682
	4	45912	45028	46399	45883	45686	45781	45417	45292	45642	45835	45699	45771	99.368
	5	45591	45081	45384	45860	46204	45468	45592	45741	45555	45462	45641	45731	99.180
	6	45496	44881	45363	45402	44920	45352	44925	45134	44963	45393	45460	45977	98.447
	7	45639	45542	45285	46190	45203	45819	46388	45472	45438	45436	45605	45943	99.299
	8	45641	45663	45516	45421	45922	45374	45620	45466	45311	45687	45919	45963	99.215
	9	46010	45621	45109	45412	45508	45302	46009	45897	45404	45604	45053	45445	99.011
	10	45393	45772	45184	45758	44729	46091	45598	45907	46007	45391	46358	45152	99.186
	11	45770	45936	45967	45746	45513	45826	46230	46006	45778	45145	45780	45953	99.605
	12	45927	45529	45532	45315	45995	46086	45320	45828	45891	45444	45919	45476	99.353
	13	45374	46095	46093	45910	46036	45221	45458	45670	45836	45721	45829	45721	99.480
	14	45764	45582	45696	46011	45279	45585	45667	46194	45717	46039	45937	45304	99.446
	15	45546	45730	45352	46011	45888	45711	46157	45800	45338	45730	45521	45944	99.438
	16	46220	45684	45814	45318	45754	45643	45709	45814	45398	45703	45772	45482	99.362
	17	45516	45070	45121	45032	45939	46008	45843	45886	45634	45736	45165	45158	98.963
	18	45580	45673	45712	45348	45201	45351	45645	45600	45893	45384	46024	45605	99.127
	19	45426	45716	45571	45938	45882	45285	45871	45719	45808	45024	45454	45628	99.183
	20	45529	45323	45373	45742	45349	45828	45559	44750	45246	45382	45139	45233	98.663
	21	45878	46110	46047	44913	45686	45496	46019	45047	45204	45454	45553	45221	99.058
	22	45344	45451	45121	45422	45528	45411	45503	45104	45104	45171	44949	45070	98.432
	23	45905	45439	45014	45190	45119	45056	45427	45661	45817	45995	45237	46002	98.917



INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - January 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	45744	45602	45268	44992	45660	44996	45693	45431	45520	45679	45258	45108	98.754
	1	45716	45207	45397	45462	45826	45377	45690	45910	44959	45250	46276	45761	99.093
	2	45362	45555	44675	45445	45636	45014	45896	45484	46167	45717	45723	45479	98.970
	3	45182	45957	45777	45780	45459	45638	45524	45390	45708	46054	45723	45175	99.191
	4	45121	45965	45314	45480	44974	45726	45586	44991	46047	45186	45634	45777	98.907
	5	45518	45617	45785	45736	45592	45404	45629	45265	46129	45446	45744	45510	99.192
	6	45620	46146	45490	45610	45351	46639	45146	45510	46397	46114	45174	45613	99.452
	7	45157	45751	46027	44856	45915	45224	45880	45811	45625	45782	46001	45691	99.255
	8	45550	45482	45303	45726	45652	45597	45478	45151	45910	45588	46116	45861	99.199
	9	46200	45761	45412	45340	46051	45834	45227	46230	46204	45081	45776	45735	99.460
	10	45693	45478	46047	45635	45164	46135	45670	45425	45953	45575	45771	45538	99.321
	11	46211	46251	45748	45506	45639	45877	45647	46516	46128	45864	46211	45408	99.851
	12	46075	45682	46054	45616	46252	46346	45828	45699	45366	45740	46128	45990	99.808
	13	45370	45852	45469	46438	45931	45448	45709	45472	45036	45351	45152	45734	99.117
	14	45625	46426	45927	45801	45533	45423	45557	45488	44614	45555	45072	45414	99.022
	15	45061	46185	45104	46208	45340	45679	45323	45414	45526	45645	45596	45252	99.003
	16	44945	45610	46054	45768	45712	46210	45492	45542	45529	45455	46392	45858	99.408
	17	46129	45277	45902	45648	46551	46161	45463	45797	45715	45925	45793	46019	99.737
	18	45090	45714	45349	45774	45777	45256	45546	46009	45386	45270	45408	46027	99.053
	19	45001	45411	45510	46539	45494	45012	45829	45552	44986	45697	44490	46146	98.883
	20	45528	45174	46229	45759	46052	45625	45903	44950	44638	45506	45646	46168	99.156
	21	45634	46088	45319	46100	45357	45840	45340	45560	45614	45234	45575	45661	99.183
	22	45520	46015	45390	45216	45719	45833	45931	46054	45623	46049	45519	45646	99.399
	23	45918	45372	44973	45684	45363	46216	45488	45411	45642	45699	45475	45865	99.143
30	0	45386	45550	45196	45235	45551	45617	45314	45222	45809	45572	44798	45726	98.753
	1	45445	45280	45669	45614	45494	45920	45502	46098	45003	45245	44938	45152	98.827
	2	45427	45407	44745	45779	45310	44900	45406	46131	45360	45884	45879	45485	98.891
	3	45199	45323	45053	45332	45721	45536	45288	45394	45715	45963	45253	45223	98.762
	4	45257	45543	45241	45769	45371	45574	46024	45645	45235	46067	45441	45347	99.036
	5	45593	45429	45748	46135	46118	45604	45366	46254	45374	45609	45275	45316	99.274
	6	45985	45534	45480	45640	45996	45807	45393	45796	45988	45134	45497	45512	99.262
	7	45441	44986	45733	45499	44915	46338	45540	45611	45953	45503	46098	46404	99.309
	8	45544	45109	45841	45489	46100	45991	45791	45679	45415	45816	46248	46041	99.499
	9	45779	45608	45190	46103	45585	45557	45737	45846	45343	46060	45900	45814	99.400
	10	46022	45675	46017	46417	46052	45345	46175	45293	45251	46236	45784	46236	99.759
	11	45619	45520	45848	45739	46018	46172	46765	45741	46250	45942	46044	45679	99.910
	12	46215	45737	45678	45366	46177	45787	44717	45752	45552	45688	45756	46071	99.395
	13	45731	46231	45249	46074	46081	45717	45406	46494	45683	44932	45979	45491	99.499
	14	45827	46502	45420	45865	45358	45438	45630	45408	45754	46141	45759	45535	99.421
	15	46127	45910	45182	45521	45547	45872	45813	45757	45556	45580	45680	45355	99.287
	16	46289	45014	46072	45929	45477	46157	45933	45703	45940	45468	45677	45054	99.435
	17	45621	46181	46157	46136	45728	45289	45422	46118	45107	45798	45654	45167	99.374
	18	45778	45858	45896	45018	46316	45077	45203	45660	45857	45339	45582	45358	99.114
	19	45597	45418	46239	45718	46086	46000	45896	45234	45928	45587	46219	45465	99.557
	20	45577	46003	45839	45467	45924	45870	45839	45863	46067	45848	45943	45869	99.688
	21	45804	45917	45105	45110	45027	45668	45282	45251	45895	45259	45027	45853	98.798
	22	46331	45787	45683	45388	45264	45970	45254	45280	45873	45605	45461	45845	99.258
	23	45002	45248	45915	45178	45564	45557	45998	45347	45131	45193	45497	45601	98.804

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – January 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
31	0	45801	45852	45270	45588	45892	45880	45435	45688	45732	45339	45633	45150	99.165
	1	45680	45606	45397	45671	45586	45433	45488	45146	45843	45824	45496	45923	99.141
	2	45470	45698	45590	46048	45603	45027	45632	45513	44940	46319	44807	45540	98.977
	3	45540	45541	46348	45679	45955	45319	46296	45573	45405	45895	45189	45312	99.315
	4	45396	45141	45675	45447	45997	45781	45799	44885	45426	45825	45673	45611	99.062
	5	46323	46365	45574	45396	45809	45750	45741	45927	45461	45479	46578	45853	99.714
	6	46057	45687	45310	45237	46111	45623	46204	45165	45647	45885	45455	45819	99.341
	7	45445	46164	46015	45587	45989	46445	46180	46452	45525	45223	46081	46232	99.910
	8	46073	45494	46050	45760	46397	45718	45976	46158	45969	45971	45203	45833	99.777
	9	46026	46448	45914	45956	45622	45538	45034	46045	46184	45912	45839	45958	99.754
	10	46289	45875	46005	46283	46330	46246	46163	46325	45577	46472	45795	45394	100.167
	11	45703	46047	46050	45289	45736	45911	45763	45992	46012	45511	45989	46070	99.681
	12	45860	45300	45961	45936	45670	45665	45978	46468	45577	46429	45909	46098	99.823
	13	46053	46097	45429	45489	45414	45925	45462	45697	45617	45712	46337	45739	99.481
	14	45613	45674	45823	45493	45893	45721	45528	45796	45865	45570	45992	46355	99.545
	15	46295	45735	45736	45658	45704	45673	45724	46075	45312	45708	45712	45686	99.490
	16	45368	46108	45792	45998	45487	46284	45950	45757	45933	45552	45320	45657	99.524
	17	46590	45593	45839	45567	45426	45289	45874	46052	45140	45962	46090	45162	99.412
	18	45508	45982	45108	46090	45426	45273	46268	45689	45174	45466	45219	46557	99.262
	19	45511	45541	45681	45106	46215	46382	45621	45374	45563	46149	45330	45504	99.301
	20	45122	45749	46323	46205	45598	45873	45391	45632	46290	45233	45210	45039	99.246
	21	45120	45318	45579	45866	45160	45372	45432	45681	45364	46237	44931	45492	98.862
	22	46054	45303	45497	45079	46052	45751	46083	45092	45746	45016	46095	45421	99.158
	23	45435	45523	46104	45492	45819	45414	45352	45750	45478	45758	45495	45446	99.136

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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	1020.45	1020.45	1020.46	1020.46	1020.46	1020.45	1020.43	1020.39	1020.36	1020.33	1020.31	1020.29	1020.40
	1	1020.25	1020.23	1020.21	1020.18	1020.15	1020.14	1020.13	1020.12	1020.10	1020.07	1020.07	1020.06	1020.14
	2	1020.02	1019.95	1019.88	1019.82	1019.78	1019.74	1019.72	1019.70	1019.65	1019.60	1019.56	1019.54	1019.75
	3	1019.53	1019.51	1019.49	1019.49	1019.46	1019.40	1019.34	1019.30	1019.28	1019.27	1019.25	1019.21	1019.38
	4	1019.18	1019.15	1019.14	1019.12	1019.11	1019.11	1019.09	1019.09	1019.12	1019.14	1019.14	1019.15	1019.13
	5	1019.16	1019.17	1019.17	1019.17	1019.21	1019.24	1019.26	1019.28	1019.32	1019.37	1019.38	1019.37	1019.26
	6	1019.39	1019.39	1019.43	1019.46	1019.47	1019.50	1019.52	1019.50	1019.49	1019.53	1019.56	1019.56	1019.48
	7	1019.55	1019.55	1019.55	1019.58	1019.62	1019.64	1019.68	1019.71	1019.72	1019.73	1019.76	1019.80	1019.66
	8	1019.79	1019.78	1019.79	1019.80	1019.79	1019.81	1019.85	1019.87	1019.85	1019.81	1019.78	1019.78	1019.81
	9	1019.82	1019.88	1019.92	1019.92	1019.93	1019.93	1019.90	1019.88	1019.85	1019.79	1019.75	1019.73	1019.86
	10	1019.71	1019.68	1019.61	1019.54	1019.48	1019.44	1019.41	1019.34	1019.25	1019.18	1019.13	1019.03	1019.40
	11	1018.88	1018.73	1018.59	1018.52	1018.49	1018.44	1018.40	1018.34	1018.29	1018.25	1018.22	1018.19	1018.44
	12	1018.12	1018.04	1018.00	1017.96	1017.93	1017.92	1017.91	1017.90	1017.86	1017.84	1017.84	1017.82	1017.93
	13	1017.77	1017.76	1017.80	1017.81	1017.80	1017.80	1017.78	1017.78	1017.79	1017.79	1017.81	1017.82	1017.79
	14	1017.80	1017.80	1017.83	1017.85	1017.84	1017.80	1017.76	1017.76	1017.80	1017.80	1017.78	1017.75	1017.80
	15	1017.76	1017.76	1017.71	1017.69	1017.71	1017.72	1017.71	1017.68	1017.68	1017.70	1017.70	1017.73	1017.71
	16	1017.78	1017.80	1017.82	1017.83	1017.81	1017.78	1017.77	1017.80	1017.85	1017.89	1017.90	1017.91	1017.83
	17	1017.90	1017.87	1017.89	1017.91	1017.90	1017.91	1017.92	1017.95	1018.00	1018.09	1018.13	1018.15	1017.97
	18	1018.18	1018.23	1018.27	1018.26	1018.23	1018.21	1018.19	1018.20	1018.22	1018.24	1018.26	1018.28	1018.23
	19	1018.28	1018.26	1018.23	1018.20	1018.18	1018.13	1018.10	1018.09	1018.07	1018.05	1018.04	1018.02	1018.14
	20	1018.06	1018.10	1018.11	1018.09	1018.05	1018.05	1018.07	1018.06	1018.04	1018.07	1018.13	1018.16	1018.08
	21	1018.13	1018.15	1018.20	1018.17	1018.14	1018.15	1018.19	1018.23	1018.27	1018.28	1018.25	1018.24	1018.20
	22	1018.23	1018.21	1018.15	1018.10	1018.04	1018.00	1018.04	1018.05	1018.05	1018.05	1018.08	1018.15	1018.09
	23	1018.18	1018.17	1018.13	1018.06	1018.00	1018.00	1018.08	1018.16	1018.16	1018.08	1018.00	1017.94	1018.08
2	0	1017.87	1017.85	1017.81	1017.81	1017.80	1017.76	1017.73	1017.68	1017.63	1017.63	1017.62	1017.58	1017.72
	1	1017.58	1017.64	1017.69	1017.70	1017.70	1017.69	1017.65	1017.64	1017.65	1017.61	1017.55	1017.52	1017.63
	2	1017.50	1017.49	1017.51	1017.48	1017.44	1017.42	1017.42	1017.41	1017.38	1017.35	1017.31	1017.26	1017.41
	3	1017.20	1017.15	1017.08	1017.00	1016.97	1016.97	1016.95	1016.91	1016.91	1016.93	1016.91	1016.88	1016.99
	4	1016.87	1016.89	1016.91	1016.92	1016.91	1016.88	1016.84	1016.80	1016.74	1016.67	1016.64	1016.66	1016.81
	5	1016.67	1016.67	1016.64	1016.58	1016.58	1016.64	1016.68	1016.69	1016.72	1016.79	1016.83	1016.80	1016.69
	6	1016.78	1016.80	1016.83	1016.86	1016.88	1016.89	1016.93	1016.96	1016.99	1016.99	1016.99	1017.01	1016.91
	7	1017.03	1017.09	1017.13	1017.14	1017.17	1017.18	1017.16	1017.15	1017.18	1017.25	1017.31	1017.31	1017.17
	8	1017.32	1017.33	1017.33	1017.36	1017.39	1017.41	1017.45	1017.51	1017.57	1017.64	1017.71	1017.76	1017.48
	9	1017.78	1017.79	1017.84	1017.87	1017.86	1017.83	1017.83	1017.84	1017.85	1017.87	1017.91	1017.90	1017.85
	10	1017.88	1017.82	1017.75	1017.70	1017.64	1017.57	1017.55	1017.54	1017.50	1017.44	1017.37	1017.31	1017.59
	11	1017.23	1017.15	1017.10	1017.06	1017.04	1017.02	1016.98	1016.95	1016.95	1016.97	1016.97	1016.96	1017.03
	12	1016.95	1016.96	1016.96	1016.99	1017.02	1017.00	1016.98	1016.97	1016.96	1016.94	1016.88	1016.85	1016.95
	13	1016.87	1016.90	1016.92	1016.97	1017.02	1017.06	1017.10	1017.09	1017.08	1017.08	1017.10	1017.15	1017.03
	14	1017.18	1017.24	1017.30	1017.35	1017.39	1017.39	1017.41	1017.47	1017.53	1017.56	1017.63	1017.70	1017.43
	15	1017.76	1017.83	1017.88	1017.93	1017.98	1018.01	1018.03	1018.08	1018.17	1018.27	1018.36	1018.43	1018.06
	16	1018.49	1018.54	1018.57	1018.65	1018.72	1018.77	1018.84	1018.92	1018.97	1019.04	1019.12	1019.20	1018.82
	17	1019.26	1019.33	1019.41	1019.49	1019.56	1019.64	1019.74	1019.85	1019.91	1019.96	1020.03	1020.09	1019.69
	18	1020.16	1020.24	1020.34	1020.43	1020.50	1020.56	1020.62	1020.67	1020.69	1020.75	1020.84	1020.94	1020.56
	19	1021.06	1021.18	1021.26	1021.34	1021.42	1021.51	1021.62	1021.76	1021.89	1021.97	1022.00	1022.06	1021.59
	20	1022.14	1022.21	1022.29	1022.36	1022.40	1022.44	1022.48	1022.52	1022.61	1022.72	1022.81	1022.93	1022.49
	21	1023.03	1023.07	1023.14	1023.24	1023.34	1023.43	1023.49	1023.56	1023.63	1023.70	1023.81	1023.90	1023.44
	22	1023.97	1024.02	1024.06	1024.13	1024.22	1024.29	1024.34	1024.35	1024.35	1024.38	1024.44	1024.49	1024.25
	23	1024.53	1024.55	1024.54	1024.56	1024.60	1024.61	1024.64	1024.69	1024.73	1024.79	1024.83	1024.85	1024.66

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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	1024.91	1024.95	1025.01	1025.06	1025.13	1025.24	1025.34	1025.42	1025.52	1025.64	1025.73	1025.77	1025.33
	1	1025.81	1025.87	1025.91	1025.97	1026.02	1026.09	1026.17	1026.19	1026.23	1026.33	1026.37	1026.39	1026.11
	2	1026.44	1026.50	1026.56	1026.61	1026.66	1026.73	1026.82	1026.90	1026.97	1027.03	1027.06	1027.14	1026.78
	3	1027.20	1027.23	1027.28	1027.31	1027.36	1027.39	1027.38	1027.40	1027.43	1027.46	1027.48	1027.50	1027.37
	4	1027.53	1027.55	1027.57	1027.62	1027.66	1027.71	1027.78	1027.82	1027.84	1027.88	1027.94	1028.00	1027.74
	5	1028.06	1028.15	1028.22	1028.28	1028.34	1028.42	1028.51	1028.60	1028.68	1028.77	1028.88	1028.96	1028.49
	6	1028.98	1028.98	1029.04	1029.13	1029.19	1029.24	1029.30	1029.37	1029.47	1029.60	1029.70	1029.79	1029.31
	7	1029.89	1029.99	1030.07	1030.17	1030.29	1030.39	1030.48	1030.55	1030.60	1030.65	1030.69	1030.71	1030.37
	8	1030.76	1030.82	1030.92	1031.01	1031.06	1031.13	1031.20	1031.25	1031.32	1031.37	1031.43	1031.49	1031.14
	9	1031.51	1031.50	1031.48	1031.48	1031.51	1031.54	1031.52	1031.52	1031.53	1031.53	1031.52	1031.50	1031.51
	10	1031.46	1031.43	1031.38	1031.32	1031.27	1031.18	1031.12	1031.06	1031.02	1030.97	1030.92	1030.89	1031.17
	11	1030.86	1030.81	1030.79	1030.79	1030.77	1030.72	1030.66	1030.61	1030.55	1030.48	1030.44	1030.39	1030.65
	12	1030.35	1030.31	1030.25	1030.20	1030.17	1030.13	1030.08	1030.04	1030.01	1030.01	1030.02	1029.99	1030.13
	13	1029.96	1029.97	1029.99	1029.99	1029.99	1030.00	1030.00	1029.99	1030.00	1030.03	1030.05	1030.08	1030.00
	14	1030.11	1030.12	1030.14	1030.17	1030.19	1030.22	1030.26	1030.29	1030.33	1030.36	1030.35	1030.35	1030.24
	15	1030.39	1030.43	1030.45	1030.44	1030.43	1030.44	1030.47	1030.50	1030.54	1030.57	1030.61	1030.64	1030.49
	16	1030.66	1030.68	1030.70	1030.72	1030.72	1030.75	1030.81	1030.84	1030.87	1030.89	1030.93	1030.99	1030.79
	17	1031.05	1031.10	1031.12	1031.12	1031.12	1031.17	1031.23	1031.27	1031.29	1031.32	1031.39	1031.43	1031.22
	18	1031.46	1031.46	1031.41	1031.38	1031.35	1031.32	1031.33	1031.33	1031.30	1031.28	1031.30	1031.36	1031.35
	19	1031.43	1031.45	1031.45	1031.47	1031.49	1031.52	1031.56	1031.53	1031.51	1031.55	1031.56	1031.59	1031.51
	20	1031.63	1031.66	1031.66	1031.63	1031.64	1031.69	1031.74	1031.77	1031.78	1031.79	1031.81	1031.83	1031.72
	21	1031.81	1031.79	1031.80	1031.84	1031.85	1031.82	1031.81	1031.81	1031.81	1031.80	1031.81	1031.85	1031.81
	22	1031.89	1031.94	1031.97	1032.00	1032.01	1031.97	1031.91	1031.90	1031.93	1031.93	1031.94	1031.94	1031.94
	23	1031.91	1031.87	1031.83	1031.76	1031.68	1031.60	1031.53	1031.53	1031.53	1031.47	1031.43	1031.41	1031.63
4	0	1031.38	1031.38	1031.37	1031.37	1031.33	1031.30	1031.32	1031.33	1031.29	1031.26	1031.29	1031.33	1031.32
	1	1031.36	1031.39	1031.43	1031.44	1031.36	1031.27	1031.25	1031.31	1031.35	1031.32	1031.24	1031.14	1031.32
	2	1031.08	1031.05	1031.02	1031.00	1030.98	1030.96	1030.91	1030.85	1030.83	1030.79	1030.73	1030.67	1030.90
	3	1030.67	1030.67	1030.60	1030.53	1030.45	1030.36	1030.29	1030.23	1030.18	1030.15	1030.12	1030.08	1030.36
	4	1030.05	1030.02	1029.99	1030.00	1029.99	1029.94	1029.88	1029.84	1029.81	1029.79	1029.76	1029.69	1029.89
	5	1029.66	1029.68	1029.71	1029.68	1029.62	1029.60	1029.60	1029.61	1029.67	1029.69	1029.70	1029.68	1029.66
	6	1029.62	1029.60	1029.62	1029.66	1029.67	1029.68	1029.81	1029.97	1030.07	1030.13	1030.23	1030.26	1029.86
	7	1030.32	1030.43	1030.53	1030.55	1030.47	1030.44	1030.45	1030.45	1030.46	1030.47	1030.49	1030.46	1030.46
	8	1030.41	1030.34	1030.31	1030.38	1030.44	1030.36	1030.26	1030.26	1030.29	1030.29	1030.25	1030.24	1030.32
	9	1030.25	1030.16	1030.11	1030.14	1030.18	1030.21	1030.18	1030.14	1030.13	1030.10	1030.03	1030.01	1030.14
	10	1030.00	1029.99	1029.98	1030.05	1030.09	1030.06	1030.02	1029.90	1029.81	1029.79	1029.72	1029.60	1029.91
	11	1029.43	1029.17	1029.12	1029.13	1029.01	1028.86	1028.67	1028.58	1028.55	1028.47	1028.33	1028.19	1028.79
	12	1028.06	1027.94	1027.83	1027.79	1027.75	1027.68	1027.59	1027.52	1027.51	1027.48	1027.44	1027.38	1027.66
	13	1027.31	1027.28	1027.23	1027.13	1027.08	1027.06	1027.03	1026.98	1026.98	1027.03	1027.05	1027.03	1027.10
	14	1026.99	1027.03	1027.13	1027.13	1027.14	1027.14	1027.04	1026.92	1026.87	1026.87	1026.87	1026.84	1027.00
	15	1026.84	1026.89	1026.82	1026.66	1026.64	1026.71	1026.74	1026.66	1026.52	1026.41	1026.35	1026.35	1026.63
	16	1026.36	1026.35	1026.27	1026.26	1026.41	1026.52	1026.54	1026.53	1026.49	1026.45	1026.44	1026.44	1026.42
	17	1026.46	1026.49	1026.50	1026.54	1026.59	1026.62	1026.65	1026.63	1026.60	1026.57	1026.52	1026.52	1026.55
	18	1026.54	1026.51	1026.50	1026.53	1026.52	1026.49	1026.50	1026.48	1026.47	1026.47	1026.44	1026.40	1026.48
	19	1026.38	1026.40	1026.42	1026.39	1026.38	1026.39	1026.33	1026.28	1026.29	1026.32	1026.36	1026.39	1026.36
	20	1026.43	1026.49	1026.45	1026.34	1026.27	1026.23	1026.21	1026.18	1026.12	1026.05	1026.02	1026.03	1026.23
	21	1025.97	1025.91	1025.90	1025.91	1025.87	1025.81	1025.75	1025.70	1025.68	1025.71	1025.83	1025.90	1025.83
	22	1025.93	1025.94	1025.87	1025.74	1025.63	1025.52	1025.41	1025.39	1025.37	1025.35	1025.37	1025.37	1025.57
	23	1025.37	1025.44	1025.43	1025.34	1025.25	1025.19	1025.22	1025.23	1025.16	1025.06	1024.96	1024.84	1025.21

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
5	0	1024.79	1024.80	1024.80	1024.74	1024.63	1024.55	1024.52	1024.48	1024.44	1024.40	1024.44	1024.53	1024.58
	1	1024.54	1024.49	1024.43	1024.39	1024.32	1024.26	1024.29	1024.36	1024.38	1024.39	1024.41	1024.41	1024.39
	2	1024.35	1024.28	1024.25	1024.20	1024.15	1024.10	1024.01	1023.93	1023.88	1023.78	1023.57	1023.40	1023.99
	3	1023.32	1023.25	1023.14	1022.98	1022.81	1022.73	1022.74	1022.70	1022.62	1022.58	1022.62	1022.62	1022.84
	4	1022.56	1022.59	1022.68	1022.75	1022.78	1022.79	1022.79	1022.72	1022.58	1022.41	1022.31	1022.31	1022.60
	5	1022.34	1022.43	1022.52	1022.62	1022.75	1022.81	1022.84	1022.79	1022.62	1022.48	1022.44	1022.45	1022.59
	6	1022.42	1022.39	1022.28	1022.17	1022.16	1022.15	1022.10	1022.08	1022.11	1022.09	1022.07	1022.04	1022.17
	7	1021.95	1021.92	1021.95	1021.97	1021.94	1021.92	1021.87	1021.82	1021.85	1021.86	1021.80	1021.68	1021.88
	8	1021.61	1021.57	1021.52	1021.54	1021.59	1021.66	1021.65	1021.58	1021.46	1021.46	1021.52	1021.52	1021.55
	9	1021.57	1021.60	1021.59	1021.52	1021.46	1021.49	1021.51	1021.49	1021.45	1021.40	1021.36	1021.32	1021.48
	10	1021.29	1021.18	1021.07	1020.96	1020.93	1020.89	1020.79	1020.78	1020.69	1020.59	1020.54	1020.39	1020.84
	11	1020.31	1020.24	1020.13	1020.05	1020.00	1019.92	1019.83	1019.80	1019.75	1019.68	1019.53	1019.40	1019.88
	12	1019.35	1019.29	1019.21	1019.11	1019.01	1018.91	1018.87	1018.87	1018.84	1018.78	1018.77	1018.81	1018.98
	13	1018.83	1018.80	1018.80	1018.77	1018.69	1018.71	1018.71	1018.64	1018.60	1018.60	1018.58	1018.51	1018.68
	14	1018.43	1018.38	1018.34	1018.36	1018.35	1018.37	1018.40	1018.41	1018.39	1018.36	1018.38	1018.39	1018.38
	15	1018.38	1018.32	1018.31	1018.31	1018.32	1018.36	1018.39	1018.44	1018.43	1018.41	1018.45	1018.47	1018.38
	16	1018.53	1018.61	1018.64	1018.64	1018.67	1018.69	1018.67	1018.63	1018.57	1018.54	1018.58	1018.61	1018.61
	17	1018.58	1018.55	1018.52	1018.52	1018.59	1018.60	1018.59	1018.60	1018.64	1018.75	1018.76	1018.79	1018.62
	18	1018.83	1018.81	1018.80	1018.82	1018.89	1018.99	1019.00	1019.02	1019.09	1019.08	1019.10	1019.23	1018.97
	19	1019.26	1019.19	1019.15	1019.15	1019.15	1019.09	1019.10	1019.15	1019.13	1019.22	1019.27	1019.22	1019.17
	20	1019.22	1019.22	1019.19	1019.17	1019.19	1019.24	1019.26	1019.34	1019.40	1019.38	1019.39	1019.42	1019.28
	21	1019.44	1019.42	1019.42	1019.43	1019.51	1019.61	1019.64	1019.64	1019.66	1019.68	1019.68	1019.68	1019.57
	22	1019.70	1019.65	1019.62	1019.62	1019.60	1019.59	1019.56	1019.57	1019.59	1019.62	1019.66	1019.66	1019.62
	23	1019.61	1019.60	1019.62	1019.63	1019.68	1019.72	1019.67	1019.63	1019.58	1019.51	1019.45	1019.43	1019.59
6	0	1019.42	1019.43	1019.42	1019.43	1019.47	1019.48	1019.47	1019.48	1019.51	1019.60	1019.73	1019.81	1019.52
	1	1019.82	1019.85	1019.90	1019.94	1019.88	1019.80	1019.80	1019.87	1019.98	1020.06	1020.07	1020.09	1019.92
	2	1020.16	1020.22	1020.24	1020.28	1020.25	1020.20	1020.18	1020.12	1020.08	1020.13	1020.17	1020.15	1020.18
	3	1020.07	1020.03	1019.99	1019.98	1020.07	1020.17	1020.18	1020.16	1020.14	1020.13	1020.15	1020.16	1020.10
	4	1020.16	1020.12	1020.08	1020.11	1020.16	1020.21	1020.29	1020.35	1020.37	1020.38	1020.36	1020.31	1020.24
	5	1020.28	1020.26	1020.31	1020.43	1020.50	1020.53	1020.60	1020.67	1020.76	1020.82	1020.90	1021.00	1020.59
	6	1021.03	1021.01	1021.03	1021.11	1021.17	1021.24	1021.34	1021.47	1021.58	1021.65	1021.65	1021.66	1021.33
	7	1021.71	1021.78	1021.90	1021.98	1022.02	1022.01	1021.92	1021.91	1021.95	1021.95	1021.97	1022.01	1021.92
	8	1022.06	1022.13	1022.20	1022.25	1022.26	1022.26	1022.27	1022.29	1022.34	1022.37	1022.39	1022.41	1022.27
	9	1022.45	1022.50	1022.55	1022.59	1022.60	1022.59	1022.53	1022.42	1022.35	1022.36	1022.39	1022.43	1022.48
	10	1022.47	1022.45	1022.41	1022.37	1022.33	1022.25	1022.15	1022.03	1021.93	1021.86	1021.74	1021.61	1022.13
	11	1021.51	1021.43	1021.34	1021.25	1021.14	1021.00	1020.95	1020.95	1020.95	1020.96	1020.87	1020.76	1021.09
	12	1020.70	1020.66	1020.64	1020.59	1020.52	1020.44	1020.39	1020.34	1020.28	1020.22	1020.16	1020.06	1020.41
	13	1020.00	1019.98	1019.95	1019.83	1019.69	1019.70	1019.67	1019.62	1019.66	1019.73	1019.87	1019.95	1019.80
	14	1019.92	1019.84	1019.93	1020.06	1020.02	1019.85	1019.74	1019.68	1019.60	1019.56	1019.49	1019.43	1019.76
	15	1019.39	1019.34	1019.36	1019.42	1019.41	1019.37	1019.33	1019.29	1019.20	1019.08	1019.00	1019.01	1019.26
	16	1019.09	1019.14	1019.19	1019.27	1019.32	1019.47	1019.65	1019.70	1019.71	1019.77	1019.76	1019.63	1019.47
	17	1019.48	1019.30	1019.12	1019.05	1019.08	1019.07	1019.01	1019.02	1019.00	1018.99	1019.10	1019.22	1019.12
	18	1019.20	1019.09	1019.05	1019.08	1019.17	1019.17	1019.01	1018.94	1019.06	1019.09	1019.06	1019.03	1019.08
	19	1019.09	1019.07	1018.94	1018.77	1018.59	1018.40	1018.28	1018.29	1018.41	1018.64	1018.62	1018.39	1018.62
	20	1018.39	1018.45	1018.31	1018.08	1017.97	1017.95	1017.93	1018.03	1018.04	1018.06	1018.16	1018.17	1018.13
	21	1018.19	1018.20	1018.17	1018.15	1018.18	1018.18	1018.17	1018.17	1018.22	1018.31	1018.37	1018.39	1018.22
	22	1018.30	1018.23	1018.28	1018.31	1018.35	1018.36	1018.33	1018.36	1018.44	1018.51	1018.46	1018.38	1018.36
	23	1018.40	1018.47	1018.54	1018.43	1018.33	1018.31	1018.28	1018.26	1018.19	1018.14	1018.11	1018.14	1018.30

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
7	0	1018.17	1018.16	1018.12	1018.04	1018.03	1017.98	1017.78	1017.72	1017.69	1017.66	1017.58	1017.54	1017.86
	1	1017.62	1017.71	1017.72	1017.65	1017.69	1017.79	1017.85	1017.87	1017.84	1017.75	1017.70	1017.69	1017.74
	2	1017.66	1017.60	1017.60	1017.59	1017.54	1017.54	1017.56	1017.51	1017.45	1017.51	1017.52	1017.43	1017.54
	3	1017.50	1017.63	1017.63	1017.62	1017.60	1017.58	1017.51	1017.42	1017.36	1017.32	1017.31	1017.34	1017.48
	4	1017.35	1017.34	1017.32	1017.31	1017.34	1017.36	1017.38	1017.46	1017.53	1017.61	1017.70	1017.77	1017.45
	5	1017.83	1017.89	1017.94	1017.98	1017.99	1018.04	1018.15	1018.17	1018.12	1018.08	1018.06	1018.03	1018.02
	6	1017.97	1017.94	1017.93	1017.96	1018.02	1018.06	1018.10	1018.09	1018.07	1018.09	1018.14	1018.23	1018.05
	7	1018.33	1018.38	1018.39	1018.45	1018.55	1018.63	1018.68	1018.73	1018.87	1019.03	1019.09	1019.13	1018.69
	8	1019.23	1019.34	1019.43	1019.52	1019.54	1019.57	1019.61	1019.60	1019.61	1019.69	1019.72	1019.70	1019.54
	9	1019.69	1019.77	1019.89	1019.92	1019.93	1019.96	1019.97	1020.01	1020.09	1020.15	1020.13	1020.09	1019.96
	10	1020.07	1020.10	1020.13	1020.10	1020.05	1019.98	1019.89	1019.89	1019.93	1019.91	1019.89	1019.87	1019.98
	11	1019.86	1019.84	1019.78	1019.69	1019.61	1019.55	1019.50	1019.41	1019.33	1019.28	1019.23	1019.17	1019.52
	12	1019.10	1019.06	1019.04	1018.97	1018.89	1018.85	1018.84	1018.88	1019.01	1019.17	1019.28	1019.32	1019.03
	13	1019.31	1019.30	1019.30	1019.30	1019.37	1019.47	1019.55	1019.58	1019.61	1019.65	1019.66	1019.67	1019.48
	14	1019.71	1019.74	1019.76	1019.79	1019.79	1019.72	1019.70	1019.74	1019.78	1019.78	1019.76	1019.76	1019.75
	15	1019.80	1019.84	1019.85	1019.85	1019.87	1019.89	1019.91	1019.97	1020.04	1020.09	1020.14	1020.18	1019.95
	16	1020.21	1020.22	1020.22	1020.29	1020.39	1020.45	1020.48	1020.49	1020.50	1020.51	1020.54	1020.58	1020.40
	17	1020.59	1020.63	1020.68	1020.70	1020.75	1020.82	1020.89	1020.95	1021.00	1021.04	1021.05	1021.09	1020.85
	18	1021.14	1021.19	1021.26	1021.33	1021.40	1021.47	1021.51	1021.56	1021.64	1021.70	1021.76	1021.80	1021.48
	19	1021.83	1021.87	1021.91	1021.98	1022.04	1022.08	1022.10	1022.06	1022.01	1021.98	1022.02	1022.06	1021.99
	20	1022.08	1022.10	1022.11	1022.10	1022.10	1022.13	1022.15	1022.21	1022.26	1022.29	1022.30	1022.31	1022.18
	21	1022.29	1022.32	1022.39	1022.44	1022.50	1022.55	1022.57	1022.57	1022.61	1022.62	1022.59	1022.55	1022.50
	22	1022.54	1022.56	1022.58	1022.58	1022.55	1022.53	1022.52	1022.53	1022.53	1022.55	1022.62	1022.68	1022.56
	23	1022.71	1022.71	1022.76	1022.82	1022.84	1022.90	1022.95	1022.96	1023.00	1023.08	1023.18	1023.25	1022.93
8	0	1023.36	1023.37	1023.42	1023.46	1023.44	1023.37	1023.35	1023.37	1023.38	1023.39	1023.39	1023.39	1023.39
	1	1023.40	1023.40	1023.41	1023.45	1023.45	1023.42	1023.38	1023.35	1023.37	1023.41	1023.40	1023.42	1023.40
	2	1023.46	1023.41	1023.38	1023.39	1023.34	1023.28	1023.27	1023.32	1023.36	1023.38	1023.32	1023.28	1023.35
	3	1023.22	1023.17	1023.15	1023.11	1023.06	1023.00	1022.92	1022.83	1022.83	1022.84	1022.83	1022.85	1022.98
	4	1022.85	1022.86	1022.93	1023.00	1023.02	1023.00	1022.98	1022.98	1023.03	1023.09	1023.12	1023.11	1023.00
	5	1023.12	1023.20	1023.28	1023.35	1023.40	1023.45	1023.48	1023.52	1023.62	1023.76	1023.86	1023.89	1023.49
	6	1023.93	1023.94	1023.93	1023.98	1024.03	1024.07	1024.11	1024.08	1024.08	1024.17	1024.28	1024.36	1024.08
	7	1024.38	1024.42	1024.44	1024.47	1024.54	1024.57	1024.63	1024.68	1024.69	1024.75	1024.80	1024.87	1024.60
	8	1024.88	1024.83	1024.84	1024.89	1024.91	1024.87	1024.81	1024.76	1024.74	1024.72	1024.69	1024.70	1024.80
	9	1024.80	1024.86	1024.87	1024.93	1024.98	1024.98	1024.93	1024.90	1024.86	1024.78	1024.73	1024.71	1024.86
	10	1024.68	1024.64	1024.62	1024.62	1024.64	1024.59	1024.49	1024.44	1024.45	1024.52	1024.55	1024.50	1024.56
	11	1024.45	1024.39	1024.30	1024.22	1024.13	1024.06	1023.98	1023.91	1023.85	1023.78	1023.69	1023.60	1024.03
	12	1023.54	1023.52	1023.50	1023.46	1023.40	1023.36	1023.31	1023.25	1023.21	1023.22	1023.26	1023.29	1023.36
	13	1023.32	1023.30	1023.22	1023.18	1023.15	1023.12	1023.10	1023.07	1023.05	1023.06	1023.08	1023.09	1023.14
	14	1023.10	1023.07	1023.06	1023.08	1023.10	1023.13	1023.09	1023.02	1022.97	1022.93	1022.91	1022.92	1023.03
	15	1022.96	1022.99	1023.00	1022.93	1022.90	1022.90	1022.88	1022.88	1022.87	1022.85	1022.87	1022.91	1022.91
	16	1022.93	1022.93	1022.94	1022.92	1022.87	1022.83	1022.79	1022.77	1022.76	1022.77	1022.77	1022.76	1022.83
	17	1022.73	1022.68	1022.68	1022.71	1022.75	1022.77	1022.78	1022.74	1022.71	1022.71	1022.67	1022.59	1022.71
	18	1022.53	1022.53	1022.52	1022.44	1022.36	1022.39	1022.45	1022.55	1022.62	1022.59	1022.60	1022.68	1022.52
	19	1022.75	1022.78	1022.77	1022.76	1022.77	1022.80	1022.76	1022.68	1022.61	1022.54	1022.50	1022.49	1022.68
	20	1022.54	1022.62	1022.62	1022.59	1022.62	1022.66	1022.64	1022.63	1022.65	1022.64	1022.65	1022.68	1022.63
	21	1022.71	1022.69	1022.65	1022.67	1022.70	1022.68	1022.68	1022.69	1022.68	1022.65	1022.66	1022.69	1022.68
	22	1022.72	1022.72	1022.64	1022.57	1022.49	1022.40	1022.38	1022.34	1022.22	1022.14	1022.07	1022.00	1022.39
	23	1021.97	1021.93	1021.91	1021.89	1021.82	1021.76	1021.77	1021.77	1021.77	1021.77	1021.74	1021.70	1021.81

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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
9	0	1021.62	1021.62	1021.61	1021.54	1021.46	1021.40	1021.39	1021.46	1021.51	1021.53	1021.56	1021.58	1021.52
	1	1021.63	1021.70	1021.74	1021.76	1021.81	1021.84	1021.85	1021.86	1021.86	1021.83	1021.80	1021.76	1021.78
	2	1021.73	1021.68	1021.61	1021.59	1021.58	1021.54	1021.50	1021.50	1021.48	1021.46	1021.44	1021.37	1021.54
	3	1021.30	1021.27	1021.25	1021.21	1021.15	1021.10	1021.08	1021.07	1021.05	1021.01	1020.97	1020.92	1021.11
	4	1020.85	1020.77	1020.73	1020.72	1020.74	1020.77	1020.75	1020.81	1020.91	1020.93	1020.93	1020.93	1020.82
	5	1020.91	1020.90	1020.89	1020.93	1021.00	1021.02	1021.02	1021.03	1021.06	1021.10	1021.12	1021.11	1021.01
	6	1021.10	1021.14	1021.12	1021.12	1021.16	1021.18	1021.22	1021.26	1021.29	1021.31	1021.32	1021.34	1021.21
	7	1021.36	1021.39	1021.42	1021.45	1021.49	1021.52	1021.57	1021.59	1021.57	1021.56	1021.55	1021.58	1021.50
	8	1021.60	1021.63	1021.64	1021.65	1021.69	1021.70	1021.73	1021.75	1021.75	1021.78	1021.84	1021.90	1021.72
	9	1021.96	1022.01	1022.01	1021.99	1021.97	1021.99	1022.03	1022.02	1022.01	1022.01	1021.99	1021.95	1021.99
	10	1021.92	1021.89	1021.85	1021.81	1021.77	1021.75	1021.72	1021.69	1021.66	1021.65	1021.63	1021.56	1021.74
	11	1021.49	1021.42	1021.34	1021.28	1021.22	1021.12	1021.03	1020.96	1020.89	1020.84	1020.81	1020.78	1021.10
	12	1020.71	1020.63	1020.56	1020.51	1020.46	1020.39	1020.36	1020.36	1020.35	1020.35	1020.33	1020.30	1020.44
	13	1020.30	1020.30	1020.31	1020.33	1020.33	1020.33	1020.33	1020.32	1020.30	1020.29	1020.27	1020.24	1020.30
	14	1020.21	1020.21	1020.25	1020.30	1020.33	1020.36	1020.39	1020.38	1020.35	1020.36	1020.35	1020.35	1020.32
	15	1020.37	1020.39	1020.39	1020.36	1020.32	1020.28	1020.24	1020.22	1020.17	1020.13	1020.09	1020.04	1020.25
	16	1020.02	1020.05	1020.06	1020.05	1020.06	1020.05	1020.04	1020.04	1020.04	1020.06	1020.09	1020.11	1020.05
	17	1020.13	1020.14	1020.10	1020.07	1020.06	1020.07	1020.06	1020.03	1020.02	1020.04	1020.06	1020.07	1020.07
	18	1020.07	1020.08	1020.07	1020.04	1020.02	1020.02	1020.02	1020.00	1019.97	1020.01	1020.07	1020.08	1020.04
	19	1020.05	1020.03	1020.03	1020.04	1020.02	1019.98	1019.94	1019.90	1019.88	1019.89	1019.87	1019.85	1019.95
	20	1019.81	1019.77	1019.75	1019.70	1019.67	1019.62	1019.56	1019.53	1019.51	1019.48	1019.46	1019.46	1019.61
	21	1019.47	1019.51	1019.55	1019.57	1019.57	1019.58	1019.58	1019.53	1019.49	1019.48	1019.40	1019.32	1019.50
	22	1019.27	1019.21	1019.22	1019.22	1019.12	1019.04	1018.99	1018.94	1018.88	1018.80	1018.75	1018.71	1019.01
	23	1018.66	1018.61	1018.50	1018.43	1018.38	1018.33	1018.31	1018.30	1018.26	1018.17	1018.11	1018.03	1018.34
10	0	1017.90	1017.87	1017.84	1017.80	1017.75	1017.75	1017.75	1017.73	1017.74	1017.78	1017.82	1017.81	1017.79
	1	1017.79	1017.80	1017.77	1017.76	1017.73	1017.67	1017.62	1017.57	1017.52	1017.49	1017.46	1017.37	1017.63
	2	1017.28	1017.21	1017.12	1017.04	1016.97	1016.90	1016.79	1016.68	1016.60	1016.51	1016.43	1016.38	1016.82
	3	1016.30	1016.22	1016.13	1016.04	1015.97	1015.92	1015.88	1015.77	1015.65	1015.61	1015.60	1015.53	1015.88
	4	1015.48	1015.46	1015.42	1015.37	1015.35	1015.37	1015.35	1015.28	1015.17	1015.11	1015.10	1015.07	1015.29
	5	1015.00	1014.94	1014.84	1014.77	1014.74	1014.69	1014.65	1014.61	1014.58	1014.55	1014.46	1014.35	1014.68
	6	1014.33	1014.34	1014.32	1014.34	1014.36	1014.33	1014.28	1014.22	1014.16	1014.09	1014.03	1014.02	1014.23
	7	1013.98	1013.95	1013.96	1013.98	1014.02	1014.07	1014.09	1014.13	1014.18	1014.20	1014.22	1014.24	1014.08
	8	1014.18	1014.13	1014.09	1014.03	1014.01	1013.98	1013.90	1013.83	1013.78	1013.69	1013.56	1013.43	1013.88
	9	1013.36	1013.30	1013.25	1013.24	1013.29	1013.33	1013.32	1013.28	1013.20	1013.12	1013.04	1012.93	1013.22
	10	1012.85	1012.80	1012.77	1012.68	1012.56	1012.49	1012.43	1012.32	1012.16	1012.04	1011.93	1011.84	1012.40
	11	1011.74	1011.69	1011.68	1011.60	1011.49	1011.37	1011.22	1011.09	1011.01	1010.94	1010.84	1010.73	1011.28
	12	1010.69	1010.68	1010.68	1010.68	1010.67	1010.63	1010.58	1010.52	1010.46	1010.43	1010.41	1010.38	1010.56
	13	1010.37	1010.33	1010.30	1010.25	1010.16	1010.08	1010.06	1010.03	1010.02	1010.04	1010.08	1010.11	1010.15
	14	1010.07	1009.95	1009.79	1009.64	1009.56	1009.53	1009.52	1009.51	1009.48	1009.47	1009.47	1009.44	1009.62
	15	1009.41	1009.40	1009.46	1009.52	1009.50	1009.45	1009.35	1009.24	1009.19	1009.17	1009.16	1009.14	1009.33
	16	1009.10	1009.13	1009.16	1009.12	1009.06	1009.05	1009.10	1009.16	1009.16	1009.12	1009.10	1009.06	1009.11
	17	1009.05	1009.06	1009.07	1009.09	1009.09	1009.09	1009.10	1009.14	1009.16	1009.14	1009.17	1009.21	1009.11
	18	1009.24	1009.27	1009.31	1009.32	1009.29	1009.31	1009.36	1009.39	1009.41	1009.43	1009.44	1009.44	1009.35
	19	1009.40	1009.34	1009.32	1009.32	1009.30	1009.26	1009.24	1009.29	1009.37	1009.42	1009.46	1009.49	1009.35
	20	1009.53	1009.58	1009.61	1009.64	1009.68	1009.69	1009.67	1009.68	1009.71	1009.73	1009.76	1009.80	1009.67
	21	1009.81	1009.80	1009.82	1009.82	1009.82	1009.83	1009.81	1009.79	1009.83	1009.91	1009.99	1010.08	1009.86
	22	1010.15	1010.18	1010.18	1010.18	1010.16	1010.16	1010.16	1010.13	1010.10	1010.08	1010.07	1010.03	1010.13
	23	1009.98	1010.01	1010.06	1010.08	1010.04	1010.02	1010.09	1010.17	1010.18	1010.15	1010.13	1010.12	1010.08



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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1010.07	1010.06	1010.00	1009.94	1009.93	1009.91	1009.89	1009.94	1009.97	1009.97	1010.00	1010.05	1009.97
	1	1010.08	1010.09	1010.12	1010.16	1010.19	1010.21	1010.20	1010.16	1010.14	1010.09	1010.04	1010.05	1010.13
	2	1010.07	1010.08	1010.06	1009.97	1009.87	1009.84	1009.82	1009.83	1009.88	1009.87	1009.80	1009.66	1009.89
	3	1009.52	1009.42	1009.36	1009.29	1009.24	1009.20	1009.19	1009.18	1009.13	1009.18	1009.23	1009.20	1009.26
	4	1009.14	1009.10	1009.04	1009.04	1009.09	1009.14	1009.18	1009.15	1009.12	1009.09	1009.04	1009.03	1009.09
	5	1009.03	1008.97	1008.93	1008.98	1009.07	1009.07	1009.07	1009.05	1009.04	1009.06	1009.16	1009.35	1009.06
	6	1009.42	1009.36	1009.30	1009.30	1009.31	1009.32	1009.35	1009.36	1009.38	1009.38	1009.32	1009.30	1009.34
	7	1009.37	1009.50	1009.53	1009.43	1009.41	1009.41	1009.44	1009.40	1009.24	1009.19	1009.15	1008.97	1009.33
	8	1008.80	1008.66	1008.66	1008.70	1008.69	1008.75	1008.72	1008.63	1008.59	1008.54	1008.52	1008.56	1008.65
	9	1008.58	1008.55	1008.55	1008.60	1008.64	1008.62	1008.59	1008.57	1008.51	1008.46	1008.42	1008.45	1008.54
	10	1008.47	1008.42	1008.33	1008.20	1007.98	1007.78	1007.66	1007.51	1007.35	1007.18	1007.03	1006.96	1007.74
	11	1006.89	1006.75	1006.57	1006.28	1006.09	1006.06	1005.95	1005.83	1005.73	1005.61	1005.49	1005.39	1006.05
	12	1005.27	1005.19	1005.13	1004.99	1004.81	1004.64	1004.56	1004.49	1004.38	1004.27	1004.13	1004.03	1004.65
	13	1003.95	1003.94	1003.97	1003.91	1003.87	1003.90	1003.96	1004.03	1004.06	1004.08	1004.14	1004.17	1004.00
	14	1004.16	1004.17	1004.24	1004.29	1004.29	1004.28	1004.32	1004.40	1004.55	1004.70	1004.73	1004.72	1004.40
	15	1004.68	1004.65	1004.63	1004.61	1004.62	1004.61	1004.61	1004.61	1004.58	1004.63	1004.72	1004.77	1004.64
	16	1004.80	1004.85	1004.98	1005.13	1005.28	1005.41	1005.52	1005.59	1005.64	1005.73	1005.82	1005.92	1005.39
	17	1006.05	1006.11	1006.12	1006.15	1006.20	1006.20	1006.18	1006.17	1006.22	1006.32	1006.42	1006.44	1006.21
	18	1006.50	1006.60	1006.66	1006.69	1006.72	1006.73	1006.72	1006.77	1006.85	1006.97	1007.10	1007.18	1006.79
	19	1007.22	1007.23	1007.27	1007.34	1007.39	1007.45	1007.57	1007.66	1007.71	1007.76	1007.84	1007.92	1007.53
	20	1008.03	1008.12	1008.17	1008.22	1008.25	1008.27	1008.30	1008.39	1008.54	1008.68	1008.74	1008.76	1008.37
	21	1008.76	1008.83	1009.01	1009.18	1009.24	1009.25	1009.26	1009.32	1009.38	1009.40	1009.44	1009.42	1009.21
	22	1009.30	1009.24	1009.34	1009.47	1009.55	1009.62	1009.67	1009.73	1009.77	1009.83	1009.87	1009.88	1009.60
	23	1009.89	1009.92	1009.95	1010.01	1010.08	1010.14	1010.19	1010.22	1010.22	1010.18	1010.21	1010.33	1010.11
12	0	1010.45	1010.46	1010.47	1010.51	1010.56	1010.57	1010.57	1010.54	1010.58	1010.75	1010.89	1010.99	1010.62
	1	1011.03	1011.07	1011.17	1011.26	1011.29	1011.35	1011.44	1011.47	1011.44	1011.44	1011.49	1011.57	1011.33
	2	1011.60	1011.65	1011.71	1011.74	1011.79	1011.78	1011.72	1011.73	1011.76	1011.76	1011.78	1011.84	1011.74
	3	1011.88	1011.88	1011.84	1011.82	1011.81	1011.82	1011.93	1012.02	1012.08	1012.14	1012.14	1012.13	1011.96
	4	1012.13	1012.14	1012.16	1012.17	1012.18	1012.24	1012.32	1012.34	1012.32	1012.37	1012.46	1012.49	1012.27
	5	1012.49	1012.50	1012.52	1012.58	1012.67	1012.74	1012.80	1012.87	1012.94	1013.03	1013.18	1013.27	1012.80
	6	1013.30	1013.34	1013.40	1013.47	1013.52	1013.58	1013.65	1013.67	1013.70	1013.75	1013.79	1013.84	1013.58
	7	1013.86	1013.90	1013.98	1014.05	1014.11	1014.19	1014.25	1014.31	1014.39	1014.45	1014.51	1014.60	1014.21
	8	1014.65	1014.65	1014.70	1014.77	1014.80	1014.83	1014.87	1014.86	1014.87	1014.92	1014.99	1015.03	1014.83
	9	1015.06	1015.09	1015.07	1015.00	1015.01	1015.11	1015.16	1015.20	1015.23	1015.21	1015.17	1015.17	1015.12
	10	1015.17	1015.13	1015.09	1015.08	1015.06	1015.04	1015.01	1014.97	1014.96	1014.99	1015.03	1015.03	1015.04
	11	1014.95	1014.77	1014.63	1014.57	1014.51	1014.46	1014.42	1014.37	1014.30	1014.22	1014.18	1014.17	1014.46
	12	1014.15	1014.10	1014.03	1014.02	1014.06	1014.06	1014.06	1014.07	1014.06	1014.06	1014.06	1014.07	1014.07
	13	1014.10	1014.12	1014.11	1014.11	1014.12	1014.14	1014.19	1014.26	1014.29	1014.29	1014.30	1014.34	1014.20
	14	1014.37	1014.37	1014.34	1014.33	1014.39	1014.45	1014.46	1014.44	1014.41	1014.41	1014.41	1014.42	1014.40
	15	1014.44	1014.40	1014.37	1014.38	1014.42	1014.43	1014.43	1014.46	1014.51	1014.54	1014.56	1014.57	1014.46
	16	1014.57	1014.59	1014.62	1014.67	1014.73	1014.75	1014.75	1014.76	1014.78	1014.82	1014.83	1014.82	1014.72
	17	1014.80	1014.77	1014.74	1014.74	1014.73	1014.70	1014.70	1014.72	1014.77	1014.82	1014.83	1014.84	1014.76
	18	1014.84	1014.85	1014.87	1014.88	1014.87	1014.86	1014.87	1014.92	1014.96	1014.94	1014.94	1014.99	1014.90
	19	1015.00	1015.02	1015.05	1015.07	1015.09	1015.09	1015.08	1015.08	1015.10	1015.14	1015.15	1015.15	1015.08
	20	1015.11	1015.13	1015.22	1015.26	1015.26	1015.27	1015.27	1015.26	1015.28	1015.33	1015.38	1015.45	1015.27
	21	1015.48	1015.47	1015.48	1015.51	1015.53	1015.56	1015.58	1015.61	1015.69	1015.71	1015.70	1015.67	1015.58
	22	1015.62	1015.54	1015.45	1015.46	1015.47	1015.44	1015.43	1015.41	1015.34	1015.28	1015.27	1015.29	1015.41
	23	1015.29	1015.24	1015.20	1015.16	1015.15	1015.13	1015.05	1014.96	1014.91	1014.89	1014.86	1014.81	1015.05

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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
13	0	1014.81	1014.80	1014.76	1014.73	1014.71	1014.71	1014.74	1014.74	1014.73	1014.73	1014.76	1014.77	1014.74
	1	1014.75	1014.68	1014.58	1014.47	1014.39	1014.32	1014.27	1014.27	1014.26	1014.25	1014.25	1014.27	1014.40
	2	1014.31	1014.38	1014.38	1014.30	1014.22	1014.20	1014.18	1014.08	1013.98	1013.98	1014.04	1014.06	1014.17
	3	1013.92	1013.69	1013.56	1013.47	1013.34	1013.19	1013.09	1013.01	1012.90	1012.87	1012.87	1012.84	1013.23
	4	1012.79	1012.85	1012.90	1012.76	1012.59	1012.52	1012.54	1012.52	1012.47	1012.49	1012.53	1012.61	1012.63
	5	1012.64	1012.60	1012.52	1012.35	1012.33	1012.42	1012.42	1012.43	1012.41	1012.41	1012.40	1012.39	1012.44
	6	1012.35	1012.29	1012.29	1012.31	1012.29	1012.24	1012.21	1012.17	1012.16	1012.24	1012.31	1012.30	1012.26
	7	1012.26	1012.22	1012.21	1012.27	1012.33	1012.36	1012.38	1012.32	1012.12	1011.94	1011.84	1011.88	1012.18
	8	1011.99	1011.98	1011.91	1011.84	1011.77	1011.72	1011.68	1011.65	1011.56	1011.47	1011.42	1011.37	1011.69
	9	1011.39	1011.48	1011.57	1011.63	1011.69	1011.69	1011.61	1011.48	1011.38	1011.32	1011.24	1011.20	1011.47
	10	1011.15	1011.10	1011.16	1011.24	1011.30	1011.28	1011.08	1010.93	1010.82	1010.66	1010.50	1010.33	1010.96
	11	1010.24	1010.19	1010.07	1009.94	1009.81	1009.67	1009.49	1009.34	1009.24	1009.15	1009.07	1008.99	1009.60
	12	1008.91	1008.84	1008.74	1008.58	1008.43	1008.34	1008.28	1008.17	1008.00	1007.87	1007.87	1007.95	1008.33
	13	1007.94	1007.85	1007.85	1007.82	1007.75	1007.90	1008.12	1008.14	1008.16	1008.22	1008.25	1008.25	1008.02
	14	1008.20	1008.20	1008.24	1008.27	1008.26	1008.25	1008.29	1008.29	1008.31	1008.29	1008.26	1008.22	1008.25
	15	1008.13	1008.07	1008.09	1008.11	1008.07	1008.07	1008.11	1008.05	1007.97	1007.95	1007.93	1007.87	1008.03
	16	1007.77	1007.69	1007.67	1007.69	1007.63	1007.54	1007.50	1007.45	1007.43	1007.43	1007.47	1007.41	1007.55
	17	1007.30	1007.22	1007.15	1007.09	1007.08	1007.14	1007.16	1007.22	1007.27	1007.22	1007.17	1007.18	1007.18
	18	1007.19	1007.13	1007.05	1006.99	1006.93	1006.96	1006.92	1006.82	1006.81	1006.74	1006.67	1006.56	1006.90
	19	1006.43	1006.35	1006.30	1006.43	1006.43	1006.35	1006.54	1006.64	1006.90	1007.14	1007.06	1007.19	1006.64
	20	1007.34	1007.37	1007.27	1007.09	1006.97	1006.91	1006.85	1006.70	1006.59	1006.55	1006.49	1006.42	1006.88
	21	1006.46	1006.51	1006.50	1006.59	1006.68	1006.73	1006.78	1006.75	1006.71	1006.74	1006.78	1006.73	1006.66
	22	1006.69	1006.63	1006.56	1006.51	1006.42	1006.27	1006.21	1006.34	1006.43	1006.42	1006.32	1006.21	1006.42
	23	1006.18	1006.21	1006.27	1006.31	1006.36	1006.43	1006.44	1006.46	1006.53	1006.53	1006.40	1006.30	1006.37
14	0	1006.20	1006.18	1006.13	1006.00	1005.86	1005.80	1005.77	1005.70	1005.68	1005.77	1005.87	1005.91	1005.89
	1	1005.90	1005.94	1005.96	1005.96	1005.93	1005.84	1005.77	1005.69	1005.56	1005.46	1005.55	1005.51	1005.75
	2	1005.48	1005.53	1005.48	1005.45	1005.46	1005.56	1005.65	1005.64	1005.61	1005.57	1005.50	1005.44	1005.53
	3	1005.39	1005.37	1005.36	1005.38	1005.39	1005.37	1005.34	1005.32	1005.37	1005.47	1005.53	1005.48	1005.39
	4	1005.43	1005.39	1005.30	1005.23	1005.19	1005.21	1005.21	1005.20	1005.19	1005.21	1005.24	1005.18	1005.25
	5	1005.13	1005.19	1005.28	1005.37	1005.47	1005.51	1005.50	1005.54	1005.62	1005.69	1005.71	1005.76	1005.48
	6	1005.88	1005.97	1006.04	1006.07	1006.07	1006.11	1006.13	1006.07	1006.04	1006.06	1006.09	1006.15	1006.05
	7	1006.21	1006.25	1006.31	1006.35	1006.39	1006.45	1006.53	1006.62	1006.65	1006.65	1006.69	1006.75	1006.48
	8	1006.78	1006.77	1006.76	1006.77	1006.81	1006.86	1006.90	1006.91	1006.93	1006.95	1006.94	1006.98	1006.86
	9	1007.03	1007.09	1007.17	1007.23	1007.30	1007.39	1007.48	1007.53	1007.59	1007.64	1007.64	1007.63	1007.39
	10	1007.63	1007.65	1007.68	1007.71	1007.75	1007.71	1007.65	1007.57	1007.50	1007.48	1007.48	1007.47	1007.60
	11	1007.45	1007.40	1007.39	1007.36	1007.31	1007.25	1007.24	1007.27	1007.26	1007.24	1007.23	1007.19	1007.30
	12	1007.11	1007.05	1007.05	1007.05	1007.06	1007.11	1007.14	1007.18	1007.18	1007.16	1007.18	1007.26	1007.13
	13	1007.36	1007.41	1007.45	1007.48	1007.52	1007.58	1007.63	1007.67	1007.71	1007.77	1007.82	1007.86	1007.60
	14	1007.90	1007.93	1007.96	1008.01	1008.06	1008.10	1008.12	1008.16	1008.20	1008.23	1008.25	1008.30	1008.10
	15	1008.34	1008.36	1008.39	1008.44	1008.48	1008.51	1008.56	1008.59	1008.64	1008.69	1008.68	1008.66	1008.53
	16	1008.68	1008.72	1008.76	1008.81	1008.90	1008.99	1009.07	1009.15	1009.22	1009.27	1009.33	1009.43	1009.02
	17	1009.51	1009.58	1009.64	1009.70	1009.76	1009.80	1009.83	1009.87	1009.89	1009.95	1010.02	1010.07	1009.80
	18	1010.13	1010.18	1010.20	1010.23	1010.28	1010.32	1010.35	1010.41	1010.46	1010.50	1010.57	1010.62	1010.35
	19	1010.63	1010.64	1010.65	1010.66	1010.66	1010.67	1010.70	1010.76	1010.79	1010.82	1010.81	1010.80	1010.71
	20	1010.85	1010.88	1010.89	1010.93	1010.97	1010.99	1011.02	1011.04	1011.05	1011.06	1011.10	1011.16	1010.99
	21	1011.22	1011.28	1011.33	1011.39	1011.39	1011.36	1011.33	1011.34	1011.37	1011.41	1011.46	1011.50	1011.36
	22	1011.51	1011.54	1011.57	1011.60	1011.61	1011.61	1011.61	1011.60	1011.59	1011.58	1011.57	1011.58	1011.58
	23	1011.59	1011.62	1011.62	1011.57	1011.56	1011.58	1011.60	1011.58	1011.54	1011.49	1011.47	1011.45	1011.55

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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	1011.44	1011.42	1011.40	1011.39	1011.37	1011.37	1011.40	1011.42	1011.45	1011.49	1011.54	1011.56	1011.44
	1	1011.57	1011.60	1011.64	1011.66	1011.69	1011.70	1011.72	1011.75	1011.76	1011.74	1011.68	1011.63	1011.68
	2	1011.57	1011.54	1011.49	1011.42	1011.36	1011.32	1011.29	1011.26	1011.22	1011.16	1011.05	1010.97	1011.30
	3	1010.96	1010.95	1010.94	1010.91	1010.84	1010.77	1010.68	1010.62	1010.61	1010.60	1010.60	1010.61	1010.75
	4	1010.62	1010.60	1010.57	1010.57	1010.54	1010.51	1010.50	1010.47	1010.45	1010.47	1010.47	1010.54	1010.52
	5	1010.63	1010.66	1010.72	1010.80	1010.85	1010.92	1010.95	1010.92	1010.89	1010.88	1010.85	1010.89	1010.83
	6	1010.96	1011.00	1011.00	1011.01	1011.02	1010.99	1010.95	1010.93	1010.90	1010.88	1010.88	1010.90	1010.95
	7	1010.94	1010.95	1010.92	1010.91	1010.92	1010.91	1010.88	1010.87	1010.86	1010.86	1010.89	1010.91	1010.90
	8	1010.92	1010.90	1010.88	1010.86	1010.82	1010.77	1010.73	1010.73	1010.72	1010.72	1010.71	1010.69	1010.78
	9	1010.64	1010.59	1010.59	1010.58	1010.53	1010.47	1010.44	1010.38	1010.32	1010.26	1010.19	1010.12	1010.42
	10	1010.01	1009.86	1009.69	1009.51	1009.37	1009.27	1009.20	1009.16	1009.08	1008.96	1008.88	1008.81	1009.31
	11	1008.71	1008.60	1008.52	1008.44	1008.36	1008.22	1008.09	1008.05	1008.00	1007.95	1007.89	1007.79	1008.22
	12	1007.69	1007.60	1007.53	1007.47	1007.36	1007.28	1007.24	1007.19	1007.12	1007.02	1006.90	1006.86	1007.27
	13	1006.86	1006.81	1006.71	1006.61	1006.58	1006.56	1006.49	1006.44	1006.42	1006.42	1006.45	1006.45	1006.56
	14	1006.43	1006.45	1006.46	1006.40	1006.37	1006.37	1006.33	1006.28	1006.24	1006.21	1006.15	1006.12	1006.31
	15	1006.14	1006.12	1006.10	1006.13	1006.10	1005.97	1005.87	1005.86	1005.90	1005.92	1005.88	1005.81	1005.98
	16	1005.74	1005.74	1005.83	1005.93	1005.96	1005.88	1005.76	1005.64	1005.57	1005.49	1005.39	1005.33	1005.69
	17	1005.28	1005.23	1005.14	1005.07	1005.08	1005.08	1005.05	1005.01	1004.95	1004.90	1004.89	1004.89	1005.05
	18	1004.85	1004.78	1004.73	1004.71	1004.68	1004.65	1004.58	1004.50	1004.45	1004.39	1004.34	1004.28	1004.58
	19	1004.22	1004.17	1004.15	1004.15	1004.09	1003.98	1003.83	1003.69	1003.59	1003.49	1003.39	1003.35	1003.84
	20	1003.32	1003.21	1003.09	1003.04	1002.96	1002.85	1002.80	1002.80	1002.75	1002.66	1002.57	1002.45	1002.87
	21	1002.32	1002.19	1002.10	1001.99	1001.87	1001.80	1001.77	1001.80	1001.81	1001.76	1001.63	1001.54	1001.88
	22	1001.38	1001.17	1001.09	1001.00	1000.80	1000.61	1000.51	1000.46	1000.42	1000.31	1000.20	1000.14	1000.67
	23	1000.08	1000.00	999.93	999.82	999.63	999.39	999.19	999.06	998.94	998.84	998.77	998.75	999.36
16	0	998.61	998.53	998.41	998.31	998.17	998.10	998.08	997.98	997.82	997.70	997.64	997.62	998.05
	1	997.79	997.99	997.98	997.93	997.99	998.04	997.95	997.94	998.06	998.12	998.15	998.15	998.01
	2	998.11	998.12	998.15	998.08	997.96	997.82	997.73	997.61	997.44	997.28	997.10	997.00	997.70
	3	996.96	996.92	996.89	996.89	996.86	996.87	996.88	996.80	996.72	996.69	996.71	996.71	996.82
	4	996.59	996.55	996.52	996.40	996.30	996.24	996.17	996.06	995.96	995.91	995.89	995.85	996.20
	5	995.79	995.81	995.81	995.79	995.86	995.93	996.09	996.23	996.24	996.10	995.97	996.12	995.98
	6	996.22	996.13	996.13	996.24	996.30	996.40	996.50	996.45	996.23	996.04	995.96	996.03	996.22
	7	996.23	996.30	996.34	996.38	996.37	996.43	996.56	996.75	996.94	997.08	997.13	997.15	996.64
	8	997.19	997.25	997.37	997.42	997.43	997.47	997.46	997.32	997.17	997.11	997.13	997.14	997.29
	9	997.09	997.05	997.04	996.97	996.99	997.07	997.03	996.97	996.84	996.75	996.78	996.71	996.94
	10	996.67	996.77	996.77	996.72	996.74	996.67	996.49	996.28	996.15	996.07	995.99	995.89	996.43
	11	995.83	995.80	995.76	995.74	995.74	995.67	995.60	995.55	995.54	995.61	995.69	995.68	995.68
	12	995.61	995.65	995.70	995.70	995.63	995.47	995.52	995.63	995.68	995.84	995.89	995.82	995.68
	13	995.74	995.64	995.63	995.74	995.80	995.78	995.83	995.99	996.22	996.28	996.01	995.88	995.88
	14	995.95	996.06	996.18	996.25	996.24	996.28	996.48	996.57	996.64	996.74	996.70	996.64	996.39
	15	996.65	996.71	996.78	996.85	996.90	997.04	997.16	997.26	997.43	997.60	997.75	997.93	997.17
	16	997.94	997.77	997.70	997.71	997.77	997.76	997.73	997.76	997.80	997.85	997.94	997.99	997.81
	17	997.98	997.98	998.00	998.03	998.09	998.14	998.18	998.25	998.19	998.09	998.03	997.96	998.07
	18	997.93	997.95	997.97	997.95	997.96	997.93	997.90	997.94	998.02	998.08	998.08	998.08	997.98
	19	998.10	998.08	998.08	998.12	998.08	998.02	998.05	998.03	997.91	997.85	997.81	997.72	997.98
	20	997.62	997.55	997.54	997.54	997.47	997.40	997.33	997.26	997.22	997.19	997.13	997.04	997.35
	21	996.99	996.93	996.86	996.84	996.83	996.76	996.70	996.64	996.63	996.67	996.67	996.61	996.76
	22	996.58	996.57	996.53	996.47	996.42	996.36	996.28	996.26	996.29	996.26	996.20	996.14	996.36
	23	996.08	996.07	996.04	996.00	996.00	995.97	995.89	995.80	995.76	995.78	995.76	995.70	995.90

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
17	0	995.61	995.58	995.47	995.38	995.33	995.27	995.26	995.26	995.26	995.28	995.27	995.23	995.34
	1	995.15	995.09	995.05	995.00	994.96	994.94	994.96	994.96	994.91	994.86	994.79	994.72	994.95
	2	994.71	994.67	994.61	994.56	994.50	994.47	994.45	994.38	994.29	994.21	994.11	994.04	994.41
	3	993.97	993.85	993.77	993.72	993.69	993.62	993.54	993.51	993.49	993.46	993.39	993.34	993.61
	4	993.38	993.43	993.42	993.38	993.33	993.32	993.34	993.38	993.42	993.48	993.53	993.58	993.41
	5	993.63	993.71	993.79	993.81	993.80	993.82	993.90	993.92	993.91	993.87	993.84	993.87	993.82
	6	993.87	993.83	993.82	993.83	993.85	993.90	993.96	994.01	994.04	994.06	994.08	994.13	993.94
	7	994.23	994.30	994.37	994.45	994.50	994.52	994.54	994.59	994.67	994.67	994.52	994.37	994.47
	8	994.34	994.35	994.38	994.46	994.51	994.51	994.49	994.51	994.53	994.53	994.54	994.52	994.47
	9	994.45	994.36	994.28	994.25	994.21	994.16	994.10	994.02	993.93	993.87	993.81	993.77	994.10
	10	993.78	993.80	993.80	993.66	993.51	993.47	993.43	993.38	993.35	993.31	993.24	993.14	993.49
	11	993.03	992.92	992.80	992.74	992.71	992.64	992.53	992.44	992.38	992.32	992.21	992.07	992.56
	12	991.95	991.86	991.79	991.70	991.60	991.57	991.55	991.45	991.32	991.20	991.09	990.98	991.50
	13	990.90	990.82	990.77	990.73	990.71	990.69	990.68	990.67	990.65	990.64	990.63	990.64	990.71
	14	990.62	990.64	990.72	990.82	990.90	991.01	991.17	991.27	991.34	991.40	991.48	991.59	991.08
	15	991.73	991.84	991.84	991.90	991.94	991.88	991.86	991.78	991.71	991.73	991.85	992.03	991.84
	16	992.21	992.36	992.38	992.33	992.28	992.24	992.18	992.11	992.09	992.08	992.04	992.16	992.20
	17	992.29	992.27	992.26	992.33	992.42	992.47	992.54	992.61	992.68	992.70	992.68	992.73	992.50
	18	992.85	992.97	992.95	992.80	992.64	992.51	992.44	992.40	992.33	992.29	992.21	992.19	992.55
	19	992.27	992.31	992.28	992.26	992.33	992.44	992.49	992.55	992.60	992.58	992.55	992.62	992.44
	20	992.71	992.63	992.55	992.69	992.87	992.92	992.90	992.85	992.79	992.77	992.79	992.87	992.77
	21	992.95	992.99	992.98	992.93	992.90	992.93	993.00	993.02	993.09	993.20	993.21	993.18	993.03
	22	993.11	993.04	992.96	992.88	992.85	992.86	992.89	992.90	992.93	992.98	993.03	993.06	992.96
	23	993.08	993.09	993.07	993.07	993.08	993.09	993.12	993.17	993.20	993.20	993.20	993.23	993.13
18	0	993.28	993.31	993.35	993.37	993.38	993.42	993.48	993.55	993.61	993.63	993.63	993.67	993.48
	1	993.73	993.78	993.82	993.87	993.89	993.87	993.82	993.75	993.69	993.66	993.64	993.65	993.76
	2	993.68	993.71	993.74	993.77	993.80	993.83	993.85	993.84	993.83	993.84	993.86	993.88	993.80
	3	993.91	993.93	993.98	994.00	993.97	993.94	993.92	993.91	993.94	993.97	994.00	994.09	993.96
	4	994.15	994.16	994.15	994.15	994.18	994.18	994.16	994.21	994.36	994.51	994.58	994.65	994.28
	5	994.73	994.77	994.78	994.75	994.71	994.68	994.64	994.60	994.54	994.50	994.52	994.52	994.64
	6	994.54	994.74	994.92	994.89	994.85	994.87	994.89	994.90	995.00	995.12	995.18	995.29	994.93
	7	995.35	995.31	995.36	995.40	995.40	995.48	995.58	995.64	995.72	995.84	995.95	996.02	995.59
	8	996.09	996.14	996.17	996.20	996.21	996.25	996.33	996.39	996.42	996.45	996.52	996.56	996.31
	9	996.62	996.71	996.74	996.81	996.87	996.92	997.01	997.06	997.12	997.15	997.12	997.16	996.94
	10	997.19	997.17	997.17	997.20	997.22	997.25	997.31	997.37	997.43	997.48	997.45	997.41	997.30
	11	997.44	997.52	997.55	997.55	997.55	997.53	997.47	997.45	997.43	997.38	997.41	997.41	997.47
	12	997.41	997.43	997.47	997.47	997.45	997.45	997.44	997.51	997.61	997.61	997.58	997.58	997.50
	13	997.59	997.64	997.69	997.73	997.80	997.83	997.80	997.79	997.75	997.66	997.62	997.62	997.71
	14	997.66	997.78	997.90	998.01	998.10	998.12	998.14	998.15	998.20	998.32	998.43	998.49	998.11
	15	998.46	998.40	998.45	998.55	998.58	998.64	998.75	998.87	999.00	999.13	999.29	999.47	998.80
	16	999.66	999.76	999.88	1000.01	1000.12	1000.22	1000.32	1000.42	1000.46	1000.49	1000.50	1000.55	1000.20
	17	1000.61	1000.63	1000.64	1000.65	1000.65	1000.70	1000.77	1000.78	1000.76	1000.75	1000.74	1000.73	1000.70
	18	1000.73	1000.73	1000.72	1000.76	1000.85	1000.89	1000.90	1000.94	1001.01	1001.08	1001.13	1001.14	1000.90
	19	1001.10	1001.06	1001.05	1001.07	1001.11	1001.13	1001.15	1001.19	1001.17	1001.13	1001.14	1001.19	1001.12
	20	1001.28	1001.38	1001.47	1001.55	1001.62	1001.65	1001.70	1001.74	1001.77	1001.83	1001.90	1001.97	1001.65
	21	1002.02	1002.05	1002.10	1002.11	1002.05	1002.01	1001.96	1001.92	1001.91	1001.89	1001.92	1001.99	1001.99
	22	1002.05	1002.09	1002.13	1002.18	1002.26	1002.37	1002.41	1002.38	1002.34	1002.27	1002.18	1002.16	1002.23
	23	1002.18	1002.18	1002.13	1002.12	1002.15	1002.14	1002.14	1002.17	1002.22	1002.22	1002.22	1002.24	1002.17

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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	1002.24	1002.24	1002.25	1002.23	1002.18	1002.18	1002.26	1002.33	1002.35	1002.37	1002.40	1002.40	1002.28
	1	1002.46	1002.55	1002.54	1002.54	1002.54	1002.58	1002.58	1002.55	1002.55	1002.58	1002.60	1002.56	1002.55
	2	1002.53	1002.53	1002.51	1002.53	1002.57	1002.56	1002.60	1002.64	1002.68	1002.67	1002.59	1002.59	1002.58
	3	1002.59	1002.54	1002.47	1002.43	1002.45	1002.42	1002.38	1002.40	1002.39	1002.36	1002.36	1002.34	1002.43
	4	1002.30	1002.28	1002.21	1002.13	1002.12	1002.13	1002.17	1002.18	1002.20	1002.24	1002.27	1002.27	1002.21
	5	1002.22	1002.23	1002.24	1002.26	1002.30	1002.28	1002.31	1002.34	1002.28	1002.25	1002.24	1002.23	1002.26
	6	1002.22	1002.15	1002.08	1002.03	1001.98	1001.91	1001.89	1001.93	1001.86	1001.81	1001.83	1001.81	1001.96
	7	1001.77	1001.76	1001.77	1001.78	1001.83	1001.90	1001.93	1001.88	1001.90	1001.97	1001.98	1002.04	1001.87
	8	1002.13	1002.19	1002.24	1002.31	1002.40	1002.53	1002.65	1002.71	1002.70	1002.73	1002.82	1002.89	1002.52
	9	1002.96	1002.97	1002.98	1002.97	1002.93	1002.89	1002.80	1002.70	1002.68	1002.66	1002.61	1002.55	1002.80
	10	1002.49	1002.48	1002.48	1002.42	1002.27	1002.09	1001.90	1001.73	1001.63	1001.56	1001.52	1001.49	1002.00
	11	1001.40	1001.35	1001.33	1001.25	1001.16	1001.04	1000.92	1000.81	1000.70	1000.53	1000.39	1000.33	1000.93
	12	1000.25	1000.12	1000.02	999.97	999.92	999.86	999.83	999.80	999.76	999.70	999.63	999.61	999.87
	13	999.63	999.60	999.49	999.40	999.38	999.41	999.35	999.28	999.27	999.14	999.03	999.03	999.33
	14	998.93	998.86	998.86	998.77	998.70	998.68	998.67	998.62	998.50	998.47	998.50	998.50	998.67
	15	998.49	998.49	998.48	998.44	998.45	998.47	998.52	998.58	998.50	998.39	998.33	998.36	998.46
	16	998.39	998.38	998.42	998.49	998.54	998.48	998.43	998.44	998.48	998.51	998.54	998.59	998.47
	17	998.57	998.59	998.62	998.62	998.66	998.72	998.80	998.84	998.86	998.82	998.79	998.79	998.72
	18	998.79	998.80	998.78	998.79	998.83	998.78	998.76	998.74	998.68	998.64	998.62	998.59	998.73
	19	998.49	998.38	998.33	998.31	998.32	998.36	998.39	998.38	998.40	998.47	998.49	998.46	998.40
	20	998.44	998.44	998.44	998.38	998.38	998.39	998.37	998.40	998.41	998.38	998.42	998.47	998.41
	21	998.48	998.45	998.45	998.48	998.47	998.47	998.46	998.46	998.48	998.50	998.45	998.39	998.46
	22	998.33	998.30	998.35	998.43	998.46	998.46	998.40	998.32	998.27	998.26	998.29	998.34	998.35
	23	998.33	998.26	998.25	998.23	998.14	998.03	997.92	997.91	997.93	997.86	997.78	997.78	998.03
20	0	997.77	997.71	997.69	997.74	997.72	997.64	997.49	997.32	997.18	997.04	997.07	997.25	997.45
	1	997.32	997.34	997.40	997.42	997.41	997.47	997.54	997.53	997.50	997.39	997.20	997.10	997.38
	2	997.04	997.00	997.04	997.00	996.89	996.85	996.70	996.53	996.59	996.20	995.93	996.28	996.67
	3	996.38	996.22	996.15	996.14	996.10	996.17	996.29	996.33	996.26	996.13	996.06	996.02	996.18
	4	996.01	996.04	996.02	995.99	995.95	995.88	995.88	995.91	995.89	995.83	995.77	995.75	995.91
	5	995.80	995.89	995.94	996.05	996.15	996.15	996.26	996.42	996.47	996.52	996.53	996.52	996.22
	6	996.51	996.49	996.45	996.37	996.34	996.37	996.39	996.40	996.51	996.61	996.67	996.69	996.48
	7	996.68	996.66	996.63	996.63	996.68	996.70	996.64	996.62	996.71	996.76	996.78	996.88	996.69
	8	996.96	997.01	997.08	997.16	997.17	997.16	997.20	997.28	997.39	997.42	997.47	997.55	997.24
	9	997.61	997.70	997.81	997.92	997.98	998.04	998.07	998.05	998.08	998.14	998.18	998.17	997.98
	10	998.16	998.12	998.04	997.97	997.94	997.92	997.88	997.83	997.79	997.77	997.75	997.70	997.90
	11	997.68	997.65	997.59	997.56	997.55	997.50	997.43	997.33	997.22	997.20	997.16	997.10	997.41
	12	997.02	996.89	996.80	996.66	996.54	996.53	996.63	996.71	996.71	996.69	996.69	996.68	996.71
	13	996.66	996.63	996.65	996.66	996.66	996.68	996.71	996.72	996.72	996.80	996.85	996.85	996.71
	14	996.86	996.90	996.92	996.90	996.90	996.95	997.02	997.05	997.06	997.11	997.15	997.13	996.99
	15	997.06	996.97	996.88	996.79	996.71	996.69	996.70	996.72	996.72	996.69	996.64	996.57	996.76
	16	996.43	996.29	996.25	996.26	996.22	996.22	996.25	996.24	996.24	996.28	996.33	996.39	996.28
	17	996.44	996.51	996.49	996.42	996.43	996.44	996.43	996.48	996.55	996.59	996.60	996.54	996.49
	18	996.51	996.53	996.55	996.61	996.64	996.65	996.69	996.67	996.68	996.70	996.71	996.75	996.64
	19	996.79	996.80	996.82	996.84	996.87	996.85	996.82	996.86	996.92	996.96	996.98	996.97	996.87
	20	996.96	996.95	996.91	996.81	996.73	996.69	996.64	996.63	996.63	996.56	996.52	996.49	996.71
	21	996.47	996.45	996.42	996.38	996.34	996.35	996.36	996.38	996.40	996.42	996.40	996.37	996.39
	22	996.36	996.33	996.28	996.17	996.12	996.11	996.08	996.03	995.98	995.94	995.92	995.97	996.10
	23	995.89	995.77	995.72	995.66	995.61	995.56	995.46	995.37	995.32	995.29	995.24	995.16	995.50

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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	995.05	995.01	994.96	994.95	994.97	995.00	995.04	995.07	995.13	995.17	995.19	995.22	995.06
	1	995.25	995.28	995.25	995.17	995.14	995.11	995.08	995.06	994.97	994.86	994.83	994.83	995.07
	2	994.82	994.84	994.88	994.89	994.86	994.85	994.85	994.80	994.71	994.62	994.54	994.49	994.76
	3	994.46	994.45	994.40	994.33	994.30	994.25	994.25	994.28	994.25	994.23	994.18	994.06	994.28
	4	993.96	993.88	993.82	993.80	993.83	993.83	993.75	993.71	993.75	993.79	993.83	993.88	993.82
	5	993.95	993.99	994.01	994.03	993.96	993.95	994.08	994.15	994.16	994.18	994.16	994.14	994.06
	6	994.16	994.19	994.20	994.18	994.17	994.14	994.10	994.09	994.10	994.18	994.26	994.29	994.17
	7	994.32	994.33	994.31	994.28	994.30	994.32	994.35	994.37	994.38	994.42	994.47	994.52	994.36
	8	994.59	994.66	994.69	994.71	994.70	994.62	994.51	994.50	994.54	994.58	994.58	994.56	994.60
	9	994.55	994.56	994.59	994.61	994.66	994.76	994.89	995.00	995.07	995.11	995.26	995.50	994.88
	10	995.63	995.74	995.84	995.88	995.88	995.89	995.88	995.84	995.79	995.68	995.53	995.43	995.75
	11	995.32	995.18	995.10	995.11	995.15	995.17	995.18	995.22	995.30	995.38	995.46	995.51	995.25
	12	995.56	995.58	995.58	995.58	995.58	995.59	995.61	995.61	995.58	995.53	995.52	995.54	995.57
	13	995.57	995.62	995.70	995.77	995.82	995.84	995.87	995.90	995.92	995.97	996.03	996.03	995.83
	14	996.01	996.04	996.09	996.09	996.05	996.05	996.10	996.17	996.28	996.39	996.48	996.54	996.19
	15	996.57	996.57	996.56	996.57	996.56	996.56	996.57	996.56	996.58	996.61	996.66	996.73	996.59
	16	996.80	996.84	996.83	996.83	996.85	996.85	996.85	996.87	996.91	996.97	997.02	997.10	996.89
	17	997.18	997.23	997.26	997.30	997.37	997.42	997.45	997.50	997.54	997.55	997.61	997.69	997.42
	18	997.78	997.84	997.92	998.01	998.07	998.12	998.13	998.16	998.22	998.27	998.29	998.30	998.09
	19	998.31	998.34	998.40	998.45	998.47	998.45	998.40	998.37	998.38	998.43	998.47	998.49	998.41
	20	998.50	998.49	998.48	998.46	998.45	998.49	998.53	998.57	998.60	998.59	998.55	998.54	998.52
	21	998.56	998.58	998.60	998.59	998.59	998.62	998.66	998.69	998.69	998.69	998.71	998.75	998.64
	22	998.81	998.87	998.93	998.95	998.89	998.84	998.81	998.78	998.77	998.79	998.80	998.83	998.84
	23	998.84	998.80	998.79	998.77	998.72	998.70	998.68	998.66	998.63	998.60	998.57	998.59	998.69
22	0	998.74	998.79	998.87	998.89	998.89	998.91	998.96	999.01	999.04	999.13	999.24	999.37	998.99
	1	999.49	999.57	999.62	999.64	999.61	999.60	999.63	999.70	999.76	999.83	999.85	999.82	999.67
	2	999.83	999.88	999.91	999.92	999.96	1000.00	1000.05	1000.06	1000.09	1000.14	1000.13	1000.12	1000.01
	3	1000.16	1000.20	1000.19	1000.19	1000.20	1000.20	1000.19	1000.17	1000.14	1000.10	1000.15	1000.23	1000.17
	4	1000.26	1000.33	1000.40	1000.42	1000.39	1000.35	1000.39	1000.47	1000.47	1000.47	1000.52	1000.53	1000.41
	5	1000.54	1000.56	1000.57	1000.60	1000.68	1000.71	1000.71	1000.73	1000.78	1000.75	1000.72	1000.75	1000.67
	6	1000.77	1000.78	1000.79	1000.77	1000.71	1000.64	1000.61	1000.58	1000.64	1000.72	1000.75	1000.83	1000.71
	7	1000.91	1001.00	1001.12	1001.23	1001.33	1001.43	1001.50	1001.53	1001.55	1001.55	1001.57	1001.67	1001.36
	8	1001.74	1001.78	1001.81	1001.83	1001.85	1001.91	1001.97	1002.04	1002.12	1002.19	1002.25	1002.28	1001.98
	9	1002.30	1002.33	1002.37	1002.42	1002.49	1002.53	1002.56	1002.66	1002.77	1002.78	1002.79	1002.80	1002.56
	10	1002.77	1002.74	1002.70	1002.67	1002.65	1002.61	1002.59	1002.55	1002.44	1002.40	1002.41	1002.38	1002.57
	11	1002.36	1002.31	1002.27	1002.24	1002.22	1002.21	1002.20	1002.21	1002.20	1002.18	1002.12	1002.07	1002.21
	12	1002.06	1002.03	1002.00	1001.98	1001.96	1001.96	1001.92	1001.94	1001.95	1001.94	1001.95	1002.03	1001.97
	13	1002.16	1002.21	1002.21	1002.26	1002.32	1002.41	1002.53	1002.58	1002.58	1002.62	1002.66	1002.71	1002.44
	14	1002.79	1002.88	1002.96	1003.03	1003.12	1003.21	1003.30	1003.38	1003.46	1003.54	1003.59	1003.64	1003.24
	15	1003.70	1003.75	1003.81	1003.85	1003.88	1003.93	1004.00	1004.08	1004.15	1004.22	1004.27	1004.33	1004.00
	16	1004.39	1004.42	1004.45	1004.48	1004.54	1004.62	1004.71	1004.77	1004.82	1004.86	1004.93	1005.01	1004.66
	17	1005.08	1005.12	1005.16	1005.23	1005.30	1005.38	1005.51	1005.60	1005.64	1005.71	1005.80	1005.87	1005.45
	18	1005.87	1005.87	1005.89	1005.93	1005.97	1005.99	1006.04	1006.12	1006.24	1006.36	1006.47	1006.56	1006.11
	19	1006.59	1006.61	1006.68	1006.75	1006.78	1006.81	1006.81	1006.78	1006.82	1006.93	1007.06	1007.19	1006.82
	20	1007.22	1007.32	1007.43	1007.42	1007.35	1007.28	1007.29	1007.37	1007.46	1007.47	1007.47	1007.47	1007.38
	21	1007.45	1007.44	1007.44	1007.47	1007.49	1007.50	1007.56	1007.62	1007.66	1007.68	1007.66	1007.64	1007.55
	22	1007.66	1007.71	1007.72	1007.68	1007.64	1007.69	1007.76	1007.80	1007.82	1007.79	1007.77	1007.76	1007.73
	23	1007.77	1007.94	1008.00	1007.88	1007.77	1007.69	1007.65	1007.63	1007.63	1007.64	1007.63	1007.63	1007.74

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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	1007.69	1007.68	1007.67	1007.61	1007.59	1007.65	1007.65	1007.65	1007.65	1007.67	1007.75	1007.81	1007.67
	1	1007.89	1007.95	1007.90	1007.83	1007.80	1007.81	1007.81	1007.80	1007.78	1007.71	1007.68	1007.65	1007.80
	2	1007.58	1007.51	1007.45	1007.43	1007.39	1007.29	1007.25	1007.29	1007.28	1007.27	1007.30	1007.36	1007.37
	3	1007.41	1007.39	1007.34	1007.37	1007.40	1007.42	1007.41	1007.39	1007.33	1007.27	1007.24	1007.19	1007.34
	4	1007.12	1007.04	1006.95	1006.85	1006.79	1006.73	1006.65	1006.61	1006.61	1006.57	1006.51	1006.47	1006.74
	5	1006.38	1006.39	1006.40	1006.36	1006.37	1006.39	1006.37	1006.33	1006.41	1006.51	1006.54	1006.58	1006.42
	6	1006.66	1006.74	1006.76	1006.80	1006.79	1006.62	1006.50	1006.49	1006.46	1006.41	1006.36	1006.43	1006.58
	7	1006.49	1006.44	1006.34	1006.28	1006.29	1006.30	1006.26	1006.23	1006.27	1006.29	1006.24	1006.19	1006.30
	8	1006.14	1006.09	1006.12	1006.17	1006.21	1006.30	1006.53	1006.87	1007.08	1007.24	1007.20	1006.94	1006.57
	9	1006.70	1006.56	1006.59	1006.55	1006.47	1006.38	1006.26	1006.21	1006.18	1006.13	1006.16	1006.19	1006.36
	10	1006.23	1006.29	1006.20	1006.18	1006.47	1006.69	1006.67	1006.52	1006.11	1005.78	1005.51	1005.45	1006.17
	11	1005.67	1005.75	1005.71	1005.52	1005.53	1005.59	1005.44	1005.40	1005.37	1005.23	1005.13	1005.06	1005.45
	12	1005.02	1004.99	1004.93	1004.91	1004.89	1004.87	1004.85	1004.81	1004.78	1004.71	1004.66	1004.62	1004.83
	13	1004.60	1004.64	1004.58	1004.50	1004.51	1004.47	1004.39	1004.36	1004.29	1004.20	1004.17	1004.15	1004.40
	14	1004.10	1004.07	1004.02	1003.97	1004.00	1004.02	1003.96	1003.93	1003.96	1003.95	1003.98	1004.01	1004.00
	15	1004.01	1003.98	1003.92	1003.88	1003.82	1003.74	1003.66	1003.62	1003.57	1003.50	1003.48	1003.45	1003.72
	16	1003.39	1003.35	1003.35	1003.36	1003.39	1003.41	1003.39	1003.34	1003.27	1003.25	1003.27	1003.31	1003.34
	17	1003.23	1003.20	1003.21	1003.18	1003.21	1003.21	1003.16	1003.13	1003.08	1003.04	1002.98	1002.91	1003.13
	18	1002.89	1002.86	1002.83	1002.79	1002.73	1002.65	1002.54	1002.44	1002.37	1002.30	1002.23	1002.21	1002.57
	19	1002.20	1002.15	1002.09	1002.03	1001.96	1001.79	1001.64	1001.57	1001.55	1001.55	1001.58	1001.60	1001.81
	20	1001.54	1001.41	1001.33	1001.28	1001.19	1001.15	1001.17	1001.16	1001.10	1001.02	1000.97	1000.87	1001.18
	21	1000.77	1000.70	1000.68	1000.65	1000.58	1000.55	1000.51	1000.42	1000.32	1000.28	1000.28	1000.29	1000.50
	22	1000.27	1000.25	1000.26	1000.30	1000.30	1000.24	1000.19	1000.16	1000.13	1000.06	999.95	999.90	1000.16
	23	999.90	999.88	999.77	999.61	999.48	999.40	999.34	999.26	999.21	999.18	999.11	998.95	999.42
24	0	998.74	998.73	998.67	998.53	998.38	998.24	998.15	998.06	998.04	998.07	998.05	998.10	998.29
	1	998.10	998.04	997.98	997.95	997.91	997.87	997.86	997.85	997.83	997.79	997.78	997.72	997.89
	2	997.62	997.57	997.54	997.48	997.41	997.31	997.20	997.13	997.08	997.02	996.92	996.80	997.26
	3	996.73	996.68	996.66	996.64	996.55	996.44	996.35	996.25	996.17	996.09	996.04	996.03	996.38
	4	996.01	995.93	995.85	995.81	995.81	995.78	995.73	995.76	995.81	995.82	995.83	995.83	995.83
	5	995.86	995.91	995.93	995.89	995.85	995.86	995.89	995.89	995.89	995.87	995.87	995.88	995.88
	6	995.90	995.89	995.85	995.84	995.84	995.86	995.89	995.91	995.92	995.92	995.93	995.91	995.89
	7	995.89	995.89	995.90	995.91	995.91	995.89	995.87	995.89	995.92	995.93	995.91	995.87	995.90
	8	995.84	995.84	995.85	995.86	995.87	995.88	995.91	995.91	995.87	995.86	995.87	995.88	995.87
	9	995.92	995.98	996.01	996.03	996.05	996.11	996.18	996.20	996.20	996.19	996.14	996.14	996.09
	10	996.16	996.17	996.16	996.18	996.22	996.25	996.27	996.28	996.24	996.15	996.05	995.95	996.17
	11	995.89	995.85	995.81	995.74	995.66	995.56	995.48	995.41	995.33	995.25	995.20	995.19	995.53
	12	995.17	995.13	995.04	994.94	994.90	994.86	994.80	994.74	994.70	994.63	994.53	994.43	994.82
	13	994.37	994.39	994.41	994.41	994.42	994.41	994.40	994.43	994.46	994.49	994.54	994.56	994.44
	14	994.57	994.63	994.69	994.68	994.63	994.64	994.68	994.67	994.62	994.59	994.60	994.61	994.63
	15	994.58	994.55	994.56	994.59	994.58	994.55	994.46	994.34	994.24	994.18	994.16	994.20	994.41
	16	994.25	994.31	994.39	994.45	994.50	994.57	994.68	994.83	995.03	995.21	995.36	995.50	994.75
	17	995.62	995.74	995.81	995.87	995.94	996.00	996.03	996.09	996.20	996.27	996.29	996.34	996.01
	18	996.44	996.51	996.58	996.66	996.70	996.67	996.61	996.59	996.65	996.70	996.72	996.75	996.63
	19	996.78	996.77	996.73	996.70	996.72	996.74	996.74	996.78	996.81	996.79	996.76	996.78	996.76
	20	996.82	996.84	996.89	996.93	996.95	997.00	997.08	997.13	997.16	997.19	997.23	997.26	997.04
	21	997.23	997.21	997.21	997.21	997.21	997.25	997.29	997.30	997.30	997.27	997.22	997.17	997.24
	22	997.16	997.19	997.20	997.15	997.10	997.11	997.13	997.14	997.10	997.05	997.00	996.92	997.10
	23	996.88	996.84	996.75	996.68	996.64	996.63	996.59	996.52	996.46	996.40	996.32	996.20	996.57



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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
25	0	996.08	996.07	996.03	995.97	995.91	995.82	995.70	995.63	995.60	995.58	995.58	995.54	995.78
	1	995.50	995.50	995.53	995.51	995.47	995.47	995.51	995.56	995.56	995.59	995.68	995.73	995.55
	2	995.75	995.75	995.71	995.73	995.76	995.76	995.78	995.81	995.82	995.83	995.90	995.99	995.80
	3	995.99	995.95	995.94	995.88	995.79	995.70	995.67	995.70	995.71	995.74	995.81	995.88	995.81
	4	995.89	995.88	995.88	995.90	995.97	996.05	996.09	996.12	996.18	996.23	996.29	996.45	996.07
	5	996.63	996.72	996.74	996.79	996.89	996.98	997.07	997.11	997.14	997.18	997.23	997.27	996.98
	6	997.33	997.42	997.45	997.47	997.49	997.52	997.56	997.59	997.65	997.72	997.74	997.77	997.56
	7	997.81	997.83	997.81	997.80	997.80	997.79	997.82	997.84	997.85	997.87	997.88	997.88	997.83
	8	997.89	997.92	997.98	998.04	998.10	998.14	998.12	998.11	998.12	998.14	998.18	998.22	998.08
	9	998.25	998.27	998.32	998.38	998.42	998.47	998.49	998.48	998.48	998.49	998.52	998.54	998.42
	10	998.57	998.59	998.59	998.56	998.55	998.56	998.55	998.54	998.55	998.54	998.54	998.56	998.56
	11	998.56	998.56	998.59	998.57	998.49	998.43	998.39	998.39	998.36	998.27	998.19	998.14	998.41
	12	998.10	998.07	998.01	997.96	997.91	997.89	997.89	997.87	997.84	997.80	997.79	997.80	997.91
	13	997.79	997.75	997.75	997.76	997.79	997.84	997.88	997.93	997.97	998.02	998.06	998.10	997.88
	14	998.15	998.20	998.22	998.24	998.27	998.28	998.30	998.30	998.31	998.39	998.44	998.46	998.30
	15	998.46	998.50	998.60	998.66	998.69	998.74	998.83	998.90	998.95	999.01	999.09	999.17	998.80
	16	999.22	999.27	999.33	999.39	999.43	999.46	999.54	999.61	999.68	999.76	999.88	999.98	999.54
	17	1000.06	1000.16	1000.23	1000.28	1000.35	1000.43	1000.48	1000.54	1000.61	1000.66	1000.66	1000.66	1000.43
	18	1000.73	1000.81	1000.89	1000.97	1001.04	1001.10	1001.15	1001.20	1001.26	1001.35	1001.41	1001.44	1001.11
	19	1001.45	1001.46	1001.52	1001.60	1001.67	1001.76	1001.85	1001.89	1001.94	1001.95	1001.96	1002.04	1001.75
	20	1002.10	1002.09	1002.12	1002.18	1002.22	1002.24	1002.22	1002.19	1002.17	1002.17	1002.15	1002.14	1002.16
	21	1002.16	1002.19	1002.20	1002.21	1002.23	1002.25	1002.31	1002.38	1002.41	1002.45	1002.45	1002.45	1002.31
	22	1002.49	1002.52	1002.57	1002.60	1002.64	1002.70	1002.74	1002.76	1002.78	1002.83	1002.81	1002.76	1002.68
	23	1002.78	1002.81	1002.81	1002.84	1002.87	1002.90	1002.93	1002.92	1002.89	1002.89	1002.90	1002.88	1002.87
26	0	1002.80	1002.80	1002.79	1002.78	1002.79	1002.79	1002.79	1002.80	1002.81	1002.84	1002.90	1002.95	1002.82
	1	1002.93	1002.89	1002.88	1002.87	1002.88	1002.89	1002.87	1002.86	1002.86	1002.83	1002.82	1002.82	1002.86
	2	1002.81	1002.79	1002.77	1002.75	1002.73	1002.76	1002.78	1002.77	1002.76	1002.77	1002.76	1002.75	1002.76
	3	1002.74	1002.68	1002.64	1002.61	1002.59	1002.57	1002.56	1002.57	1002.59	1002.60	1002.60	1002.61	1002.61
	4	1002.65	1002.69	1002.74	1002.76	1002.78	1002.82	1002.82	1002.82	1002.84	1002.85	1002.87	1002.91	1002.79
	5	1002.98	1003.01	1003.01	1003.06	1003.10	1003.14	1003.21	1003.28	1003.33	1003.37	1003.39	1003.40	1003.19
	6	1003.39	1003.40	1003.43	1003.47	1003.55	1003.63	1003.64	1003.65	1003.69	1003.78	1003.86	1003.86	1003.61
	7	1003.86	1003.94	1004.00	1004.00	1004.00	1004.00	1004.01	1004.07	1004.13	1004.17	1004.22	1004.24	1004.05
	8	1004.28	1004.36	1004.43	1004.48	1004.51	1004.52	1004.55	1004.60	1004.69	1004.72	1004.75	1004.83	1004.56
	9	1004.87	1004.87	1004.92	1004.98	1005.03	1005.03	1005.01	1005.00	1005.01	1005.05	1005.10	1005.14	1005.00
	10	1005.15	1005.15	1005.13	1005.13	1005.15	1005.17	1005.20	1005.23	1005.25	1005.25	1005.24	1005.21	1005.19
	11	1005.15	1005.11	1005.11	1005.09	1005.06	1005.07	1005.08	1005.06	1005.02	1004.97	1004.88	1004.82	1005.03
	12	1004.80	1004.74	1004.72	1004.72	1004.71	1004.69	1004.66	1004.61	1004.55	1004.51	1004.50	1004.48	1004.64
	13	1004.44	1004.45	1004.48	1004.47	1004.42	1004.38	1004.38	1004.36	1004.34	1004.32	1004.34	1004.38	1004.39
	14	1004.37	1004.34	1004.31	1004.30	1004.35	1004.40	1004.46	1004.52	1004.56	1004.60	1004.66	1004.73	1004.46
	15	1004.80	1004.87	1004.95	1005.02	1005.06	1005.11	1005.16	1005.23	1005.32	1005.41	1005.48	1005.50	1005.16
	16	1005.51	1005.56	1005.65	1005.74	1005.83	1005.95	1006.08	1006.20	1006.34	1006.48	1006.59	1006.68	1006.05
	17	1006.74	1006.81	1006.90	1007.00	1007.10	1007.19	1007.25	1007.32	1007.44	1007.57	1007.70	1007.80	1007.23
	18	1007.87	1007.97	1008.09	1008.17	1008.27	1008.37	1008.42	1008.46	1008.54	1008.63	1008.68	1008.72	1008.35
	19	1008.74	1008.76	1008.84	1008.89	1008.86	1008.83	1008.86	1008.93	1009.02	1009.09	1009.12	1009.14	1008.92
	20	1009.14	1009.12	1009.15	1009.23	1009.27	1009.30	1009.37	1009.42	1009.43	1009.47	1009.51	1009.56	1009.33
	21	1009.57	1009.56	1009.56	1009.58	1009.61	1009.63	1009.66	1009.69	1009.74	1009.79	1009.87	1009.97	1009.68
	22	1010.08	1010.16	1010.21	1010.24	1010.27	1010.29	1010.28	1010.25	1010.26	1010.34	1010.42	1010.44	1010.27
	23	1010.50	1010.60	1010.66	1010.65	1010.67	1010.70	1010.72	1010.76	1010.81	1010.85	1010.89	1010.90	1010.72

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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	1010.85	1010.86	1010.90	1010.95	1010.98	1011.01	1011.09	1011.16	1011.19	1011.25	1011.30	1011.32	1011.08
	1	1011.31	1011.28	1011.32	1011.39	1011.42	1011.43	1011.51	1011.57	1011.60	1011.67	1011.75	1011.74	1011.50
	2	1011.72	1011.77	1011.82	1011.83	1011.85	1011.86	1011.82	1011.81	1011.82	1011.82	1011.85	1011.91	1011.82
	3	1011.92	1011.96	1012.00	1011.99	1011.99	1012.00	1012.05	1012.07	1012.08	1012.11	1012.15	1012.19	1012.04
	4	1012.21	1012.22	1012.30	1012.36	1012.40	1012.42	1012.42	1012.42	1012.44	1012.49	1012.54	1012.59	1012.40
	5	1012.62	1012.66	1012.70	1012.71	1012.72	1012.72	1012.74	1012.76	1012.75	1012.76	1012.80	1012.87	1012.73
	6	1012.90	1012.88	1012.95	1013.09	1013.19	1013.21	1013.23	1013.28	1013.32	1013.34	1013.40	1013.42	1013.18
	7	1013.40	1013.40	1013.41	1013.43	1013.47	1013.52	1013.59	1013.69	1013.72	1013.73	1013.73	1013.75	1013.57
	8	1013.80	1013.81	1013.81	1013.81	1013.79	1013.81	1013.83	1013.82	1013.82	1013.84	1013.84	1013.87	1013.82
	9	1013.94	1013.97	1013.98	1014.01	1014.02	1014.02	1014.05	1014.03	1014.01	1014.02	1014.03	1014.03	1014.01
	10	1013.97	1013.89	1013.86	1013.88	1013.89	1013.89	1013.87	1013.83	1013.80	1013.82	1013.82	1013.75	1013.85
	11	1013.70	1013.73	1013.77	1013.79	1013.82	1013.85	1013.86	1013.83	1013.78	1013.79	1013.78	1013.76	1013.79
	12	1013.77	1013.78	1013.76	1013.72	1013.70	1013.71	1013.73	1013.73	1013.69	1013.64	1013.62	1013.58	1013.70
	13	1013.52	1013.47	1013.41	1013.38	1013.40	1013.40	1013.35	1013.30	1013.35	1013.41	1013.39	1013.38	1013.40
	14	1013.43	1013.47	1013.45	1013.44	1013.44	1013.43	1013.45	1013.45	1013.43	1013.43	1013.44	1013.42	1013.44
	15	1013.43	1013.45	1013.49	1013.53	1013.53	1013.52	1013.53	1013.51	1013.46	1013.44	1013.43	1013.43	1013.48
	16	1013.48	1013.49	1013.45	1013.44	1013.44	1013.44	1013.50	1013.56	1013.57	1013.62	1013.70	1013.74	1013.53
	17	1013.75	1013.78	1013.83	1013.86	1013.85	1013.88	1013.95	1014.00	1014.04	1014.07	1014.09	1014.09	1013.93
	18	1014.09	1014.07	1014.09	1014.14	1014.15	1014.18	1014.20	1014.19	1014.22	1014.23	1014.18	1014.17	1014.16
	19	1014.13	1014.08	1014.08	1014.08	1014.09	1014.05	1014.05	1014.05	1014.03	1014.00	1014.03	1014.06	1014.06
	20	1014.06	1014.08	1014.07	1014.08	1014.11	1014.10	1014.07	1014.06	1014.00	1013.92	1013.89	1013.87	1014.02
	21	1013.85	1013.83	1013.81	1013.83	1013.88	1013.92	1013.95	1013.99	1014.03	1014.03	1014.05	1014.09	1013.93
	22	1014.09	1014.13	1014.18	1014.18	1014.13	1014.09	1014.10	1014.14	1014.18	1014.23	1014.23	1014.20	1014.15
	23	1014.17	1014.12	1014.08	1014.01	1013.95	1013.92	1013.86	1013.79	1013.77	1013.78	1013.74	1013.62	1013.90
28	0	1013.43	1013.48	1013.52	1013.45	1013.36	1013.30	1013.25	1013.18	1013.18	1013.26	1013.25	1013.17	1013.31
	1	1013.13	1013.10	1013.05	1013.01	1013.01	1013.00	1012.98	1012.92	1012.88	1012.84	1012.77	1012.70	1012.95
	2	1012.63	1012.56	1012.48	1012.41	1012.36	1012.30	1012.22	1012.14	1012.04	1011.96	1011.92	1011.88	1012.24
	3	1011.83	1011.79	1011.77	1011.75	1011.71	1011.66	1011.58	1011.53	1011.50	1011.42	1011.36	1011.32	1011.60
	4	1011.27	1011.20	1011.15	1011.12	1011.07	1010.99	1010.89	1010.82	1010.74	1010.68	1010.64	1010.58	1010.93
	5	1010.52	1010.50	1010.50	1010.48	1010.45	1010.42	1010.36	1010.29	1010.28	1010.30	1010.33	1010.36	1010.40
	6	1010.38	1010.38	1010.37	1010.37	1010.34	1010.34	1010.36	1010.32	1010.25	1010.21	1010.20	1010.21	1010.31
	7	1010.23	1010.24	1010.22	1010.22	1010.22	1010.19	1010.18	1010.18	1010.16	1010.13	1010.09	1010.11	1010.18
	8	1010.14	1010.14	1010.16	1010.17	1010.20	1010.22	1010.20	1010.16	1010.11	1010.06	1010.06	1010.11	1010.14
	9	1010.13	1010.14	1010.17	1010.21	1010.26	1010.31	1010.31	1010.28	1010.25	1010.21	1010.19	1010.19	1010.22
	10	1010.12	1010.04	1010.00	1009.94	1009.89	1009.85	1009.78	1009.71	1009.65	1009.57	1009.49	1009.42	1009.79
	11	1009.35	1009.27	1009.21	1009.15	1009.07	1009.02	1008.97	1008.93	1008.90	1008.89	1008.88	1008.86	1009.04
	12	1008.81	1008.75	1008.69	1008.67	1008.65	1008.59	1008.53	1008.50	1008.48	1008.48	1008.50	1008.52	1008.59
	13	1008.51	1008.52	1008.55	1008.57	1008.59	1008.59	1008.62	1008.66	1008.68	1008.66	1008.69	1008.72	1008.61
	14	1008.73	1008.79	1008.83	1008.85	1008.90	1008.95	1008.99	1009.02	1009.02	1009.03	1009.06	1009.11	1008.94
	15	1009.18	1009.25	1009.32	1009.41	1009.50	1009.54	1009.62	1009.69	1009.72	1009.79	1009.89	1009.95	1009.57
	16	1010.00	1010.05	1010.11	1010.20	1010.30	1010.40	1010.48	1010.55	1010.64	1010.74	1010.83	1010.91	1010.43
	17	1010.98	1011.08	1011.14	1011.18	1011.23	1011.29	1011.37	1011.44	1011.51	1011.64	1011.77	1011.87	1011.37
	18	1011.98	1012.08	1012.17	1012.25	1012.33	1012.39	1012.41	1012.46	1012.55	1012.65	1012.73	1012.80	1012.40
	19	1012.88	1012.96	1013.05	1013.17	1013.28	1013.35	1013.44	1013.55	1013.60	1013.66	1013.72	1013.75	1013.36
	20	1013.79	1013.86	1013.92	1013.97	1014.04	1014.11	1014.21	1014.31	1014.37	1014.44	1014.52	1014.62	1014.18
	21	1014.76	1014.90	1015.02	1015.13	1015.20	1015.26	1015.33	1015.39	1015.42	1015.45	1015.47	1015.51	1015.23
	22	1015.63	1015.77	1015.89	1016.01	1016.15	1016.24	1016.27	1016.30	1016.37	1016.41	1016.44	1016.49	1016.16
	23	1016.57	1016.56	1016.52	1016.47	1016.38	1016.35	1016.49	1016.73	1016.92	1017.08	1017.16	1017.14	1016.70

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1017.22	1017.24	1017.26	1017.22	1017.19	1017.23	1017.20	1017.14	1017.18	1017.25	1017.39	1017.49	1017.25
	1	1017.47	1017.53	1017.70	1017.77	1017.81	1017.87	1017.85	1017.91	1017.99	1018.04	1018.02	1018.01	1017.83
	2	1018.02	1018.03	1018.00	1018.02	1018.05	1018.13	1018.30	1018.41	1018.48	1018.50	1018.49	1018.53	1018.24
	3	1018.67	1018.79	1018.86	1018.90	1018.90	1018.89	1018.90	1018.99	1019.11	1019.19	1019.29	1019.39	1018.99
	4	1019.39	1019.35	1019.36	1019.37	1019.40	1019.54	1019.71	1019.87	1020.04	1020.18	1020.26	1020.31	1019.73
	5	1020.31	1020.28	1020.26	1020.35	1020.44	1020.49	1020.62	1020.77	1020.86	1020.90	1020.95	1021.07	1020.61
	6	1021.21	1021.29	1021.31	1021.31	1021.32	1021.33	1021.36	1021.41	1021.49	1021.53	1021.55	1021.70	1021.40
	7	1021.91	1022.10	1022.17	1022.21	1022.30	1022.33	1022.26	1022.22	1022.22	1022.26	1022.30	1022.29	1022.21
	8	1022.26	1022.28	1022.31	1022.26	1022.20	1022.13	1022.10	1022.10	1022.08	1022.00	1021.87	1021.76	1022.11
	9	1021.69	1021.68	1021.75	1021.77	1021.70	1021.74	1021.82	1021.89	1021.91	1022.02	1022.28	1022.53	1021.90
	10	1022.60	1022.48	1022.37	1022.32	1022.25	1022.27	1022.12	1021.86	1021.77	1021.72	1021.78	1021.91	1022.12
	11	1021.96	1022.09	1022.29	1022.50	1022.71	1022.73	1022.53	1022.43	1022.52	1022.62	1022.64	1022.60	1022.47
	12	1022.49	1022.33	1022.26	1022.26	1022.23	1022.21	1022.17	1022.04	1021.92	1021.79	1021.64	1021.51	1022.07
	13	1021.45	1021.39	1021.31	1021.28	1021.26	1021.25	1021.21	1021.19	1021.18	1021.15	1021.10	1021.05	1021.23
	14	1021.02	1020.94	1020.88	1020.82	1020.76	1020.76	1020.74	1020.76	1020.91	1021.07	1021.19	1021.21	1020.92
	15	1021.19	1021.27	1021.40	1021.55	1021.63	1021.63	1021.68	1021.76	1021.87	1021.94	1021.95	1021.97	1021.65
	16	1021.97	1022.00	1022.09	1022.08	1022.04	1022.06	1022.07	1022.09	1022.05	1021.96	1021.95	1022.02	1022.03
	17	1022.05	1022.02	1022.02	1022.05	1022.00	1021.94	1021.91	1021.93	1021.88	1021.82	1021.85	1021.88	1021.94
	18	1021.87	1021.91	1022.00	1021.96	1021.84	1021.85	1021.97	1022.12	1022.22	1022.27	1022.33	1022.34	1022.05
	19	1022.25	1022.20	1022.27	1022.30	1022.29	1022.29	1022.31	1022.33	1022.34	1022.27	1022.23	1022.24	1022.27
	20	1022.26	1022.35	1022.39	1022.33	1022.25	1022.22	1022.20	1022.30	1022.42	1022.46	1022.56	1022.58	1022.36
	21	1022.45	1022.40	1022.46	1022.54	1022.58	1022.58	1022.60	1022.56	1022.56	1022.57	1022.51	1022.47	1022.52
	22	1022.40	1022.41	1022.51	1022.66	1022.72	1022.66	1022.59	1022.50	1022.49	1022.55	1022.61	1022.63	1022.56
	23	1022.65	1022.66	1022.69	1022.75	1022.74	1022.69	1022.65	1022.65	1022.68	1022.62	1022.54	1022.56	1022.65
30	0	1022.60	1022.57	1022.45	1022.33	1022.33	1022.36	1022.31	1022.33	1022.42	1022.57	1022.69	1022.60	1022.45
	1	1022.51	1022.48	1022.42	1022.39	1022.36	1022.32	1022.24	1022.16	1022.12	1022.09	1021.98	1021.83	1022.24
	2	1021.63	1021.43	1021.43	1021.47	1021.53	1021.62	1021.60	1021.61	1021.69	1021.73	1021.71	1021.78	1021.60
	3	1021.94	1022.06	1022.07	1022.05	1022.04	1021.97	1021.88	1021.83	1021.85	1021.84	1021.80	1021.78	1021.92
	4	1021.68	1021.55	1021.49	1021.54	1021.62	1021.68	1021.69	1021.63	1021.61	1021.65	1021.64	1021.62	1021.61
	5	1021.60	1021.53	1021.47	1021.46	1021.47	1021.50	1021.57	1021.76	1021.91	1021.93	1021.91	1021.90	1021.66
	6	1021.91	1021.90	1021.90	1021.89	1021.87	1021.79	1021.66	1021.62	1021.64	1021.74	1021.85	1022.00	1021.81
	7	1022.19	1022.27	1022.28	1022.30	1022.33	1022.32	1022.29	1022.28	1022.28	1022.25	1022.16	1022.05	1022.25
	8	1022.03	1022.04	1022.00	1021.96	1021.99	1022.06	1022.05	1022.04	1022.04	1021.99	1021.98	1022.01	1022.01
	9	1022.01	1022.03	1022.09	1022.10	1022.09	1022.07	1022.05	1022.09	1022.16	1022.21	1022.22	1022.19	1022.11
	10	1022.16	1022.13	1022.14	1022.16	1022.15	1022.13	1022.12	1022.07	1022.04	1022.01	1021.86	1021.74	1022.06
	11	1021.75	1021.78	1021.75	1021.68	1021.67	1021.67	1021.65	1021.62	1021.54	1021.43	1021.31	1021.22	1021.59
	12	1021.13	1021.03	1020.95	1020.85	1020.74	1020.74	1020.82	1020.84	1020.79	1020.67	1020.58	1020.55	1020.81
	13	1020.57	1020.61	1020.62	1020.56	1020.51	1020.59	1020.70	1020.72	1020.72	1020.71	1020.63	1020.56	1020.62
	14	1020.50	1020.48	1020.51	1020.51	1020.48	1020.50	1020.52	1020.47	1020.40	1020.36	1020.32	1020.26	1020.44
	15	1020.22	1020.18	1020.13	1020.11	1020.09	1020.10	1020.18	1020.31	1020.39	1020.33	1020.27	1020.34	1020.22
	16	1020.35	1020.32	1020.32	1020.24	1020.18	1020.21	1020.25	1020.28	1020.24	1020.25	1020.33	1020.38	1020.28
	17	1020.43	1020.49	1020.55	1020.58	1020.59	1020.61	1020.62	1020.53	1020.48	1020.51	1020.50	1020.60	1020.54
	18	1020.65	1020.59	1020.58	1020.54	1020.54	1020.52	1020.47	1020.48	1020.52	1020.49	1020.41	1020.38	1020.51
	19	1020.32	1020.30	1020.47	1020.66	1020.76	1020.77	1020.71	1020.71	1020.81	1020.90	1020.94	1021.03	1020.70
	20	1021.11	1021.11	1021.01	1020.90	1020.90	1020.90	1020.91	1020.81	1020.60	1020.53	1020.45	1020.36	1020.80
	21	1020.36	1020.37	1020.37	1020.42	1020.46	1020.47	1020.48	1020.45	1020.37	1020.38	1020.43	1020.44	1020.41
	22	1020.42	1020.34	1020.28	1020.24	1020.19	1020.17	1020.09	1020.03	1020.13	1020.21	1020.16	1020.11	1020.19
	23	1020.11	1020.07	1020.10	1020.15	1020.21	1020.19	1020.09	1019.97	1019.87	1019.86	1019.83	1019.82	1020.02

S.V.I.R.CO. Observatory - Pressure in hectoPascal – January 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
31	0	1019.84	1019.83	1019.76	1019.71	1019.72	1019.72	1019.67	1019.62	1019.56	1019.44	1019.38	1019.38	1019.63
	1	1019.43	1019.43	1019.38	1019.33	1019.27	1019.12	1018.99	1019.03	1019.10	1019.11	1019.02	1018.95	1019.18
	2	1018.94	1018.95	1018.94	1018.90	1018.82	1018.72	1018.64	1018.63	1018.71	1018.72	1018.70	1018.72	1018.78
	3	1018.75	1018.86	1018.94	1018.89	1018.81	1018.80	1018.84	1018.79	1018.73	1018.83	1019.03	1019.15	1018.87
	4	1019.14	1019.18	1019.28	1019.30	1019.28	1019.34	1019.36	1019.32	1019.34	1019.38	1019.41	1019.45	1019.31
	5	1019.56	1019.69	1019.70	1019.75	1019.93	1020.05	1020.09	1020.07	1019.99	1020.01	1020.08	1020.07	1019.91
	6	1020.07	1020.09	1020.06	1020.03	1020.07	1020.09	1020.16	1020.28	1020.34	1020.37	1020.48	1020.57	1020.22
	7	1020.59	1020.64	1020.71	1020.76	1020.73	1020.67	1020.65	1020.56	1020.50	1020.50	1020.51	1020.51	1020.61
	8	1020.49	1020.50	1020.52	1020.56	1020.55	1020.56	1020.62	1020.62	1020.60	1020.64	1020.71	1020.79	1020.59
	9	1020.81	1020.78	1020.80	1020.83	1020.84	1020.88	1020.97	1021.04	1021.07	1021.07	1021.08	1021.11	1020.94
	10	1021.16	1021.22	1021.22	1021.21	1021.22	1021.19	1021.14	1021.10	1021.07	1021.02	1020.97	1021.01	1021.13
	11	1021.09	1021.08	1021.06	1021.12	1021.16	1021.13	1021.08	1021.01	1020.97	1020.97	1021.00	1021.05	1021.06
	12	1021.11	1021.16	1021.15	1021.07	1020.99	1020.87	1020.70	1020.54	1020.46	1020.45	1020.45	1020.43	1020.78
	13	1020.36	1020.23	1020.16	1020.18	1020.22	1020.23	1020.23	1020.26	1020.28	1020.24	1020.13	1020.05	1020.21
	14	1020.03	1020.02	1020.01	1019.92	1019.89	1019.96	1020.00	1020.06	1020.18	1020.27	1020.30	1020.36	1020.08
	15	1020.37	1020.34	1020.35	1020.37	1020.35	1020.32	1020.34	1020.39	1020.44	1020.46	1020.51	1020.60	1020.40
	16	1020.62	1020.60	1020.62	1020.66	1020.69	1020.77	1020.81	1020.75	1020.69	1020.65	1020.60	1020.61	1020.67
	17	1020.68	1020.75	1020.87	1020.97	1020.97	1020.92	1020.85	1020.83	1020.86	1020.92	1020.91	1020.89	1020.87
	18	1020.96	1020.95	1020.86	1020.84	1020.80	1020.73	1020.72	1020.78	1020.86	1020.89	1020.87	1020.81	1020.84
	19	1020.76	1020.75	1020.68	1020.58	1020.63	1020.74	1020.70	1020.60	1020.52	1020.49	1020.53	1020.47	1020.62
	20	1020.32	1020.12	1020.06	1020.13	1020.25	1020.57	1020.86	1020.94	1020.93	1020.91	1020.84	1020.71	1020.55
	21	1020.62	1020.73	1020.87	1020.92	1020.89	1020.80	1020.72	1020.72	1020.67	1020.49	1020.40	1020.36	1020.68
	22	1020.33	1020.41	1020.48	1020.39	1020.32	1020.26	1020.18	1020.05	1019.94	1019.91	1019.85	1019.80	1020.16
	23	1019.84	1019.88	1019.91	1019.92	1019.90	1019.84	1019.78	1019.75	1019.67	1019.64	1019.66	1019.67	1019.79

S.V.I.R.CO. Observatory - Pressure corrected data

January 2013

