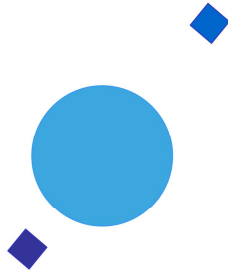


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SVIRCO Prompt Report: December 2019

Francesco Re and Nello Vertoli

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ISTITUTO DI ASTROFISICA E PLANETOLOGIA SPAZIALI

AREA DI RICERCA ROMA - TOR VERGATA

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

SVIRCO Prompt Report: December 2019

Francesco Re and Nello Vertoli

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in December 2019 by the Neutron Monitor of SVIRCO-Rome (present geographic position: 41.86° N - 12.47° E; altitude about s.l.), is reported in prompt form together with the barometric pressure data.

SVIRCO OBSERVATORY

During the 1st International Geophysics Year (1957) an international network of “ground-based detectors” for continuous cosmic ray measurements was world-wide established.

The cosmic ray station of Rome joined this network with the purpose to study the time variations of primary cosmic rays (**Studio Variazioni Intensità Raggi Cosmici: S.V.I.R.CO**) and their modulation in the heliosphere.

From July 1957 to April 1997, the SVIRCO Station (now Observatory) performed uninterrupted measurements at the Physics Department “G. Marconi” of “La Sapienza” University of Rome (41.90° N, 12.52° E, altitude about 60 m a.s.l.)

In May 1997 the neutron monitor was moved to the Physics Department “E. Amaldi” of “Roma Tre” University. Since then it has been continuously running at the new location (41.86° N, 12.47° E, altitude about 0 m a.s.l.).

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

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

On July 3, 2017 six counters experienced failure and were removed from the detector until 24 July. On 25 July 2017 a number of 2 counters was added to the detector up to a total of 16 counters. The new arrangement has been composed of three 3-counter, one 5-counter and one 2-counter units. The overall counting rate has decreased of about 20% (July 2017) with a lower statistical quality of the recorded data.

Each of the 16 BF₃ proportional counters (BP-28 type) is equipped with a smart amplifier/discriminator circuit complete with a spectrum stabilizer. This new electronic unit, developed in our laboratory, holds firmly the pulse height spectrum of the amplifier output (within a range of more than 150 volts around the operating voltage), providing the counter with a great immunity against high voltage variations.

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

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

In order to improve the reliability of the recorded data and to prevent measurement breakdowns, two independent systems perform contemporary the data acquisition. Each system is remotely controlled by a dedicated computer and is timed by a high stability quartz clock and/or a GPS receiver. One equipment runs according to a timing of 1 minute and fulfils the acquisition of the 16 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 rays, 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. Monica Laurenza
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,

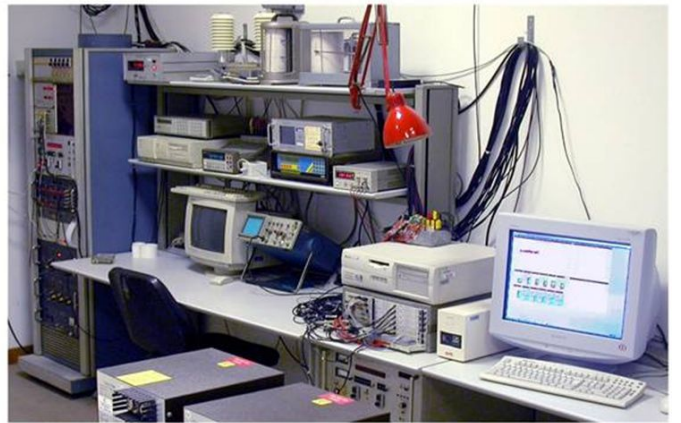
monica.laurenza@iaps.inaf.it



S.V.I.R.CO. Observatory

Rome

Italy



INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2019											16 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	37755	38570	37877	38021	37726	37819	37819	38196	38267	38531	38274	38263	100.562
	1	38358	38211	38518	38555	38181	38447	38275	37799	38025	38343	38279	38071	100.993
	2	38264	38073	38098	38730	38321	38627	38309	38195	38256	38571	37432	38464	101.055
	3	38250	37984	37566	38161	37971	37955	37884	37609	38658	38122	38350	37771	100.382
	4	38256	38725	38833	38811	38352	37975	37687	38369	38421	38433	38244	38742	101.387
	5	38091	38173	37925	38149	37213	37950	38120	38020	38037	38459	38257	38472	100.511
	6	38167	38695	38600	38205	37599	37501	38025	37828	37856	38214	38475	38463	100.678
	7	38020	38180	39228	37878	37827	38459	38086	38209	38073	38588	38010	38240	100.935
	8	38752	38417	38366	38260	37972	38272	38266	38468	38678	37708	37775	38218	101.013
	9	38009	38040	38348	38275	38231	38428	37679	38317	37811	38148	37908	38055	100.595
	10	38417	38137	38128	38007	38076	38645	38056	37739	38029	37492	37809	38051	100.449
	11	38092	37947	37691	38043	38126	38413	37999	38378	38114	38598	37286	38194	100.514
	12	38201	37508	38806	37613	38170	38246	37885	38222	38493	38201	38283	37947	100.666
	13	38109	37673	38183	38126	38724	38078	38516	38329	37869	38133	37802	38158	100.694
	14	38134	38106	38348	38239	38235	37873	38195	37978	37704	38126	38290	37988	100.587
	15	38372	37824	38076	38052	37735	37805	37719	38128	38246	38221	38250	38332	100.486
	16	38084	38263	38542	37991	37840	38150	38235	38058	37839	37388	38280	38197	100.511
	17	38062	38045	37927	38623	38949	38144	38167	38332	37987	37977	37996	37995	100.805
	18	38495	38701	37562	37915	37825	37448	38126	37927	38089	38157	37666	38117	100.326
	19	37440	37357	38553	38195	38668	37804	37885	38558	38207	39147	38101	38555	100.864
	20	38473	37937	37820	38117	38072	38498	38326	38437	38371	37821	38062	38371	100.827
	21	38347	38049	38707	38614	38660	37810	38443	38112	38271	38463	38049	37123	100.902
	22	38414	37436	38096	38102	38067	38107	37915	37944	37733	38129	38043	38054	100.329
	23	38020	37918	38092	38104	38290	37420	37881	37957	38237	37747	38449	37674	100.273
2	0	37533	38281	38570	38060	38213	38443	38021	37505	37818	37984	37788	37265	100.199
	1	38472	38541	38408	38118	38450	38337	38125	37888	38408	38084	37560	38684	100.996
	2	38378	38353	37744	38192	38016	37723	37811	37912	38189	37942	38079	38207	100.440
	3	38376	38086	39011	37425	38106	38584	38274	38230	38243	38262	37998	37866	100.861
	4	38621	38267	37994	38109	38258	38494	37748	38661	38152	37981	37973	38232	100.868
	5	38526	38398	38608	38317	39236	38230	38495	38030	38823	38072	38114	38111	101.411
	6	38705	38377	38119	38112	38633	39168	38411	38073	38189	37856	37838	38311	101.155
	7	38283	37821	38633	37906	38599	38386	38659	38620	38319	37958	38143	38165	101.088
	8	38377	37598	38504	38450	38163	37918	38326	38692	39025	38265	37984	37739	100.989
	9	38319	38499	38831	38059	38295	38742	38466	38316	37933	38578	38462	38617	101.446
	10	38183	38217	38058	38397	37942	38558	37822	38551	38461	37989	38006	38816	100.980
	11	37815	37935	37930	38560	38151	37879	38618	38453	38426	38497	38383	38190	100.945
	12	38319	38051	38354	38562	38072	38791	37879	38458	38022	38258	38377	38285	101.074
	13	37927	38435	38196	38122	38662	39015	37511	38107	38278	38166	38532	38754	101.135
	14	38213	38108	37933	38189	38228	37810	37950	38227	38153	38556	37842	38384	100.671
	15	38028	37813	38590	38263	38032	37674	38287	38339	38124	38171	37931	37806	100.553
	16	38369	38201	38231	39049	37736	37721	38299	37286	38035	37916	38509	38265	100.676
	17	38256	38439	38225	38162	37724	37814	37769	38752	37998	38116	38077	37986	100.610
	18	37724	38067	38046	38191	38078	37877	38515	38083	38441	37883	38375	37735	100.543
	19	38115	37896	37760	38010	37943	38421	38292	38615	37935	38066	38378	38209	100.681
	20	37913	37761	37905	37807	37938	37947	38259	38072	38495	37943	38320	37674	100.327
	21	38215	37746	38001	37588	37808	38537	38253	38239	38149	37846	38340	38338	100.553
	22	38362	38691	38021	38736	38128	38022	38517	37687	38259	38494	38964	38188	101.215
	23	38075	37932	37623	38418	38436	37945	37960	37766	38419	38139	38511	38586	100.718

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2019											16 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	38363	37634	37724	37848	37917	37596	38497	37731	38291	38395	37704	37658	100.177
	1	38088	38195	38566	37808	37877	37921	38048	38163	37203	38306	38527	38188	100.516
	2	37964	38133	37782	38281	38081	38344	38165	38070	37753	38132	37716	38090	100.432
	3	37179	37423	37877	37996	38425	37863	37694	37720	38172	37631	38143	38596	100.038
	4	38667	38350	38287	37850	38174	37597	38599	38004	38048	38427	38147	38320	100.863
	5	38167	38889	38085	38110	38486	38563	37720	37676	37722	38534	38292	38432	100.909
	6	38130	38560	38783	38655	38065	37887	38598	38296	38421	38369	37976	38270	101.203
	7	38072	38805	38007	38697	38329	38446	38503	38340	38524	38324	38522	38471	101.429
	8	37771	38346	37985	38067	38510	38226	38611	37888	38092	38006	38576	37869	100.748
	9	37927	38496	38168	37772	38266	38518	38103	38693	37741	38420	38535	38223	100.950
	10	38304	37856	38342	38440	38233	38381	38219	38373	38153	38527	38349	38637	101.160
	11	37757	37761	37987	38112	37954	38059	38094	38419	38192	38124	38365	38459	100.603
	12	37970	38130	38289	38137	37722	38356	37883	38583	38179	37943	37672	38169	100.547
	13	38703	38165	38390	38307	38036	38418	38186	38006	38701	37847	39105	38067	101.184
	14	38258	38186	38334	37998	37794	38590	38441	38470	37824	38464	38246	38105	100.916
	15	37827	38474	38203	37966	38514	38839	38312	38432	38094	38247	38263	38408	101.107
	16	38374	38838	38717	37983	38760	38061	39012	37963	37800	38218	37886	38494	101.224
	17	38163	38298	38689	38369	38153	38454	37847	38218	37906	38315	38044	38522	100.975
	18	38642	38145	37983	38100	38464	38041	37802	38499	38165	38009	38094	37709	100.684
	19	38109	37855	37675	38091	38481	38523	37803	38241	38268	38330	38015	38194	100.668
	20	39152	38021	37970	37825	38287	38311	38170	38543	38094	38521	38506	38322	101.139
	21	37694	38360	38662	38649	38732	37952	38361	38181	38438	37700	38052	38050	100.943
	22	38483	37952	38008	38455	38235	38137	38465	38028	38274	38275	38647	37825	100.932
	23	37777	38367	38093	37752	38218	38038	38040	37893	37956	38583	38125	37867	100.476
4	0	37635	37756	38524	37932	38229	37751	37201	38287	38060	38013	37885	38309	100.229
	1	37988	38076	37868	37897	37792	38539	38331	38287	38572	38129	37940	37653	100.556
	2	37750	38230	38069	38344	38639	37764	37914	38546	37753	38437	38011	38064	100.654
	3	38216	38604	38188	38175	38228	38451	38646	38530	37919	38097	38406	37786	101.034
	4	38364	38366	38790	38445	38105	38204	38345	38647	38925	38704	38179	38904	101.635
	5	38110	38403	38137	38741	38977	38037	38104	38687	38265	37860	38293	38463	101.217
	6	37882	38272	38523	38291	38084	38236	38292	39325	38612	38374	38284	38504	101.349
	7	38498	38536	38296	38815	37885	38301	38282	37783	38512	37847	38618	38073	101.078
	8	37751	38051	38531	38532	38338	38805	38162	38315	38310	38405	38449	38121	101.149
	9	38199	37520	38403	38582	38209	38800	37865	38874	37987	38189	38530	38055	101.027
	10	37401	38017	38218	38489	38381	37936	38402	38762	38258	37999	38022	38313	100.804
	11	38474	38281	38467	38010	37957	37849	38610	37881	38141	38548	38462	38078	100.926
	12	38394	38550	38702	38342	37955	38571	37793	38525	38329	38376	38845	38093	101.305
	13	38832	38578	38634	38435	38455	38350	38514	38199	38938	38368	38212	38583	101.661
	14	38330	38123	38308	38082	38159	38221	38533	38871	37943	37649	38310	38251	100.932
	15	38500	38210	38377	38395	38437	38056	38574	38140	38369	38337	38371	38354	101.227
	16	38402	38411	38199	37900	38089	38330	38170	37983	38263	38248	39147	38686	101.162
	17	38804	38459	38791	37991	38345	38620	38136	38113	38667	38348	38424	38229	101.404
	18	37860	37896	38564	38468	38259	38531	38944	38622	39113	37968	38094	38233	101.322
	19	38616	38685	38496	38131	38205	38628	38326	38450	38822	38004	38702	38177	101.473
	20	38569	38677	38144	38075	38281	38137	38365	38437	38921	38053	38591	38333	101.328
	21	38536	37754	38154	38572	38426	38574	38741	38171	38405	38409	38487	38226	101.300
	22	38128	38994	38329	38677	38591	38632	38463	38233	38718	38420	38272	38725	101.680
	23	38744	38303	38846	38336	38003	38443	38303	38044	38316	38213	38076	38938	101.325

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2019										16 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	38545	38280	38400	38999	38517	38181	38660	38276	38453	38288	38097	38610	101.488	
	1	38480	37963	38359	38696	38810	38458	38608	37916	38086	38251	38559	38373	101.323	
	2	38212	38652	38467	38282	38611	37788	38426	38061	38135	38637	38625	38834	101.361	
	3	38957	38646	38610	38482	37932	38536	38214	38519	38226	38521	38659	38652	101.630	
	4	38808	37932	38179	38047	38896	38561	38235	37802	38382	38509	38291	38775	101.292	
	5	38117	39373	38503	38203	37706	38594	38040	38394	38313	38941	38515	38512	101.466	
	6	38276	38350	38686	37657	38397	38523	38406	38137	38554	37892	38495	38461	101.164	
	7	38487	38073	38377	38752	38043	38194	39026	38582	38167	38412	38353	38798	101.478	
	8	38598	38183	38255	38546	38104	37933	38154	38259	38170	38623	38363	38553	101.143	
	9	38240	38478	38945	38315	38229	38661	38646	38812	38559	38441	38305	38213	101.606	
	10	38544	38360	38889	38447	38033	38118	39223	38054	38349	38513	38208	38524	101.478	
	11	38241	38686	38159	38231	38630	38846	38487	38414	37635	38038	38077	38597	101.209	
	12	38269	38406	37582	37841	38232	38447	37989	38392	39031	37852	38641	38585	101.039	
	13	38227	37943	38361	37869	38245	38468	38482	38101	37732	38073	38032	38792	100.831	
	14	38176	38450	38789	38603	38385	38587	38367	38642	38115	38267	38063	38456	101.398	
	15	38316	38310	38308	37986	38289	38995	38634	38540	38393	38591	37788	38674	101.381	
	16	38049	38257	38259	38529	38421	38323	38575	38925	38317	38181	37985	38546	101.281	
	17	38343	38655	38075	38160	38287	38022	38275	38704	38038	38105	38035	37750	100.859	
	18	37724	38022	38545	37984	38808	38389	38138	38174	38359	38899	38054	38079	101.018	
	19	38767	38377	37850	38303	37702	38631	38235	37915	38727	38858	38144	38316	101.161	
	20	37987	38736	38278	38401	38718	38849	38360	37922	38501	38177	38618	38419	101.412	
	21	38184	37979	38374	38741	38663	38348	38066	37624	38308	38209	37792	38683	100.974	
	22	38380	38135	38407	38515	38541	37882	37988	38057	38973	38187	38634	37952	101.123	
	23	38936	38639	38009	38057	38488	38670	37726	38376	38366	38250	38508	38475	101.310	
6	0	38132	38423	37524	38278	38693	38614	37995	37772	38252	38660	38316	38295	100.969	
	1	38512	38300	38478	38191	38122	38170	38421	38353	38113	38577	38657	38201	101.221	
	2	38627	38614	38693	38322	38656	38156	38885	38300	39502	38398	38255	38631	101.869	
	3	38363	38484	38221	38606	38467	38879	38343	38544	38558	38350	38045	38971	101.603	
	4	38408	38549	38177	38428	38523	38782	38322	38466	38298	38401	38048	38461	101.390	
	5	38014	38316	38394	38485	38740	37795	38517	38836	38371	38874	38743	38341	101.514	
	6	38283	38442	38326	38247	39153	38835	38228	38623	38684	37847	39027	38333	101.646	
	7	39119	38682	38212	38712	38749	39162	38592	38509	37945	38753				
	8								38203	38547	38821	38502	38528		
	9	38526	38652	38930	38223	38578	38998	38757	39422	38597	38309	38333	38662	102.077	
	10	38540	38599	38272	38635	38155	38057	38399	37855	38426	38056	37941	38838	101.150	
	11	37788	38418	38702	38359	38468	38332	38027	38358	37986	38913	38253	38189	101.155	
	12	38542	39128	38538	38753	38562	38275	38528	39064	38905	38737	38516	38570	102.106	
	13	38380	38531	38163	38147	38592	38565	38321	38278	38507	38656	38010	38358	101.312	
	14	37857	38701	38672	38432	38185	38847	38290	38351	39034	38743	38523	38516	101.673	
	15	37987	38589	37991	37993	38547	38384	38366	38823	38754	38075	37956	38125	101.110	
	16	38027	38285	38334	38492	38493	38465	38084	38978	38225	38049	38372	38261	101.215	
	17	38628	38668	38536	38437	38693	38404	38629	38069	38185	38674	38571	38519	101.643	
	18	38601	38876	38439	38888	37921	38071	38337	38526	37856	38551	39100	38800	101.632	
	19	38317	38367	38469	38119	38266	38743	38850	38884	38513	38682	38857	37768	101.603	
	20	38429	38294	38663	38291	38188	38806	38637	38008	38139	38586	38403	38739	101.460	
	21	38559	38284	38815	39312	38774	38129	37934	37778	38004	38272	38455	38551	101.391	
	22	38278	38382	39017	38507	38706	38915	38368	37916	38445	37534	39017	38786	101.612	
	23	38579	38386	38583	37900	38997	38955	38571	37785	38385	38236	38512	38438	101.492	

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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	38129	38568	38114	38907	38483	38523	38943	38403	38375	38381	38302	38691	101.596
	1	38682	38787	38499	37750	38166	38503	39029	38367	38316	38519	38182	38623	101.513
	2	38285	38245	38459	38526	38379	38178	38517	37751	38244	38381	37983	38322	101.039
	3	38318	37960	38680	38463	38806	38655	37849	37900	38174	38377	38809	38337	101.272
	4	37980	38822	38916	38912	38413	38003	38690	38134	38153	38414	38373	38053	101.390
	5	38381	38090	38619	38438	38507	38862	37745	38693	38877	37687	38271	38285	101.300
	6	38073	38125	38566	38209	37871	37937	38705	38739	38518	39011	38655	38317	101.359
	7	38318	38406	37963	38976	38760	38405	38115	37953	38487	38771	38502	38022	101.349
	8	38356	38527	37999	37766	38471	38396	38224	38582	38543	37739	37995	38405	100.981
	9	37999	38594	37912	37944	38385	38494	38360	38335	38725	38408	38154	38472	101.153
	10	38080	38599	38034	38472	38638	38126	38791	38081	39020	38362	38652	37950	101.377
	11	38263	38330	37878	38463	38382	38326	38541	38691	37945	37836	38461	38864	101.196
	12	38851	38487	38345	38297	39024	38441	38337	38468	38324	38361	38141	38178	101.475
	13	39058	38509	38119	38777	38203	38398	39073	37882	39156	38169	38338	38827	101.752
	14	38800	37937	38825	38549	38772	38661	38765	38659	38207	37966	38365	38767	101.700
	15	38835	38572	38688	38251	38596	38155	38441	38242	38713	38201	38179	38163	101.428
	16	38150	38417	38512	38558	37974	38544	38290	38191	38309	38177	38787	38323	101.251
	17	38427	38614	39144	38770	38597	38225	38193	38362	38772	38014	38287	38974	101.723
	18	38406	37887	38871	38815	38360	38623	38586	38348	37919	37959	38145	38550	101.304
	19	38708	38335	38755	38518	38372	38846	38227	38269	38962	38356	38460	38390	101.683
	20	38551	38805	38562	38368	38763	38554	38214	38655	38495	38383	38392	38056	101.595
	21	38086	38038	38157	38590	38165	38633	38640	38347	37998	38678	38716	38416	101.302
	22	38824	38049	37842	38377	38442	38228	38093	38136	38330	38011	38494	38482	101.048
	23	38748	37964	37883	38034	38374	38171	38542	38902	38327	38276	38651	38213	101.219
8	0	39113	38421	38212	38496	38735	38243	38789	38735	38426	38911	38206	38343	101.777
	1	38473	38392	37992	37716	38020	38262	39020	39084	38006	38435	37942	37903	101.034
	2	38372	38079	37729	38122	38389	38566	38664	38183	38476	37982	38207	38457	101.031
	3	38263	38699	38885	38639	38690	38537	38472	37876	38659	38578	38202	37986	101.527
	4	38229	38329	38109	38789	38527	38531	38405	38235	38781	38755	38342	38663	101.573
	5	38606	38436	39185	38025	38212	38006	38581	38152	38916	38712	38223	38212	101.479
	6	38972	38063	38644	38569	39042	38748	38999	38754	39173	38273	38978	38431	102.222
	7	38794	38774	38047	38132	38608	38351	38363	38964	38634	38335	38838	38560	101.728
	8	38230	39029	38091	38102	38176	38534	38641	38310	37888	38031	39209	38743	101.416
	9	38881	38178	39428	38652	39060	38282	38615	38777	37949	38532	38970	38578	102.058
	10	38428	38347	38496	38135	38072	38540	38038	38370	39055	38716	38598	38679	101.525
	11	38013	38070	38611	38185	38167	38322	38415	38390	38014	38442	38892	38518	101.209
	12	38384	38264	38338	38327	38735	38581	38980	39064	38910	38489	38158	38024	101.696
	13	38512	38614	38632	37925	38262	38342	38242	37862	38659	38320	38098	39269	101.362
	14	38709	38015	38552	37889	39175	38198	38312	38418	38465	38011	38316	38095	101.234
	15	37978	38103	37833	38460	38532	38660	38249	38324	38364	37844	38186	38358	100.956
	16	37683	37986	38047	39028	38182	37894	38570	38258	38700	38325	38519	38755	101.189
	17	38374	38618	38136	38695	38044	38245	38136	38662	38963	38733	38501	38386	101.528
	18	38109	37910	38096	38125	38155	38290	38013	38882	37983	37777	38056	38743	100.790
	19	37881	38367	38505	38031	38761	38361	38244	38333	37733	37443	38899	37837	100.847
	20	38149	38768	38720	38297	38456	38394	38492	38711	38736	38481	38057	38575	101.604
	21	38694	38226	38864	37984	38620	38855	39303	38342	38772	38760	38444	39112	102.075
	22	38296	38483	38639	38640	38708	37658	38649	38492	37847	38414	38329	38266	101.292
	23	38339	37891	37936	38128	38308	38732	38203	38103	38187	38302	38787	38463	101.064

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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	38718	38876	38617	38555	38408	38764	38444	38751	38635	37797	38541	38559	101.776	
	1	38499	38050	38467	38712	38173	38261	38121	38360	37939	37885	38315	39060	101.165	
	2	39149	38566	38248	38614	38734	38179	38258	38589	38816	38584	38352	38445	101.757	
	3	38003	38712	38219	38120	38485	38075	38297	38427	38412	38654	38664	38682	101.365	
	4	39026	37777	38887	38538	38706	38112	38494	38894	38682	38563	38578	38590	101.826	
	5	38309	38550	38284	38528	38751	39276	38357	38699	38529	38473	38571	38329	101.784	
	6	39399	38662	38668	38927	38497	38154	38757	38318	38881	38554	38664	39032	102.193	
	7	38588	38537	38262	38852	38494	38262	39082	38655	38423	38573	39145	39075	102.070	
	8	38028	38370	38310	38825	38658	38247	38630	38573	38312	38638	37938	38791	101.490	
	9	38821	38460	38857	38529	38319	38850	38919	38206	38867	38440	38779	38459	101.971	
	10	38634	38501	38715	39085	38635	38210	38330	38420	38317	38394	38179	38382	101.596	
	11	38331	38709	38299	38621	38852	38766	38188	38739	38845	38415	37937	39290	101.859	
	12	38755	38673	38715	39052	38673	38675	38551	39021	38267	38587	38653	38060	102.010	
	13	38263	38601	38521	38085	38766	38286	38271	38216	38204	38412	38061	38595	101.262	
	14	38529	38333	38528	37830	38953	38644	38297	37906	38400	38429	38579	38467	101.397	
	15	38341	38265	38994	37662	38013	38229	38054	38249	38290	38066	38288	38236	100.911	
	16	38052	38909	38637	38127	38532	38157	38257	38240	38139	37702	38546	38172	101.084	
	17	38150	37681	38000	38780	38209	38540	38677	38410	38340	37901	38502	38037	101.030	
	18	38366	38254	37993	38372	38347	38429	38336	38338	38369	38881	38105	38060	101.167	
	19	38258	37940	37805	38069	38239	37854	38525	37935	38212	37891	38365	38393	100.647	
	20	38004	38052	38682	38401	38687	38512	37886	38172	38451	37960	38665	38471	101.187	
	21	38267	38788	38158	38063	38296	38364	38343	38142	38060	37837	38477	38252	100.990	
	22	38572	38857	38374	38358	38340	38318	38483	38706	38606	38650	38614	38254	101.669	
	23	38382	38035	38365	38232	38581	37977	38568	38577	38738	38426	38045	38791	101.357	
10	0	38750	38684	38276	38647	38770	38302	38033	38150	38236	38664	38194	38064	101.368	
	1	38546	38640	38704	38598	38325	38173	38115	38058	38138	38543	38518	38627	101.417	
	2	38999	38448	38492	38545	38721	38690	38527	38241	38551	37984	38535	38155	101.615	
	3	38794	38940	38102	38714	38802	38478	38782	38669	38406	38499	38449	38499	101.889	
	4	38536	38759	38618	38675	38494	38671	38604	39161	39083	38295	38577	38254	102.020	
	5	38458	39080	38367	38861	38559	38649	38336	38707	38876	39290	38480	38297	102.071	
	6	38343	38548	38304	38197	38487	38660	38479	38449	38189	38975	38415	38497	101.539	
	7	37805	38330	38503	38249	38384	38087	38531	38138	38499	38157	38743	38143	101.105	
	8	38619	38164	38942	37849	38236	38953	37942	38423	38142	38567	38957	37677	101.303	
	9	37629	38745	38662	38372	38789	38917	38550	38602	38820	38211	38361	38641	101.706	
	10	38734	38515	38260	38134	38469	38104	38673	39183	39343	38750	38307	38809	101.922	
	11	38323	38860	37944	38356	38687	38497	38591	38716	38277	38733	38547	38660	101.682	
	12	38744	38084	38724	38230	38072	38131	38733	38243	38602	38190	38445	38936	101.450	
	13	38451	38450	38491	38648	38532	38379	38641	38747	38017	38305	38761	38060	101.526	
	14	38328	38833	38439	38190	38606	38622	38476	38796	38245	38392	39015	38396	101.714	
	15	38085	38709	38498	38778	38657	38054	38147	38343	38273	38545	38302	38006	101.288	
	16	38373	38094	38480	38640	38453	38681	39164	38542	38212	38415	37756	38268	101.438	
	17	38173	38656	38514	38478	38085	38366	38600	38219	38779	38197	38639	37542	101.255	
	18	38447	38130	38392	38826	38512	38279	38067	38167	38210	38398	38165	38304	101.177	
	19	37986	38165	38031	38895	38091	38201	38039	38290	37538	37589	38356	38566	100.704	
	20	37969	37704	38236	38010	37952	38342	37991	38211	38197	37934	38361	38066	100.534	
	21	38354	38095	37662	38252	38322	38356	38088	38586	37612	38625	37904	37636	100.648	
	22	38200	38403	38069	38407	38607	38274	38404	38651	38258	38048	37998	38797	101.226	
	23	38089	38351	38111	38148	37993	38210	38506	38535	38477	38628	38045	38041	101.010	

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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	38380	38495	37838	38682	38477	38489	38476	38176	37968	39068	38059	38848	101.410
	1	38197	38669	38073	38487	38275	38457	38156	38110	38544	38152	38328	38288	101.142
	2	38218	38127	38841	38075	39210	38488	38412	38210	38838	38575	38269	38411	101.568
	3	38079	38119	38000	38634	38392	37817	38060	38463	38272	38929	38060	38729	101.102
	4	38498	38507	38655	38248	38273	38235	38452	38199	38255	38588	38363	38506	101.371
	5	38517	38028	38594	38411	37884	38804	38530	38170	38180	38486	38617	38611	101.383
	6	37970	38539	38970	38188	38366	38659	38681	38703	38587	38511	38774	38143	101.660
	7	38997	38772	38056	38639	38334	38208	38410	38532	38861	38233	38135	38430	101.554
	8	38173	38430	38097	38201	38592	38712	38663	37775	38507	38410	37892	38520	101.193
	9	38501	38699	38571	38412	38084	38646	38074	38459	38203	38454	38411	38585	101.442
	10	38088	38125	38516	38339	37994	38699	38305	38268	38028	38402	39063	38506	101.274
	11	38737	38742	38617	38640	37792	38355	38610	38588	38261	39105	37983	38467	101.617
	12	38071	38487	38514	37850	38786	38107	38980	39218	38693	38611	38285	38227	101.603
	13	38425	38427	38415	38161	38768	39024	38203	38181	38279	38672	38497	38702	101.586
	14	38463	38421	38331	38404	38406	38669	38509	38588	38244	38696	37978	38115	101.381
	15	38082	38921	38355	37980	38394	38934	38516	38398	37954	39089	37871	38342	101.384
	16	37857	38048	38317	38873	38253	38103	38255	37993	38479	38410	38420	38634	101.121
	17	38309	38534	38195	38269	38278	38249	38498	38479	38408	38911	38155	38380	101.347
	18	38099	38405	38158	38605	38432	38309	38130	38160	38404	38071	38175	38092	100.989
	19	38207	38192	38425	38195	38402	38591	38803	37943	38368	38221	38450	38041	101.164
	20	38018	38622	38458	38148	38195	38682	38400	38070	38098	38494	38744	38064	101.199
	21	38823	38818	38387	38410	38175	38040	38246	38738	38181	38381	38170	37775	101.232
	22	38680	38561	38628	37856	37705	38296	38151	38296	38426	38978	38257	38308	101.231
	23	38437	38647	38126	38332	38147	38352	37989	38278	38665	38561	38542	37859	101.186
12	0	38167	38300	38861	38892	38358	38430	38605	38230	37895	38437	38357	38226	101.361
	1	38962	38447	38133	38119	38420	38283	38578	38276	38161	38828	38419	38531	101.454
	2	38547	38191	37615	38526	38828	38690	38163	38372	38590	38657	38076	38190	101.298
	3	38090	38654	38618	38694	39401	38307	38153	38187	38458	38418	38417	38401	101.596
	4	38685	38552	38157	38396	38285	39028	38395	38641	38531	38883	38628	38628	101.819
	5	38138	38883	38703	38120	38247	38745	38615	39054	38857	39172	38454	39133	102.106
	6	38365	38262	38666	38873	38762	38728	38405	38942	38518	38618	38459	38635	101.911
	7	38306	38586	38481	38335	38712	38563	38535	38194	38549	38442	38863	38881	101.739
	8	38344	38023	38856	39034	38305	38868	38218	38282	38693	38609	38775	38019	101.646
	9	38674	38827	38205	38652	38413	37861	38416	38931	39023	38239	38590	38566	101.727
	10	38089	38333	39016	38537	38796	37916	38572	38156	38192	38612	38663	38324	101.465
	11	38585	38706	38641	38399	38595	38933	38760	38724	38375	38454	38491	38817	101.966
	12	38918	38479	37980	39406	38970	38709	38939	38347	38475	38876	38849	38790	102.243
	13	38099	38593	38905	38655	38585	38565	38971	38374	38929	38605	38630	38731	102.001
	14	38341	38304	38907	38628	37885	38465	38599	38337	39006	38623	38372	38401	101.611
	15	37749	38658	38601	38408	38530	38511	38543	38828	38644	38676	37587	38870	101.554
	16	38766	38585	38168	38127	38568	38083	38434	38462	38370	38272	38080	37987	101.179
	17	37913	38692	38925	38215	38633	38216	38509	37983	38805	37926	38498	38641	101.411
	18	39002	38481	38391	38498	38637	38658	38702	38024	38715	37975	37990	37933	101.421
	19	38173	38407	38405	38121	38672	37969	38360	38328	38708	38837	38256	39006	101.473
	20	38641	38738	38025	38624	38705	38052	38715	38262	38473	38498	38110	38792	101.560
	21	38313	38477	37917	38155	38605	38320	38422	38853	38782	38324	37833	38432	101.296
	22	38435	38327	38594	38447	38146	38515	38324	39182	38895	38445	38450	38907	101.787
	23	38338	38742	38137	38417	38185	38267	38551	38627	38543	39075	38205	38140	101.470

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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	38594	38490	38625	38500	38691	38945	38657	38479	38660	38591	38198	38585	101.858
	1	38351	38362	38382	38880	38728	38518	38111	38621	38246	38478	38631	38557	101.610
	2	38062	39223	38505	38798	38226	38376	38327	38161	38687	38607	38248	38709	101.625
	3	38156	38351	39001	38530	38536	38156	38723	38534	38625	38658	38656	38607	101.758
	4	38802	38401	38408	38128	38823	38962	38329	38849	38364	38614	38785	38550	101.864
	5	38365	38575	38570	38960	38871	39029	38331	38582	38451	38608	38170	38609	101.887
	6	38388	38010	38300	38512	38318	38456	38696	38689	38508	38637	38708	38653	101.613
	7	39124	38424	38436	38459	38738	38147	38165	37591	38100	38319	38661	38001	101.235
	8	38370	37927	38748	38624	38410	38737	38347	38630	38990	38983	39086	39496	102.158
	9	38141	38633	38814	38844	38835	38490	38740	38542	38320	38278	38168	38295	101.662
	10	38857	38823	38708	38268	38624	38072	38579	38647	38662	38596	38207	38495	101.758
	11	38778	38370	38327	38706	38845	38409	38250	38688	37820	38463	38494	38325	101.524
	12	38229	38652	38546	38522	38461	38543	38524	38663	38342	39018	38819	38157	101.746
	13	38311	38168	38330	38450	38748	38291	38606	38045	38116	38236	38358	38438	101.223
	14	38836	38197	37876	38684	38744	38568	37864	38457	38650	38564	38300	38247	101.417
	15	38284	38371	38272	38361	38726	38795	38747	38102	38333	38341	38999	37744	101.436
	16	38408	38552	38801	38354	38471	38844	38533	37679	38719	38301	38866	38475	101.640
	17	38392	38410	38195	38713	38553	38402	38339	38408	38305	38632	38910	38601	101.609
	18	38722	38292	38289	38553	38276	38369	38909	39267	38813	38334	38364	38399	101.769
	19	38134	38098	38790	38483	38362	38161	38626	38709	38540	38733	38487	38461	101.548
	20	38187	38575	38552	38881	38995	38704	38903	38817	38761	38578	38155	38397	101.972
	21	38892	38798	39286	38678	38720	38714	39061	38687	38618	38822	38648	38402	102.373
	22	38277	38559	38130	38211	38587	38365	38201	38312	38733	38110	38158	38747	101.286
	23	38764	38159	38124	38422	38625	38496	38406	38088	38696	38696	38619	38227	101.491
14	0	38530	38416	38566	38156	38663	38186	38607	38427	38402	38634	38196	38346	101.470
	1	38468	38762	38320	38236	38688	38420	38761	38412	38496	38494	38157	38282	101.530
	2	38388	38308	38097	38359	38003	38526	37916	38280	38298	37987	38949	38620	101.141
	3	38444	38567	38296	38754	38710	38113	38852	38908	38526	38045	38491	38701	101.730
	4	38432	38586	38218	38194	38852	38019	38397	38612	38315	38104	38058	38530	101.270
	5	38221	38484	38463	38784	38547	38558	38522	38185	38332	38047	38529	38313	101.418
	6	38269	38774	38360	38147	38306	38380	38241	38784	38626	38342	38013	38721	101.412
	7	38943	38776	39035	38469	38227	38029	38708	38558	38804	38604	38508	38982	102.002
	8	38591	37987	38242	38419	38505	38361	38206	38888	38260	38847	38697	38641	101.561
	9	38757	38101	38701	38480	38127	38281	38335	38568	38155	38386	38713	37960	101.325
	10	38179	38050	38634	38155	38286	39013	38287	38639	38501	38039	37961	38046	101.154
	11	38149	37805	38566	38463	38386	38522	38543	38474	38655	39162	38414	38510	101.562
	12	38425	38624	38391	38281	38089	38613	38828	37973	38741	38130	38269	37958	101.272
	13	38234	38472	38883	37559	38955	38631	38238	38562	38584	38065	38005	38659	101.387
	14	38441	37973	37833	38040	38540	38569	38511	38222	38359	38406	38668	38098	101.125
	15	38227	38557	38709	38391	38278	38313	38051	37798	37973	38114	38271	38496	101.020
	16	38614	38921	38334	38824	38247	38912	38331	38285	38425	38272	38031	38407	101.554
	17	37894	38626	38559	38270	37777	38733	38124	38517	38493	37959	38091	38342	101.065
	18	38163	38637	37862	38285	37878	37847	38430	38352	38297	38198	38156	38270	100.842
	19	38055	38355	38530	37953	38194	38359	38121	38817	38160	38115	38233	38467	101.059
	20	38553	38282	38162	38440	38063	38533	38597	38299	37731	38369	38544	37724	101.046
	21	38050	37873	38040	38214	38282	38130	38107	38110	38063	37810	38185	38184	100.551
	22	37515	38115	38526	38443	37978	38845	37717	37783	38510	38088	38093	37837	100.640
	23	37666	38160	38367	38462	38088	37900	38441	37738	38507	38302	38602	37979	100.806

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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	38399	38031	38434	38372	38317	38203	38363	38265	38076	37662	38700	38071	100.961
	1	37400	38172	37988	38950	38605	37503	38490	38276	38555	38182	37858	38583	100.883
	2	38272	37962	37369	38226	38148	38892	38419	38406	38407	39068	38637	38239	101.210
	3	37230	38205	38636	38611	38214	38184	39411	38444	38099	38487	38522	38337	101.283
	4	38322	38426	38660	38531	38620	38606	39046	37680	37729	39030	38248	38081	101.416
	5	38168	38118	38498	38031	37565	38394	38124	38152	38415	37808	38056	38550	100.733
	6	38521	38426	38314	38458	38427	37915	38697	38558	38188	38262	38015	38762	101.319
	7	38187	38472	37674	37799	38168	39066	38197	38578	38452	38385	38057	38278	101.048
	8	38115	38197	38165	38318	38836	38480	37906	38359	38590	38819	38545	37946	101.261
	9	38094	38599	38361	38884	38298	38205	38424	37971	38450	38907	38114	38177	101.307
	10	38514	38989	37874	38499	38688	38601	38591	38587	38178	38622	38308	38008	101.521
	11	38477	38374	38574	38156	38141	38199	37724	38409	38028	38651	37721	37709	100.796
	12	38640	38029	37852	38463	38090	38790	38567	38785	38112	37840	38129	38141	101.076
	13	38555	38547	38409	38076	37976	38397	38605	38025	38271	38384	38413	37934	101.110
	14	37647	38474	38477	38061	38383	38202	38122	38249	37781	37668	38694	38193	100.749
	15	38477	37999	37710	38278	37889	38523	38207	37649	37987	37987	37722	38266	100.473
	16	37918	38110	38403	38021	37865	37804	37954	37368	38503	37675	38530	38155	100.387
	17	37781	38306	38948	37785	37640	37642	37725	38225	38484	37738	38057	37980	100.388
	18	38178	37755	38360	38455	38376	37243	38382	38604	38389	37713	37551	38223	100.591
	19	38381	37893	38119	38265	37906	38138	38213	37712	38551	38715	38253	38428	100.886
	20	38517	37904	37999	38102	38513	38549	38004	38314	37782	38413	38070	38368	100.878
	21	38075	38312	38504	38534	38318	38283	38030	38674	37841	38037	38888	38279	101.151
	22	38320	37984	38556	37947	38417	38338	37386	37749	38108	38593	38211	38097	100.695
	23	38111	38188	38617	38035	38090	38413	38281	38317	38470	38268	38112	38459	101.059
16	0	38531	38987	37562	38321	38578	37887	37652	38116	37802	38364	38491	38557	100.947
	1	38557	38772	38312	38301	38344	38186	38452	38246	38439	38221	38349	38218	101.287
	2	38526	38404	38005	38017	37988	38291	38085	38263	38130	38197	38377	38123	100.849
	3	38177	38240	38279	37956	37990	37802	38087	38420	38134	38601	38223	38161	100.776
	4	38054	38309	37679	38145	38600	38636	38019	38588	38354	38342	37891	38269	100.955
	5	38170	38422	37940	38043	38231	38051	37877	38485	38603	37903	38685	38522	100.965
	6	38837	38704	37817	38682	38040	38542	38189	38465	38309	37876	38154	38063	101.129
	7	38593	38303	38199	37688	38605	38332	37886	38352	38737	38350	38865	38760	101.347
	8	38118	38179	38121	38045	38319	38404	38355	38423	38493	38141	38271	38029	100.958
	9	38764	38204	38327	38465	37732	38584	38492	38114	37869	37727	38516	38488	101.042
	10	38650	38429	38328	38799	38267	38714	37766	38866	38240	38695	38254	37658	101.346
	11	38469	38404	38643	39108	38505	38136	38232	37619	38640	38034	37754	37876	101.072
	12	38050	38014	38825	38262	38735	38794	38245	38076	38148	38745	38209	38312	101.291
	13	38298	38385	38742	38075	38841	37948	38417	38593	38109	38661	38203	38402	101.348
	14	38102	38692	38376	38184	38260	38457	38616	38727	38260	38346	37672	37945	101.120
	15	38527	38608	38019	38491	38362	37709	38279	37818	38805	38463	37843	38099	100.985
	16	38235	38404	37854	37869	38239	38062	38428	38437	38573	38549	38748	38541	101.186
	17	38533	38596	38116	38129	38219	38382	37884	38516	38480	39097	38569	37899	101.292
	18	38188	38216	38353	38708	38223	37811	38745	38398	38304	37899	38141	38451	101.076
	19	38094	38707	38320	38277	38106	37690	38135	38167	37759	38626	38437	38681	100.980
	20	38254	38676	38689	38410	38179	38282	38428	38570	38038	38231	38998	39261	101.644
	21	38215	38271	38950	38110	38254	38230	38201	37596	38227	38246	38596	38231	101.008
	22	38222	38787	37435	38596	38102	38629	38588	38062	38053	38053	38334	38237	101.001
	23	38393	38195	38366	38120	38412	38329	38451	38139	38250	38633	38250	38544	101.218

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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	38642	38039	38133	38601	38041	38043	38674	38187	38600	38098	38012	38376	101.080	
	1	38526	38749	38205	38501	38384	38841	38076	38314	38685	38315	38545	38307	101.518	
	2	37912	38323	38748	38722	38667	38361	38507	38288	38329	38734	38249	38965	101.597	
	3	38331	38417	38438	38599	38569	38467	38558	38096	37991	38312	38805	38502	101.439	
	4	38822	38482	38319	38874	38319	38498	38354	38767	38350	37976	38181	38524	101.523	
	5	38441	37906	38350	38314	38358	38155	38663	38097	38479	38465	38707	38709	101.342	
	6	38574	38526	38643	38835	37866	38375	38146	38520	38557	38510	38941	38711	101.685	
	7	38823	38178	38452	38153	38380	38670	38801	38804	38532	38939	38701	38343	101.811	
	8	38623	39021	37744	38671	38679	38691	38918	38147	37825	38664	38557	38098	101.561	
	9	38356	38080	38636	38783	38496	38529	38385	38947	38381	38539	38171	38150	101.520	
	10	38817	38487	37763	38623	38640	37971	38003	38470	38094	39007	37968	38254	101.221	
	11	38375	38326	37790	38462	38422	38607	38106	38763	38768	38536	37960	38313	101.294	
	12	38633	38287	38692	38152	38160	38116	38269	38246	38611	38637	38888	39099	101.594	
	13	38297	38481	38628	38110	38599	38829	38635	38203	38616	38375	38464	37960	101.463	
	14	38588	38734	38718	38664	38517	38306	38469	38296	38611	38787	37706	39141	101.759	
	15	38388	38403	38392	38332	37937	38699	38337	38623	38177	38647	38530	38305	101.369	
	16	38620	38724	38062	38558	38090	38274	38283	38443	38475	38198	38025	37963	101.137	
	17	38318	38447	38433	38374	38643	37921	38756	38403	38095	38880	38236	38601	101.444	
	18	38518	38881	38929	38461	38918	37976	37991	38459	38068	38623	38355	38585	101.588	
	19	38402	38076	38783	38273	38958	38185	38608	38613	38697	38491	38855	38658	101.772	
	20	38624	38064	38464	38068	37997	38329	38483	38328	39434	38550	37992	38760	101.440	
	21	38593	38342	38736	38506	38285	38017	38682	38046	38694	38215	39223	38052	101.506	
	22	38648	38535	38304	38735	38268	38117	37806	37999	38538	38610	37853	38547	101.191	
	23	38050	38249	38495	38745	38159	38475	38350	38104	38579	38077	38642	38928	101.388	
18	0	38673	38180	38353	38448	38567	38617	38283	38403	37976	38294	38456	38574	101.382	
	1	38486	38717	38144	38019	38225	38691	38545	38177	38589	38079	38457	38416	101.320	
	2	38127	38119	38104	37828	37760	38526	37905	38781	38242	38100	38537	38127	100.794	
	3	38315	38546	38560	38441	38736	38073	38295	38547	38818	38526	38961	38850	101.787	
	4	38615	38366	38111	38228	38134	38592	38397	38392	38161	38727	38402	38550	101.348	
	5	38100	38295	39100	38259	38035	38721	38400	38561	38276	38221	38287	38202	101.300	
	6	38972	37971	38315	38911	38188	38500	38397	38694	38422	38089	38872	38492	101.601	
	7	38661	38249	38706	37740	38721	37972	38677	38397	37998	39150	37959	38832	101.434	
	8	38351	38363	38515	38343	38381	38063	38674	38267	37818	38927	38271	38026	101.200	
	9	38335	38144	38433	38415	38843	38635	38587	38552	37972	38248	38312	38314	101.373	
	10	38370	38817	38068	38513	38234	38433	38605	37882	38310	38502	38604	38585	101.403	
	11	38317	37673	37688	38611	38526	38271	38982	38825	38564	38525	38729	38603	101.490	
	12	38495	38288	38723	38691	38448	38900	38478	38539	38654	38254	38220	38536	101.690	
	13	38482	38575	38543	38873	38736	38692	38595	38242	38346	37974	38301	37739	101.442	
	14	38475	37746	38163	38372	38386	38112	38499	38424	38453	38507	38164	38283	101.108	
	15	38330	38294	38047	38554	39066	38120	38411	38634	38224	38246	38338	38176	101.297	
	16	38822	37982	38813	38589	38163	38270	37975	38587	38374	38366	38831	38465	101.472	
	17	38419	37525	38449	38208	38638	39212	38471	39376	38682	38582	38488	38937	101.857	
	18	38433	38684	38243	38550	38523	37904	38457	38239	38508	38344	38059	38362	101.267	
	19	38257	38334	38258	38965	37983	38645	38593	38157	38693	38814	38301	38502	101.530	
	20	38570	38311	39461	39099	38242	38437	38459	38944	38638	38542	38070	38354	101.888	
	21	38234	38488	37903	38663	38016	37928	37418	38328	38646	38158	38691	38636	101.004	
	22	38309	38273	38145	38023	37893	38817	38511	38195	38470	38546	38185	38198	101.104	
	23	38392	38230	38571	38191	38575	38479	39002	37566	37769	38383	38291	38679	101.229	

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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	38173	38279	38589	38061	38651	38451	38394	38383	38603	38478	37585	38097	101.143
	1	38521	38863	38513	37776	38432	38745	38737	38674	38077	38744	38783	38573	101.737
	2	38274	38655	37941	38554	38488	38009	38649	38536	37713	38876	38361	38370	101.294
	3	38575	38665	37919	38408	38403	38616	38763	39347	38689	38955	37784	38418	101.759
	4	38632	38470	38275	38617	38309	38243	39084	38613	38113	37553	38594	38060	101.324
	5	38286	37784	37786	38057	38646	38273	37930	38389	38548	38151	38086	38008	100.748
	6	38587	38057	38478	38160	38390	38251	37824	38526	38016	38483	38157	38449	101.063
	7	38269	38594	38603	38461	38367	38734	38253	38267	38043	38656	39381	38373	101.640
	8	38655	38386	38563	38247	38541	38203	38748	38799	38778	38450	37905	38199	101.524
	9	38073	38451	38985	38398	39245	38250	38391	38581	38404	38574	38312	38469	101.669
	10	38616	37847	37859	38568	38207	38646	38185	38503	38534	38617	38997	38783	101.500
	11	38549	38565	38418	38475	38449	38422	38558	39144	38311	38799	38521	38956	101.897
	12	38101	38795	38881	38578	38551	38324	38673	38265	38938	38465	37837	38782	101.681
	13	38466	38141	38577	37973	38781	38406	38858	38230	38074	38631	38394	38427	101.411
	14	38423	38372	38860	38690	38655	38719	38711	38663	38791	38198	38190	38476	101.805
	15	38189	38258	38107	38340	37921	38356	38118	38343	38708	37704	38207	38368	100.896
	16	38217	38428	38361	37974	38506	38263	38438	38821	38438	38107	38126	38260	101.187
	17	38544	37930	38121	38192	38473	38421	38472	38871	38247	38488	38748	38362	101.391
	18	38664	38419	38649	38113	38543	38373	38683	38363	38384	38283	38167	38666	101.488
	19	38736	38506	38384	38643	38424	38715	38434	38644	38492	38215	38127	38356	101.569
	20	38337	38091	38864	38066	38289	37951	38139	37884	38499	38470	38254	38596	101.077
	21	37591	37991	38959	38250	38869	38530	38241	37864	38136	38729	38911	38236	101.268
	22	38793	37868	38488	37888	38513	38431	37690	38341	38564	38424	38602	38391	101.199
	23	38310	38484	38629	38323	38466	38200	38226	38379	38329	38282	38336	38674	101.340
20	0	38483	38361	38540	38460	38313	38551	38141	37920	38877	38478	38558	38613	101.484
	1	38313	38336	38488	38060	38509	38597	38405	38240	38268	38792	38426	38345	101.371
	2	38067	38206	38503	38257	38465	38225	38665	38482	38068	38555	38255	38685	101.295
	3	38714	38536	38623	38590	37878	38392	38563	38316	38289	38479	38885	38626	101.616
	4	38434	38385	38855	38859	38397	37943	38683	38275	38416	38031	39006	38517	101.596
	5	38691	38879	38203	38994	38998	37832	38871	38513	38356	38465	38222	38464	101.748
	6	39032	38704	38080	38543	38906	38965	38611	38452	38958	38486	38319	38808	102.050
	7	38566	38586	37833	39148	38077	38646	38702	38637	38044	38432	38858	38086	101.555
	8	38810	38380	38576	37819	38638	38848	38428	38404	38422	37691	38611	38550	101.459
	9	37919	38375	38677	38512	38141	38329	39083	38828	39010	38329	38880	38067	101.673
	10	38251	38306	38431	38704	38655	38409	38991	38741	38573	38481	38138	38854	101.758
	11	38519	38685	38482	38226	38646	38503	38815	38890	38300	38728	38826	38982	101.993
	12	38674	38420	38184	38014	39195	38676	38083	38597	38520	37817	37886	38108	101.238
	13	38307	38781	38529	38639	38958	38503	37866	38501	38234	38603	38280	38203	101.508
	14	38932	38843	39133	38444	38257	38174	39185	38352	38533	38222	38620	38399	101.880
	15	38335	38256	38307	38468	39244	38478	38203	38387	38245	37805	38857	38394	101.415
	16	38241	37837	38864	38682	38933	38359	38143	38319	38235	38409	38223	38002	101.254
	17	39009	38118	38318	38166	38569	38403	37938	38756	38267	38871	38600	38796	101.599
	18	38445	38417	38949	38458	38469	38518	39135	38038	38381	38594	38442	38392	101.692
	19	38112	38449	38289	37812	38648	38475	38421	38196	37958	38533	38186	38340	101.072
	20	38232	38741	38670	38528	38037	38230	38116	38070	38402	37918	38375	38148	101.083
	21	38347	38039	38098	38444	38437	38754	38378	38328	38674	38020	38656	37762	101.187
	22	37990	38278	38363	37873	37892	38413	38262	38680	38606	38413	38396	38719	101.176
	23	38851	38196	38430	38209	38210	38817	38836	38467	38374	38748	38973	37971	101.658

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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	38100	38193	38297	38573	38520	38386	38024	39044	37975	39039	38657	38802	101.540
	1	38591	38871	38449	38215	38235	39160	38534	38387	38471	38908	38326	38358	101.751
	2	38017	38363	38324	38694	37433	38651	38013	38382	38782	38777	38680	38090	101.246
	3	38145	38361	38475	38323	38703	38157	38215	38489	38554	38729	38280	37620	101.212
	4	38207	38114	38318	38378	37885	38585	38565	38663	39076	38467	38375	38646	101.482
	5	38433	38483	38325	38391	38268	38313	38928	38469	38141	38176	38016	38529	101.304
	6	38282	38628	37995	38714	38598	38497	38513	38644	38056	38414	38234	38442	101.423
	7	38219	38615	38407	38606	38284	38760	38339	38540	38832	38504	38226	38153	101.527
	8	38140	39181	38441	38770	38704	38078	38768	38375	38113	38218	38762	38059	101.554
	9	37806	38774	38488	38422	38117	37973	38953	38617	38383	38940	38713	38489	101.569
	10	38933	38084	38555	38014	38411	38224	38540	38228	38364	38813	38194	38343	101.354
	11	38219	38491	38425	38519	38902	38668	38620	38943	38078	38592	38845	38285	101.769
	12	38337	38120	38639	38544	38475	37921	38377	38468	38242	38519	38331	38421	101.287
	13	38863	39299	38680	37888	38443	38853	38316	37874	38345	38608	38511	39122	101.817
	14	38132	38284	38382	38332	38275	38307	38704	38285	38573	38031	38494	38451	101.255
	15	38241	39503	38920	38591	38253	38813	38371	38163	38286	38089	38049	38513	101.596
	16	38559	38021	38144	38500	38429	38022	38227	37824	37874	38006	38648	38506	100.927
	17	37836	38475	38625	38109	38367	38424	38791	38290	38609	38359	38863	37962	101.356
	18	38413	39112	38520	38009	38615	38510	38517	38253	38180	38287	37814	38321	101.322
	19	38271	38420	38512	38662	38478	38636	38152	38305	38269	38367	38916	38554	101.539
	20	38107	38409	37842	38704	38115	38876	38473	38583	38230	38108	38021	37771	101.032
	21	38752	38178	38072	38509	38359	38829	37834	38181	38277	38389	38497	38700	101.328
	22	38348	38242	37871	38665	38308	38340	38143	38698	38212	37775	38368	38029	100.980
	23	37867	38729	38815	38555	38934	38152	38489	37629	38063	38111	38166	37892	101.068
22	0	38123	38498	38278	37637	38454	38456	38466	38307	37955	38539	38282	38338	101.023
	1	37878	38353	38036	37881	38098	38606	38373	37990	38495	38282	38245	38075	100.830
	2	38866	38022	38810	38183	38165	37994	38477	38875	37893	38276	38192	38746	101.310
	3	38974	38083	37884	38557	38405	38685	38640	37987	37997	38652	38558	38524	101.410
	4	38534	38681	38540	38889	38345	38702	38557	38462	38247	38355	37979	38183	101.524
	5	38359	38256	38237	38247	38335	38226	38775	38559	38477	38561	38130	38761	101.403
	6	38428	38464	38647	38524	38782	38208	38471	38885	38698	39381	38506	38468	101.962
	7	38531	38382	38200	38664	38447	38557	38730	38239	38490	38167	38107	38501	101.424
	8	38566	38681	38415	39030	38538	38127	38805	38703	38220	37934	38549	38239	101.598
	9	39188	38629	38592	38032	38957	38332	38530	38608	38432	38217	38800	38818	101.890
	10	38320	38118	38538	38727	38469	38139	38603	38603	38629	38329	38223	38579	101.481
	11	38311	38689	39032	38152	38891	38610	38496	38881	37765	38280	38419	38187	101.577
	12	38188	38719	38419	38169	38617	38275	38357	38726	38545	38818	38656	38327	101.600
	13	37475	38099	38606	38407	38198	38676	38000	38396	38265	38592	38776	38380	101.171
	14	38527	38507	38628	37825	38306	37961	38909	37538	38090	38469	38199	37364	100.832
	15	38784	38470	38141	38622	37934	38219	38488	38305	37984	37966	37946	38027	100.956
	16	38455	38217	38410	38361	38452	38374	38085	38234	38251	38153	38056	38090	101.011
	17	38453	37897	38620	38808	38405	38255	38158	38715	37907	37751	38894	37928	101.155
	18	38279	38431	38306	37966	38187	38280	38154	37925	38555	37646	38549	37910	100.802
	19	38406	38975	38085	38454	37980	38487	38272	38240	38245	38617	38159	38224	101.232
	20	38698	38404	38927	38486	38366	37884	38248	38039	38435	37986	38319	37666	101.082
	21	38573	38254	38173	38301	38261	38143	38118	38090	38120	38439	38364	38576	101.071
	22	37234	38699	38221	38142	38682	37877	38135	38642	38309	38177	37977	38483	100.887
	23	37803	38274	38111	38150	38067	38826	38424	38798	38091	38953	38632	38176	101.267

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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	38781	38350	37928	39272	38732	38322	38357	38863	38390	38676	38134	38303	101.655
	1	38142	38771	38649	38276	37995	38567	38139	38279	38710	37921	38793	38116	101.279
	2	37909	38370	38415	38455	38537	38206	38062	37917	38060	38196	38290	38422	100.945
	3	38783	37991	38057	37990	38019	37923	38063	37984	38780	38209	38234	38467	100.870
	4	38540	38263	38302	38212	38392	38576	38293	38759	38050	38545	38746	38847	101.535
	5	38655	38782	38362	38442	38108	38617	39113	38173	38672	38829	38324	38301	101.723
	6	38512	38405	38045	38255	38359	38407	38753	38688	38398	38251	38558	38926	101.542
	7	38960	38185	38629	38070	38356	38735	38331	38457	38139	38375	38889	38425	101.542
	8	38115	38131	38741	38098	38315	38119	38391	38827	38112	38350	38299	37730	101.031
	9	38491	38667	38703	38651	37805	38399	38188	38393	38607	38865	38263	38067	101.442
	10	37979	38376	38025	39033	37851	37871	38559	38189	38429	38130	37443	38556	100.857
	11	39269	38226	39296	37855	38166	38054	37880	38793	38316	38281	38959	38359	101.520
	12	38366	38541	38232	38884	38455	38678	38547	38492	38751	38544	38228	38561	101.701
	13	38185	38672	38237	38511	38586	38873	38035	38579	38281	38275	38584	39065	101.614
	14	38506	38569	38715	37951	38705	38283	38562	38278	38324	38055	38374	38005	101.272
	15	38654	38127	38594	38017	37933	38157	38461	38596	38698	37863	38134	38269	101.092
	16	37686	38669	38202	38515	38409	38355	38227	38191	38226	38423	38715	38597	101.247
	17	37692	38167	37827	37717	38348	38588	38587	38120	38854	38126	38408	38366	100.935
	18	38851	38010	38165	38440	38874	38171	38627	38106	37533	38566	38022	38133	101.090
	19	38551	38548	37684	38296	38422	38769	38376	38136	38708	38172	37978	38200	101.165
	20	38115	38075	38143	37783	38039	38567	38098	38680	38339	38653	38835	38915	101.253
	21	38335	38650	38589	38256	38799	37893	38021	38508	38377	38456	37613	37991	101.088
	22	38464	38427	38484	37848	38195	38489	38123	37950	38285	38099	38446	38323	101.010
	23	38277	38575	38230	38434	38149	38288	38365	38517	38848	38851	38473	38010	101.424
24	0	38219	38561	37773	38832	38183	38826	38845	38221	38581	37959	38387	38170	101.332
	1	38398	38886	38467	38832	38529	38295	38489	38455	38539	38039	37990	38794	101.577
	2	38138	38124	38348	38496	38557	38611	38583	38046	38102	38558	38414	37927	101.179
	3	37977	38364	38288	38291	38497	38656	38194	38950	38231	38090	38617	38365	101.315
	4	38343	38659	37832	38762	38174	38722	38510	38593	38745	38380	37670	38223	101.335
	5	38098	38556	38140	38580	38655	38629	38526	38737	38271	39118	38184	38019	101.533
	6	38845	38710	38419	38566	38858	38767	38039	37881	38555	38712	38094	39306	101.806
	7	38419	38217	38271	37960	38007	38400	37988	38017	38673	38852	38449	39113	101.280
	8	38332	38263	38557	38161	38519	38032	38568	38460	38455	38513	38470	38721	101.431
	9	38389	38603	38358	38194	38354	38642	38916	38233	38992	38507	38231	38708	101.668
	10	38333	38637	37661	37990	38549	37883	38338	38395	38496	38171	38242	38614	101.048
	11	38061	38366	37994	38567	38280	38325	38154	37832	38302	37778	38457	38719	100.943
	12	38099	37807	38848	38084	38365	37956	39009	38618	38104	37980	38482	37845	101.024
	13	38085	38287	38480	38635	38413	37979	38409	38212	38500	38751	38259	38096	101.224
	14	38761	37273	38318	38398	38088	38841	38246	38053	38758	38420	38021	38013	101.022
	15	37838	38273	38380	38258	37894	38612	37914	38448	38213	37890	38505	38260	100.867
	16	38203	38409	38066	38575	38505	37901	37711	38431	38447	37870	38094	38990	101.024
	17	38314	38225	38063	38260	38344	38047	38342	38403	37975	38154	38177	38645	100.969
	18	38294	38483	38854	38494	38649	38448	38381	37620	38152	38121	38160	38332	101.198
	19	37842	38529	38155	38008	38076	38066	37884	38206	38438	37987	38357	37501	100.551
	20	38063	38386	38001	38539	37540	38599	38176	38096	38186	38113	38392	38507	100.891
	21	38169	38250	38665	38092	37640	38422	38021	38599	37936	38001	37987	38567	100.837
	22	37874	38589	38145	38080	38332	37896	38221	38276	38049	38659	37911	38149	100.800
	23	37903	38584	38524	38532	38100	38471	38256	38268	38370	38695	38428	38425	101.322

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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	38313	38233	38511	38416	37876	38288	38131	38592	38120	38380	38167	38555	101.102	
	1	37503	37966	38572	38312	38240	38030	37769	37961	38221	38092	37965	38366	100.539	
	2	38377	38242	38493	37688	38416	38199	38252	38201	38648	38218	37744	38647	101.007	
	3	37983	38351	38058	38139	37889	38536	37818	37733	39213	38433	38226	38027	100.850	
	4	38619	38399	38300	37626	37489	38054	38491	38221	38724	38478	38123	38429	100.970	
	5	37997	37975	38045	38630	38606	37814	38248	38118	38251	38273	38609	38432	100.980	
	6	38441	38649	38306	38772	38039	38159	38307	37767	38647	38585	38315	38332	101.270	
	7	38469	38566	38277	38346	38158	38185	38176	38225	38048	38149	38332	38377	101.048	
	8	38103	38286	38332	38108	38155	39069	38071	38177	38437	37631	38104	38457	100.964	
	9	38158	38708	38788	37907	38206	38109	38689	38087	38477	38422	39467	38170	101.461	
	10	38654	38415	37884	38531	38737	37957	38366	38215	38172	38615	38968	38764	101.482	
	11	38682	38229	38544	38436	38326	38626	38257	38463	38324	38092	38006	37968	101.190	
	12	38218	38697	38173	38680	38349	37647	37942	38250	38202	38244	38213	38328	100.967	
	13	38232	37871	38914	38042	38426	38320	38647	38542	38127	38019	37851	37793	100.932	
	14	38116	38057	38057	38127	38829	38235	38540	38311	38521	38176	38381	38256	101.113	
	15	38722	37522	38201	38382	38133	38296	38115	38655	38051	38570	38096	38215	100.971	
	16	38492	38627	38184	37993	38528	39025	38027	38494	38310	37681	37964	38047	101.062	
	17	38324	38171	38177	38023	38798	38125	38324	37886	38460	37568	38021	38036	100.741	
	18	38958	38219	38888	37929	38401	38354	38757	38640	38699	38075	38253	38425	101.552	
	19	38710	38185	37720	38550	38322	38108	38228	38280	38076	38839	38689	38277	101.196	
	20	38207	38439	38910	38727	38190	38509	38424	39015	38562	38317	38257	37689	101.474	
	21	38189	38143	38862	38524	38361	38579	38606	38140	37391	38370	38290	38406	101.170	
	22	38147	37896	37785	37955	38542	38217	38517	38387	38386	37886	37928	38463	100.784	
	23	38189	38219	38397	38503	38302	38061	38099	37944	37946	38342	38971	38486	101.081	
26	0	37508	38705	38563	38694	38583	38593	38238	38433	38609	38047	38486	38343	101.383	
	1	38453	38395	38719	38170	38321	39104	39483	38908	38208	38279	38235	38689	101.852	
	2	38203	38348	38672	38156	37957	38585	38321	38146	38357	38565	38330	38460	101.222	
	3	38696	38531	38376	38702	38572	38543	38905	38990	37987	37889	38399	38359	101.629	
	4	38177	38538	38271	38947	38564	38256	38447	38497	38247	38211	37955	38214	101.272	
	5	38430	38526	38253	38216	38804	38446	37484	38580	38337	38405	39090	38673	101.474	
	6	38697	38549	38372	38670	38917	38096	38149	37701	37990	38127	38560	38501	101.273	
	7	38995	38496	38370	38124	38696	37945	38350	38676	38486	37990	37276	39214	101.336	
	8	38562	38210	38381	37669	37665	38446	38170	38352	38773	37830	38147	38397	100.893	
	9	38126	37780	38333	37908	37941	38528	38529	38173	38311	38985	37780	38288	100.910	
	10	38012	38242	37919	38275	38077	38407	37972	38639	38451	38279	38424	37941	100.900	
	11	37701	38086	37888	38021	38454	38389	37722	38157	38319	38239	38020	38411	100.630	
	12	38256	38272	38630	38149	38349	37905	38308	37855	38179	38725	37649	37965	100.813	
	13	38031	38773	38820	38401	38394	38091	38378	38852	37711	38014	37461	38624	101.102	
	14	38661	37887	38514	38334	39259	38612	37870	38115	38469	38261	38681	38305	101.413	
	15	38463	37971	38743	38587	37948	37877	38137	39073	37793	38624	38475	38526	101.248	
	16	38242	38300	38795	38768	38667	38369	38421	38704	38320	39176	38654	38278	101.793	
	17	38483	38027	38669	37764	38476	38109	38006	38627	38682	38601	38437	38210	101.220	
	18	39009	38491	38315	38355	38249	38685	38169	38435	38523	37987	38236	38875	101.492	
	19	38434	37979	38975	38345	38641	38514	38147	38128	38304	38322	38747	37861	101.288	
	20	38323	38804	38185	38567	37699	37868	38205	38632	38204	37971	38003	38124	100.889	
	21	38243	38239	38115	37882	38710	38022	37966	38164	38406	39337	37995	38487	101.105	
	22	38050	38569	38430	37921	38458	37840	37721	38552	38696	38411	37865	38272	100.933	
	23	38005	38526	38420	38153	38402	38545	38271	38180	38842	38179	38381	38219	101.227	

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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	37974	38749	38457	38615	38626	38865	38142	38430	38679	38124	38314	37923	101.395
	1	39117	38005	38523	38437	38376	38300	38950	38652	38423	37852	38961	37664	101.478
	2	38211	38069	37988	38640	38143	38014	38206	37800	38691	38371	38603	38170	100.960
	3	38478	38928	37781	37720	38576	37777	38043	38743	38340	38459	38491	38217	101.102
	4	38709	38078	38343	38051	38033	38293	38116	38824	38231	38101	38345	38444	101.105
	5	38181	38529	38460	38629	38727	38546	38206	38194	38497	38255	38283	38540	101.430
	6	38274	39096	38411	39071	38046	38609	38215	37999	38734	38212	38604	38832	101.663
	7	38290	38585	38286	38418	38166	38174	38839	38293	38372	38121	37998	38612	101.234
	8	38079	39087	38329	37980	38227	37951	38178	39021	38821	38243	38327	38054	101.265
	9	38074	37864	38683	38120	38560	38682	38591	38115	38577	37827	38121	38040	101.036
	10	38341	38481	38465	38517	38245	38414	37934	38075	38461	38409	38782	38129	101.256
	11	38183	38372	37998	38888	38864	38111	38125	38402	38605	38040	38758	38515	101.390
	12	38868	37868	38648	38553	38535	38486	38637	38225	37913	38621	38886	38264	101.531
	13	38216	38020	37758	38468	38511	38516	37941	38404	38216	38357	37933	38586	100.964
	14	38274	38549	38165	38655	38283	38247	38613	38019	38461	38653	37915	38211	101.210
	15	38904	38244	38245	37748	37530	38737	38580	38278	38410	38278	38233	38266	101.079
	16	37840	38502	38495	38596	38867	38789	38265	38276	38114	39016	38679	38323	101.588
	17	38232	37856	38178	38485	38333	38243	37436	38633	38070	38531	38406	37693	100.781
	18	38090	38395	38594	38357	37797	38681	38439	38341	38322	38666	38314	38213	101.246
	19	38222	38468	38461	38186	38729	38678	38606	38355	38275	38042	37662	38546	101.250
	20	38393	38064	38060	38013	38311	39017	38692	38475	37977	38389	38387	38148	101.184
	21	38635	37986	38531	38281	38337	38346	38005	38789	38076	38670	38025	38415	101.221
	22	38006	38369	38278	38891	38151	38014	38316	38360	38321	37568	38150	38607	100.987
	23	38181	37675	38487	38514	38293	38298	39210	38228	38209	38576	38412	38714	101.375
28	0	38472	39023	38532	38336	38191	38156	38257	38407	38698	38184	38477	38879	101.559
	1	38770	38631	38524	37819	38115	38474	38022	38390	38563	38322	38361	38424	101.292
	2	38610	38097	38264	38193	38201	38547	38887	37923	38647	38550	37911	39039	101.391
	3	39113	38384	38058	38397	39188	38744	38353	38078	38829	38351	38737	38748	101.856
	4	38815	38682	38546	38486	38684	38939	38142	38616	38789	38815	38576	38197	101.923
	5	38373	38799	38124	38066	38482	38232	38375	38222	38373	38644	38757	38249	101.353
	6	38776	38314	38856	38443	38232	38552	38984	38606	37753	38543	38122	38089	101.480
	7	38188	38136	38412	38543	38631	38238	38314	38322	38171	38687	38220	38251	101.225
	8	38045	37853	38431	37626	38230	38532	38362	38088	37847	38049	37981	38537	100.668
	9	38384	38058	38582	38146	37928	38058	38054	38088	38230	38395	38417	38420	100.927
	10	38333	37964	38050	37678	38577	37888	38228	38193	38817	38084	38803	38365	100.976
	11	37742	38331	38435	38481	37679	37918	38695	38892	38397	38517	37712	38082	100.954
	12	38271	38690	38716	37989	38017	37842	38717	38632	38470	38738	38118	38798	101.420
	13	38443	38196	38219	38491	38433	37786	38385	38826	38736	38534	38432	38225	101.355
	14	38609	37908	38811	38542	38529	38209	38712	38743	38529	38055	38124	38520	101.484
	15	38050	38738	37729	38575	37951	39041	38398	38758	38299	38135	38115	39188	101.414
	16	38467	38433	38318	37953	37728	38656	38773	38216	38544	38472	38000	38706	101.258
	17	38252	38403	37882	38377	37959	38642	38159	37923	38733	38887	38156	38927	101.266
	18	38340	38448	38489	38465	38414	38307	38219	38805	38779	38663	38808	38279	101.643
	19	38124	38073	38042	38810	37903	37962	38089	37854	38611	37744	38013	38771	100.759
	20	38576	39273	38519	38381	38383	39027	38251	38886	38291	38374	38410	37807	101.680
	21	38627	38778	39143	38008	38161	38475	38710	38068	37575	38145	38596	38662	101.409
	22	38280	38251	37810	38395	38145	38618	38209	38706	38187	38050	38054	38196	100.959
	23	38323	38106	38316	38912	38183	38868	38314	39205	38668	38798	38994	38354	101.869

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
29	0	37991	38692	38624	38653	38583	38794	38563	38038	38617	38500	37755	38937	101.588	
	1	38099	38093	38250	38530	38875	37878	38232	38268	38938	38411	38252	38455	101.262	
	2	38223	39083	38059	38459	38843	38431	38797	37720	39061	38193	38274	38583	101.580	
	3	38614	37963	38121	38205	38448	39003	38681	38996	38758	38806	38438	39140	101.898	
	4	38477	38097	38766	38440	38118	38190	38350	38809	37934	38776	38074	38754	101.373	
	5	38469	38491	38960	38786	39162	38129	37878	38488	39126	38303	38594	38246	101.779	
	6	38803	38294	38611	38101	38469	38623	38461	38445	38628	38250	39115	38445	101.694	
	7	38093	38468	37867	38609	38228	37742	38751	38284	37964	39125	38672	38586	101.285	
	8	38507	38345	38404	37962	38222	38068	38042	38827	38274	38660	38795	38094	101.244	
	9	37894	37992	38593	38736	38083	39036	38579	38443	38166	39122	38151	38181	101.415	
	10	38085	38723	38613	38241	37752	38246	38425	38210	37987	38041	37989	38468	100.932	
	11	38087	38486	38199	38760	38634	37982	38525	37979	38262	38146	38659	38345	101.215	
	12	38343	38311	37745	37969	38274	38052	38087	38280	38187	38771	38702	37881	100.894	
	13	38228	38244	38561	37907	38084	37900	38183	38793	38154	38443	38475	38103	100.996	
	14	38364	38794	38330	39332	38941	38652	38197	38155	38602	37900	38345	38384	101.639	
	15	38613	38698	37627	38444	38338	38252	38996	39145	38407	38836	38161	38239	101.586	
	16	38381	38628	38597	38999	38264	38526	39205	38855	38495	38201	38293	37815	101.697	
	17	38101	38199	38615	38726	38085	38691	38232	38427	38066	38713	38323	38222	101.288	
	18	37949	38486	38783	39316	38712	38059	38021	38399	38139	38285	38205	37792	101.233	
	19	38322	39391	38100	38102	37569	38226	38082	38388	37685	38070	38177	38743	100.948	
	20	37739	38155	37973	38320	37357	38421	38174	39119	37838	38502	39045	37673	100.829	
	21	38434	37876	39022	38450	39573	38872	38432	38231	38307	38715	38192	38510	101.775	
	22	38157	38563	39073	37866	38880	38782	38324	38455	38690	38608	38677	38910	101.857	
	23	38849	37892	39011	38639	38791	38654	37741	38318	38182	38771	38257	38510	101.555	
30	0	38280	38077	38272	39131	37972	38331	38448	38663	38421	37867	38742	38820	101.426	
	1	38648	38244	38064	38291	38042	38743	38537	38272	38267	38722	39178	39363	101.722	
	2	38615	38279	38954	38561	37722	38522	38534	38715	39142	38598	37973	38630	101.694	
	3	38539	38763	38310	38131	38260	38763	39370	37763	38254	38575	38717	38932	101.723	
	4	38269	38892	38408	38673	39661	38506	38922	38173	38442	38625	39239	38923	102.242	
	5	38435	38338	38940	38711	38709	38697	38604	38478	38068	39136	38127	38614	101.828	
	6	38148	38621	38650	38522	38408	38869	38680	38038	38776	38381	38352	38403	101.606	
	7	38595	39104	38471	38847	38648	38725	38304	38841	38849	38474	38406	37944	101.906	
	8	38738	38447	38632	38611	38919	38686	38726	38648	38914	39191	38471	38809	102.255	
	9	38635	38559	38288	38929	38907	38252	38086	38460	38367	38606	38476	38188	101.586	
	10	38423	38576	38522	38233	38519	38071	38301	38017	37883	38730	38404	38123	101.156	
	11	39349	38320	38987	38467	38756	38441	38468	38353	38202	38490	38463	38343	101.780	
	12	38277	38594	38790	38404	38507	38588	39033	37949	38690	38442	38442	38815	101.757	
	13	37773	38241	38581	37930	38474	37867	38448	37782	37708	38883	37905	38191	100.712	
	14	38786	38235	38215	38066	38761	38261	38254	38278	38592	38671	38087	38943	101.453	
	15	38637	38206	39137	38394	38542	38531	38706	38421	37983	38453	38064	38106	101.460	
	16	38534	38033	38548	38981	38410	38522	38078	38660	37931	38199	39070	38459	101.513	
	17	38635	38721	38047	38072	39163	38534	38297	38298	38119	38409	37751	38590	101.340	
	18	37601	38218	38202	38411	37913	37947	38970	38814	38081	39032	38693	38651	101.316	
	19	38333	38407	38120	38627	38653	37893	38349	38432	38555	38285	38451	38182	101.263	
	20	37918	38343	38441	38845	37954	38484	38657	38444	38184	38320	38569	38812	101.414	
	21	38414	38269	38016	38244	38681	37911	37774	37891	38759	38857	38611	38110	101.098	
	22	38239	38451	38028	38316	38579	38242	38422	37981	38373	37932	38540	38070	101.017	
	23	38229	37879	38788	38307	38623	38372	38316	38884	38421	38567	38081	38490	101.410	

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
31	0	38749	38447	38552	38416	38159	38880	38429	38184	38704	38138	38479	38381	101.529
	1	38451	38379	38408	38099	37800	38223	38279	38499	38459	37806	38012	38309	100.919
	2	37962	38116	38000	38294	38501	38230	38530	38108	38453	38682	37955	38229	100.993
	3	37983	38335	38060	38184	37977	38320	38547	38259	38147	38716	38125	37646	100.826
	4	37922	37945	38280	38662	38662	38464	37679	38590	38722	37926	37724	38100	100.909
	5	38268	38413	38049	37844	38165	38348	38397	38261	38274	38201	37960	38120	100.826
	6	38723	38063	38337	38270	38454	38421	38550	38238	38659	38301	37884	37920	101.160
	7	37999	38199	38137	38074	38373	38162	38356	38405	37936	37826	38306	37967	100.703
	8	38075	37925	38414	37907	37707	38615	38278	38166	38213	38040	38047	38358	100.704
	9	37917	38728	38633	38186	38186	38840	38069	38324	38023	38401	38607	37932	101.166
	10	38729	38402	38983	37618	38374	38326	38370	37845	38237	38528	38520	38411	101.275
	11	38387	38327	38122	38260	38415	38127	37949	38777	37959	37916	38148	38379	100.929
	12	38292	38529	38701	37971	38162	38061	38343	38015	38131	38012	38547	37919	100.910
	13	38288	38534	38379	38069	37974	38593	38440	38118	38548	37369	38502	37490	100.827
	14	38596	38755	38274	38452	38269	38017	38247	38190	37864	38352	38333	38207	101.102
	15	38229	38317	38311	38671	37987	37996	38156	37809	38541	38502	38233	38139	100.956
	16	38436	37799	38090	38755	38282	38517	38152	38390	38542	38430	38024	38786	101.245
	17	38476	37936	39046	37777	37700	38826	38413	37820	37936	38563	38936	38721	101.233
	18	38715	38255	38739	37884	38490	39076	38194	38479	38189	38380	38369	38257	101.426
	19	38143	38330	38319	38127	38164	38674	38758	38232	38634	38388	38082	38291	101.231
	20	38609	38347	38208	38089	38747	39106	38128	37707	38031	38207	38240	39002	101.293
	21	38300	38957	38183	38423	38260	38156	38200	38689	38273	38280	38297	39111	101.448
	22	38381	38181	38575	38760	38578	38060	38186	38290	38813	38639	38011	38038	101.312
	23	38405	38561	38892	38309	38813	37873	38273	38307	38492	38618	38641	38230	101.511

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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	1019.58	1019.58	1019.52	1019.45	1019.47	1019.46	1019.38	1019.34	1019.37	1019.39	1019.39	1019.35	1019.43
	1	1019.35	1019.40	1019.42	1019.48	1019.57	1019.64	1019.64	1019.63	1019.63	1019.61	1019.61	1019.56	1019.54
	2	1019.52	1019.49	1019.50	1019.49	1019.45	1019.43	1019.36	1019.34	1019.37	1019.30	1019.25	1019.34	1019.40
	3	1019.38	1019.35	1019.31	1019.29	1019.26	1019.28	1019.26	1019.19	1019.23	1019.23	1019.20	1019.20	1019.26
	4	1019.21	1019.24	1019.24	1019.20	1019.20	1019.20	1019.16	1019.15	1019.18	1019.27	1019.36	1019.38	1019.23
	5	1019.31	1019.26	1019.29	1019.41	1019.48	1019.51	1019.50	1019.49	1019.47	1019.48	1019.53	1019.53	1019.44
	6	1019.48	1019.48	1019.49	1019.46	1019.44	1019.43	1019.43	1019.45	1019.48	1019.49	1019.58	1019.66	1019.49
	7	1019.69	1019.69	1019.66	1019.64	1019.61	1019.64	1019.66	1019.63	1019.65	1019.68	1019.69	1019.71	1019.66
	8	1019.73	1019.77	1019.78	1019.78	1019.79	1019.75	1019.77	1019.80	1019.78	1019.77	1019.78	1019.79	1019.77
	9	1019.81	1019.85	1019.91	1019.92	1019.88	1019.85	1019.83	1019.76	1019.67	1019.61	1019.55	1019.50	1019.76
	10	1019.41	1019.32	1019.25	1019.20	1019.09	1018.98	1018.94	1018.91	1018.88	1018.87	1018.85	1018.80	1019.04
	11	1018.75	1018.69	1018.61	1018.53	1018.48	1018.47	1018.48	1018.50	1018.43	1018.33	1018.28	1018.25	1018.48
	12	1018.20	1018.15	1018.11	1018.11	1018.08	1018.01	1017.93	1017.88	1017.90	1017.88	1017.87	1017.84	1017.99
	13	1017.77	1017.73	1017.69	1017.68	1017.69	1017.74	1017.79	1017.80	1017.83	1017.86	1017.90	1017.92	1017.78
	14	1017.95	1018.00	1017.99	1017.94	1017.93	1017.96	1017.94	1017.88	1017.89	1017.92	1017.89	1017.88	1017.93
	15	1017.88	1017.86	1017.85	1017.84	1017.84	1017.87	1017.90	1017.92	1017.93	1017.95	1017.94	1017.93	1017.89
	16	1017.92	1017.87	1017.84	1017.85	1017.84	1017.81	1017.81	1017.86	1017.96	1017.94	1017.86	1017.86	1017.87
	17	1017.88	1017.89	1017.93	1017.95	1017.97	1018.02	1018.07	1018.05	1017.99	1017.96	1017.91	1017.86	1017.95
	18	1017.87	1017.88	1017.87	1017.84	1017.82	1017.80	1017.76	1017.77	1017.82	1017.83	1017.86	1017.80	1017.83
	19	1017.73	1017.78	1017.81	1017.78	1017.72	1017.70	1017.69	1017.67	1017.62	1017.57	1017.58	1017.58	1017.68
	20	1017.51	1017.44	1017.44	1017.48	1017.51	1017.56	1017.59	1017.57	1017.56	1017.57	1017.48	1017.40	1017.51
	21	1017.39	1017.35	1017.32	1017.32	1017.30	1017.24	1017.20	1017.15	1017.11	1017.08	1017.07	1017.04	1017.21
	22	1017.05	1017.11	1017.13	1017.15	1017.18	1017.17	1017.08	1017.03	1017.03	1017.01	1017.05	1017.09	1017.09
	23	1017.08	1017.05	1016.99	1016.92	1016.90	1016.88	1016.83	1016.76	1016.63	1016.56	1016.59	1016.57	1016.81
2	0	1016.55	1016.59	1016.61	1016.55	1016.46	1016.37	1016.33	1016.24	1016.16	1016.15	1016.16	1016.17	1016.35
	1	1016.17	1016.15	1016.09	1016.02	1016.01	1015.98	1015.97	1016.02	1016.05	1016.09	1016.09	1015.98	1016.05
	2	1015.90	1015.84	1015.80	1015.75	1015.68	1015.60	1015.53	1015.52	1015.50	1015.48	1015.44	1015.33	1015.61
	3	1015.26	1015.23	1015.18	1015.10	1014.99	1014.91	1014.88	1014.91	1014.88	1014.84	1014.86	1014.87	1014.99
	4	1014.86	1014.86	1014.89	1014.89	1014.82	1014.77	1014.74	1014.74	1014.78	1014.80	1014.81	1014.84	1014.81
	5	1014.89	1014.92	1014.89	1014.85	1014.86	1014.91	1014.93	1014.94	1014.91	1014.87	1014.87	1014.86	1014.89
	6	1014.86	1014.88	1014.89	1014.94	1014.94	1014.92	1014.93	1014.99	1015.07	1015.11	1015.12	1015.14	1014.98
	7	1015.19	1015.22	1015.17	1015.18	1015.32	1015.46	1015.50	1015.47	1015.44	1015.42	1015.41	1015.41	1015.35
	8	1015.42	1015.48	1015.51	1015.46	1015.40	1015.39	1015.39	1015.39	1015.43	1015.43	1015.44	1015.42	1015.43
	9	1015.36	1015.33	1015.33	1015.33	1015.27	1015.23	1015.21	1015.16	1015.13	1015.12	1015.12	1015.11	1015.22
	10	1015.09	1015.06	1015.05	1015.03	1015.00	1014.97	1014.94	1014.91	1014.88	1014.83	1014.77	1014.77	1014.94
	11	1014.76	1014.74	1014.76	1014.79	1014.77	1014.73	1014.69	1014.66	1014.60	1014.51	1014.44	1014.37	1014.65
	12	1014.31	1014.20	1014.06	1013.98	1013.93	1013.91	1013.90	1013.87	1013.86	1013.81	1013.76	1013.72	1013.94
	13	1013.69	1013.70	1013.70	1013.65	1013.59	1013.52	1013.48	1013.48	1013.46	1013.39	1013.37	1013.36	1013.53
	14	1013.30	1013.29	1013.37	1013.44	1013.39	1013.37	1013.39	1013.39	1013.38	1013.39	1013.37	1013.36	1013.37
	15	1013.34	1013.26	1013.17	1013.10	1013.04	1013.05	1013.07	1013.08	1013.12	1013.10	1013.05	1013.12	1013.12
	16	1013.19	1013.14	1013.06	1013.04	1013.09	1013.11	1013.12	1013.13	1013.17	1013.15	1013.06	1012.99	1013.10
	17	1012.96	1012.95	1012.96	1012.95	1013.04	1013.15	1013.13	1013.12	1013.22	1013.32	1013.37	1013.22	1013.11
	18	1013.00	1012.79	1012.44	1012.83	1013.29	1013.27	1013.46	1013.58	1013.57	1013.53	1013.56	1013.59	1013.24
	19	1013.55	1013.54	1013.69	1013.77	1013.64	1013.54	1013.59	1013.57	1013.45	1013.44	1013.41	1013.40	1013.55
	20	1013.41	1013.38	1013.30	1013.28	1013.31	1013.26	1013.28	1013.39	1013.43	1013.40	1013.39	1013.44	1013.35
	21	1013.54	1013.63	1013.70	1013.74	1013.75	1013.78	1013.87	1013.94	1013.95	1014.01	1014.08	1014.11	1013.84
	22	1014.16	1014.23	1014.28	1014.32	1014.37	1014.40	1014.39	1014.39	1014.40	1014.39	1014.40	1014.40	1014.34
	23	1014.41	1014.42	1014.42	1014.41	1014.40	1014.39	1014.33	1014.30	1014.30	1014.26	1014.22	1014.23	1014.34

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
3	0	1014.28	1014.27	1014.22	1014.18	1014.16	1014.16	1014.20	1014.24	1014.25	1014.25	1014.26	1014.28	1014.22
	1	1014.30	1014.35	1014.38	1014.34	1014.29	1014.26	1014.27	1014.27	1014.28	1014.30	1014.32	1014.33	1014.31
	2	1014.30	1014.24	1014.20	1014.21	1014.20	1014.17	1014.16	1014.19	1014.21	1014.19	1014.19	1014.19	1014.20
	3	1014.19	1014.21	1014.25	1014.27	1014.28	1014.27	1014.22	1014.20	1014.23	1014.26	1014.27	1014.26	1014.24
	4	1014.26	1014.27	1014.31	1014.34	1014.35	1014.36	1014.39	1014.45	1014.50	1014.52	1014.56	1014.63	1014.41
	5	1014.68	1014.70	1014.72	1014.70	1014.70	1014.80	1014.87	1014.94	1015.00	1015.04	1015.11	1015.16	1014.87
	6	1015.20	1015.21	1015.19	1015.22	1015.27	1015.31	1015.35	1015.39	1015.43	1015.47	1015.49	1015.49	1015.33
	7	1015.49	1015.50	1015.56	1015.64	1015.71	1015.76	1015.78	1015.83	1015.93	1016.01	1016.04	1016.09	1015.78
	8	1016.14	1016.17	1016.19	1016.22	1016.27	1016.31	1016.33	1016.38	1016.44	1016.51	1016.56	1016.59	1016.34
	9	1016.65	1016.73	1016.80	1016.90	1016.97	1016.97	1016.95	1016.95	1016.94	1016.92	1016.91	1016.93	1016.88
	10	1016.92	1016.90	1016.90	1016.87	1016.81	1016.77	1016.76	1016.74	1016.71	1016.65	1016.57	1016.51	1016.76
	11	1016.44	1016.38	1016.36	1016.35	1016.31	1016.27	1016.25	1016.21	1016.18	1016.16	1016.08	1015.96	1016.24
	12	1015.86	1015.79	1015.76	1015.74	1015.71	1015.66	1015.61	1015.61	1015.62	1015.60	1015.52	1015.47	1015.66
	13	1015.43	1015.41	1015.39	1015.36	1015.36	1015.34	1015.33	1015.32	1015.31	1015.31	1015.30	1015.28	1015.34
	14	1015.29	1015.33	1015.34	1015.33	1015.31	1015.28	1015.27	1015.30	1015.35	1015.40	1015.44	1015.46	1015.34
	15	1015.48	1015.51	1015.55	1015.57	1015.58	1015.63	1015.69	1015.75	1015.81	1015.84	1015.82	1015.81	1015.67
	16	1015.84	1015.89	1015.95	1016.03	1016.11	1016.12	1016.15	1016.23	1016.29	1016.32	1016.33	1016.33	1016.13
	17	1016.35	1016.42	1016.51	1016.57	1016.63	1016.69	1016.74	1016.79	1016.81	1016.84	1016.89	1016.94	1016.68
	18	1017.00	1017.03	1017.06	1017.10	1017.16	1017.20	1017.21	1017.21	1017.23	1017.28	1017.32	1017.34	1017.18
	19	1017.37	1017.41	1017.45	1017.47	1017.50	1017.54	1017.58	1017.63	1017.69	1017.73	1017.74	1017.77	1017.57
	20	1017.82	1017.84	1017.85	1017.86	1017.88	1017.89	1017.88	1017.89	1017.92	1017.96	1018.03	1018.05	1017.90
	21	1018.05	1018.08	1018.09	1018.12	1018.19	1018.26	1018.32	1018.36	1018.37	1018.36	1018.36	1018.35	1018.24
	22	1018.38	1018.38	1018.35	1018.35	1018.37	1018.40	1018.43	1018.43	1018.43	1018.44	1018.43	1018.43	1018.40
	23	1018.45	1018.46	1018.43	1018.39	1018.38	1018.39	1018.35	1018.32	1018.32	1018.31	1018.31	1018.30	1018.37
4	0	1018.23	1018.21	1018.17	1018.15	1018.14	1018.19	1018.24	1018.28	1018.31	1018.33	1018.37	1018.40	1018.25
	1	1018.40	1018.37	1018.39	1018.42	1018.38	1018.31	1018.25	1018.24	1018.27	1018.29	1018.26	1018.22	1018.31
	2	1018.18	1018.11	1018.06	1018.02	1017.93	1017.87	1017.88	1017.90	1017.91	1017.93	1017.88	1017.84	1017.96
	3	1017.82	1017.76	1017.71	1017.70	1017.66	1017.58	1017.52	1017.56	1017.62	1017.61	1017.61	1017.59	1017.64
	4	1017.58	1017.58	1017.58	1017.52	1017.44	1017.41	1017.43	1017.45	1017.42	1017.42	1017.48	1017.50	1017.48
	5	1017.50	1017.52	1017.60	1017.64	1017.61	1017.62	1017.67	1017.67	1017.64	1017.67	1017.75	1017.79	1017.64
	6	1017.76	1017.75	1017.77	1017.78	1017.80	1017.81	1017.82	1017.83	1017.83	1017.81	1017.83	1017.82	1017.80
	7	1017.76	1017.74	1017.80	1017.87	1017.89	1017.90	1017.98	1018.07	1018.09	1018.07	1018.05	1018.04	1017.93
	8	1018.03	1017.99	1017.96	1018.04	1018.15	1018.19	1018.21	1018.27	1018.33	1018.36	1018.37	1018.34	1018.18
	9	1018.31	1018.36	1018.44	1018.51	1018.51	1018.41	1018.30	1018.21	1018.15	1018.07	1018.00	1017.97	1018.27
	10	1017.95	1017.91	1017.86	1017.84	1017.80	1017.76	1017.68	1017.52	1017.42	1017.36	1017.29	1017.23	1017.63
	11	1017.16	1017.07	1016.97	1016.88	1016.80	1016.71	1016.60	1016.55	1016.58	1016.57	1016.48	1016.42	1016.73
	12	1016.39	1016.30	1016.20	1016.15	1016.12	1015.99	1015.86	1015.78	1015.67	1015.58	1015.49	1015.38	1015.91
	13	1015.25	1015.12	1014.98	1014.86	1014.82	1014.82	1014.85	1014.91	1014.95	1014.92	1014.81	1014.79	1014.92
	14	1014.86	1014.86	1014.89	1014.94	1014.96	1014.96	1014.96	1015.01	1015.09	1015.08	1014.98	1014.95	1014.96
	15	1014.99	1015.03	1015.11	1015.18	1015.26	1015.32	1015.26	1015.28	1015.43	1015.59	1015.75	1015.85	1015.33
	16	1015.87	1015.86	1015.85	1015.91	1015.99	1016.07	1016.10	1016.07	1016.05	1016.08	1016.18	1016.30	1016.03
	17	1016.43	1016.55	1016.57	1016.57	1016.60	1016.56	1016.52	1016.52	1016.54	1016.57	1016.54	1016.48	1016.54
	18	1016.51	1016.53	1016.51	1016.51	1016.47	1016.47	1016.52	1016.69	1016.94	1017.12	1017.24	1017.28	1016.73
	19	1017.25	1017.23	1017.24	1017.26	1017.26	1017.22	1017.16	1017.19	1017.27	1017.22	1017.10	1017.07	1017.20
	20	1017.12	1017.05	1017.03	1017.13	1017.19	1017.24	1017.22	1017.18	1017.09	1017.12	1017.24	1017.26	1017.15
	21	1017.31	1017.35	1017.38	1017.44	1017.45	1017.37	1017.21	1017.09	1017.10	1017.15	1017.28	1017.34	1017.29
	22	1017.41	1017.55	1017.60	1017.64	1017.63	1017.67	1017.67	1017.60	1017.63	1017.63	1017.59	1017.66	1017.60
	23	1017.73	1017.78	1017.87	1017.95	1018.09	1018.23	1018.26	1018.21	1018.11	1018.04	1017.97	1018.01	1018.02

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2019

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	1018.05	1018.06	1018.11	1018.16	1018.11	1018.04	1018.01	1018.00	1018.03	1018.05	1018.09	1018.14	1018.07
	1	1018.17	1018.18	1018.19	1018.18	1018.17	1018.20	1018.17	1018.09	1018.05	1017.99	1017.91	1017.81	1018.09
	2	1017.72	1017.70	1017.80	1017.90	1017.82	1017.76	1017.81	1017.83	1017.87	1017.84	1017.76	1017.75	1017.80
	3	1017.77	1017.80	1017.78	1017.78	1017.83	1017.82	1017.85	1017.84	1017.73	1017.69	1017.69	1017.66	1017.77
	4	1017.69	1017.83	1018.00	1018.06	1018.09	1018.23	1018.37	1018.42	1018.48	1018.55	1018.62	1018.67	1018.25
	5	1018.68	1018.71	1018.77	1018.85	1018.87	1018.91	1019.00	1019.04	1019.10	1019.12	1019.13	1019.20	1018.95
	6	1019.28	1019.36	1019.45	1019.50	1019.53	1019.56	1019.61	1019.69	1019.76	1019.82	1019.86	1019.89	1019.61
	7	1019.95	1020.01	1020.06	1020.09	1020.10	1020.10	1020.15	1020.22	1020.24	1020.27	1020.33	1020.34	1020.15
	8	1020.32	1020.30	1020.29	1020.33	1020.41	1020.54	1020.64	1020.71	1020.78	1020.82	1020.78	1020.76	1020.56
	9	1020.84	1020.92	1020.96	1020.96	1020.96	1021.00	1021.06	1021.11	1021.10	1021.07	1021.05	1021.03	1021.00
	10	1021.01	1020.97	1020.92	1020.93	1020.96	1021.00	1021.03	1021.04	1021.05	1021.05	1021.05	1021.01	1021.00
	11	1021.01	1021.01	1020.99	1020.97	1020.96	1021.00	1021.04	1021.05	1021.06	1021.10	1021.13	1021.08	1021.03
	12	1021.03	1020.98	1020.94	1020.89	1020.85	1020.85	1020.80	1020.72	1020.68	1020.65	1020.64	1020.63	1020.80
	13	1020.59	1020.58	1020.61	1020.63	1020.66	1020.68	1020.65	1020.65	1020.68	1020.70	1020.71	1020.76	1020.66
	14	1020.81	1020.82	1020.83	1020.86	1020.90	1020.92	1020.95	1021.01	1021.07	1021.11	1021.12	1021.12	1020.96
	15	1021.13	1021.15	1021.18	1021.15	1021.15	1021.19	1021.22	1021.27	1021.33	1021.38	1021.43	1021.45	1021.25
	16	1021.43	1021.44	1021.48	1021.56	1021.64	1021.72	1021.77	1021.77	1021.74	1021.72	1021.77	1021.86	1021.66
	17	1021.92	1021.90	1021.90	1021.93	1021.92	1021.86	1021.91	1022.00	1022.01	1022.01	1022.08	1022.16	1021.96
	18	1022.23	1022.32	1022.39	1022.38	1022.39	1022.38	1022.38	1022.44	1022.47	1022.52	1022.56	1022.57	1022.42
	19	1022.60	1022.66	1022.70	1022.71	1022.73	1022.75	1022.71	1022.66	1022.66	1022.65	1022.65	1022.64	1022.67
	20	1022.60	1022.57	1022.58	1022.63	1022.66	1022.70	1022.72	1022.73	1022.76	1022.78	1022.78	1022.78	1022.69
	21	1022.80	1022.86	1022.90	1022.91	1022.91	1022.88	1022.86	1022.85	1022.86	1022.90	1022.94	1022.98	1022.88
	22	1023.00	1022.99	1022.98	1022.97	1022.99	1022.99	1022.98	1022.99	1023.04	1023.10	1023.13	1023.13	1023.02
	23	1023.14	1023.15	1023.14	1023.11	1023.08	1023.02	1022.98	1022.95	1022.91	1022.89	1022.86	1022.82	1023.00
6	0	1022.77	1022.75	1022.72	1022.70	1022.69	1022.69	1022.71	1022.74	1022.73	1022.69	1022.72	1022.77	1022.72
	1	1022.76	1022.74	1022.75	1022.79	1022.82	1022.83	1022.83	1022.82	1022.78	1022.75	1022.72	1022.70	1022.77
	2	1022.73	1022.73	1022.69	1022.62	1022.56	1022.53	1022.51	1022.50	1022.48	1022.45	1022.45	1022.46	1022.56
	3	1022.45	1022.45	1022.45	1022.41	1022.34	1022.29	1022.25	1022.22	1022.23	1022.23	1022.24	1022.26	1022.32
	4	1022.29	1022.28	1022.24	1022.24	1022.27	1022.29	1022.29	1022.30	1022.33	1022.34	1022.37	1022.40	1022.30
	5	1022.41	1022.39	1022.36	1022.37	1022.42	1022.45	1022.45	1022.49	1022.52	1022.51	1022.59	1022.65	1022.47
	6	1022.64	1022.66	1022.72	1022.75	1022.73	1022.73	1022.76	1022.80	1022.86	1022.90	1022.95	1022.99	1022.79
	7	1022.97	1022.90	1022.87	1022.93	1022.98	1023.00	1023.05	1023.07	1023.06	1023.08			1022.99
	8								1023.08	1023.13	1023.21	1023.29	1023.39	1023.20
	9	1023.46	1023.52	1023.53	1023.49	1023.49	1023.45	1023.38	1023.31	1023.24	1023.19	1023.11	1023.03	1023.35
	10	1022.98	1022.96	1022.93	1022.89	1022.82	1022.74	1022.66	1022.60	1022.56	1022.53	1022.47	1022.38	1022.71
	11	1022.30	1022.24	1022.20	1022.14	1022.06	1021.96	1021.84	1021.73	1021.65	1021.57	1021.50	1021.47	1021.89
	12	1021.44	1021.40	1021.35	1021.30	1021.23	1021.22	1021.23	1021.20	1021.18	1021.16	1021.14	1021.14	1021.25
	13	1021.12	1021.12	1021.12	1021.06	1020.98	1020.92	1020.86	1020.82	1020.83	1020.82	1020.75	1020.72	1020.93
	14	1020.71	1020.66	1020.64	1020.63	1020.60	1020.56	1020.54	1020.53	1020.49	1020.46	1020.44	1020.46	1020.56
	15	1020.46	1020.45	1020.44	1020.40	1020.37	1020.37	1020.34	1020.31	1020.30	1020.30	1020.30	1020.29	1020.36
	16	1020.29	1020.28	1020.26	1020.25	1020.25	1020.31	1020.38	1020.45	1020.50	1020.53	1020.57	1020.60	1020.39
	17	1020.63	1020.66	1020.69	1020.73	1020.75	1020.77	1020.80	1020.81	1020.80	1020.76	1020.74	1020.75	1020.74
	18	1020.77	1020.79	1020.78	1020.75	1020.74	1020.74	1020.72	1020.70	1020.66	1020.63	1020.62	1020.63	1020.71
	19	1020.64	1020.67	1020.69	1020.67	1020.66	1020.66	1020.65	1020.66	1020.69	1020.71	1020.72	1020.70	1020.67
	20	1020.66	1020.60	1020.56	1020.59	1020.61	1020.61	1020.63	1020.66	1020.67	1020.64	1020.60	1020.56	1020.61
	21	1020.54	1020.56	1020.60	1020.60	1020.57	1020.55	1020.55	1020.57	1020.61	1020.64	1020.63	1020.59	1020.58
	22	1020.54	1020.52	1020.55	1020.59	1020.60	1020.57	1020.55	1020.56	1020.56	1020.55	1020.51	1020.46	1020.54
	23	1020.41	1020.38	1020.39	1020.38	1020.32	1020.28	1020.26	1020.23	1020.17	1020.14	1020.12	1020.09	1020.26

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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	1020.06	1020.05	1020.00	1019.95	1019.89	1019.84	1019.84	1019.84	1019.81	1019.83	1019.86	1019.87	1019.89
	1	1019.87	1019.90	1019.95	1019.97	1019.96	1019.93	1019.88	1019.82	1019.79	1019.79	1019.77	1019.81	1019.87
	2	1019.84	1019.81	1019.76	1019.69	1019.67	1019.68	1019.66	1019.61	1019.56	1019.55	1019.55	1019.53	1019.66
	3	1019.48	1019.42	1019.43	1019.46	1019.46	1019.45	1019.45	1019.48	1019.54	1019.58	1019.55	1019.47	1019.48
	4	1019.42	1019.40	1019.39	1019.37	1019.35	1019.42	1019.50	1019.51	1019.50	1019.52	1019.56	1019.61	1019.46
	5	1019.67	1019.71	1019.76	1019.81	1019.82	1019.78	1019.71	1019.67	1019.68	1019.61	1019.58	1019.64	1019.70
	6	1019.65	1019.64	1019.68	1019.75	1019.78	1019.82	1019.88	1019.88	1019.90	1019.89	1019.89	1019.92	1019.81
	7	1019.92	1019.97	1020.00	1020.00	1020.00	1020.00	1020.01	1019.97	1019.91	1019.88	1019.88	1019.86	1019.95
	8	1019.82	1019.86	1019.90	1019.95	1020.05	1020.09	1020.13	1020.22	1020.28	1020.26	1020.25	1020.25	1020.09
	9	1020.26	1020.31	1020.34	1020.38	1020.37	1020.30	1020.24	1020.19	1020.15	1020.14	1020.11	1020.05	1020.23
	10	1020.00	1019.96	1019.91	1019.85	1019.83	1019.81	1019.76	1019.68	1019.61	1019.56	1019.52	1019.47	1019.74
	11	1019.39	1019.36	1019.32	1019.30	1019.32	1019.31	1019.31	1019.31	1019.29	1019.24	1019.17	1019.12	1019.28
	12	1019.07	1019.03	1018.98	1018.92	1018.88	1018.86	1018.83	1018.76	1018.70	1018.68	1018.65	1018.63	1018.83
	13	1018.65	1018.63	1018.61	1018.60	1018.57	1018.58	1018.59	1018.60	1018.62	1018.60	1018.59	1018.62	1018.60
	14	1018.64	1018.61	1018.58	1018.58	1018.62	1018.64	1018.63	1018.67	1018.74	1018.76	1018.73	1018.72	1018.66
	15	1018.73	1018.79	1018.82	1018.83	1018.84	1018.87	1018.90	1018.91	1018.91	1018.92	1018.92	1018.94	1018.86
	16	1019.01	1019.05	1019.08	1019.13	1019.15	1019.16	1019.17	1019.20	1019.24	1019.27	1019.31	1019.34	1019.17
	17	1019.36	1019.38	1019.40	1019.36	1019.32	1019.33	1019.41	1019.52	1019.61	1019.67	1019.68	1019.68	1019.47
	18	1019.69	1019.68	1019.70	1019.77	1019.80	1019.81	1019.84	1019.87	1019.92	1019.91	1019.88	1019.86	1019.81
	19	1019.85	1019.86	1019.90	1019.90	1019.88	1019.88	1019.90	1019.94	1019.95	1019.98	1020.05	1020.11	1019.93
	20	1020.15	1020.17	1020.15	1020.15	1020.21	1020.28	1020.30	1020.25	1020.22	1020.24	1020.28	1020.31	1020.22
	21	1020.35	1020.37	1020.37	1020.37	1020.36	1020.33	1020.32	1020.27	1020.26	1020.30	1020.36	1020.41	1020.34
	22	1020.44	1020.49	1020.57	1020.63	1020.67	1020.68	1020.66	1020.66	1020.65	1020.59	1020.58	1020.61	1020.60
	23	1020.60	1020.58	1020.56	1020.52	1020.49	1020.46	1020.39	1020.33	1020.32	1020.29	1020.20	1020.13	1020.40
8	0	1020.07	1020.06	1020.05	1020.06	1020.07	1020.04	1020.03	1020.03	1020.00	1020.00	1020.03	1020.01	1020.03
	1	1020.02	1020.04	1020.03	1020.05	1020.06	1020.03	1020.01	1020.00	1020.04	1020.08	1020.05	1019.98	1020.03
	2	1019.92	1019.87	1019.85	1019.79	1019.70	1019.64	1019.57	1019.54	1019.59	1019.63	1019.63	1019.60	1019.69
	3	1019.55	1019.54	1019.55	1019.55	1019.54	1019.53	1019.53	1019.51	1019.47	1019.45	1019.45	1019.44	1019.51
	4	1019.43	1019.40	1019.38	1019.35	1019.34	1019.35	1019.36	1019.37	1019.40	1019.43	1019.41	1019.40	1019.38
	5	1019.43	1019.44	1019.43	1019.47	1019.56	1019.64	1019.70	1019.78	1019.86	1019.94	1020.01	1020.05	1019.69
	6	1020.07	1020.10	1020.13	1020.13	1020.13	1020.16	1020.21	1020.22	1020.21	1020.24	1020.29	1020.34	1020.18
	7	1020.37	1020.37	1020.36	1020.36	1020.40	1020.49	1020.61	1020.71	1020.74	1020.75	1020.77	1020.74	1020.55
	8	1020.72	1020.71	1020.73	1020.81	1020.85	1020.85	1020.84	1020.82	1020.82	1020.83	1020.82	1020.78	1020.80
	9	1020.73	1020.69	1020.71	1020.72	1020.71	1020.72	1020.75	1020.74	1020.73	1020.72	1020.74	1020.77	1020.72
	10	1020.78	1020.76	1020.71	1020.65	1020.62	1020.59	1020.53	1020.48	1020.45	1020.44	1020.40	1020.34	1020.56
	11	1020.27	1020.20	1020.13	1020.07	1020.04	1020.02	1019.96	1019.91	1019.87	1019.86	1019.81	1019.70	1019.99
	12	1019.60	1019.56	1019.51	1019.43	1019.35	1019.26	1019.15	1019.06	1019.05	1019.04	1019.00	1018.98	1019.25
	13	1018.92	1018.86	1018.85	1018.85	1018.83	1018.81	1018.83	1018.89	1018.91	1018.88	1018.89	1018.91	1018.87
	14	1018.90	1018.90	1018.91	1018.91	1018.88	1018.83	1018.81	1018.81	1018.83	1018.85	1018.83	1018.80	1018.85
	15	1018.80	1018.79	1018.78	1018.81	1018.80	1018.76	1018.74	1018.70	1018.65	1018.62	1018.62	1018.63	1018.72
	16	1018.62	1018.59	1018.58	1018.58	1018.57	1018.57	1018.58	1018.57	1018.55	1018.54	1018.51	1018.48	1018.56
	17	1018.45	1018.40	1018.35	1018.33	1018.33	1018.28	1018.23	1018.21	1018.18	1018.16	1018.13	1018.09	1018.26
	18	1018.09	1018.10	1018.08	1018.07	1018.07	1018.05	1018.05	1018.04	1018.02	1018.00	1018.01	1018.00	1018.05
	19	1017.95	1017.94	1017.94	1017.92	1017.91	1017.92	1017.92	1017.90	1017.88	1017.86	1017.87	1017.87	1017.90
	20	1017.84	1017.82	1017.76	1017.72	1017.72	1017.69	1017.66	1017.64	1017.62	1017.58	1017.54	1017.49	1017.67
	21	1017.42	1017.38	1017.39	1017.38	1017.35	1017.28	1017.21	1017.22	1017.24	1017.24	1017.20	1017.17	1017.29
	22	1017.16	1017.15	1017.14	1017.15	1017.12	1017.07	1017.02	1016.99	1016.94	1016.89	1016.85	1016.81	1017.02
	23	1016.77	1016.71	1016.64	1016.57	1016.50	1016.43	1016.34	1016.24	1016.16	1016.08	1016.01	1015.98	1016.37

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	1015.91	1015.88	1015.81	1015.74	1015.66	1015.58	1015.52	1015.49	1015.45	1015.40	1015.37	1015.36	1015.58
	1	1015.37	1015.33	1015.25	1015.23	1015.25	1015.22	1015.17	1015.13	1015.07	1015.02	1015.00	1014.94	1015.16
	2	1014.89	1014.85	1014.75	1014.64	1014.58	1014.53	1014.47	1014.39	1014.31	1014.26	1014.20	1014.13	1014.50
	3	1014.06	1014.00	1013.94	1013.88	1013.85	1013.86	1013.84	1013.79	1013.77	1013.71	1013.56	1013.43	1013.81
	4	1013.37	1013.32	1013.24	1013.17	1013.14	1013.15	1013.16	1013.15	1013.13	1013.11	1013.05	1012.98	1013.16
	5	1012.96	1012.94	1012.91	1012.86	1012.78	1012.67	1012.61	1012.58	1012.56	1012.54	1012.49	1012.39	1012.69
	6	1012.34	1012.33	1012.32	1012.29	1012.25	1012.27	1012.27	1012.19	1012.12	1012.08	1012.08	1012.04	1012.21
	7	1012.02	1012.02	1011.91	1011.83	1011.82	1011.83	1011.85	1011.82	1011.79	1011.74	1011.67	1011.68	1011.83
	8	1011.68	1011.70	1011.74	1011.73	1011.75	1011.81	1011.87	1011.93	1011.94	1011.94	1011.99	1012.02	1011.84
	9	1011.98	1011.92	1011.85	1011.84	1011.85	1011.82	1011.81	1011.77	1011.70	1011.58	1011.48	1011.43	1011.75
	10	1011.36	1011.32	1011.25	1011.12	1011.03	1010.95	1010.83	1010.68	1010.52	1010.39	1010.30	1010.20	1010.83
	11	1010.08	1010.03	1009.96	1009.85	1009.70	1009.61	1009.51	1009.29	1009.12	1009.05	1008.94	1008.78	1009.49
	12	1008.61	1008.41	1008.24	1008.13	1008.08	1008.02	1007.92	1007.87	1007.75	1007.54	1007.42	1007.42	1007.95
	13	1007.40	1007.34	1007.22	1007.18	1007.18	1007.12	1007.06	1007.04	1007.03	1007.00	1006.90	1006.80	1007.10
	14	1006.70	1006.63	1006.66	1006.74	1006.78	1006.77	1006.79	1006.84	1006.85	1006.81	1006.74	1006.69	1006.75
	15	1006.63	1006.60	1006.57	1006.51	1006.46	1006.43	1006.36	1006.32	1006.25	1006.18	1006.21	1006.23	1006.39
	16	1006.17	1006.15	1006.23	1006.30	1006.31	1006.30	1006.35	1006.43	1006.53	1006.62	1006.73	1006.84	1006.41
	17	1006.94	1007.07	1007.08	1007.05	1007.09	1007.11	1007.11	1007.18	1007.25	1007.23	1007.23	1007.26	1007.13
	18	1007.31	1007.37	1007.43	1007.44	1007.42	1007.43	1007.42	1007.39	1007.39	1007.39	1007.40	1007.46	1007.40
	19	1007.46	1007.41	1007.39	1007.38	1007.31	1007.27	1007.31	1007.36	1007.36	1007.30	1007.27	1007.26	1007.34
	20	1007.21	1007.13	1007.13	1007.18	1007.18	1007.15	1007.21	1007.28	1007.29	1007.30	1007.32	1007.26	1007.22
	21	1007.16	1007.12	1007.16	1007.13	1007.05	1007.01	1007.04	1007.06	1006.97	1006.91	1006.91	1006.88	1007.03
	22	1006.83	1006.79	1006.75	1006.69	1006.66	1006.61	1006.53	1006.41	1006.30	1006.28	1006.33	1006.37	1006.54
	23	1006.45	1006.58	1006.68	1006.73	1006.79	1006.81	1006.81	1006.77	1006.71	1006.61	1006.51	1006.44	1006.66
10	0	1006.43	1006.44	1006.42	1006.34	1006.29	1006.30	1006.32	1006.35	1006.42	1006.40	1006.37	1006.40	1006.37
	1	1006.40	1006.42	1006.48	1006.49	1006.49	1006.51	1006.51	1006.52	1006.53	1006.50	1006.52	1006.52	1006.49
	2	1006.48	1006.44	1006.38	1006.33	1006.29	1006.25	1006.26	1006.25	1006.20	1006.17	1006.18	1006.22	1006.28
	3	1006.27	1006.30	1006.24	1006.23	1006.30	1006.33	1006.33	1006.31	1006.25	1006.19	1006.22	1006.23	1006.26
	4	1006.18	1006.14	1006.12	1006.12	1006.14	1006.21	1006.22	1006.18	1006.14	1006.12	1006.15	1006.23	1006.16
	5	1006.29	1006.31	1006.36	1006.44	1006.52	1006.57	1006.61	1006.67	1006.75	1006.83	1006.89	1006.94	1006.60
	6	1007.04	1007.14	1007.19	1007.23	1007.24	1007.23	1007.25	1007.32	1007.38	1007.41	1007.45	1007.54	1007.28
	7	1007.61	1007.65	1007.71	1007.76	1007.74	1007.71	1007.70	1007.75	1007.80	1007.86	1007.94	1007.99	1007.77
	8	1008.03	1008.03	1008.01	1008.04	1008.04	1008.05	1008.17	1008.30	1008.40	1008.46	1008.54	1008.63	1008.22
	9	1008.72	1008.79	1008.85	1008.92	1008.95	1008.95	1008.92	1008.93	1008.96	1008.92	1008.88	1008.89	1008.89
	10	1008.90	1008.90	1008.88	1008.89	1008.91	1008.89	1008.89	1008.86	1008.83	1008.81	1008.76	1008.73	1008.85
	11	1008.70	1008.63	1008.59	1008.60	1008.58	1008.57	1008.59	1008.54	1008.53	1008.56	1008.57	1008.59	1008.59
	12	1008.60	1008.59	1008.53	1008.47	1008.47	1008.47	1008.45	1008.44	1008.41	1008.39	1008.38	1008.36	1008.46
	13	1008.33	1008.32	1008.33	1008.28	1008.26	1008.28	1008.33	1008.36	1008.41	1008.49	1008.48	1008.46	1008.36
	14	1008.50	1008.56	1008.58	1008.58	1008.61	1008.67	1008.75	1008.83	1008.90	1008.96	1009.01	1009.05	1008.75
	15	1009.08	1009.14	1009.21	1009.21	1009.24	1009.34	1009.39	1009.41	1009.49	1009.61	1009.67	1009.73	1009.37
	16	1009.79	1009.87	1009.96	1010.00	1010.05	1010.11	1010.26	1010.42	1010.54	1010.66	1010.69	1010.71	1010.25
	17	1010.81	1010.92	1010.95	1010.97	1011.01	1011.04	1011.08	1011.14	1011.18	1011.21	1011.23	1011.22	1011.06
	18	1011.27	1011.37	1011.44	1011.51	1011.59	1011.63	1011.63	1011.63	1011.64	1011.69	1011.73	1011.72	1011.57
	19	1011.71	1011.77	1011.84	1011.84	1011.84	1011.87	1011.91	1011.94	1011.94	1011.98	1011.99	1011.98	1011.88
	20	1012.03	1012.07	1012.08	1012.07	1012.01	1011.98	1012.00	1011.98	1011.93	1011.94	1011.97	1012.01	1012.00
	21	1012.06	1012.08	1012.14	1012.25	1012.32	1012.37	1012.40	1012.39	1012.38	1012.42	1012.44	1012.43	1012.31
	22	1012.48	1012.51	1012.52	1012.53	1012.55	1012.56	1012.59	1012.63	1012.62	1012.64	1012.68	1012.68	1012.58
	23	1012.68	1012.70	1012.72	1012.71	1012.66	1012.63	1012.63	1012.62	1012.60	1012.59	1012.59	1012.57	1012.64

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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	1012.46	1012.47	1012.50	1012.52	1012.48	1012.41	1012.40	1012.43	1012.41	1012.40	1012.37	1012.34	1012.43
	1	1012.35	1012.32	1012.31	1012.33	1012.34	1012.33	1012.31	1012.29	1012.24	1012.18	1012.15	1012.12	1012.27
	2	1012.05	1011.97	1011.94	1011.89	1011.87	1011.88	1011.86	1011.83	1011.85	1011.90	1011.93	1011.97	1011.91
	3	1011.95	1011.94	1011.92	1011.89	1011.90	1011.88	1011.84	1011.78	1011.75	1011.74	1011.72	1011.71	1011.83
	4	1011.65	1011.57	1011.55	1011.51	1011.45	1011.46	1011.48	1011.52	1011.58	1011.57	1011.52	1011.53	1011.53
	5	1011.57	1011.60	1011.63	1011.59	1011.52	1011.50	1011.50	1011.49	1011.45	1011.41	1011.45	1011.46	1011.51
	6	1011.50	1011.57	1011.59	1011.59	1011.61	1011.64	1011.69	1011.69	1011.64	1011.58	1011.54	1011.54	1011.60
	7	1011.61	1011.68	1011.67	1011.64	1011.64	1011.67	1011.66	1011.62	1011.64	1011.68	1011.74	1011.81	1011.67
	8	1011.88	1011.89	1011.86	1011.87	1011.88	1011.91	1011.96	1011.95	1011.91	1011.85	1011.82	1011.81	1011.88
	9	1011.81	1011.83	1011.84	1011.82	1011.74	1011.67	1011.62	1011.58	1011.53	1011.45	1011.36	1011.25	1011.62
	10	1011.14	1011.09	1011.07	1011.02	1010.94	1010.89	1010.85	1010.83	1010.80	1010.76	1010.70	1010.66	1010.89
	11	1010.62	1010.52	1010.43	1010.41	1010.40	1010.36	1010.30	1010.21	1010.12	1010.04	1009.98	1009.95	1010.28
	12	1009.90	1009.80	1009.75	1009.78	1009.76	1009.69	1009.66	1009.61	1009.52	1009.44	1009.42	1009.39	1009.64
	13	1009.35	1009.32	1009.27	1009.26	1009.28	1009.27	1009.23	1009.14	1009.06	1009.04	1009.02	1009.00	1009.18
	14	1009.00	1009.03	1009.03	1008.97	1008.90	1008.88	1008.91	1008.95	1008.97	1009.05	1009.09	1009.05	1008.98
	15	1009.03	1009.07	1009.12	1009.14	1009.08	1009.05	1009.05	1009.02	1009.00	1009.03	1009.03	1009.00	1009.05
	16	1008.98	1008.98	1009.02	1009.08	1009.11	1009.11	1009.16	1009.19	1009.14	1009.10	1009.07	1009.01	1009.08
	17	1008.99	1008.93	1008.90	1008.91	1008.91	1008.91	1008.95	1008.95	1008.95	1008.96	1009.01	1009.07	1008.95
	18	1009.10	1009.16	1009.21	1009.23	1009.22	1009.14	1009.10	1009.10	1009.12	1009.18	1009.20	1009.15	1009.16
	19	1009.05	1009.00	1008.97	1008.97	1009.00	1008.96	1008.93	1008.92	1008.91	1008.88	1008.81	1008.77	1008.93
	20	1008.79	1008.78	1008.76	1008.76	1008.67	1008.63	1008.66	1008.65	1008.61	1008.56	1008.53	1008.52	1008.66
	21	1008.53	1008.51	1008.46	1008.40	1008.37	1008.35	1008.30	1008.29	1008.32	1008.36	1008.39	1008.40	1008.39
	22	1008.40	1008.40	1008.39	1008.37	1008.32	1008.27	1008.21	1008.16	1008.12	1008.07	1007.97	1007.79	1008.20
	23	1007.65	1007.58	1007.52	1007.48	1007.45	1007.40	1007.34	1007.27	1007.25	1007.26	1007.30	1007.29	1007.40
12	0	1007.15	1007.10	1007.02	1006.99	1006.98	1006.96	1006.88	1006.87	1006.91	1006.91	1006.94	1006.97	1006.96
	1	1007.00	1006.95	1006.77	1006.60	1006.48	1006.41	1006.34	1006.35	1006.43	1006.39	1006.33	1006.35	1006.53
	2	1006.33	1006.28	1006.25	1006.22	1006.18	1006.10	1006.03	1005.94	1005.84	1005.76	1005.67	1005.55	1006.01
	3	1005.43	1005.35	1005.29	1005.18	1005.03	1004.89	1004.79	1004.70	1004.62	1004.51	1004.40	1004.34	1004.87
	4	1004.35	1004.43	1004.51	1004.50	1004.34	1004.19	1004.14	1004.12	1004.07	1003.98	1003.89	1003.89	1004.20
	5	1003.93	1003.94	1004.03	1004.08	1004.05	1004.04	1004.06	1004.11	1004.20	1004.26	1004.25	1004.19	1004.09
	6	1004.13	1004.11	1004.10	1004.08	1004.07	1004.08	1004.14	1004.23	1004.27	1004.28	1004.30	1004.31	1004.17
	7	1004.38	1004.45	1004.46	1004.45	1004.45	1004.44	1004.41	1004.40	1004.39	1004.35	1004.33	1004.36	1004.40
	8	1004.38	1004.37	1004.34	1004.36	1004.49	1004.53	1004.49	1004.51	1004.53	1004.54	1004.58	1004.61	1004.47
	9	1004.60	1004.59	1004.58	1004.52	1004.46	1004.45	1004.47	1004.48	1004.46	1004.38	1004.32	1004.31	1004.47
	10	1004.26	1004.19	1004.11	1004.02	1003.98	1003.93	1003.86	1003.82	1003.77	1003.69	1003.59	1003.51	1003.89
	11	1003.45	1003.40	1003.33	1003.29	1003.23	1003.17	1003.13	1003.18	1003.56	1003.85	1003.88	1003.84	1003.44
	12	1003.75	1003.73	1003.66	1003.50	1003.31	1003.16	1003.05	1003.02	1003.00	1002.93	1002.90	1002.93	1003.24
	13	1002.92	1002.91	1002.93	1002.96	1002.98	1002.94	1002.89	1002.87	1002.80	1002.74	1002.76	1002.78	1002.87
	14	1002.79	1002.79	1002.83	1002.93	1003.01	1003.00	1002.96	1002.91	1002.91	1003.05	1003.22	1003.30	1002.97
	15	1003.26	1003.18	1003.08	1002.86	1002.64	1002.60	1002.61	1002.61	1002.67	1002.72	1002.68	1002.66	1002.79
	16	1002.63	1002.63	1002.71	1002.74	1002.67	1002.64	1002.63	1002.67	1002.72	1002.71	1002.74	1002.82	1002.69
	17	1002.87	1002.92	1003.00	1003.10	1003.23	1003.36	1003.45	1003.46	1003.48	1003.53	1003.55	1003.55	1003.29
	18	1003.57	1003.63	1003.65	1003.59	1003.57	1003.57	1003.52	1003.50	1003.54	1003.57	1003.56	1003.52	1003.56
	19	1003.52	1003.50	1003.42	1003.40	1003.41	1003.37	1003.36	1003.31	1003.23	1003.24	1003.29	1003.30	1003.36
	20	1003.30	1003.34	1003.40	1003.45	1003.43	1003.39	1003.39	1003.39	1003.39	1003.34	1003.25	1003.18	1003.35
	21	1003.15	1003.15	1003.21	1003.27	1003.31	1003.32	1003.30	1003.30	1003.32	1003.33	1003.36	1003.38	1003.28
	22	1003.35	1003.34	1003.30	1003.29	1003.28	1003.22	1003.19	1003.21	1003.21	1003.14	1003.09	1003.08	1003.22
	23	1003.06	1003.03	1003.03	1003.00	1002.95	1002.94	1002.89	1002.78	1002.68	1002.64	1002.60	1002.53	1002.84

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
13	0	1002.48	1002.45	1002.42	1002.45	1002.45	1002.41	1002.36	1002.30	1002.23	1002.19	1002.14	1002.13	1002.33
	1	1002.15	1002.12	1002.08	1002.06	1002.06	1001.99	1001.85	1001.81	1001.82	1001.77	1001.67	1001.60	1001.91
	2	1001.60	1001.58	1001.52	1001.44	1001.36	1001.25	1001.06	1000.87	1000.79	1000.74	1000.63	1000.52	1001.11
	3	1000.42	1000.31	1000.14	1000.03	999.98	999.89	999.84	999.84	999.79	999.71	999.63	999.52	999.92
	4	999.37	999.20	998.98	998.88	998.83	998.76	998.69	998.55	998.47	998.44	998.38	998.34	998.74
	5	998.34	998.36	998.34	998.28	998.19	998.12	998.14	998.15	998.04	997.90	997.78	997.66	998.11
	6	997.56	997.49	997.47	997.47	997.40	997.30	997.17	997.07	997.12	997.19	997.11	996.97	997.27
	7	996.88	996.77	996.64	996.52	996.44	996.38	996.35	996.39	996.38	996.17	996.02	995.97	996.41
	8	995.92	995.83	995.67	995.48	995.29	995.32	995.53	995.50	995.32	995.29	995.27	995.15	995.46
	9	994.99	994.90	994.84	994.78	994.68	994.47	994.36	994.26	994.14	994.15	994.11	993.95	994.47
	10	993.83	993.74	993.61	993.51	993.37	993.18	992.97	992.72	992.45	992.24	992.01	991.76	992.95
	11	991.66	991.49	991.17	991.04	990.90	990.69	990.58	990.42	990.25	990.10	990.02	989.95	990.69
	12	989.82	989.67	989.57	989.48	989.28	989.10	988.97	988.81	988.64	988.49	988.29	988.11	989.02
	13	987.95	987.67	987.34	987.12	986.86	986.52	986.27	986.05	985.90	985.84	985.82	985.83	986.59
	14	985.64	985.47	985.41	985.23	985.11	985.05	985.14	985.21	985.14	985.10	985.06	985.02	985.21
	15	984.94	984.82	984.77	984.72	984.64	984.58	984.50	984.38	984.30	984.21	984.13	984.36	984.53
	16	984.74	985.21	985.10	984.60	984.60	984.70	984.77	984.76	984.99	985.26	985.34	985.37	984.95
	17	985.34	985.35	985.37	985.34	985.31	985.32	985.30	985.47	985.65	985.67	985.72	985.77	985.47
	18	985.81	985.86	985.88	985.94	986.08	986.27	986.44	986.47	986.43	986.33	986.25	986.35	986.18
	19	986.45	986.47	986.54	986.63	986.72	986.80	986.85	986.90	986.97	987.02	987.06	987.13	986.79
	20	987.19	987.26	987.37	987.44	987.48	987.61	987.78	987.87	987.95	988.07	988.20	988.27	987.71
	21	988.37	988.47	988.55	988.67	988.79	988.90	989.03	989.22	989.35	989.46	989.62	989.78	989.01
	22	989.90	990.00	990.07	990.11	990.17	990.23	990.30	990.39	990.49	990.65	990.73	990.80	990.32
	23	990.93	991.03	991.17	991.33	991.46	991.54	991.63	991.76	991.88	991.98	992.09	992.25	991.59
14	0	992.45	992.49	992.62	992.79	992.95	993.10	993.27	993.37	993.44	993.60	993.74	993.87	993.17
	1	993.99	994.11	994.24	994.37	994.54	994.72	994.84	994.96	995.07	995.09	995.09	995.11	994.67
	2	995.17	995.28	995.44	995.61	995.70	995.79	995.82	995.79	995.89	995.99	996.04	996.14	995.72
	3	996.23	996.31	996.36	996.36	996.37	996.43	996.52	996.63	996.77	996.96	997.12	997.32	996.61
	4	997.52	997.65	997.72	997.70	997.71	997.84	998.01	998.19	998.39	998.58	998.72	998.88	998.07
	5	999.09	999.27	999.36	999.38	999.43	999.58	999.79	999.86	999.85	999.98	1000.13	1000.24	999.66
	6	1000.28	1000.27	1000.34	1000.42	1000.46	1000.56	1000.64	1000.62	1000.63	1000.80	1000.88	1000.91	1000.57
	7	1001.11	1001.36	1001.65	1001.91	1001.97	1001.97	1002.09	1002.17	1002.20	1002.27	1002.38	1002.44	1001.96
	8	1002.51	1002.64	1002.74	1002.83	1002.90	1002.93	1003.00	1003.04	1003.06	1003.07	1003.08	1003.08	1002.90
	9	1003.09	1003.03	1002.99	1003.09	1003.28	1003.42	1003.52	1003.60	1003.63	1003.78	1003.99	1003.99	1003.45
	10	1003.80	1003.78	1003.84	1003.85	1004.02	1004.07	1003.95	1003.93	1004.06	1004.18	1004.25	1004.28	1004.00
	11	1004.19	1004.20	1004.41	1004.53	1004.46	1004.39	1004.44	1004.47	1004.53	1004.65	1004.75	1004.85	1004.49
	12	1004.90	1004.88	1004.95	1005.09	1005.20	1005.31	1005.46	1005.65	1005.75	1005.80	1005.81	1005.74	1005.37
	13	1005.71	1005.76	1005.80	1005.82	1005.82	1005.85	1005.98	1006.13	1006.25	1006.44	1006.54	1006.57	1006.05
	14	1006.60	1006.57	1006.49	1006.45	1006.42	1006.34	1006.38	1006.47	1006.55	1006.54	1006.56	1006.67	1006.50
	15	1006.71	1006.77	1006.79	1006.78	1006.87	1006.96	1007.09	1007.21	1007.31	1007.47	1007.62	1007.76	1007.11
	16	1007.97	1008.12	1008.19	1008.24	1008.23	1008.27	1008.44	1008.67	1008.82	1008.89	1008.92	1008.94	1008.47
	17	1009.00	1009.13	1009.29	1009.40	1009.47	1009.52	1009.64	1009.80	1009.90	1009.97	1010.05	1010.12	1009.61
	18	1010.21	1010.28	1010.29	1010.29	1010.35	1010.34	1010.34	1010.42	1010.48	1010.49	1010.60	1010.76	1010.40
	19	1010.79	1010.81	1010.86	1010.86	1010.85	1010.90	1011.00	1011.06	1011.14	1011.20	1011.23	1011.27	1011.00
	20	1011.32	1011.45	1011.53	1011.55	1011.54	1011.59	1011.68	1011.74	1011.86	1012.00	1011.97	1011.84	1011.67
	21	1011.84	1011.94	1012.07	1012.19	1012.21	1012.25	1012.28	1012.37	1012.50	1012.51	1012.54	1012.57	1012.27
	22	1012.64	1012.74	1012.82	1012.85	1012.88	1012.90	1012.94	1012.99	1012.99	1012.98	1012.96	1013.04	1012.89
	23	1013.09	1013.06	1013.10	1013.11	1013.14	1013.16	1013.19	1013.25	1013.32	1013.40	1013.44	1013.46	1013.22

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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	1013.53	1013.62	1013.66	1013.66	1013.69	1013.65	1013.63	1013.65	1013.63	1013.67	1013.77	1013.81	1013.67
	1	1013.85	1013.92	1014.00	1014.12	1014.22	1014.32	1014.37	1014.42	1014.50	1014.54	1014.53	1014.52	1014.27
	2	1014.60	1014.65	1014.60	1014.55	1014.57	1014.59	1014.53	1014.44	1014.45	1014.48	1014.49	1014.52	1014.54
	3	1014.59	1014.66	1014.68	1014.67	1014.66	1014.66	1014.59	1014.55	1014.54	1014.51	1014.53	1014.57	1014.60
	4	1014.56	1014.60	1014.73	1014.83	1014.85	1014.80	1014.85	1014.92	1014.95	1015.02	1015.06	1015.10	1014.85
	5	1015.15	1015.20	1015.21	1015.26	1015.39	1015.49	1015.45	1015.40	1015.49	1015.52	1015.51	1015.56	1015.38
	6	1015.57	1015.57	1015.66	1015.73	1015.77	1015.81	1015.76	1015.71	1015.73	1015.85	1015.95	1016.00	1015.76
	7	1016.08	1016.17	1016.25	1016.32	1016.41	1016.42	1016.44	1016.56	1016.60	1016.59	1016.62	1016.62	1016.42
	8	1016.68	1016.75	1016.71	1016.77	1016.82	1016.79	1016.85	1016.81	1016.88	1017.03	1017.07	1017.16	1016.86
	9	1017.20	1017.23	1017.33	1017.34	1017.41	1017.50	1017.52	1017.61	1017.50	1017.43	1017.51	1017.43	1017.42
	10	1017.46	1017.46	1017.41	1017.45	1017.36	1017.39	1017.40	1017.22	1017.20	1017.24	1017.17	1017.19	1017.33
	11	1017.21	1017.14	1017.14	1017.15	1017.10	1017.16	1017.12	1017.03	1017.11	1017.11	1017.15	1017.14	1017.13
	12	1017.11	1017.07	1017.00	1017.04	1017.02	1017.00	1017.03	1017.06	1017.07	1017.04	1017.05	1017.02	1017.04
	13	1016.99	1016.96	1016.99	1017.01	1016.99	1017.07	1017.09	1017.14	1017.15	1017.14	1017.13	1017.11	1017.06
	14	1017.15	1017.20	1017.21	1017.23	1017.25	1017.21	1017.22	1017.26	1017.29	1017.31	1017.31	1017.33	1017.25
	15	1017.33	1017.32	1017.31	1017.33	1017.38	1017.38	1017.42	1017.48	1017.47	1017.51	1017.55	1017.57	1017.42
	16	1017.57	1017.62	1017.68	1017.68	1017.69	1017.74	1017.79	1017.82	1017.86	1017.86	1017.88	1017.95	1017.76
	17	1018.02	1018.07	1018.09	1018.07	1018.09	1018.10	1018.09	1018.09	1018.06	1018.06	1018.10	1018.13	1018.08
	18	1018.15	1018.16	1018.16	1018.19	1018.22	1018.24	1018.28	1018.31	1018.34	1018.37	1018.40	1018.40	1018.27
	19	1018.39	1018.40	1018.45	1018.52	1018.57	1018.60	1018.64	1018.69	1018.71	1018.72	1018.71	1018.73	1018.59
	20	1018.78	1018.81	1018.80	1018.83	1018.85	1018.86	1018.86	1018.82	1018.79	1018.75	1018.71	1018.70	1018.80
	21	1018.69	1018.65	1018.65	1018.69	1018.72	1018.75	1018.80	1018.85	1018.89	1018.95	1019.01	1019.05	1018.81
	22	1019.08	1019.07	1019.09	1019.17	1019.21	1019.19	1019.16	1019.15	1019.13	1019.10	1019.12	1019.13	1019.13
	23	1019.14	1019.15	1019.15	1019.18	1019.23	1019.23	1019.26	1019.27	1019.28	1019.29	1019.27	1019.24	1019.22
16	0	1019.19	1019.17	1019.13	1019.09	1019.05	1019.07	1019.15	1019.24	1019.31	1019.37	1019.40	1019.45	1019.22
	1	1019.53	1019.61	1019.66	1019.66	1019.66	1019.67	1019.66	1019.69	1019.69	1019.64	1019.63	1019.63	1019.64
	2	1019.61	1019.60	1019.55	1019.48	1019.45	1019.42	1019.37	1019.39	1019.42	1019.39	1019.38	1019.39	1019.45
	3	1019.39	1019.39	1019.33	1019.29	1019.29	1019.31	1019.30	1019.30	1019.31	1019.25	1019.20	1019.25	1019.30
	4	1019.33	1019.32	1019.29	1019.27	1019.29	1019.34	1019.40	1019.44	1019.45	1019.49	1019.53	1019.54	1019.39
	5	1019.57	1019.67	1019.75	1019.82	1019.88	1019.89	1019.92	1019.94	1019.90	1019.90	1019.96	1020.00	1019.85
	6	1020.01	1020.03	1020.10	1020.19	1020.25	1020.27	1020.29	1020.31	1020.33	1020.37	1020.40	1020.46	1020.25
	7	1020.54	1020.59	1020.65	1020.72	1020.79	1020.86	1020.94	1020.98	1021.00	1021.01	1021.03	1021.04	1020.84
	8	1021.08	1021.10	1021.09	1021.09	1021.10	1021.13	1021.19	1021.24	1021.30	1021.37	1021.41	1021.44	1021.21
	9	1021.50	1021.56	1021.58	1021.56	1021.55	1021.56	1021.58	1021.55	1021.53	1021.53	1021.47	1021.40	1021.53
	10	1021.36	1021.31	1021.21	1021.11	1021.07	1021.03	1020.98	1020.91	1020.84	1020.76	1020.73	1020.73	1021.00
	11	1020.69	1020.65	1020.61	1020.57	1020.54	1020.49	1020.45	1020.42	1020.36	1020.27	1020.23	1020.16	1020.45
	12	1020.09	1020.07	1020.04	1019.99	1019.91	1019.81	1019.73	1019.66	1019.61	1019.59	1019.55	1019.50	1019.79
	13	1019.44	1019.41	1019.38	1019.33	1019.31	1019.30	1019.33	1019.38	1019.42	1019.40	1019.37	1019.35	1019.37
	14	1019.31	1019.31	1019.33	1019.34	1019.34	1019.36	1019.39	1019.40	1019.38	1019.34	1019.31	1019.29	1019.34
	15	1019.30	1019.32	1019.32	1019.32	1019.32	1019.33	1019.33	1019.33	1019.33	1019.34	1019.35	1019.34	1019.33
	16	1019.33	1019.32	1019.31	1019.28	1019.26	1019.24	1019.21	1019.20	1019.23	1019.26	1019.28	1019.31	1019.27
	17	1019.32	1019.31	1019.28	1019.25	1019.27	1019.28	1019.26	1019.22	1019.24	1019.30	1019.29	1019.23	1019.27
	18	1019.19	1019.18	1019.13	1019.05	1019.00	1018.94	1018.87	1018.86	1018.86	1018.83	1018.81	1018.85	1018.96
	19	1018.88	1018.85	1018.80	1018.80	1018.80	1018.77	1018.71	1018.67	1018.66	1018.63	1018.60	1018.60	1018.73
	20	1018.60	1018.54	1018.47	1018.42	1018.36	1018.30	1018.29	1018.30	1018.31	1018.31	1018.27	1018.22	1018.36
	21	1018.21	1018.22	1018.21	1018.18	1018.16	1018.15	1018.12	1018.08	1018.06	1018.05	1018.08	1018.11	1018.13
	22	1018.12	1018.12	1018.12	1018.12	1018.11	1018.09	1018.09	1018.08	1018.04	1018.04	1018.06	1018.01	1018.08
	23	1017.96	1017.94	1017.86	1017.81	1017.83	1017.84	1017.82	1017.81	1017.82	1017.83	1017.82	1017.81	1017.84

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
17	0	1017.82	1017.83	1017.82	1017.83	1017.84	1017.84	1017.86	1017.87	1017.86	1017.89	1017.93	1017.94	1017.86
	1	1017.94	1017.94	1017.93	1017.93	1017.93	1017.93	1017.97	1018.02	1018.06	1018.07	1018.05	1018.04	1017.98
	2	1017.99	1017.94	1017.90	1017.84	1017.80	1017.76	1017.71	1017.65	1017.60	1017.61	1017.62	1017.60	1017.75
	3	1017.53	1017.46	1017.42	1017.39	1017.35	1017.29	1017.23	1017.21	1017.25	1017.30	1017.29	1017.26	1017.33
	4	1017.27	1017.27	1017.25	1017.27	1017.29	1017.29	1017.26	1017.26	1017.25	1017.27	1017.37	1017.42	1017.29
	5	1017.47	1017.53	1017.60	1017.63	1017.63	1017.67	1017.66	1017.65	1017.65	1017.60	1017.55	1017.56	1017.60
	6	1017.57	1017.59	1017.63	1017.63	1017.66	1017.74	1017.79	1017.80	1017.82	1017.84	1017.83	1017.84	1017.73
	7	1017.86	1017.87	1017.90	1017.94	1017.95	1018.00	1018.02	1018.03	1018.12	1018.21	1018.28	1018.33	1018.04
	8	1018.34	1018.28	1018.24	1018.24	1018.27	1018.32	1018.41	1018.52	1018.59	1018.65	1018.69	1018.73	1018.44
	9	1018.78	1018.79	1018.75	1018.70	1018.66	1018.67	1018.69	1018.67	1018.67	1018.70	1018.73	1018.73	1018.71
	10	1018.78	1018.87	1018.88	1018.86	1018.80	1018.74	1018.70	1018.69	1018.68	1018.58	1018.44	1018.40	1018.70
	11	1018.41	1018.43	1018.42	1018.34	1018.27	1018.32	1018.40	1018.43	1018.41	1018.34	1018.29	1018.26	1018.36
	12	1018.22	1018.24	1018.20	1018.13	1018.16	1018.16	1018.13	1018.21	1018.26	1018.24	1018.14	1018.10	1018.18
	13	1018.16	1018.17	1018.12	1018.14	1018.25	1018.24	1018.23	1018.33	1018.36	1018.29	1018.23	1018.25	1018.23
	14	1018.37	1018.52	1018.62	1018.65	1018.58	1018.55	1018.60	1018.71	1019.01	1019.27	1019.36	1019.35	1018.80
	15	1019.22	1019.19	1019.19	1019.17	1019.26	1019.34	1019.39	1019.41	1019.39	1019.30	1019.27	1019.35	1019.29
	16	1019.44	1019.39	1019.28	1019.37	1019.47	1019.47	1019.47	1019.50	1019.54	1019.59	1019.67	1019.68	1019.49
	17	1019.64	1019.64	1019.67	1019.69	1019.73	1019.76	1019.79	1019.84	1019.89	1019.93	1019.94	1019.93	1019.78
	18	1019.94	1019.97	1019.99	1019.97	1019.95	1019.93	1019.91	1019.84	1019.79	1019.77	1019.78	1019.83	1019.89
	19	1019.91	1019.94	1019.89	1019.83	1019.86	1019.87	1019.84	1019.86	1019.89	1019.92	1019.99	1020.02	1019.90
	20	1019.98	1019.94	1019.90	1019.87	1019.89	1019.88	1019.85	1019.88	1019.94	1019.98	1019.95	1019.88	1019.91
	21	1019.86	1019.85	1019.79	1019.78	1019.80	1019.80	1019.79	1019.79	1019.76	1019.70	1019.65	1019.61	1019.76
	22	1019.59	1019.57	1019.55	1019.51	1019.45	1019.41	1019.37	1019.33	1019.26	1019.17	1019.22	1019.25	1019.39
	23	1019.16	1019.06	1018.98	1019.03	1019.16	1019.22	1019.20	1019.16	1019.13	1019.14	1019.17	1019.15	1019.13
18	0	1019.20	1019.20	1019.17	1019.20	1019.21	1019.15	1019.15	1019.19	1019.24	1019.23	1019.23	1019.31	1019.21
	1	1019.46	1019.60	1019.67	1019.65	1019.61	1019.55	1019.48	1019.47	1019.45	1019.43	1019.44	1019.44	1019.52
	2	1019.41	1019.42	1019.48	1019.53	1019.56	1019.61	1019.62	1019.60	1019.64	1019.67	1019.65	1019.61	1019.56
	3	1019.59	1019.65	1019.74	1019.78	1019.75	1019.73	1019.71	1019.65	1019.66	1019.69	1019.63	1019.58	1019.68
	4	1019.58	1019.58	1019.59	1019.62	1019.55	1019.46	1019.41	1019.39	1019.41	1019.44	1019.47	1019.50	1019.50
	5	1019.55	1019.59	1019.63	1019.62	1019.63	1019.66	1019.62	1019.58	1019.60	1019.64	1019.68	1019.69	1019.62
	6	1019.63	1019.63	1019.67	1019.72	1019.76	1019.80	1019.85	1019.92	1019.99	1020.03	1020.06	1020.09	1019.84
	7	1020.15	1020.19	1020.20	1020.22	1020.26	1020.32	1020.37	1020.42	1020.46	1020.48	1020.52	1020.55	1020.34
	8	1020.57	1020.61	1020.66	1020.70	1020.72	1020.75	1020.80	1020.86	1020.89	1020.86	1020.80	1020.77	1020.75
	9	1020.79	1020.81	1020.79	1020.73	1020.67	1020.66	1020.64	1020.63	1020.61	1020.55	1020.50	1020.47	1020.65
	10	1020.52	1020.57	1020.60	1020.61	1020.58	1020.55	1020.51	1020.51	1020.54	1020.53	1020.50	1020.47	1020.54
	11	1020.44	1020.42	1020.39	1020.33	1020.21	1020.07	1019.95	1019.84	1019.75	1019.69	1019.65	1019.58	1020.02
	12	1019.46	1019.41	1019.43	1019.43	1019.40	1019.37	1019.31	1019.26	1019.25	1019.20	1019.15	1019.17	1019.32
	13	1019.21	1019.24	1019.20	1019.15	1019.12	1019.07	1019.03	1019.03	1019.10	1019.15	1019.17	1019.20	1019.14
	14	1019.18	1019.18	1019.22	1019.24	1019.17	1019.11	1019.15	1019.19	1019.18	1019.22	1019.30	1019.39	1019.21
	15	1019.44	1019.47	1019.47	1019.36	1019.27	1019.26	1019.22	1019.22	1019.25	1019.25	1019.23	1019.19	1019.30
	16	1019.16	1019.18	1019.20	1019.25	1019.22	1019.10	1019.08	1019.08	1019.09	1019.18	1019.23	1019.23	1019.16
	17	1019.17	1019.12	1019.09	1019.15	1019.27	1019.25	1019.13	1019.07	1019.08	1019.06	1019.03	1019.07	1019.12
	18	1019.11	1019.08	1019.04	1018.98	1019.00	1019.09	1019.08	1019.02	1019.07	1019.05	1018.99	1019.00	1019.04
	19	1019.05	1019.10	1019.17	1019.21	1019.23	1019.30	1019.34	1019.32	1019.32	1019.33	1019.29	1019.32	1019.25
	20	1019.42	1019.41	1019.34	1019.35	1019.35	1019.36	1019.40	1019.37	1019.27	1019.19	1019.19	1019.13	1019.31
	21	1019.08	1019.07	1019.01	1018.97	1018.91	1018.86	1018.83	1018.83	1018.86	1018.88	1018.87	1018.79	1018.91
	22	1018.76	1018.67	1018.55	1018.49	1018.48	1018.47	1018.36	1018.34	1018.41	1018.37	1018.30	1018.31	1018.46
	23	1018.28	1018.23	1018.23	1018.24	1018.28	1018.36	1018.44	1018.46	1018.46	1018.52	1018.54	1018.51	1018.38

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2019

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	1018.53	1018.53	1018.53	1018.51	1018.49	1018.46	1018.44	1018.44	1018.47	1018.48	1018.49	1018.61	1018.49
	1	1018.68	1018.68	1018.69	1018.65	1018.58	1018.52	1018.45	1018.37	1018.25	1018.20	1018.19	1018.16	1018.45
	2	1018.11	1018.07	1018.06	1018.01	1017.96	1017.96	1017.93	1017.86	1017.84	1017.82	1017.76	1017.72	1017.92
	3	1017.65	1017.59	1017.54	1017.50	1017.52	1017.53	1017.52	1017.49	1017.48	1017.49	1017.43	1017.38	1017.51
	4	1017.39	1017.38	1017.32	1017.30	1017.29	1017.32	1017.38	1017.40	1017.39	1017.39	1017.41	1017.43	1017.36
	5	1017.44	1017.43	1017.43	1017.42	1017.40	1017.39	1017.38	1017.39	1017.39	1017.41	1017.49	1017.55	1017.43
	6	1017.58	1017.58	1017.57	1017.57	1017.59	1017.63	1017.62	1017.63	1017.66	1017.66	1017.67	1017.66	1017.62
	7	1017.66	1017.68	1017.68	1017.66	1017.63	1017.65	1017.72	1017.81	1017.88	1017.87	1017.88	1017.93	1017.75
	8	1017.91	1017.86	1017.84	1017.89	1017.96	1017.97	1017.94	1017.89	1017.85	1017.82	1017.84	1017.87	1017.88
	9	1017.88	1017.86	1017.87	1017.94	1018.01	1018.02	1017.99	1017.99	1018.04	1018.08	1018.06	1017.97	1017.97
	10	1017.92	1017.91	1017.87	1017.86	1017.82	1017.84	1017.90	1017.94	1017.93	1017.85	1017.72	1017.60	1017.84
	11	1017.44	1017.34	1017.34	1017.36	1017.46	1017.48	1017.27	1017.29	1017.54	1017.62	1017.57	1017.45	1017.43
	12	1017.38	1017.37	1017.37	1017.43	1017.40	1017.27	1017.23	1017.36	1017.50	1017.52	1017.31	1017.12	1017.35
	13	1017.05	1016.94	1016.87	1016.86	1016.89	1016.90	1016.86	1016.72	1016.65	1016.68	1016.66	1016.67	1016.81
	14	1016.69	1016.62	1016.52	1016.47	1016.46	1016.46	1016.47	1016.45	1016.42	1016.40	1016.33	1016.26	1016.46
	15	1016.25	1016.23	1016.22	1016.26	1016.31	1016.32	1016.34	1016.35	1016.34	1016.28	1016.24	1016.17	1016.27
	16	1016.12	1016.12	1016.11	1016.11	1016.18	1016.25	1016.28	1016.26	1016.24	1016.18	1016.09	1016.08	1016.17
	17	1016.12	1016.14	1016.15	1016.18	1016.21	1016.21	1016.21	1016.21	1016.19	1016.23	1016.30	1016.35	1016.21
	18	1016.41	1016.44	1016.40	1016.40	1016.47	1016.54	1016.68	1016.82	1016.86	1016.92	1017.00	1017.01	1016.66
	19	1016.95	1016.88	1016.86	1016.88	1016.93	1017.03	1017.09	1017.08	1017.11	1017.18	1017.24	1017.27	1017.04
	20	1017.32	1017.39	1017.43	1017.45	1017.45	1017.46	1017.49	1017.48	1017.45	1017.46	1017.48	1017.45	1017.44
	21	1017.38	1017.29	1017.31	1017.39	1017.37	1017.33	1017.31	1017.29	1017.24	1017.12	1017.09	1017.18	1017.27
	22	1017.20	1017.14	1017.05	1017.02	1017.03	1017.00	1016.95	1016.90	1016.75	1016.58	1016.50	1016.49	1016.88
	23	1016.47	1016.45	1016.48	1016.44	1016.34	1016.17	1016.03	1016.02	1015.99	1015.93	1015.97	1016.02	1016.19
20	0	1016.13	1016.12	1016.08	1016.08	1016.15	1016.20	1016.16	1016.08	1016.03	1016.05	1016.11	1016.17	1016.11
	1	1016.21	1016.15	1016.05	1015.99	1015.99	1016.02	1016.06	1016.07	1016.05	1016.02	1015.94	1015.85	1016.03
	2	1015.81	1015.83	1015.86	1015.96	1016.04	1016.06	1016.09	1016.08	1015.97	1015.83	1015.69	1015.54	1015.90
	3	1015.43	1015.34	1015.22	1015.04	1014.95	1015.00	1015.07	1015.22	1015.44	1015.70	1016.02	1016.06	1015.38
	4	1016.07	1016.13	1016.03	1015.98	1015.92	1015.80	1015.77	1015.91	1016.09	1016.19	1016.14	1016.05	1016.01
	5	1016.09	1016.19	1016.20	1016.15	1016.12	1016.16	1016.25	1016.29	1016.25	1016.21	1016.21	1016.20	1016.19
	6	1016.14	1016.11	1016.12	1016.01	1015.92	1015.90	1015.86	1015.83	1015.79	1015.77	1015.64	1015.46	1015.88
	7	1015.43	1015.51	1015.54	1015.59	1015.62	1015.54	1015.42	1015.35	1015.34	1015.38	1015.44	1015.52	1015.47
	8	1015.47	1015.41	1015.38	1015.31	1015.24	1015.10	1015.00	1015.11	1015.42	1015.65	1015.67	1015.63	1015.37
	9	1015.57	1015.56	1015.55	1015.50	1015.44	1015.43	1015.44	1015.39	1015.26	1015.17	1015.15	1015.15	1015.38
	10	1015.16	1015.09	1015.00	1014.90	1014.83	1014.78	1014.75	1014.69	1014.58	1014.46	1014.40	1014.38	1014.75
	11	1014.39	1014.41	1014.38	1014.26	1014.11	1013.94	1013.81	1013.75	1013.70	1013.66	1013.65	1013.59	1013.97
	12	1013.49	1013.39	1013.21	1013.00	1012.84	1012.78	1012.79	1012.81	1012.84	1012.77	1012.58	1012.43	1012.91
	13	1012.40	1012.39	1012.30	1012.23	1012.33	1012.41	1012.25	1012.12	1012.06	1011.98	1011.97	1012.07	1012.21
	14	1012.16	1012.14	1011.97	1011.78	1011.65	1011.51	1011.45	1011.42	1011.40	1011.44	1011.54	1011.70	1011.68
	15	1011.82	1011.83	1011.79	1011.68	1011.60	1011.63	1011.63	1011.60	1011.56	1011.54	1011.54	1011.51	1011.64
	16	1011.45	1011.39	1011.32	1011.24	1011.17	1011.07	1010.93	1010.84	1010.73	1010.57	1010.44	1010.32	1010.96
	17	1010.19	1010.01	1009.86	1009.78	1009.68	1009.53	1009.42	1009.37	1009.30	1009.18	1009.11	1009.11	1009.54
	18	1009.16	1009.29	1009.40	1009.48	1009.50	1009.44	1009.31	1009.23	1009.19	1009.10	1009.01	1008.98	1009.26
	19	1009.00	1009.03	1009.08	1009.11	1009.14	1009.19	1009.13	1008.98	1008.88	1008.83	1008.83	1008.78	1009.00
	20	1008.69	1008.61	1008.58	1008.62	1008.70	1008.77	1008.73	1008.62	1008.54	1008.38	1008.29	1008.32	1008.57
	21	1008.37	1008.43	1008.40	1008.25	1008.14	1008.11	1008.14	1008.14	1008.07	1008.09	1008.15	1008.16	1008.20
	22	1008.10	1008.00	1007.88	1007.75	1007.64	1007.53	1007.39	1007.24	1007.12	1007.00	1006.89	1006.87	1007.45
	23	1006.80	1006.69	1006.66	1006.74	1006.80	1006.82	1006.79	1006.65	1006.56	1006.50	1006.38	1006.40	1006.65

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2019

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	1006.53	1006.44	1006.28	1006.14	1006.09	1006.10	1006.02	1005.96	1005.91	1005.84	1005.76	1005.68	1006.04
	1	1005.70	1005.76	1005.79	1005.68	1005.50	1005.39	1005.30	1005.19	1005.03	1004.96	1004.93	1004.83	1005.34
	2	1004.71	1004.56	1004.45	1004.39	1004.33	1004.26	1004.19	1004.12	1004.00	1003.87	1003.80	1003.75	1004.20
	3	1003.67	1003.51	1003.36	1003.26	1003.17	1003.14	1003.10	1002.98	1002.87	1002.81	1002.74	1002.66	1003.10
	4	1002.64	1002.65	1002.59	1002.46	1002.36	1002.31	1002.23	1002.10	1001.91	1001.76	1001.74	1001.69	1002.20
	5	1001.57	1001.61	1001.69	1001.66	1001.62	1001.58	1001.50	1001.35	1001.25	1001.17	1001.07	1000.97	1001.42
	6	1000.93	1000.88	1000.81	1000.82	1000.84	1000.78	1000.70	1000.63	1000.58	1000.58	1000.57	1000.54	1000.72
	7	1000.48	1000.45	1000.45	1000.42	1000.37	1000.40	1000.44	1000.45	1000.52	1000.53	1000.44	1000.38	1000.44
	8	1000.40	1000.46	1000.50	1000.50	1000.40	1000.34	1000.43	1000.47	1000.44	1000.44	1000.51	1000.62	1000.46
	9	1000.63	1000.59	1000.64	1000.64	1000.70	1000.73	1000.59	1000.56	1000.57	1000.44	1000.26	1000.16	1000.54
	10	1000.10	1000.05	1000.02	999.96	999.90	999.87	999.79	999.71	999.62	999.45	999.33	999.37	999.76
	11	999.39	999.40	999.33	999.22	999.19	999.22	999.22	999.17	999.07	998.98	998.88	998.84	999.16
	12	998.93	998.81	998.63	998.52	998.40	998.31	998.24	998.24	998.29	998.36	998.45	998.58	998.48
	13	998.67	998.77	998.85	998.81	998.84	998.98	999.09	999.18	999.27	999.31	999.37	999.49	999.05
	14	999.63	999.67	999.69	999.75	999.78	999.86	999.91	999.89	999.84	999.78	999.76	999.74	999.77
	15	999.76	999.82	999.88	999.94	999.94	1000.04	1000.17	1000.27	1000.35	1000.42	1000.52	1000.56	1000.14
	16	1000.59	1000.66	1000.73	1000.86	1001.02	1001.05	1001.04	1001.02	1000.96	1000.99	1001.06	1001.10	1000.92
	17	1001.14	1001.26	1001.40	1001.45	1001.46	1001.50	1001.59	1001.67	1001.76	1001.89	1001.93	1001.90	1001.58
	18	1001.92	1001.94	1002.00	1002.11	1002.14	1002.17	1002.23	1002.17	1002.08	1002.01	1002.06	1002.21	1002.08
	19	1002.24	1002.08	1002.00	1001.99	1002.02	1002.07	1002.01	1001.97	1002.05	1002.03	1001.88	1001.77	1002.01
	20	1001.69	1001.62	1001.59	1001.62	1001.69	1001.70	1001.61	1001.45	1001.44	1001.41	1001.26	1001.25	1001.53
	21	1001.31	1001.36	1001.28	1001.14	1001.08	1001.03	1001.02	1000.94	1000.77	1000.70	1000.68	1000.63	1000.99
	22	1000.51	1000.50	1000.48	1000.32	1000.22	1000.06	999.95	999.92	999.82	999.69	999.57	999.45	1000.04
	23	999.26	999.00	998.80	998.63	998.56	998.58	998.63	998.39	998.04	997.80	997.63	997.46	998.40
22	0	997.29	997.18	996.91	996.63	996.44	996.27	996.11	995.96	995.76	995.60	995.45	995.39	996.20
	1	995.37	995.11	994.80	994.73	994.73	994.70	994.74	994.53	994.19	993.93	993.56	993.46	994.48
	2	993.37	993.02	992.93	992.99	992.79	992.55	992.46	992.28	992.13	992.04	991.99	991.94	992.54
	3	991.90	991.84	991.76	991.70	991.56	991.29	991.02	990.88	990.69	990.41	990.10	989.65	991.06
	4	989.39	989.87	990.32	990.29	990.05	989.72	989.54	989.45	989.39	989.47	989.76	989.87	989.76
	5	989.81	989.88	990.11	990.41	990.67	990.86	990.97	991.08	991.10	991.19	991.36	991.44	990.74
	6	991.41	991.38	991.41	991.38	991.35	991.38	991.38	991.34	991.37	991.41	991.38	991.33	991.37
	7	991.27	991.21	991.19	991.18	991.16	991.14	991.19	991.27	991.32	991.36	991.40	991.49	991.26
	8	991.47	991.47	991.50	991.39	991.30	991.38	991.47	991.52	991.63	991.68	991.83	992.00	991.55
	9	992.06	992.10	992.16	992.19	992.19	992.31	992.32	992.28	992.39	992.45	992.47	992.47	992.28
	10	992.43	992.44	992.45	992.39	992.29	992.29	992.33	992.30	992.33	992.30	992.24	992.27	992.34
	11	992.33	992.32	992.21	992.14	992.21	992.22	992.13	992.14	992.18	992.22	992.21	992.20	992.21
	12	992.17	992.17	992.17	992.10	992.12	992.17	992.07	992.06	992.11	992.14	992.20	992.19	992.14
	13	992.23	992.27	992.27	992.39	992.44	992.40	992.50	992.65	992.73	992.72	992.77	992.86	992.52
	14	992.97	993.13	993.22	993.22	993.32	993.43	993.46	993.49	993.55	993.56	993.55	993.55	993.37
	15	993.56	993.63	993.74	993.86	993.94	993.93	993.86	993.85	993.89	993.99	994.09	994.12	993.87
	16	994.21	994.33	994.38	994.43	994.53	994.65	994.75	994.83	994.90	995.00	995.08	995.14	994.68
	17	995.28	995.41	995.53	995.62	995.68	995.76	995.81	995.85	995.99	996.16	996.24	996.28	995.80
	18	996.43	996.62	996.77	996.87	996.84	996.78	996.72	996.72	996.88	997.09	997.17	997.25	996.84
	19	997.35	997.35	997.43	997.57	997.59	997.52	997.51	997.59	997.68	997.73	997.81	997.95	997.59
	20	998.06	998.17	998.22	998.24	998.31	998.34	998.35	998.33	998.36	998.41	998.41	998.43	998.30
	21	998.49	998.65	998.77	998.79	998.78	998.65	998.56	998.63	998.67	998.65	998.65	998.74	998.67
	22	998.87	998.92	998.95	998.96	999.00	999.05	999.08	999.02	998.93	998.92	998.94	998.95	998.96
	23	998.95	998.83	998.78	998.85	998.89	998.84	998.73	998.60	998.56	998.59	998.57	998.50	998.72

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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
23	0	998.40	998.39	998.30	998.20	998.12	998.04	998.00	997.99	997.98	998.01	997.99	997.93	998.10
	1	997.99	998.13	998.22	998.14	998.03	998.02	997.94	997.84	997.80	997.71	997.66	997.58	997.92
	2	997.53	997.56	997.63	997.64	997.60	997.67	997.72	997.73	997.82	997.95	998.02	998.00	997.74
	3	997.93	997.91	997.91	998.01	998.15	998.21	998.18	998.16	998.23	998.34	998.40	998.41	998.15
	4	998.44	998.51	998.59	998.60	998.65	998.74	998.73	998.77	998.97	999.08	999.17	999.33	998.79
	5	999.38	999.40	999.44	999.46	999.61	999.80	999.93	1000.13	1000.31	1000.41	1000.49	1000.54	999.91
	6	1000.66	1000.83	1000.93	1001.01	1001.11	1001.22	1001.35	1001.46	1001.51	1001.56	1001.64	1001.74	1001.25
	7	1001.83	1001.92	1002.01	1002.20	1002.38	1002.48	1002.64	1002.83	1002.96	1003.06	1003.15	1003.28	1002.56
	8	1003.41	1003.54	1003.63	1003.67	1003.69	1003.75	1003.83	1003.93	1004.04	1004.15	1004.29	1004.38	1003.86
	9	1004.43	1004.50	1004.56	1004.62	1004.68	1004.73	1004.74	1004.78	1004.78	1004.73	1004.73	1004.72	1004.66
	10	1004.72	1004.75	1004.82	1004.92	1005.00	1005.04	1005.07	1005.03	1005.02	1005.03	1005.00	1004.99	1004.95
	11	1004.97	1004.95	1004.93	1004.91	1004.91	1004.93	1004.93	1004.90	1004.85	1004.83	1004.83	1004.83	1004.89
	12	1004.82	1004.79	1004.79	1004.80	1004.79	1004.79	1004.81	1004.86	1004.88	1004.87	1004.89	1004.90	1004.83
	13	1004.87	1004.88	1004.92	1004.97	1005.03	1005.08	1005.15	1005.22	1005.27	1005.32	1005.38	1005.47	1005.13
	14	1005.56	1005.65	1005.72	1005.82	1005.90	1005.93	1005.95	1005.99	1006.05	1006.10	1006.16	1006.25	1005.92
	15	1006.37	1006.49	1006.62	1006.74	1006.83	1006.93	1007.04	1007.14	1007.26	1007.35	1007.44	1007.54	1006.97
	16	1007.65	1007.74	1007.77	1007.83	1007.91	1008.01	1008.12	1008.21	1008.27	1008.30	1008.31	1008.35	1008.04
	17	1008.39	1008.42	1008.45	1008.52	1008.65	1008.73	1008.76	1008.80	1008.86	1008.94	1008.98	1009.01	1008.71
	18	1009.11	1009.18	1009.20	1009.25	1009.34	1009.41	1009.46	1009.54	1009.61	1009.68	1009.79	1009.94	1009.46
	19	1010.08	1010.18	1010.30	1010.40	1010.42	1010.47	1010.55	1010.60	1010.66	1010.73	1010.84	1010.91	1010.51
	20	1010.94	1010.98	1011.04	1011.10	1011.11	1011.11	1011.18	1011.27	1011.36	1011.43	1011.47	1011.50	1011.20
	21	1011.57	1011.65	1011.68	1011.73	1011.82	1011.90	1012.00	1012.10	1012.15	1012.21	1012.27	1012.31	1011.95
	22	1012.36	1012.45	1012.58	1012.62	1012.61	1012.68	1012.77	1012.85	1012.91	1012.95	1012.98	1013.02	1012.73
	23	1013.04	1013.04	1013.05	1013.12	1013.17	1013.15	1013.17	1013.24	1013.29	1013.34	1013.42	1013.50	1013.21
24	0	1013.55	1013.56	1013.58	1013.61	1013.65	1013.74	1013.85	1013.91	1013.98	1014.13	1014.26	1014.34	1013.85
	1	1014.38	1014.38	1014.40	1014.49	1014.59	1014.61	1014.60	1014.63	1014.67	1014.70	1014.75	1014.77	1014.58
	2	1014.76	1014.75	1014.69	1014.66	1014.66	1014.67	1014.72	1014.81	1014.86	1014.78	1014.67	1014.67	1014.72
	3	1014.74	1014.87	1014.97	1014.95	1014.82	1014.76	1014.78	1014.81	1014.92	1015.05	1015.11	1015.11	1014.90
	4	1015.14	1015.23	1015.30	1015.30	1015.29	1015.35	1015.45	1015.49	1015.51	1015.55	1015.59	1015.71	1015.41
	5	1015.79	1015.82	1015.91	1016.06	1016.15	1016.17	1016.29	1016.41	1016.40	1016.34	1016.39	1016.52	1016.18
	6	1016.58	1016.58	1016.60	1016.64	1016.74	1016.87	1016.95	1016.99	1017.03	1017.10	1017.16	1017.15	1016.86
	7	1017.15	1017.18	1017.23	1017.29	1017.39	1017.47	1017.52	1017.59	1017.62	1017.62	1017.66	1017.72	1017.45
	8	1017.73	1017.71	1017.74	1017.77	1017.84	1018.04	1018.22	1018.33	1018.39	1018.41	1018.45	1018.43	1018.09
	9	1018.34	1018.27	1018.31	1018.41	1018.41	1018.33	1018.28	1018.28	1018.29	1018.31	1018.27	1018.26	1018.31
	10	1018.25	1018.20	1018.21	1018.25	1018.23	1018.16	1018.15	1018.13	1018.07	1018.01	1017.95	1017.91	1018.12
	11	1017.79	1017.66	1017.58	1017.54	1017.54	1017.51	1017.42	1017.33	1017.34	1017.32	1017.25	1017.20	1017.46
	12	1017.22	1017.19	1017.02	1016.96	1016.99	1016.92	1016.87	1016.87	1016.84	1016.81	1016.83	1016.86	1016.95
	13	1016.89	1016.85	1016.71	1016.62	1016.58	1016.57	1016.56	1016.53	1016.51	1016.50	1016.47	1016.45	1016.60
	14	1016.46	1016.40	1016.38	1016.40	1016.34	1016.29	1016.27	1016.25	1016.33	1016.37	1016.33	1016.42	1016.35
	15	1016.47	1016.33	1016.22	1016.15	1016.09	1016.14	1016.20	1016.16	1016.06	1015.95	1015.86	1015.85	1016.12
	16	1015.91	1015.93	1015.94	1015.97	1015.98	1016.03	1016.03	1015.98	1015.92	1015.84	1015.85	1015.91	1015.94
	17	1015.93	1015.95	1016.05	1016.16	1016.28	1016.31	1016.23	1016.07	1015.88	1015.84	1016.01	1016.19	1016.07
	18	1016.29	1016.37	1016.42	1016.45	1016.51	1016.63	1016.69	1016.68	1016.66	1016.74	1016.85	1016.82	1016.59
	19	1016.53	1016.30	1016.44	1016.52	1016.26	1016.10	1016.13	1016.04	1015.81	1015.49	1015.35	1015.47	1016.03
	20	1015.58	1015.61	1015.74	1015.83	1015.82	1015.78	1015.73	1015.66	1015.61	1015.65	1015.75	1015.71	1015.70
	21	1015.62	1015.65	1015.72	1015.77	1015.76	1015.79	1015.85	1015.82	1015.81	1015.82	1015.84	1015.74	1015.76
	22	1015.61	1015.55	1015.57	1015.64	1015.61	1015.54	1015.50	1015.44	1015.37	1015.35	1015.24	1015.16	1015.46
	23	1015.09	1015.07	1015.12	1015.11	1015.09	1015.07	1014.97	1014.94	1015.05	1015.17	1015.26	1015.29	1015.10

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
25	0	1015.22	1015.24	1015.26	1015.26	1015.15	1014.97	1014.85	1014.83	1014.81	1014.77	1014.83	1014.92	1015.00
	1	1014.92	1014.90	1014.95	1014.95	1014.87	1014.71	1014.51	1014.49	1014.53	1014.63	1014.66	1014.64	1014.73
	2	1014.65	1014.65	1014.69	1014.67	1014.71	1014.72	1014.68	1014.61	1014.53	1014.52	1014.53	1014.61	1014.63
	3	1014.61	1014.55	1014.46	1014.38	1014.37	1014.39	1014.46	1014.41	1014.29	1014.35	1014.47	1014.46	1014.43
	4	1014.43	1014.42	1014.36	1014.36	1014.39	1014.41	1014.45	1014.49	1014.51	1014.48	1014.43	1014.45	1014.43
	5	1014.47	1014.46	1014.57	1014.62	1014.57	1014.60	1014.67	1014.73	1014.80	1014.88	1014.97	1015.01	1014.69
	6	1015.08	1015.19	1015.20	1015.19	1015.21	1015.23	1015.28	1015.29	1015.26	1015.27	1015.35	1015.45	1015.25
	7	1015.49	1015.54	1015.64	1015.70	1015.74	1015.76	1015.77	1015.79	1015.84	1015.82	1015.80	1015.85	1015.73
	8	1015.89	1015.94	1016.00	1016.02	1016.04	1016.05	1016.04	1016.05	1016.04	1016.00	1015.97	1015.96	1016.00
	9	1016.01	1016.03	1016.02	1016.02	1016.00	1015.95	1015.92	1015.94	1015.95	1015.94	1015.93	1015.94	1015.97
	10	1015.87	1015.76	1015.69	1015.61	1015.56	1015.57	1015.58	1015.52	1015.44	1015.38	1015.33	1015.27	1015.55
	11	1015.24	1015.22	1015.19	1015.18	1015.12	1014.99	1014.94	1014.93	1014.84	1014.71	1014.66	1014.71	1014.97
	12	1014.71	1014.64	1014.62	1014.65	1014.62	1014.59	1014.61	1014.60	1014.57	1014.54	1014.50	1014.46	1014.59
	13	1014.41	1014.38	1014.37	1014.40	1014.44	1014.39	1014.34	1014.33	1014.33	1014.31	1014.27	1014.28	1014.35
	14	1014.33	1014.30	1014.30	1014.33	1014.32	1014.31	1014.29	1014.24	1014.22	1014.20	1014.20	1014.19	1014.27
	15	1014.19	1014.20	1014.18	1014.12	1014.04	1013.99	1014.01	1014.06	1014.12	1014.21	1014.25	1014.23	1014.13
	16	1014.22	1014.19	1014.12	1014.14	1014.20	1014.24	1014.23	1014.19	1014.16	1014.21	1014.22	1014.15	1014.19
	17	1014.18	1014.22	1014.21	1014.25	1014.32	1014.36	1014.41	1014.44	1014.45	1014.49	1014.52	1014.50	1014.36
	18	1014.49	1014.48	1014.46	1014.48	1014.54	1014.60	1014.59	1014.58	1014.61	1014.64	1014.69	1014.75	1014.57
	19	1014.80	1014.82	1014.83	1014.83	1014.83	1014.88	1014.94	1014.94	1015.00	1015.05	1015.07	1015.13	1014.92
	20	1015.14	1015.15	1015.16	1015.17	1015.19	1015.18	1015.17	1015.20	1015.22	1015.24	1015.25	1015.27	1015.19
	21	1015.27	1015.25	1015.25	1015.27	1015.29	1015.24	1015.23	1015.24	1015.29	1015.36	1015.37	1015.34	1015.28
	22	1015.34	1015.38	1015.40	1015.41	1015.42	1015.41	1015.40	1015.42	1015.42	1015.38	1015.38	1015.39	1015.39
	23	1015.38	1015.38	1015.38	1015.39	1015.42	1015.45	1015.48	1015.48	1015.49	1015.49	1015.50	1015.52	1015.44
26	0	1015.45	1015.48	1015.53	1015.59	1015.65	1015.68	1015.69	1015.71	1015.74	1015.75	1015.79	1015.84	1015.67
	1	1015.90	1016.00	1016.07	1016.14	1016.23	1016.29	1016.33	1016.38	1016.40	1016.39	1016.38	1016.35	1016.24
	2	1016.30	1016.29	1016.33	1016.36	1016.40	1016.43	1016.43	1016.40	1016.37	1016.36	1016.38	1016.40	1016.37
	3	1016.38	1016.35	1016.36	1016.40	1016.42	1016.47	1016.53	1016.57	1016.60	1016.62	1016.64	1016.69	1016.50
	4	1016.72	1016.69	1016.71	1016.84	1016.98	1017.05	1017.10	1017.16	1017.22	1017.24	1017.23	1017.25	1017.01
	5	1017.31	1017.35	1017.44	1017.54	1017.60	1017.68	1017.82	1017.91	1017.95	1018.01	1018.06	1018.13	1017.73
	6	1018.18	1018.19	1018.16	1018.16	1018.21	1018.24	1018.28	1018.36	1018.45	1018.52	1018.62	1018.72	1018.34
	7	1018.77	1018.82	1018.91	1018.99	1019.01	1019.00	1019.04	1019.09	1019.14	1019.21	1019.31	1019.42	1019.06
	8	1019.55	1019.68	1019.75	1019.79	1019.81	1019.84	1019.93	1020.09	1020.21	1020.28	1020.37	1020.46	1019.98
	9	1020.50	1020.54	1020.58	1020.65	1020.70	1020.70	1020.71	1020.71	1020.74	1020.79	1020.78	1020.74	1020.68
	10	1020.72	1020.69	1020.65	1020.61	1020.56	1020.54	1020.53	1020.51	1020.50	1020.46	1020.40	1020.37	1020.54
	11	1020.36	1020.35	1020.33	1020.30	1020.27	1020.23	1020.19	1020.17	1020.13	1020.11	1020.10	1020.07	1020.21
	12	1020.05	1020.03	1020.00	1019.97	1019.96	1019.95	1019.92	1019.88	1019.84	1019.79	1019.75	1019.73	1019.90
	13	1019.69	1019.69	1019.71	1019.67	1019.68	1019.76	1019.78	1019.82	1019.91	1019.95	1019.94	1019.94	1019.79
	14	1019.95	1019.96	1020.01	1020.06	1020.09	1020.13	1020.18	1020.21	1020.24	1020.27	1020.31	1020.36	1020.15
	15	1020.38	1020.40	1020.46	1020.52	1020.56	1020.58	1020.62	1020.68	1020.75	1020.78	1020.79	1020.86	1020.61
	16	1020.93	1020.99	1021.01	1020.99	1020.98	1021.00	1021.03	1021.08	1021.10	1021.09	1021.09	1021.11	1021.03
	17	1021.14	1021.14	1021.11	1021.09	1021.12	1021.17	1021.23	1021.27	1021.32	1021.38	1021.42	1021.42	1021.23
	18	1021.44	1021.46	1021.45	1021.44	1021.41	1021.37	1021.35	1021.37	1021.37	1021.36	1021.40	1021.43	1021.40
	19	1021.45	1021.50	1021.51	1021.52	1021.57	1021.62	1021.64	1021.61	1021.57	1021.56	1021.60	1021.67	1021.57
	20	1021.68	1021.69	1021.66	1021.62	1021.63	1021.61	1021.53	1021.45	1021.48	1021.55	1021.59	1021.63	1021.59
	21	1021.67	1021.74	1021.84	1021.91	1021.74	1021.58	1021.65	1021.62	1021.59	1021.56	1021.47	1021.48	1021.65
	22	1021.52	1021.54	1021.59	1021.61	1021.54	1021.42	1021.34	1021.32	1021.37	1021.44	1021.44	1021.45	1021.46
	23	1021.51	1021.59	1021.64	1021.62	1021.61	1021.66	1021.65	1021.60	1021.63	1021.63	1021.49	1021.33	1021.58

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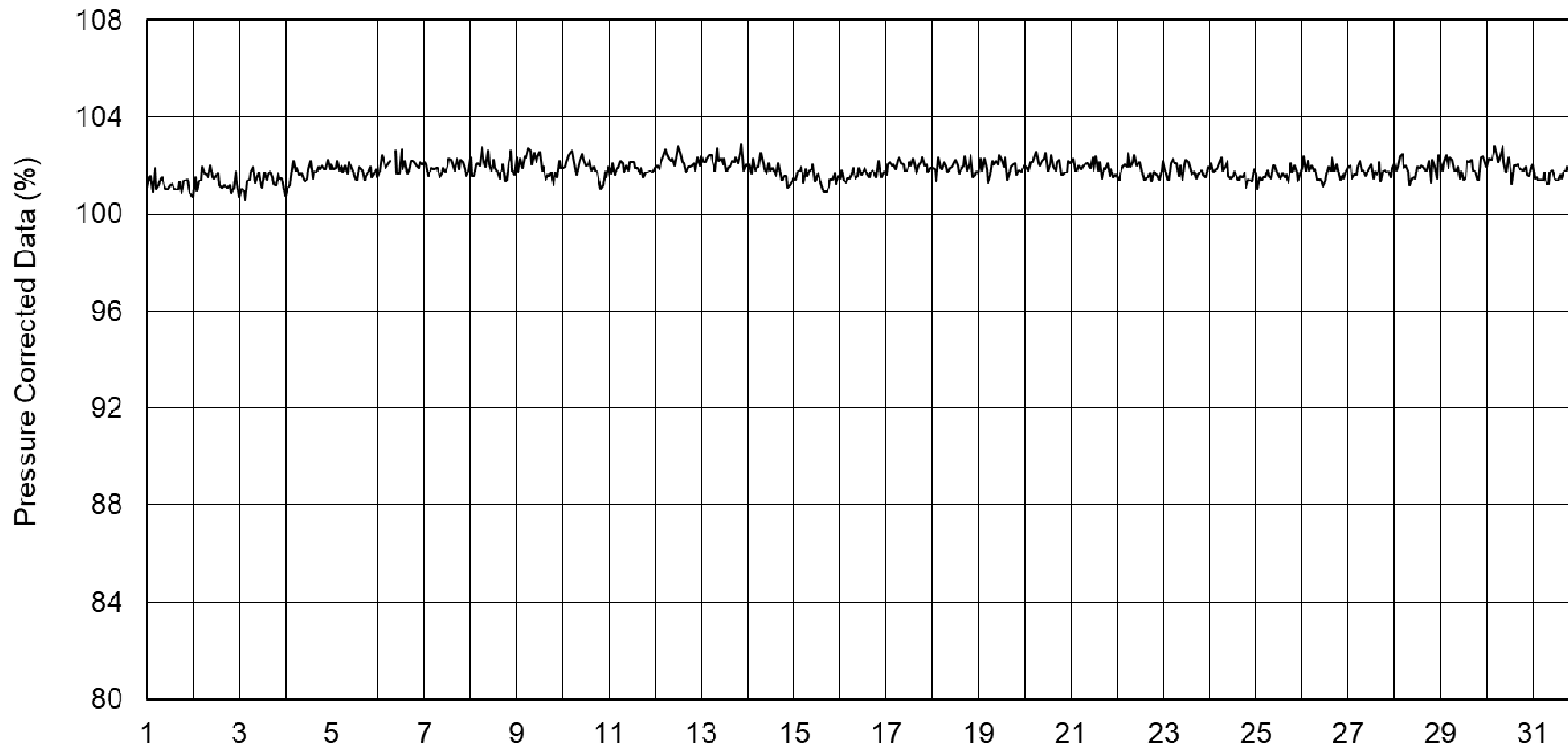
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
27	0	1021.27	1021.24	1021.21	1021.19	1021.15	1021.11	1021.13	1021.15	1021.14	1021.18	1021.20	1021.20	1021.17
	1	1021.24	1021.31	1021.37	1021.38	1021.35	1021.35	1021.38	1021.45	1021.53	1021.55	1021.50	1021.46	1021.40
	2	1021.43	1021.34	1021.28	1021.24	1021.17	1021.18	1021.20	1021.11	1021.03	1021.01	1020.98	1020.95	1021.16
	3	1020.88	1020.82	1020.83	1020.89	1020.92	1020.90	1020.84	1020.82	1020.81	1020.85	1020.89	1020.88	1020.86
	4	1020.85	1020.80	1020.78	1020.74	1020.72	1020.72	1020.74	1020.80	1020.77	1020.69	1020.67	1020.67	1020.74
	5	1020.62	1020.55	1020.49	1020.48	1020.48	1020.49	1020.47	1020.47	1020.51	1020.53	1020.56	1020.59	1020.52
	6	1020.56	1020.60	1020.71	1020.79	1020.81	1020.84	1020.91	1020.96	1021.03	1021.06	1021.07	1021.11	1020.87
	7	1021.11	1021.08	1021.06	1021.06	1021.05	1021.00	1020.97	1021.00	1021.01	1020.97	1020.99	1021.10	1021.03
	8	1021.18	1021.21	1021.22	1021.25	1021.32	1021.35	1021.34	1021.32	1021.31	1021.38	1021.49	1021.53	1021.32
	9	1021.53	1021.51	1021.48	1021.41	1021.35	1021.28	1021.22	1021.19	1021.13	1021.09	1021.05	1020.99	1021.27
	10	1020.90	1020.81	1020.75	1020.70	1020.70	1020.68	1020.59	1020.47	1020.37	1020.26	1020.16	1020.10	1020.54
	11	1020.06	1020.00	1019.93	1019.92	1019.91	1019.87	1019.80	1019.71	1019.63	1019.56	1019.52	1019.49	1019.78
	12	1019.49	1019.48	1019.47	1019.43	1019.45	1019.50	1019.55	1019.57	1019.57	1019.57	1019.51	1019.44	1019.50
	13	1019.42	1019.45	1019.47	1019.44	1019.40	1019.38	1019.35	1019.32	1019.30	1019.30	1019.32	1019.32	1019.37
	14	1019.27	1019.26	1019.27	1019.29	1019.35	1019.37	1019.38	1019.40	1019.41	1019.41	1019.42	1019.44	1019.35
	15	1019.42	1019.40	1019.41	1019.43	1019.46	1019.48	1019.49	1019.49	1019.46	1019.45	1019.44	1019.44	1019.45
	16	1019.46	1019.48	1019.50	1019.51	1019.52	1019.55	1019.64	1019.72	1019.76	1019.83	1019.90	1019.90	1019.65
	17	1019.88	1019.97	1020.12	1020.22	1020.26	1020.29	1020.34	1020.41	1020.49	1020.55	1020.61	1020.66	1020.31
	18	1020.69	1020.69	1020.71	1020.71	1020.68	1020.71	1020.74	1020.69	1020.66	1020.69	1020.71	1020.70	1020.70
	19	1020.69	1020.68	1020.70	1020.72	1020.77	1020.86	1020.91	1020.91	1020.89	1020.91	1020.95	1020.97	1020.83
	20	1020.97	1020.96	1020.98	1021.01	1021.03	1021.07	1021.11	1021.15	1021.20	1021.28	1021.31	1021.31	1021.11
	21	1021.34	1021.40	1021.48	1021.57	1021.61	1021.65	1021.68	1021.71	1021.74	1021.76	1021.79	1021.82	1021.63
	22	1021.80	1021.81	1021.88	1021.93	1021.94	1021.92	1021.90	1021.94	1022.00	1022.01	1021.98	1021.97	1021.92
	23	1021.97	1021.96	1021.97	1021.99	1021.98	1021.92	1021.86	1021.86	1021.87	1021.85	1021.85	1021.84	1021.91
28	0	1021.87	1021.93	1021.97	1021.98	1022.01	1022.00	1021.97	1021.96	1021.98	1022.06	1022.18	1022.25	1022.02
	1	1022.29	1022.34	1022.39	1022.46	1022.50	1022.49	1022.48	1022.51	1022.54	1022.50	1022.44	1022.43	1022.45
	2	1022.47	1022.52	1022.53	1022.51	1022.54	1022.56	1022.52	1022.48	1022.44	1022.45	1022.48	1022.47	1022.49
	3	1022.46	1022.52	1022.58	1022.53	1022.50	1022.52	1022.57	1022.61	1022.67	1022.69	1022.65	1022.65	1022.58
	4	1022.66	1022.65	1022.68	1022.74	1022.86	1022.99	1023.06	1023.06	1023.05	1023.06	1023.16	1023.22	1022.93
	5	1023.18	1023.25	1023.28	1023.23	1023.22	1023.31	1023.48	1023.61	1023.68	1023.66	1023.62	1023.67	1023.43
	6	1023.78	1023.91	1024.03	1024.14	1024.27	1024.30	1024.34	1024.38	1024.39	1024.39	1024.36	1024.36	1024.22
	7	1024.44	1024.49	1024.53	1024.56	1024.55	1024.58	1024.62	1024.69	1024.79	1024.80	1024.77	1024.80	1024.63
	8	1024.90	1025.02	1025.10	1025.09	1025.14	1025.26	1025.38	1025.49	1025.51	1025.51	1025.55	1025.62	1025.29
	9	1025.67	1025.71	1025.78	1025.83	1025.81	1025.80	1025.82	1025.78	1025.73	1025.71	1025.71	1025.72	1025.76
	10	1025.73	1025.74	1025.72	1025.67	1025.60	1025.58	1025.59	1025.59	1025.57	1025.56	1025.52	1025.48	1025.61
	11	1025.49	1025.52	1025.53	1025.53	1025.51	1025.48	1025.45	1025.44	1025.43	1025.42	1025.38	1025.34	1025.46
	12	1025.33	1025.31	1025.28	1025.20	1025.09	1025.02	1024.96	1024.97	1024.99	1024.99	1025.01	1024.97	1025.09
	13	1024.93	1024.97	1025.01	1025.03	1025.06	1025.11	1025.13	1025.15	1025.19	1025.27	1025.31	1025.29	1025.12
	14	1025.30	1025.36	1025.39	1025.43	1025.50	1025.56	1025.56	1025.55	1025.59	1025.66	1025.75	1025.80	1025.53
	15	1025.81	1025.86	1025.95	1026.01	1026.03	1026.07	1026.14	1026.23	1026.28	1026.30	1026.31	1026.36	1026.11
	16	1026.44	1026.57	1026.69	1026.67	1026.68	1026.73	1026.74	1026.77	1026.86	1026.88	1026.81	1026.83	1026.72
	17	1026.99	1027.13	1027.13	1027.08	1027.12	1027.18	1027.15	1027.07	1027.01	1027.04	1027.10	1027.14	1027.09
	18	1027.15	1027.17	1027.24	1027.28	1027.26	1027.24	1027.21	1027.28	1027.39	1027.42	1027.37	1027.35	1027.28
	19	1027.45	1027.55	1027.61	1027.63	1027.68	1027.78	1027.87	1027.97	1028.03	1028.03	1028.01	1027.99	1027.80
	20	1027.99	1027.95	1027.90	1027.86	1027.91	1027.93	1027.97	1028.12	1028.20	1028.21	1028.18	1028.18	1028.03
	21	1028.18	1028.19	1028.23	1028.30	1028.36	1028.33	1028.32	1028.31	1028.34	1028.34	1028.27	1028.31	1028.29
	22	1028.33	1028.35	1028.41	1028.42	1028.38	1028.36	1028.41	1028.51	1028.58	1028.63	1028.64	1028.62	1028.47
	23	1028.58	1028.49	1028.42	1028.43	1028.48	1028.48	1028.46	1028.50	1028.50	1028.47	1028.44	1028.39	1028.47

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1028.36	1028.38	1028.38	1028.36	1028.35	1028.37	1028.41	1028.45	1028.52	1028.60	1028.72	1028.77	1028.48
	1	1028.77	1028.79	1028.73	1028.71	1028.67	1028.63	1028.62	1028.59	1028.57	1028.56	1028.57	1028.56	1028.64
	2	1028.55	1028.55	1028.53	1028.49	1028.43	1028.38	1028.34	1028.29	1028.22	1028.18	1028.14	1028.14	1028.35
	3	1028.17	1028.21	1028.21	1028.18	1028.23	1028.26	1028.25	1028.19	1028.11	1028.12	1028.07	1027.97	1028.16
	4	1027.96	1027.99	1027.97	1027.95	1027.94	1027.91	1027.87	1027.84	1027.80	1027.76	1027.77	1027.80	1027.88
	5	1027.80	1027.80	1027.77	1027.71	1027.71	1027.68	1027.63	1027.70	1027.75	1027.73	1027.76	1027.78	1027.73
	6	1027.77	1027.83	1027.91	1027.96	1028.01	1028.08	1028.11	1028.14	1028.18	1028.22	1028.25	1028.31	1028.06
	7	1028.36	1028.39	1028.41	1028.41	1028.39	1028.41	1028.47	1028.52	1028.52	1028.50	1028.51	1028.58	1028.45
	8	1028.58	1028.57	1028.62	1028.60	1028.54	1028.52	1028.55	1028.62	1028.65	1028.64	1028.59	1028.53	1028.58
	9	1028.56	1028.67	1028.69	1028.67	1028.71	1028.72	1028.68	1028.64	1028.63	1028.61	1028.58	1028.52	1028.64
	10	1028.41	1028.32	1028.25	1028.14	1028.02	1027.86	1027.72	1027.64	1027.57	1027.48	1027.41	1027.33	1027.84
	11	1027.22	1027.15	1027.05	1026.90	1026.81	1026.74	1026.62	1026.52	1026.44	1026.38	1026.36	1026.28	1026.70
	12	1026.19	1026.11	1026.06	1026.01	1025.93	1025.82	1025.74	1025.66	1025.56	1025.49	1025.40	1025.38	1025.78
	13	1025.42	1025.36	1025.25	1025.23	1025.22	1025.24	1025.34	1025.36	1025.36	1025.35	1025.30	1025.29	1025.31
	14	1025.22	1025.20	1025.26	1025.29	1025.29	1025.25	1025.27	1025.28	1025.23	1025.24	1025.23	1025.17	1025.24
	15	1025.11	1025.05	1025.05	1025.06	1025.12	1025.18	1025.20	1025.30	1025.42	1025.56	1025.59	1025.55	1025.26
	16	1025.58	1025.66	1025.71	1025.67	1025.64	1025.66	1025.68	1025.67	1025.67	1025.66	1025.67	1025.73	1025.66
	17	1025.75	1025.90	1026.11	1026.23	1026.32	1026.40	1026.49	1026.59	1026.59	1026.60	1026.71	1026.75	1026.37
	18	1026.74	1026.77	1026.86	1026.91	1026.93	1027.07	1027.19	1027.20	1027.20	1027.16	1027.20	1027.26	1027.04
	19	1027.25	1027.31	1027.40	1027.45	1027.54	1027.66	1027.72	1027.75	1027.81	1027.93	1028.07	1028.14	1027.67
	20	1028.14	1028.12	1028.16	1028.27	1028.30	1028.30	1028.32	1028.31	1028.34	1028.39	1028.37	1028.37	1028.28
	21	1028.39	1028.36	1028.37	1028.45	1028.46	1028.41	1028.34	1028.32	1028.30	1028.29	1028.30	1028.34	1028.36
	22	1028.30	1028.32	1028.52	1028.49	1028.31	1028.24	1028.15	1028.00	1027.95	1028.11	1028.24	1028.21	1028.23
	23	1028.03	1027.86	1027.79	1027.59	1027.56	1027.73	1027.80	1027.83	1027.66	1027.40	1027.39	1027.66	1027.69
30	0	1028.33	1028.34	1028.09	1027.81	1028.03	1028.39	1028.49	1028.44	1028.43	1028.54	1028.56	1028.34	1028.31
	1	1028.21	1028.28	1028.25	1028.12	1028.04	1027.97	1027.93	1027.96	1028.07	1028.15	1028.06	1027.95	1028.08
	2	1027.96	1028.07	1028.16	1028.10	1027.95	1027.91	1027.96	1028.00	1028.06	1028.03	1027.95	1027.89	1028.00
	3	1027.89	1027.96	1028.02	1027.99	1027.91	1027.84	1027.81	1027.84	1027.89	1027.86	1027.79	1027.79	1027.88
	4	1027.78	1027.77	1027.79	1027.76	1027.71	1027.73	1027.75	1027.80	1027.91	1028.00	1028.04	1028.09	1027.84
	5	1028.14	1028.16	1028.15	1028.11	1028.06	1028.01	1028.01	1028.05	1028.09	1028.12	1028.14	1028.17	1028.10
	6	1028.18	1028.11	1028.05	1028.08	1028.13	1028.14	1028.16	1028.19	1028.22	1028.28	1028.34	1028.36	1028.19
	7	1028.40	1028.46	1028.53	1028.57	1028.55	1028.54	1028.55	1028.55	1028.58	1028.63	1028.67	1028.66	1028.55
	8	1028.63	1028.66	1028.66	1028.71	1028.79	1028.86	1028.93	1028.98	1028.94	1028.91	1028.96	1028.94	1028.83
	9	1028.89	1028.90	1028.96	1029.00	1028.96	1028.91	1028.89	1028.92	1028.96	1028.95	1028.98	1029.02	1028.94
	10	1029.04	1029.05	1028.98	1028.84	1028.75	1028.66	1028.62	1028.59	1028.43	1028.26	1028.20	1028.21	1028.63
	11	1028.19	1028.05	1027.91	1027.84	1027.77	1027.70	1027.67	1027.62	1027.53	1027.46	1027.40	1027.33	1027.70
	12	1027.25	1027.17	1027.14	1027.05	1026.97	1026.98	1026.99	1027.04	1027.10	1027.11	1027.11	1027.11	1027.08
	13	1027.06	1026.99	1026.99	1027.06	1027.10	1027.12	1027.09	1027.05	1027.03	1027.02	1027.05	1027.02	1027.05
	14	1026.96	1027.01	1027.11	1027.14	1027.20	1027.24	1027.25	1027.34	1027.41	1027.45	1027.52	1027.54	1027.26
	15	1027.58	1027.67	1027.75	1027.86	1027.95	1027.95	1027.96	1028.05	1028.07	1028.17	1028.25	1028.19	1027.95
	16	1028.21	1028.26	1028.31	1028.30	1028.18	1028.13	1028.17	1028.26	1028.39	1028.46	1028.46	1028.57	1028.31
	17	1028.72	1028.82	1028.96	1029.01	1028.97	1028.94	1028.91	1028.78	1028.54	1028.56	1028.75	1028.68	1028.80
	18	1028.27	1028.10	1028.47	1028.82	1028.89	1028.76	1028.81	1029.17	1029.26	1029.12	1029.06	1029.03	1028.81
	19	1029.30	1029.45	1029.32	1029.41	1029.68	1029.73	1029.71	1029.71	1029.74	1029.64	1029.44	1029.51	1029.55
	20	1029.56	1029.51	1029.58	1029.75	1029.83	1029.82	1029.74	1029.72	1029.82	1029.86	1029.84	1029.88	1029.74
	21	1029.86	1029.88	1029.97	1030.00	1030.00	1029.97	1030.02	1030.11	1030.20	1030.26	1030.34	1030.41	1030.08
	22	1030.42	1030.43	1030.45	1030.40	1030.35	1030.34	1030.32	1030.36	1030.44	1030.44	1030.42	1030.39	1030.40
	23	1030.34	1030.33	1030.31	1030.33	1030.38	1030.40	1030.40	1030.40	1030.41	1030.39	1030.35	1030.32	1030.36

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
31	0	1030.33	1030.29	1030.20	1030.13	1030.12	1030.09	1030.05	1030.13	1030.17	1030.13	1030.15	1030.21	1030.16
	1	1030.26	1030.29	1030.36	1030.37	1030.34	1030.32	1030.35	1030.35	1030.33	1030.40	1030.44	1030.42	1030.35
	2	1030.42	1030.44	1030.44	1030.41	1030.40	1030.43	1030.47	1030.49	1030.48	1030.43	1030.40	1030.38	1030.43
	3	1030.37	1030.39	1030.36	1030.34	1030.35	1030.33	1030.36	1030.36	1030.29	1030.30	1030.38	1030.37	1030.35
	4	1030.32	1030.32	1030.31	1030.27	1030.23	1030.22	1030.23	1030.26	1030.28	1030.29	1030.31	1030.29	1030.27
	5	1030.27	1030.33	1030.36	1030.37	1030.40	1030.39	1030.45	1030.50	1030.51	1030.54	1030.59	1030.63	1030.44
	6	1030.62	1030.59	1030.57	1030.62	1030.66	1030.67	1030.71	1030.76	1030.77	1030.78	1030.79	1030.75	1030.69
	7	1030.74	1030.75	1030.73	1030.76	1030.83	1030.83	1030.81	1030.87	1030.85	1030.83	1030.89	1030.88	1030.81
	8	1030.89	1030.94	1030.94	1030.96	1031.00	1031.00	1031.00	1031.06	1031.11	1031.11	1031.14	1031.17	1031.02
	9	1031.18	1031.20	1031.24	1031.27	1031.27	1031.23	1031.18	1031.13	1031.09	1031.07	1031.01	1030.97	1031.15
	10	1030.90	1030.81	1030.77	1030.75	1030.71	1030.66	1030.61	1030.55	1030.50	1030.42	1030.34	1030.28	1030.61
	11	1030.19	1030.10	1030.02	1029.93	1029.82	1029.74	1029.68	1029.58	1029.50	1029.42	1029.34	1029.30	1029.72
	12	1029.23	1029.13	1029.05	1028.98	1028.92	1028.84	1028.78	1028.71	1028.59	1028.48	1028.43	1028.39	1028.79
	13	1028.36	1028.34	1028.32	1028.31	1028.30	1028.26	1028.25	1028.24	1028.22	1028.21	1028.22	1028.24	1028.27
	14	1028.23	1028.23	1028.22	1028.21	1028.20	1028.20	1028.21	1028.21	1028.23	1028.26	1028.27	1028.27	1028.23
	15	1028.27	1028.26	1028.23	1028.21	1028.22	1028.25	1028.29	1028.32	1028.37	1028.39	1028.37	1028.36	1028.29
	16	1028.36	1028.33	1028.30	1028.31	1028.30	1028.28	1028.28	1028.27	1028.29	1028.29	1028.31	1028.39	1028.31
	17	1028.42	1028.41	1028.42	1028.42	1028.43	1028.49	1028.53	1028.49	1028.46	1028.45	1028.43	1028.40	1028.44
	18	1028.38	1028.37	1028.34	1028.30	1028.26	1028.23	1028.22	1028.22	1028.25	1028.28	1028.32	1028.37	1028.29
	19	1028.37	1028.35	1028.35	1028.36	1028.37	1028.35	1028.28	1028.24	1028.25	1028.22	1028.19	1028.20	1028.29
	20	1028.24	1028.28	1028.32	1028.34	1028.33	1028.30	1028.32	1028.37	1028.38	1028.36	1028.35	1028.38	1028.33
	21	1028.41	1028.38	1028.40	1028.40	1028.34	1028.34	1028.37	1028.41	1028.43	1028.42	1028.44	1028.49	1028.40
	22	1028.54	1028.60	1028.62	1028.63	1028.63	1028.58	1028.49	1028.45	1028.44	1028.43	1028.39	1028.32	1028.51
	23	1028.24	1028.23	1028.27	1028.31	1028.32	1028.30	1028.35	1028.43	1028.48	1028.48	1028.53	1028.53	1028.37



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