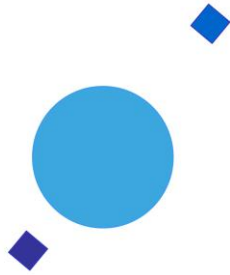


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SVIRCO Prompt Report: December 2020

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 2020

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 2020 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,

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S.V.I.R.CO. Observatory

Rome

Italy



INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2020										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	38663	38947	38829	39021	39063	38347	38795	38346	38682	39246	39380	39269	102.644	
	1	38599	38780	39314	38584	38396	38528	38713	38769	38398	39074	39149	38607	102.280	
	2	38574	39371	39007	38244	38548	38570	38087	38832	39104	38671	39188	39487	102.451	
	3	38236	39882	39045	38781	38830	39320	39075	38693	39013	38818	38921	39591	103.005	
	4	38666	38700	38809	38593	38776	38975	38692	38713	38902	39288	39208	39087	102.611	
	5	38786	39047	38349	38808	39180	38577	39218	38734	38642	39054	38533	39523	102.619	
	6	38974	39065	38851	39064	39297	39210	39132	38967	39187	39182	39229	38334	103.068	
	7	38850	39031	39174	38819	38901	38641	38862	39225	38721	38881	39402	38934	102.837	
	8	38831	39255	39153	38417	38626	38965	38480	38611	39133	39381	38313	39325	102.628	
	9	38580	39088	39549	39004	38692	38508	38685	38945	38801	39089	38743	38482	102.556	
	10	39015	38977	38767	38676	39247	39262	39327	38545	38423	38911	38583	38938	102.667	
	11	38272	39168	38929	38770	39130	39050	38876	39040	38643	39353	38808	38604	102.662	
	12	39318	39040	38173	39337	39567	39137	38728	39097	39019	38653	38396	39380	102.926	
	13	39404	39388	39454	38938	38434	38657	39263	39400	39434	38714	39045	39021	103.213	
	14	38727	38964	39067	38567	39838	39259	38603	38724	38543	39036	38587	38889	102.697	
	15	38902	38373	38463	38758	39403	39361	38793	38352	38939	38522	38793	39436	102.541	
	16	38624	39119	39382	39171	38835	38233	38528	38747	38811	39201	38622	38860	102.549	
	17	39084	38647	38909	38901	38416	38869	38260	38970	38143	38780	38737	39050	102.249	
	18	38674	39232	38987	38683	38572	39438	38016	39031	39102	38541	39071	38633	102.516	
	19	38304	39039	38813	38308	38183	38715	39254	38820	38076	39338	38498	38367	102.018	
	20	38712	38454	38580	38889	38657	38663	39288	37976	38744	38975	38230	38562	102.021	
	21	38904	38371	38390	38525	38338	38515	38620	38662	38764	39048	38756	38812	102.015	
	22	38807	38802	38581	39106	39035	38835	39282	37961	38616	38865	38577	38683	102.333	
	23	37880	38697	38844	38563	38693	38831	38447	38120	38437	38903	39225	38613	101.916	
2	0	38986	39139	38395	38264	38868	38341	38412	38555	38821	38747	38561	39332	102.174	
	1	39057	39185	38877	38483	38976	39420	39230	38742	38529	38843	38765	38840	102.728	
	2	38275	38977	37982	38497	38729	38606	39149	38745	38673	38686	39066	39291	102.229	
	3	38583	38210	38776	38574	38592	38481	38569	39353	39307	39058	38811	38865	102.339	
	4	39061	39115	38531	38951	38834	38872	38857	38814	39179	39051	38643	39104	102.743	
	5	38995	38605	39428	38803	38934	39240	38612	39262	39017	38493	38951	38879	102.788	
	6	38703	38235	38602	39073	37720	39078	39309	38327	38460	39220	38347	38441	101.973	
	7	39416	39140	38923	38837	38753	38551	39088	39035	38509	38937	38306	39187	102.670	
	8	38924	39235	38803	39015	38483	38989	38356	38774	39138	38943	39060	38864	102.649	
	9	38551	38681	39122	38544	38918	38504	38434	39166	38957	38463	38965	38364	102.227	
	10	38385	38284	39124	38800	39005	38613	38626	38633	38585	39050	38027	38219	101.937	
	11	38441	38765	38107	38897	38963	38761	38781	39074	38966	38613	38713	38746	102.263	
	12	38665	38774	38282	38426	38394	38439	39289	39069	38125	38763	38940	39098	102.139	
	13	39164	39224	39443	38129	39073	38462	38488	38626	38765	38792	39030	38674	102.492	
	14	38825	39029	39040	39129	38949	38538	39408	38854	38493	38230	38542	38542	102.428	
	15	38336	38480	39197	38658	38785	38773	38436	38556	38705	38312	38255	38648	101.891	
	16	38768	38550	38752	38917	38405	38770	38385	39021	38457	38902	38829	38808	102.204	
	17	38165	38803	38753	38601	38733	38191	38821	39006	38217	38610	38561	38218	101.789	
	18	38395	38628	39054	38636	38491	38354	38582	38947	38592	38433	38327	38930	101.941	
	19	38648	38044	38391	38667	38672	38211	37852	38334	39390	38424	38917	38467	101.644	
	20	37991	38920	38639	38464	38085	38470	38353	38704	38538	38245	38486	38192	101.439	
	21	38628	37977	38062	38298	38156	38790	38473	38728	38694	38773	38684	38570	101.603	
	22	38671	37965	38047	38591	38402	38508	38661	38895	38710	39321	38261	38654	101.791	
	23	38611	38624	38610	38815	38599	38069	38511	38645	38409	38539	38712	39349	101.968	

INAF/UNIromaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2020											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	39020	38968	38998	38341	39292	38687	38824	38541	38439	39185	38622	38912	102.488
	1	38975	38577	38545	38155	38563	38901	38477	38848	38870	38526	38535	38125	101.881
	2	38397	38806	37939	38367	38676	38070	38357	38664	38488	38399	38519	39093	101.591
	3	38552	38583	38136	38504	38099	38879	39155	38529	38560	38379	38155	38813	101.716
	4	38551	38771	38811	38370	38969	38519	38840	38762	37827	38818	38921	38221	101.943
	5	37882	38238	39084	38200	38245	38708	38786	39315	38144	38684	38712	38306	101.707
	6	38584	38600	38356	38411	38127	39180	38972	38534	38311	38876	38753	39421	102.108
	7	39235	39458	38856	38333	38822	38916	37939	38491	38672	38283	39012	38535	102.202
	8	39044	38709	38393	38784	38764	38036	38483	38649	38500	38907	38614	38940	102.041
	9	38291	38828	38519	38606	38450	38595	38284	38306	38196	38567	38879	38924	101.739
	10	38691	38680	38831	38471	38508	38207	38464	38417	38206	38520	38468	38022	101.526
	11	38459	38599	38213	38780	38811	38327	38283	38286	38621	38969	38531	38120	101.639
	12	38269	38887	38407	38498	37892	38307	38447	38128	38688	38835	38359	37619	101.273
	13	38304	38068	38460	38647	38608	38900	38276	38445	38734	38285	37798	38293	101.380
	14	38817	38084	38374	38421	38310	38496	38515	38531	38748	38025	38136	38572	101.427
	15	38012	38233	37940	37940	38475	38570	38462	38318	38235	38359	38461	38486	101.088
	16	38132	38064	37913	38494	38659	38037	38372	38048	38105	38267	38789	38783	101.126
	17	38583	38267	38077	38601	37747	38609	38805	38296	38203	38390	38377	38684	101.340
	18	38508	38236	37986	38789	38288	38307	38169	38184	38503	38104	38560	38010	101.122
	19	38347	38504	38257	38304	38263	38256	37947	37692	38321	38333	38475	38367	100.994
	20	38135	38074	38273	38503	38219	38115	38513	38063	38251	38177	38089	38478	100.956
	21	38160	38290	38428	38399	38827	38497	38588	38288	38947	38035	38742	38601	101.596
	22	38233	38460	38676	38914	38487	38544	38591	38144	38485	38073	38803	38542	101.629
	23	38522	38180	38088	37905	38304	38252	38237	38422	38445	38912	38611	38381	101.257
4	0	38523	38356	38476	38319	37762	38519	38082	38910	37977	38330	38691	37677	101.112
	1	38000	38144	38049	38002	38721	38261	38208	38587	38199	38506	38043	37885	100.893
	2	38193	38057	38569	38060	38250	38149	38595	38197	38205	38040	38292	38204	100.938
	3	38680	38035	38556	39033	38463	38042	38314	38070	38085	38464	38099	38634	101.304
	4	38420	38382	38149	38469	37967	38548	38899	38497	38451	38683	38637	38655	101.586
	5	37748	38615	38001	38130	38504	38862	37947	38439	38158	38537	38415	37618	100.974
	6	38658	38286	38401	38902	38490	38344	38269	38701	38715	38256	37993	38717	101.581
	7	38543	38413	38396	38462	38393	38720	37979	38122	38368	38503	38472	38523	101.397
	8	38439	38009	38479	38247	38757	38434	38349	38186	38651	38843	38597	38379	101.502
	9	38176	37310	38713	38090	38149	38783	38514	38446	38619	38481	38106	38253	101.121
	10	38727	38043	38579	38189	38383	38663	38294	38553	38186	38791	38860	37981	101.475
	11	38563	38868	38568	38425	38290	38665	38349	38680	38932	38453	38735	38153	101.789
	12	38653	38570	38401	37985	37895	37770	38481	38513	38311	38495	38157	38537	101.149
	13	38458	37932	37961	38637	38691	38148	38927	38343	38702	38382	38521	37703	101.289
	14	38071	38417	38393	38591	38581	38326	38091	38228	38149	38533	38030	38746	101.235
	15	38447	38373	38323	38219	38305	38897	38703	38464	38227	38148	38606	38508	101.468
	16	37956	38356	38394	37922	38164	37806	38318	38024	38158	38227	38132	37946	100.629
	17	38257	38211	38607	38521	38765	38194	38343	38486	38047	38214	38322	38085	101.211
	18	38105	38259	38407	37813	38476	38136	37712	38950	38378	37803	38592	38230	100.950
	19	38386	37927	38105	38227	38351	38537	38239	38106	38061	38046	38792	38066	100.945
	20	38338	38472	38282	38101	38179	38255	38097	38255	38004	37995	38089	38255	100.831
	21	38375	37877	38734	38269	38164	38445	38157	37989	38183	37959	37463	37688	100.607
	22	38477	38640	38571	38649	37699	38329	38321	38073	37954	38542	38537	38476	101.259
	23	37838	38484	38276	37885	37676	38637	37510	37719	38853	37632	38607	37995	100.565

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – December 2020										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	38615	37840	37905	38096	37718	38187	38074	37996	38335	38303	38105	38315	100.646	
	1	38675	37622	38258	38274	38192	38478	38163	38507	38321	38506	38615	38417	101.206	
	2	38180	38264	38668	37879	38619	37631	38170	38570	38083	38267	38245	38644	101.028	
	3	38737	38042	38074	38129	38597	37995	38133	38485	38046	38424	38543	38578	101.152	
	4	37998	38003	38197	38352	38341	38459	37954	37298	37967	38050	38056	38436	100.564	
	5	38415	38419	38457	38401	38239	38008	38229	38374	37917	37879	38023	37668	100.766	
	6	38426	38461	38054	37979	38077	38046	38175	38241	38253	37910	38273	38435	100.832	
	7	38559	38221	38241	38015	38076	37674	38151	38395	37955	37676	38607	38246	100.720	
	8	38514	38088	38317	38068	38080	38689	38582	38299	38775	38183	38643	38283	101.315	
	9	38333	38175	37871	38481	38204	38273	38320	38427	38593	37912	37786	38498	100.952	
	10	38162	38429	38034	38234	38473	38427	37813	38634	38223	38074	38048	38376	100.964	
	11	38365	38296	38305	37810	38415	37948	38795	38241	38225	38127	38002	38313	100.945	
	12	38500	38177	38190	38384	38037	37939	38282	37826	38490	38109	37973	38070	100.755	
	13	37527	38231	38230	38077	38398	38378	37916	38737	38444	38446	38253	38046	100.910	
	14	38403	38307	38032	38434	38535	38213	37796	38527	38000	38084	37612	38359	100.826	
	15	37900	38007	37670	38461	39069	38267	38356	38484	37650	37905	37974	38393	100.790	
	16	38296	38037	37802	38298	38322	37794	38619	38761	38386	37718	37967	37631	100.679	
	17	37843	38407	38315	38076	38105	38015	38746	38279	37976	38221	38346	37742	100.775	
	18	38462	38377	38463	37819	37693	38028	38051	38096	38102	38300	38267	38751	100.850	
	19	38024	38089	38482	38862	38575	38134	38044	37821	37910	38375	38790	37818	100.963	
	20	38278	38087	38104	38588	37926	38352	38419	38267	37738	38080	38610	38459	100.960	
	21	37754	38760	38823	38135	38431	38113	37468	38405	38158	37926	37722	37860	100.663	
	22	38769	38114	37921	38528	38434	38360	37920	38197	38737	37986	38159	38762	101.176	
	23	38548	38199	38594	38102	38268	37996	37843	37850	37788	37990	38015	38825	100.764	
6	0	38224	38351	38039	37697	38199	37777	37782	38370	38431	37905	38149	38339	100.590	
	1	37864	37898	38445	38371	37871	38620	37980	38430	38890	38129	38128	38390	100.984	
	2	38128	38736	38195	38099	38398	38267	37818	38023	38473	38050	37991	38302	100.865	
	3	38177	38311	38066	38850	38793	38088	38132	37929	38656	38961	37978	38367	101.268	
	4	38473	37745	38331	38364	38182	38680	38297	38450	38333	38141	38041	38184	101.028	
	5	38862	38124	38483	38030	38295	38085	38334	38140	38586	37835	38018	38334	101.007	
	6	38293	37999	38185	38462	38602	38269	38288	38494	38412	38581	38539	37995	101.227	
	7	38071	38990	38240	38003	38395	38029	38336	38201	38055	37810	38405	38269	100.937	
	8	38985	38062	37929	38418	38302	38423	38214	38177	37986	38488	38070	38450	101.091	
	9	38102	37951	38322	38211	37832	38362	37854	38370	38182	38438	38242	38565	100.855	
	10	38114	38083	38363	38112	38487	38193	38722	38077	38109	38469	38487	37760	100.975	
	11	38417	38582	38242	38628	38447	38305	38225	38269	38074	38378	38315	37874	101.146	
	12	38549	37968	38329	37869	38271	38463	38283	38195	38243	38101	38225	38504	100.980	
	13	38248	38458	38167	38246	38965	38272	37774	38147	38504	38647	38113	38464	101.201	
	14	38763	37404	37895	37607	38503	37868	38919	38441	37868	38646	38085	38291	100.823	
	15	38109	38299	38190	37870	38353	37678	38753	38312	38394	38269	38126	38318	100.908	
	16	38558	38128	38261	37867	38021	38023	38524	38337	37876	38476	38546	38402	100.984	
	17	38567	37917	38375	38001	38425	38186	38127	38017	38379	38268	38586	38192	100.989	
	18	37992	38309	38402	38081	38051	37998	38216	38315	38271	38414	38099	38251	100.848	
	19	38292	38095	37931	38325	38378	38811	38669	37905	38276	38026	38127	38741	101.107	
	20	38502	38336	37772	38676	38134	38400	38322	38570	38336	37776	38386	38354	101.104	
	21	38075	38310	38461	38150	37858	37782	38364	38346	38307	38609	38810	38514	101.109	
	22	38390	38522	38627	37911	38249	37355	37660	38159	38243	38064	38543	37855	100.667	
	23	38195	38177	38250	38641	38181	38147	38403	38156	37801	38145	37967	38936	100.980	

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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	38165	38501	38312	38644	38063	38114	38340	38521	38628	38434	38556	37816	101.226
	1	38374	37832	38146	38264	38101	38742	37666	38692	38533	38534	38684	38573	101.231
	2	38423	38708	38323	38282	38127	38464	38257	38711	38393	37891	38453	38220	101.256
	3	38384	38398	39030	37740	38724	37673	38115	38421	38486	37980	37816	39099	101.171
	4	38445	37707	38510	37985	38552	38634	38367	38177	38228	38043	38853	38087	101.110
	5	38296	38660	38469	38321	38624	37654	38360	38121	38807	37789	38065	37814	100.976
	6	37819	38074	38181	38559	38590	38081	38280	38529	38852	38607	37932	37850	101.058
	7	38676	38486	38097	37830	38086	37562	38524	38569	38885	38221	38340	38245	101.095
	8	38307	38522	38488	38390	37908	38127	38527	38309	37958	38027	38185	38821	101.105
	9	38482	38044	38079	38283	37989	38324	38883	38415	38536	38612	38138	38310	101.220
	10	38733	38071	39334	38219	38313	37787	38224	38403	37832	38778	38418	37961	101.216
	11	38675	38340	38504	38411	38076	39156	37477	37838	38349	37870	38744	38329	101.149
	12	38195	38233	38437	37849	38717	38785	38222	38652	38672	38864	38145	38282	101.432
	13	38824	38319	38222	38104	38712	38965	38541	38266	37599	38315	38218	37787	101.172
	14	38153	38614	38139	38395	37812	37912	38167	38522	38606	37930	38111	38733	101.000
	15	37936	38320	37703	38259	38380	37998	37951	38152	38689	37987	38056	38785	100.808
	16	38225	38492	38200	38569	38256	39004	38136	38293	38761	38148	37713	37992	101.154
	17	38284	37563	37702	38573	38174	38293	37740	37945	38281	38268	38758	38491	100.776
	18	37880	38623	37936	38240	38382	37858	38670	38272	38478	38120	38106	38609	101.018
	19	37758	38004	38401	38310	38198	37820	37883	37938	38127	38070	38425	38229	100.576
	20	37963	38112	38365	37850	38681	38637	38307	38467	38146	38658	38532	38500	101.248
	21	38187	38602	37721	38453	38024	38124	38070	38408	38101	38149	38196	38646	100.910
	22	38042	38240	38477	38120	37995	38742	38255	38246	38579	38381	38404	37769	101.036
	23	38702	38072	38288	38248	38436	38549	38639	37986	38046	38860	38169	38296	101.264
8	0	38240	38288	38537	37878	38247	38148	38508	38262	38190	38494	38551	38724	101.205
	1	38295	38219	37952	38244	38452	38153	38736	38417	38393	37910	38435	38219	101.074
	2	37896	38650	37984	38647	38248	37907	38095	38177	38471	38982	38128	38089	101.041
	3	38023	38490	38436	38533	38354	38700	38758	38006	38809	38516	37957	38384	101.413
	4	38290	38622	38907	38424	38260	38090	38419	38434	38453	38078	38070	38747	101.375
	5	38527	38046	38343	38181	38419	37952	38271	38272	38327	39000	38604	38387	101.272
	6	37853	38149	38070	38023	38664	38697	38215	38520	38295	38328	38142	38870	101.163
	7	38047	38381	37988	38418	38450	37818	38483	38166	38541	38074	38022	38651	100.989
	8	38869	38236	38087	38007	38720	38500	38500	38283	38382	38477	38376	38127	101.324
	9	38616	38631	38208	38683	38526	37955	38220	38481	38527	38823	38358	38715	101.584
	10	38717	38595	38750	37984	38246	38987	38413	38244	38811	38154	38073	37998	101.413
	11	38751	38577	38523	38400	38423	38622	38708	38662	38043	38014	38783	38177	101.571
	12	38021	38723	38846	38271	37906	38906	38589	39675	38636	38584	38476	38542	101.899
	13	38404	38984	38106	38462	38330	38413	38315	38719	38804	38574	39276	38871	101.916
	14	38264	38361	38074	38355	38238	38313	38586	38465	38405	38038	38287	38425	101.159
	15	38549	38434	38022	38172	38615	38728	39100	38421	38446	37840	38619	38414	101.499
	16	38479	38002	38156	38250	38482	38250	38778	38219	38165	38006	38327	38675	101.154
	17	38711	38761	38520	38747	37600	38514	38559	38569	38248	38084	38574	38464	101.497
	18	38531	38266	38659	38001	38137	38252	37803	38413	38576	38517	38850	39143	101.453
	19	38666	38402	38486	38451	38723	38801	38322	38036	38023	38520	38743	38185	101.499
	20	38637	38227	38382	38430	38261	38040	38764	38408	38112	38878	38798	38609	101.541
	21	38293	39001	38886	38767	38287	38623	38324	38809	38822	38346	38763	38122	101.870
	22	38546	38403	38853	38787	38596	38176	38358	38252	38533	38225	38692	38496	101.622
	23	37950	38745	39052	37826	38228	38686	38670	37793	38428	38849	38434	38073	101.362

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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	38657	38539	38533	39039	38709	38018	38052	38207	38775	38350	38410	38592	101.615	
	1	38149	37727	38389	38920	38625	38683	38326	38149	38341	38474	38197	38697	101.349	
	2	38482	38581	38394	38892	38313	38534	38604	38243	38482	38719	38686	38603	101.757	
	3	38502	38835	38070	38266	38490	38176	38471	38692	38140	38316	38467	38261	101.351	
	4	38807	38687	38520	38695	39101	38760	38636	39079	38484	38733	38451	38152	102.103	
	5	38281	38621	38542	38690	38738	38409	38488	37793	38656	38288	38152	38548	101.466	
	6	38405	38668	38343	38922	37949	38567	38866	38992	38025	38276	39103	38574	101.792	
	7	38430	38932	38674	38554	38359	37906	38497	38959	38882	38491	38538	38418	101.781	
	8	38182	38453	39194	38442	39127	38588	37993	38579	38932	38822	38988	38590	102.055	
	9	38468	38361	38249	38366	38450	38207	38428	38645	38536	38875	38342	38375	101.487	
	10	38541	38672	38523	38545	38737	38738	38524	38765	38809	38445	38753	38474	101.975	
	11	38845	38728	38727	38728	38712	38048	38265	38267	38921	38387	38533	38837	101.860	
	12	38462	38794	38481	38136	38098	38694	38994	38952	38548	38477	38551	38267	101.740	
	13	38670	38790	38880	38493	38637	38566	38991	38782	38365	38626	38756	38342	102.058	
	14	38669	38204	38398	38390	38889	38543	38124	38311	38502	38512	38047	38081	101.348	
	15	38430	38426	38465	38561	38261	38476	38499	38048	38679	38376	38799	38641	101.566	
	16	38614	38802	38726	37945	38490	38259	39088	38569	38281	38337	38628	38598	101.714	
	17	38745	38929	38018	38674	38585	38562	38684	38383	38538	37749	38311	38080	101.478	
	18	38365	38628	38300	38701	38271	38685	38768	38466	38215	38242	38419	38814	101.612	
	19	38150	38502	38585	37985	38425	37960	38537	38245	38606	38765	38700	38058	101.314	
	20	38519	37835	38771	38890	38086	38736	38416	38681	38214	38891	38135	38494	101.567	
	21	38106	38475	38286	38070	38080	38796	38648	38874	38124	38628	38925	38233	101.474	
	22	38856	38396	38241	38950	38501	38260	38036	38827	38340	39053	38266	38749	101.745	
	23	37662	38311	38144	38242	38848	38434	38623	38707	38216	38611	39015	38717	101.536	
10	0	37868	38452	38407	38088	38301	38926	38328	38026	38212	38537	38572	38574	101.264	
	1	38193	38133	38919	38366	38395	38309	38045	38597	38228	38375	38093	38400	101.212	
	2	37833	37698	38522	38918	38725	38106	38115	38456	38620	38155	38283	38396	101.162	
	3	38051	38050	38100	38180	38284	38306	38305	38197	38191	38140	38325	38303	100.855	
	4	38109	38188	38653	38307	38727	38711	38185	39084	38670	38647	38628	38428	101.714	
	5	38548	38717	38499	38942	38883	38851	38659	38671	38255	38308	38807	38212	101.938	
	6	37823	38361	37862	38748	38446	38681	38303	38122	38787	38856	38233	38498	101.358	
	7	39125	38532	38480	39085	38342	38433	38837	38387	38913	38421	38509	38951	102.084	
	8	38717	38659	38732	38759	38817	38740	38631	39520	38549	38665	38966	38334	102.320	
	9	38641	38699	38897	38081	38136	38778	38041	38653	38342	38549	38778	38588	101.681	
	10	38787	38032	38358	38216	38697	38329	38220	38660	37995	38245	38261	38673	101.304	
	11	38202	38944	38784	39088	38304	38215	38592	38232	38463	38094	38616	38148	101.570	
	12	38605	38907	38335	38695	37848	38565	38244	37833	38815	37693	37813	38759	101.225	
	13	38034	38181	38391	38099	38144	38520	38405	38777	38528	37733	38374	38377	101.104	
	14	38512	37508	38508	38166	38666	38383	38451	38191	38444	38477	38484	38166	101.191	
	15	38189	38030	38044	38419	37802	38176	38012	37893	38340	37855	37853	38253	100.511	
	16	38381	38388	37615	38231	38687	37213	38110	37760	38343	37385	38237	38466	100.499	
	17	37934	37861	38335	37670	38020	38346	37773	37880	37785	38105	37861	38869	100.417	
	18	38745	38374	38206	38220	38209	38211	38087	38373	38304	37820	38107	37802	100.861	
	19	37778	38879	38266	38234	38017	37915	37970	38071	38358	37926	37965	37325	100.475	
	20	38585	38326	38192	38270	38224	38105	37471	37894	37972	37676	38339	38013	100.555	
	21	38374	37998	38277	37697	38657	37883	38153	37359	38250	37717	37387	37945	100.254	
	22	38119	37936	38260	37833	38058	37925	37802	38095	38282	38695	37897	38289	100.582	
	23	37272	37866	37528	37982	37675	37780	37751	38109	38387	37779	38482	37568	99.919	

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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	38072	37970	38186	37981	37949	38666	38492	38034	38045	38242	37734	38444	100.721
	1	38149	38171	38729	38098	38492	37698	38203	37838	38254	38526	38161	38346	100.907
	2	38625	37831	37945	38200	37843	37930	38712	38105	38417	38389	38183	38624	100.937
	3	38088	38326	38348	38068	37826	38284	38214	38142	38321	38185	37798	38010	100.674
	4	38161	37818	37841	37575	38862	38261	38203	38016	38719	38533	38436	38042	100.863
	5	38228	38424	38004	38785	38212	38465	38523	38075	38092	38225	38325	38217	101.106
	6	38505	37770	38296	38297	38036	38426	38489	38967	37945	38066	38850	38312	101.191
	7	38776	38408	37894	38510	38386	38538	38483	38613	38309	38553	38220	38546	101.473
	8	38363	39118	38214	38545	38632	38675	38082	38550	38256	38581	38716	38452	101.680
	9	38666	37942	38459	38766	38358	38754	38367	38690	37959	38400	38342	38417	101.446
	10	38694	38212	38518	38003	38679	38045	38468	38347	38458	37764	38294	39214	101.353
	11	38544	38837	38447	38177	38359	38697	38227	38371	38356	38320	38462	37845	101.341
	12	38366	38445	38684	38398	38745	38118	38458	38279	38176	38537	38454	38209	101.391
	13	38783	38344	38488	38434	38468	38873	38626	38377	38348	38555	38106	37927	101.493
	14	38834	38814	38637	38438	37793	37943	38856	38090	38330	38205	38638	37845	101.293
	15	37984	37878	38000	38123	38215	38694	38215	37961	38248	38194	38533	38216	100.817
	16	37638	38022	38534	38623	38222	38239	38461	38396	38642	38677	38529	38028	101.203
	17	38118	38023	38998	37765	37762	37931	38255	38351	38524	38368	38594	37903	100.891
	18	38867	37373	38323	38225	37985	38241	38315	38223	37993	37871	38542	38210	100.797
	19	38424	38121	37868	38040	37850	37976	38876	38004	38262	38172	38168	38399	100.795
	20	37855	38646	38190	38128	38182	38307	38229	39017	38262	38368	38159	38949	101.264
	21	38341	38306	38626	38584	38522	37815	38235	38171	38046	38064	38237	37943	100.956
	22	38690	38603	37874	38560	38721	37863	38060	38479	38295	37701	38677	38563	101.219
	23	38294	38462	38161	38498	38279	37675	38681	38343	38333	38033	38427	38065	101.035
12	0	37989	38138	38087	38319	38213	38275	38189	37905	38392	38098	38661	37991	100.814
	1	38657	38528	38947	38747	38298	38244	38291	38435	38028	38447	37965	38258	101.386
	2	38316	38674	38883	38494	37995	38510	38204	37585	38467	37682	37906	38511	101.029
	3	38331	38602	38231	38981	38819	38511	38143	38164	38487	38987	38548	38444	101.695
	4	37996	38549	38132	37838	38002	38591	38075	38420	38765	38147	38654	38504	101.128
	5	38771	38044	38549	38016	38248	38212	38247	38455	37976	39050	38401	38475	101.298
	6	38525	38449	38444	38818	37946	38705	38703	38095	38375	37989	38309	38418	101.371
	7	38257	38182	38533	37937	38382	38538	38487	38201	39240	38267	38045	38333	101.288
	8	38220	38397	38715	38616	38391	38573	38348	38092	38276	38342	38127	38563	101.345
	9	37974	38156	38697	38280	38745	38266	38505	37769	37769	38690	38019	37609	100.865
	10	37978	38297	38293	38612	38342	38341	37809	38181	38010	38158	38356	38435	100.939
	11	38553	38325	37929	38332	38851	38291	38429	38224	38818	38265	38364	38752	101.450
	12	37986	38057	38510	38425	38240	38946	37685	38368	38160	38407	38418	38615	101.160
	13	38695	37917	38644	37873	38062	37675	38177	38098	38123	38530	38544	38165	100.870
	14	37811	38058	38693	38425	38394	37593	38227	38071	38413	38078	38068	38153	100.757
	15	38397	38546	38189	37784	38519	38528	38212	38799	38204	38067	38124	38089	101.081
	16	37925	38202	38617	38467	38014	38249	38294	38483	38712	38083	38695	37949	101.132
	17	38394	38059	38296	38109	38231	38349	37935	38360	37851	38386	38421	38176	100.885
	18	38418	37896	38526	38457	37854	37969	38055	38056	38046	38132	38060	38571	100.769
	19	37986	38156	37702	38389	38060	38440	38241	38596	38372	37842	37789	38013	100.669
	20	37838	38907	37648	38073	38834	37702	38455	38221	38276	37960	38706	37882	100.871
	21	38212	38020	38792	37990	38333	38288	38141	37899	38361	38501	38231	38462	101.031
	22	38159	38161	38193	38535	38327	38741	38523	38500	38488	38372	38827	38003	101.382
	23	38105	37938	38355	38553	38027	38368	38521	37978	38752	38130	38366	39107	101.243

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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	38412	38342	38648	38195	39078	38065	37929	38248	38318	38132	38346	38375	101.222	
	1	38662	38438	38894	38473	38230	38317	38274	38060	38113	38556	38084	38246	101.277	
	2	38780	38407	38233	38221	38150	38988	38460	38339	38261	38674	38609	38512	101.559	
	3	38625	38473	38206	38221	38318	37997	38470	38472	38219	38172	38117	38661	101.190	
	4	38620	38400	38361	38240	37993	38428	39021	38433	38366	38516	38032	38720	101.449	
	5	37931	38419	38105	38431	38151	38121	38808	38610	38571	37819	38156	37928	100.991	
	6	38183	38636	39034	38019	38123	38027	38231	38676	38711	38595	37697	38663	101.331	
	7	37553	38901	38069	38526	38135	38789	38487	38677	39094	38334	38089	38075	101.360	
	8	38140	38378	38870	38158	37878	38734	38235	38295	38260	37680	38672	38480	101.152	
	9	38336	37477	37804	38348	37854	38687	38219	38259	38009	38519	38359	38642	100.872	
	10	38290	38746	38321	38660	38079	38297	38670	38285	38514	38455	37917	38314	101.321	
	11	38311	38188	37869	38798	37995	37826	38592	38438	38375	38300	38444	37744	100.954	
	12	38069	38536	38493	38370	38388	38358	38119	38053	38465	38308	38716	38331	101.245	
	13	38094	38688	37840	38418	38308	38248	37995	38572	38070	38271	38033	37746	100.822	
	14	38217	38432	38361	38279	39014	37739	38429	38195	38143	38470	38303	38643	101.249	
	15	38421	38000	38294	38550	38012	38524	37962	38524	38095	37909	38432	38579	101.047	
	16	38277	38449	37551	38163	38322	37767	37419	38414	38153	38044	38351	38184	100.561	
	17	38610	37686	37936	38207	37903	38498	38511	38381	37702	37650	38314	38599	100.759	
	18	38607	38388	38403	38353	38598	37968	37980	38163	38601	38952	38265	38444	101.359	
	19	38021	38347	38146	38792	38257	37935	38166	38555	38078	38834	37718	38789	101.120	
	20	38629	38365	38567	38169	38237	38448	38252	38253	38191	38603	38259	37897	101.172	
	21	38459	37980	37956	39204	38271	38272	38506	38516	37572	37858	38522	38361	101.085	
	22	38920	38266	38227	38650	37901	38548	38551	38368	38190	38563	37823	38277	101.262	
	23	38345	37778	38303	37804	38359	38254	38582	37960	38051	38282	38475	37763	100.750	
14	0	38295	38231	38393	38714	38712	38201	38218	38776	37878	38802	38077	37789	101.223	
	1	37922	38357	38655	37922	38243	38333	38644	38404	38198	38564	37946	38315	101.090	
	2	38890	37964	38049	38267	38549	38578	38505	38485	38205	37556	38455	37880	101.064	
	3	38034	38080	38438	38513	37754	38718	38326	38537	37869	38779	38062	37805	100.961	
	4	37682	38130	37806	38514	38134	38607	38269	38906	38214	38306	37915	38658	101.010	
	5	38042	38593	38165	38065	38287	38187	38039	38292	38835	38134	38144	38906	101.131	
	6	38612	38658	38228	38273	38154	38807	37907	37873	38045	38033	37549	37953	100.781	
	7	37808	38478	38851	38341	38476	38262	38544	38384	38308	38302	38158	38242	101.233	
	8	38604	38679	38201	38151	38190	38576	38390	38575	38159	38178	38381	38306	101.286	
	9	38279	38132	37764	38102	38175	38073	38188	38261	38755	38659	38331	38192	100.961	
	10	38066	38271	39084	38083	38213	38047	38773	38462	38432	38342	38262	39073	101.444	
	11	38621	38102	38096	37994	38796	38985	37949	38298	38441	38059	38320	38216	101.173	
	12	37712	38133	38381	38463	38630	37889	37789	37967	38409	37985	38207	38069	100.679	
	13	38315	38115	38296	37699	38247	38000	38421	38082	39510	38227	37859	37860	100.899	
	14	38129	38321	38217	38227	37366	38514	38294	37878	37814	38188	37507	38323	100.492	
	15	37745	37793	38804	37945	38131	37552	38130	37989	37847	37733	38446	38098	100.367	
	16	38906	38469	38532	37584	38357	38363	38619	38538	38180	38214	38048	37967	101.152	
	17	38490	38240	38672	38124	37821	38189	38398	37986	37939	38640	38002	37488	100.758	
	18	38284	38459	38517	38788	38208	38043	38513	38278	38403	38315	38476	38408	101.353	
	19	38229	38101	38449	37855	38209	38616	38350	38336	38330	38446	38716	38053	101.132	
	20	38468	38409	38515	38086	38357	38379	37681	38697	38010	38094	38475	38081	101.036	
	21	38256	38119	38123	38365	37989	38516	38656	38704	38780	38305	38496	38193	101.310	
	22	38256	38244	38280	37913	38360	38228	38757	38646	38424	38521	38907	38419	101.410	
	23	38417	37831	38806	38971	38361	38541	38554	38618	38495	38472	38113	38390	101.545	

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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	38380	38068	38836	38363	38253	38342	38276	38596	37783	37644	38798	38570	101.184
	1	38045	38313	38846	37875	37949	38704	38092	37910	38479	38203	37956	38307	100.909
	2	37807	37672	38157	38639	38803	38632	38367	37853	37846	38278	38308	38717	100.997
	3	37825	37848	38064	38516	38194	38427	38543	38446	38815	37854	38365	38618	101.093
	4	38335	38040	38338	38042	37885	38010	38407	38788	37507	38332	38825	38813	101.051
	5	38362	38539	37870	38642	38465	37548	37776	38834	38437	38385	38341	38081	101.041
	6	38229	38762	37932	38037	37736	37984	38468	37929	38220	38407	38559	38442	100.915
	7	39148	38647	38441	38022	38925	38605	38076	38245	37925	38947	38813	38729	101.755
	8	38307	38084	38768	38164	38210	38071	38419	37698	38349	38501	38394	38638	101.113
	9	38670	37967	37791	38635	38388	38195	38239	38609	38360	38086	38382	37770	101.000
	10	38331	38557	38494	38335	38006	38212	38222	38989	38016	37545	38041	38105	100.947
	11	38491	37975	38173	38183	38195	38099	38095	37785	37851	38504	38065	38280	100.694
	12	38244	38104	38139	38077	38033	38947	38322	37974	38600	38031	38014	38298	100.932
	13	38151	38157	38326	38071	38205	38307	38018	38476	37984	38557	38574	38088	100.961
	14	38374	38392	38652	38274	38247	38208	38372	38849	38093	38263	38121	38438	101.262
	15	38280	37991	38088	37743	37768	38034	38393	38243	38673	38426	38345	38202	100.801
	16	38543	37971	37817	38327	38032	38304	37714	37962	38308	38238	37910	38115	100.593
	17	38417	37527	38696	38291	37979	38279	38194	38149	37813	37998	38651	38330	100.831
	18	38423	37971	38128	38261	38036	37896	37680	38263	38429	38459	38442	38221	100.806
	19	38622	38214	38308	38045	38918	38063	38576	38437	37931	38139	38494	37866	101.115
	20	38668	38053	38373	38545	38651	38392	38508	38621	37992	38289	38282	38055	101.295
	21	38391	38022	38057	38069	38304	38400	38287	38436	38357	38212	38724	38174	101.075
	22	38669	38090	38558	38535	38084	38886	38101	37859	39051	38482	38891	38031	101.472
	23	39019	38307	38689	38130	38381	38251	37718	38699	38425	38099	38254	38427	101.288
16	0	38456	38151	38194	38504	37702	38555	38658	38040	38365	38275	39040	38327	101.259
	1	38556	38602	38342	38997	38380	37801	39278	37790	38330	38948	38590	38291	101.619
	2	38192	38553	38166	38511	38861	38516	38334	38424	38983	38300	37383	38849	101.436
	3	38524	38833	38549	38869	37818	38765	38215	38492	37796	38389	38502	38462	101.467
	4	38758	38638	38485	38474	38203	37983	38476	38582	38757	38917	38191	38336	101.596
	5	38399	38624	38750	38176	38616	37990	38446	38129	38037	38166	38493	38582	101.290
	6	38602	38423	38482	38891	38924	38225	38670	38320	37917	37953	38327	38272	101.421
	7	37996	38375	38049	37991	38320	38163	38101	38028	38292	38149	38487	38470	100.852
	8	38185	38198	38072	38247	38798	37871	38616	37636	37999	37973	37803	38241	100.681
	9	37874	38063	38562	38462	38420	38523	38162	38562	38527	38571	38180	38447	101.278
	10	37876	38054	37945	38576	38181	38068	38728	38257	38622	37965	38249	38502	100.985
	11	38209	38307	38338	38182	38555	38405	37897	37966	38233	38107	38066	37539	100.716
	12	38176	38301	37996	37423	37778	38035	37975	38047	38356	38282	38069	38851	100.604
	13	38192	38010	38269	37847	38500	37994	37932	38251	38042	37506	38678	37962	100.580
	14	38079	38237	38163	37948	38315	37728	38533	38470	38252	37705	38036	38695	100.795
	15	37862	37982	38259	38445	38133	38243	37809	38111	37943	38316	37955	37874	100.525
	16	38058	38614	38573	38661	37822	37779	38482	37950	38356	37923	38302	37819	100.835
	17	38737	38510	38076	38136	38122	38194	38505	38341	38650	38396	38283	38153	101.223
	18	37928	38022	37791	37992	38573	37815	38036	38306	38716	38156	38121	37969	100.634
	19	38673	38017	38835	38826	38430	38196	38103	38353	38836	38096	37990	38235	101.330
	20	38113	38105	37893	38080	38161	38771	39358	38303	38447	37856	38461	37854	101.068
	21	38552	37585	37883	38090	37813	38179	38974	38237	38137	38153	37833	38912	100.836
	22	38337	38207	38195	38237	38038	38613	38005	38111	38829	37938	38233	38357	101.002
	23	37984	38663	38397	37802	38323	37817	38305	38391	38471	37893	38486	38449	100.976

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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	38984	38443	38186	38647	38612	38364	38714	37893	38460	38344	38754	38280	101.570	
	1	37942	38153	38653	38758	38135	38436	38920	37977	38597	37940	37911	38197	101.116	
	2	38778	38355	38776	38084	38362	38885	37986	38499	37940	38489	38189	38288	101.338	
	3	38184	38083	38892	38545	38242	38334	37978	38741	38278	38570	38529	39209	101.549	
	4	38791	37941	38646	38275	38270	38281	38740	37751	38251	38523	38048	38014	101.097	
	5	38170	37928	38014	38747	38145	38258	38393	37984	38144	38688	38163	37785	100.852	
	6	37995	38529	38177	37647	38790	38274	38362	37466	38085	37981	37778	38771	100.728	
	7	37954	38468	38389	38657	38011	38401	38480	38378	37212	38612	38223	38971	101.146	
	8	37768	38263	37796	38066	38032	38092	38506	38473	38190	38522	38117	37709	100.657	
	9	38075	38524	38487	38715	38205	38066	38018	38557	38252	38374	38468	38538	101.261	
	10	38321	37439	38777	38719	38421	38429	38153	38774	37865	38332	38139	38269	101.120	
	11	38586	38388	38246	37810	37945	38000	38308	38193	38054	38290	38181	38122	100.787	
	12	37709	38460	38375	37655	38485	38634	38610	37616	38366	38280	38491	38164	100.946	
	13	37828	38048	37979	38239	38308	38089	38027	38667	37590	37954	38066	37832	100.458	
	14	38349	38188	38297	38431	38250	38080	37361	38237	38417	38186	38228	38040	100.774	
	15	37826	38304	37420	37905	37536	38124	38132	38437	38596	38167	38401	38099	100.528	
	16	38202	38507	38030	38313	38064	37928	38105	37947	38032	37978	38378	38108	100.670	
	17	37958	38264	37827	38567	38316	38187	37944	37490	38264	38745	38303	37500	100.620	
	18	37873	38288	38728	38374	37871	37740	38224	38001	38203	38849	37894	38460	100.871	
	19	38464	38465	38456	38357	38618	37650	38350	38354	38314	38458	38022	38738	101.254	
	20	38095	38402	38119	38120	38324	37532	37422	38297	38614	38167	37813	37492	100.408	
	21	38690	37777	37342	38244	38301	38452	38359	38622	38239	38124	38432	38368	100.969	
	22	37965	37949	38728	37981	38338	38044	38389	38447	37926	38273	38170	38389	100.892	
	23	38531	38151	38220	38536	38386	38353	38208	37961	37526	38028	37454	38180	100.657	
18	0	38343	38129	38002	38575	38286	38437	38447	37997	38037	38315	38081	38077	100.923	
	1	38167	37785	38066	38316	38393	38160	37645	38045	38083	38337	38264	37778	100.549	
	2	38220	38656	38315	38416	37873	38095	38445	38896	38369	38304	38246	38071	101.179	
	3	37761	38463	38237	38071	38122	38360	37944	38457	37756	37949	38372	38243	100.702	
	4	38606	38138	37814	38443	38419	38133	38907	38030	38078	37706	38172	37507	100.750	
	5	38094	37944	37997	38117	38676	38086	37467	38754	37952	38372	38576	38491	100.875	
	6	38101	38343	37934	38223	38359	38495	38251	38518	38220	38004	38434	37901	100.933	
	7	38812	38794	37444	38571	38340	38098	38370	38302	38219	38566	37691	37874	100.998	
	8	38191	37993	37783	38564	38588	38102	37834	38066	38314	38291	37987	38004	100.697	
	9	38161	38352	38655	38309	37908	38514	38109	37824	38048	38375	38556	38466	101.041	
	10	37969	37692	38396	38880	38287	37893	38595	38777	38255	37883	38365	38235	101.030	
	11	37849	38671	37787	38247	38175	38490	38549	38027	38757	38576	38293	38343	101.148	
	12	38224	38260	38330	38037	38129	38061	38595	37751	37984	38243	38168	37859	100.681	
	13	38312	38300	38802	38037	37795	38143	38060	38228	38790	38240	38024	37313	100.770	
	14	38650	37946	38118	38036	38312	38189	37926	37882	38323	37916	38242	37525	100.555	
	15	37914	38073	38284	38145	38397	38252	38067	38046	38568	38074	38324	37972	100.786	
	16	37879	38760	38506	38006	38354	38629	38164	38142	37554	38060	37905	37055	100.543	
	17	38575	38022	38455	38011	38076	38472	38285	38252	38917	38502	37412	38101	100.997	
	18	37615	38432	38398	38631	38053	38357	38365	38301	38459	37908	38037	37916	100.864	
	19	38480	38797	38334	37938	38395	37913	38140	37779	38142	38481	38427	38357	101.020	
	20	37733	38262	37986	38125	37823	37950	37444	38339	38013	37620	37403	38947	100.242	
	21	37857	37887	38389	38152	37800	38125	38257	38216	37831	37624	38544	38386	100.555	
	22	37795	38169	37979	37955	38157	37648	38503	38651	37499	37356	37605	37979	100.165	
	23	38100	38146	38071	37941	38064	38070	38489	38245	37985	38005	38113	37959	100.581	

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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	38311	38103	37917	38194	37792	38399	38625	38009	37843	37627	38012	38738	100.662
	1	38390	38526	38347	38322	37971	37546	37730	38483	37933	38056	37834	37472	100.454
	2	38484	38453	38210	37519	38315	38212	38189	38014	38413	38282	37865	38225	100.800
	3	37910	37993	38797	38643	37955	37547	38370	37976	38087	38269	38472	37563	100.668
	4	38211	38065	38097	38053	38339	38064	38559	37696	38217	37728	38425	38725	100.799
	5	38299	38594	38446	37993	37981	38155	38155	38482	37897	37705	38082	38600	100.845
	6	38499	37847	38550	38056	38181	38023	38155	38036	37976	38378	37735	38270	100.695
	7	38414	37504	38469	38440	37974	37712	38461	38037	38428	37363	38141	38467	100.630
	8	38450	38367	38450	38032	38437	37684	38007	37723	38552	38254	38158	38341	100.860
	9	38167	38009	38172	38277	38314	38044	37823	38415	38241	38266	38078	38332	100.790
	10	37339	37558	37630	38145	38452	38499	37726	39078	38039	38196	38420	38494	100.668
	11	38703	38286	38556	38366	38600	38541	38084	37671	38937	38949	37879	38020	101.330
	12	37821	38150	38127	38602	38581	38704	38106	38091	37877	38124	38732	37843	100.927
	13	38403	38467	38508	38088	38363	39005	37971	38730	38722	38413	38489	38449	101.554
	14	38418	38439	38276	38364	38499	38229	38184	38656	38442	37911	38119	38475	101.203
	15	38107	38085	38285	38073	37838	37775	38108	38258	38423	38398	38101	38021	100.644
	16	38516	38573	38303	38226	38359	38194	38594	38217	38343	37951	38242	38211	101.140
	17	37838	38140	38440	37985	38377	38638	37890	37673	38605	38040	38063	38489	100.799
	18	37831	37913	38209	37843	38380	38213	37747	38209	38138	38304	37985	37891	100.466
	19	38504	38338	37842	38825	38386	38067	38222	38201	37828	37886	38325	38295	100.918
	20	38220	37950	38043	38164	38486	38295	38568	38215	38040	38413	37738	37880	100.762
	21	37894	37931	38155	38030	37551	38102	37631	37594	37978	38194	37879	37752	100.033
	22	37819	38274	37613	38002	38433	37856	38688	38587	37914	37747	38209	38255	100.627
	23	38390	38396	37846	37762	37997	37718	38213	38443	37962	38238	38649	38156	100.710
20	0	38376	38421	38510	37868	38222	38415	38161	37647	38432	37750	38165	37717	100.688
	1	38111	38608	37946	38136	38473	38346	38142	37889	38537	38167	37424	37992	100.709
	2	38216	37975	38003	37959	38569	37650	38087	37792	38079	37509	38091	37945	100.292
	3	37781	38093	38403	38309	38627	38876	38191	38578	38481	38005	38359	37916	101.117
	4	38503	38231	38188	38479	38849	38099	37926	38149	38636	38026	37974	38881	101.187
	5	38466	38562	38233	38509	38409	37904	37935	38595	38792	38470	38171	38231	101.260
	6	38522	38141	38185	38399	38745	38313	38373	38565	38890	38780	38738	38225	101.612
	7	38708	38659	38266	38353	38814	38067	38440	37641	37920	38772	38256	38542	101.297
	8	38844	38240	38504	38708	38469	38575	38570	38782	37661	38682	38762	38469	101.698
	9	38784	38756	38045	38450	38216	38775	38194	39034	38334	38908	38259	38534	101.704
	10	38207	39081	38564	38750	38962	38756	38666	38672	38402	38401	38648	38301	101.950
	11	38293	38007	38410	38107	38955	38376	38518	38695	37995	38402	39095	38788	101.562
	12	38330	38270	38148	38525	38848	38193	38137	38093	37996	38376	38135	38387	101.077
	13	38957	38226	38216	38246	38928	38297	38341	37759	38610	38560	38359	38410	101.400
	14	38262	38272	38016	38299	38127	38696	38537	38546	37881	38304	38433	38767	101.231
	15	37752	38542	38602	38136	37907	38213	37755	37738	38877	38796	38085	38672	100.996
	16	38224	38228	38250	38109	38688	38156	38495	38576	38378	38261	37695	38884	101.188
	17	38203	38352	38633	38109	38125	37933	38252	38192	38660	38257	37845	37992	100.882
	18	38232	38193	37984	38129	37834	37931	37783	37569	37606	37622	37863	37411	99.915
	19	38301	37972	38432	37876	37827	37699	38107	37961	37823	38231	38262	37258	100.265
	20	38086	37845	37801	37486	38211	37878	38049	38233	38429	37724	38372	38158	100.380
	21	38660	38494	38007	38548	38396	37720	38824	38097	37867	37977	38095	38394	100.997
	22	37860	38884	37956	38455	38074	38294	37677	38471	37714	38078	37968	38642	100.776
	23	37632	38641	37858	38180	37750	38743	38913	38246	38152	38196	38994	38285	101.110

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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	38374	38583	38465	37961	37910	37318	37740	38376	38462	37900	38318	37655	100.557	
	1	38394	38273	37920	38126	38718	38335	38331	38043	37973	38305	38239	37935	100.890	
	2	38130	39039	38716	38159	38151	38715	38412	38077	38518	38100	38778	37977	101.370	
	3	38345	38183	38399	37996	38268	38381	38270	38633	38215	38383	37849	38302	101.029	
	4	38249	38232	37960	37943	38380	38455	38161	38787	38407	38158	38600	38354	101.131	
	5	38432	38710	37959	38489	38720	38102	38778	38655	38646	38226	38489	38311	101.534	
	6	38600	38552	38423	38270	38233	37840	38578	38223	38216	38253	38984	38498	101.348	
	7	38799	38389	37974	38407	37632	38433	37866	39142	38450	38588	38415	38845	101.407	
	8	38249	38046	38299	38146	38875	39223	38682	38382	38280	37856	38321	38436	101.375	
	9	38250	38349	38549	38509	38289	38654	38522	38063	37836	38201	38382	38309	101.181	
	10	38130	38313	38408	38151	37785	38205	38541	38579	38916	38301	38361	38857	101.321	
	11	38312	38091	37962	38553	38273	38167	38105	38055	38221	38052	37850	38612	100.816	
	12	38477	38979	38087	38205	38928	38088	38686	37988	38000	38094	38623	37830	101.197	
	13	38624	38890	38722	38038	38206	37860	38775	38608	38713	38503	38499	38005	101.517	
	14	38151	38253	38333	38055	38406	38900	38058	37868	38616	38530	38780	38819	101.369	
	15	38413	38759	38257	37782	37953	38741	38518	38446	38495	37816	37905	37745	100.942	
	16	37455	38228	38265	38025	38128	38095	38181	38532	38264	38643	38452	37805	100.775	
	17	38249	38705	38426	38376	38335	37967	38310	38293	37860	38328	38110	38004	100.972	
	18	37887	38249	38232	38401	38053	38646	38259	38290	38476	38137	37954	38130	100.917	
	19	37933	38175	38069	38133	37985	38518	38200	38116	37827	37883	38245	38431	100.653	
	20	39018	38004	38549	38331	38113	38378	38103	38016	38493	38545	38575	38132	101.256	
	21	38270	38577	38922	38311	37909	38465	38482	38702	38576	37481	38281	38212	101.241	
	22	38024	37948	38055	38170	39119	38419	38877	38418	38212	38105	38071	38503	101.183	
	23	37985	37828	37866	37779	38210	37953	38051	37667	38652	37999	38204	38572	100.488	
22	0	38764	38699	37834	38017	37737	38456	38311	38535	38330	38701	38699	37804	101.181	
	1	38067	38767	38807	38352	38348	38478	37776	38127	38616	38144	38653	38292	101.294	
	2	37977	38644	37944	38530	38988	38793	37959	38289	38012	38202	38265	38227	101.163	
	3	38276	38612	38324	38335	38277	38702	38865	38261	38498	37998	38424	38206	101.371	
	4	38864	38182	38030	39169	38313	38497	37858	38646	38141	38294	38722	39131	101.606	
	5	38312	38541	37915	37808	38556	38241	38275	37627	38050	38714	38635	38727	101.068	
	6	38138	38306	38433	38178	38472	37971	38211	38121	38415	38250	38249	38869	101.115	
	7	38434	39057	38199	37974	37853	38522	38244	38332	38391	38551	37858	38379	101.155	
	8	37756	38719	38359	38094	38207	38762	38253	38529	38516	38320	38505	38716	101.361	
	9	38320	39078	38324	38378	38380	38140	38828	38275	38374	38776	38471	38492	101.604	
	10	38289	38512	38267	38906	38046	38337	38526	38631	38653	38516	38000	38251	101.406	
	11	38352	38277	37989	37877	38239	38702	38186	38091	38461	37988	38159	38144	100.863	
	12	38629	38088	38226	38058	37945	38787	38364	37857	38027	38311	38644	38413	101.057	
	13	38006	37927	38280	38503	37922	38257	38223	38134	38307	38259	38671	37567	100.772	
	14	38188	38039	38189	37786	37649	38842	39192	38997	38173	37878	37944	38078	100.970	
	15	37963	38222	38358	38265	38283	38249	38643	38857	38165	37754	38165	38166	101.000	
	16	37851	38505	38111	38274	38657	38691	38047	38452	38365	38118	38392	37659	101.006	
	17	38398	37684	38560	38582	38382	38044	38384	37491	38233	38757	38894	38281	101.132	
	18	38418	37776	37848	37589	37619	37820	37967	37576	37885	38112	38497	37889	100.099	
	19	38437	38119	38577	38636	37737	38544	38395	37965	37488	38566	37674	38119	100.817	
	20	37889	38165	38739	38417	38152	38209	38239	38551	38513	38516	38455	38017	101.169	
	21	38228	38212	38248	38311	38128	37718	37523	38026	38059	38050	37722	38467	100.472	
	22	37773	38429	38077	37987	37861	38233	38239	38457	37734	38286	38158	38307	100.659	
	23	38724	38534	38248	38201	38047	38111	38148	38093	37529	37632	38280	38172	100.698	

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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	38567	38533	38243	37707	38082	37722	38046	38690	38255	38136	38514	38051	100.881
	1	38224	38506	38011	38344	38250	38349	38156	37823	37748	38996	38288	38057	100.925
	2	38308	37932	38000	38598	37779	37976	38652	37132	38414	38106	38248	37873	100.544
	3	38036	37298	37864	38163	38868	38242	38148	38137	37896	38112	37819	38017	100.452
	4	38054	37790	38319	38285	38262	38521	38333	39150	38623	38112	38561	38941	101.409
	5	38715	38237	38186	38376	38894	37935	38769	38281	38965	37759	38932	37868	101.402
	6	37973	38387	38393	38707	37980	38517	37747	38556	38543	38387	38361	38247	101.156
	7	38014	38332	38544	38118	38812	38212	38004	38146	38141	38406	38832	38798	101.279
	8	38402	38373	38048	38714	37563	38152	38706	38375	38494	37780	38448	37827	100.955
	9	38332	38404	38576	38606	38364	38805	38640	38362	38174	38283	39428	38049	101.645
	10	38174	38854	38119	38661	38427	38767	38661	39012	37797	38625	38430	38530	101.652
	11	38587	38761	38244	38820	38569	38531	38637	38099	38746	38194	39404	38746	101.934
	12	38762	38339	38660	38134	38445	37939	38431	37963	38730	37932	38436	38191	101.192
	13	38253	38342	38333	38640	38982	37830	37954	38307	38338	38466	38280	38631	101.278
	14	38383	37960	38018	38338	37708	37595	38054	38819	38224	38101	38487	38594	100.822
	15	37816	37799	38308	38238	38055	38572	38046	38285	38505	37967	38811	38929	101.053
	16	37900	38160	38434	38204	38014	38089	38613	38482	38111	38589	37803	38259	100.905
	17	37940	38170	38401	38005	38265	38507	38050	38073	38423	38606	37864	38594	100.958
	18	37620	38383	37903	38053	38543	38338	38447	37517	38403	38188	38681	37853	100.744
	19	38397	38353	38674	38619	38212	38053	38628	38107	38250	37703	38519	37990	101.091
	20	38642	38142	38517	38234	37452	38040	38017	38302	38545	38299	38182	38495	100.951
	21	38134	38336	38083	37793	38029	38364	37609	38531	38404	38107	37945	38585	100.742
	22	37866	38188	37981	38193	38003	38236	38398	38541	37667	38053	39190	38130	100.858
	23	38268	38429	38423	37525	37645	37799	38716	38534	38021	38051	38023	38653	100.779
24	0	38515	38568	38293	38386	38456	38355	37946	38930	38241	37990	37988	37928	101.106
	1	37716	38198	38138	38430	38107	38438	38363	37878	38025	38646	37991	38060	100.758
	2	38516	38752	38902	38480	38620	38067	37715	38207	38152	38402	38618	38309	101.362
	3	38670	38186	38135	37879	37753	38593	38006	37822	38184	38618	38203	38360	100.850
	4	37912	38193	38486	38302	38195	37860	38009	38694	38049	38087	38315	38493	100.891
	5	38290	38459	38211	38311	38669	38699	38409	38113	38351	38585	38975	38547	101.557
	6	38053	38500	38210	37916	38081	38708	38465	38084	38415	38438	38323	38177	101.062
	7	38314	38030	39207	38689	38218	38568	38526	38325	38304	38950	38361	38189	101.570
	8	38656	38296	38739	38172	38705	38635	38306	38792	38156	38432	38177	37883	101.409
	9	37876	38570	38362	38113	38948	38673	38005	38625	38632	38484	38387	38429	101.443
	10	38524	38442	38507	38693	38933	38375	38251	38500	38779	38172	38551	37886	101.555
	11	38822	38356	37946	38088	37943	38549	38308	38564	38290	38267	37664	38680	101.085
	12	38395	38929	38193	38485	38284	38288	38228	38834	39229	38246	38650	38203	101.633
	13	38025	38070	38086	38547	38534	38257	38519	38306	38298	38440	38106	38292	101.086
	14	38903	38612	38350	38483	38659	38676	38625	38200	37956	38606	38196	38654	101.622
	15	38670	38300	38613	38318	38698	38314	37829	38525	38219	38484	38316	38519	101.377
	16	37568	38720	38312	38199	38695	38052	38288	38549	38187	38082	38675	38284	101.114
	17	38493	37982	38050	37672	37845	38267	37994	38601	38720	38494	37901	38087	100.784
	18	38900	38294	38335	38263	38256	37940	38294	38362	37846	38001	38181	38569	101.033
	19	38303	38496	38150	38316	38197	38194	38562	38297	38415	38376	37945	37644	100.956
	20	38305	38134	38114	37818	38363	38330	38534	38420	38313	38672	37965	38014	100.976
	21	38160	38425	38028	38671	37969	38474	38636	37921	38265	37585	38286	37871	100.824
	22	38559	38053	38401	38273	38530	38451	38394	38556	38145	38137	38231	38238	101.192
	23	38518	37790	38387	37628	37849	38400	38304	38183	38375	38528	38322	38918	101.025

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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	38035	38442	38561	38568	38135	37930	38323	37801	38553	38262	38496	38381	101.087	
	1	38230	38856	38289	38232	37858	38534	37990	38100	38369	38124	38788	38147	101.094	
	2	38522	38382	38525	38354	38237	38202	38679	38091	38404	38609	38256	38343	101.333	
	3	38459	38160	38728	38411	38606	38168	38131	38898	38502	39070	38822	39134	101.880	
	4	38539	38339	38321	38604	38746	38191	38591	38077	38812	38115	39009	38816	101.676	
	5	38242	38969	39131	37988	38558	38398	38500	38828	38653	39149	38720	39212	102.157	
	6	38069	38683	38689	38632	38330	38145	38512	38346	38487	38731	38583	39061	101.699	
	7	38169	38781	38146	38095	38446	38138	38415	38619	38869	38604	38735	38449	101.522	
	8	38479	38737	38814	39031	38842	38793	39094	38701	38222	38827	38713	38337	102.209	
	9	38315	38949	38726	38837	38543	39128	38600	38305	38595	38814	38599	38490	102.058	
	10	38800	38314	38750	38554	38839	38745	38586	38449	38958	39352	39165	38503	102.303	
	11	38528	39005	38005	39036	38193	38908	38944	38498	38370	38679	38257	38527	101.849	
	12	38876	38254	38346	38833	38666	38972	38608	38869	38360	39022	38264	38437	101.971	
	13	38392	38015	38575	38426	38349	38090	38403	38529	38656	39193	38715	39459	101.817	
	14	38581	38262	38365	38642	38431	38506	38623	38530	38459	38236	38404	38396	101.516	
	15	38946	38422	38374	38754	38870	38621	38521	38631	38010	38335	38687	38396	101.765	
	16	38274	38642	38332	38274	38684	38614	38637	38374	38317	38101	38290	38351	101.396	
	17	38522	38757	38659	38719	39249	37884	38326	38188	38029	38339	38431	38831	101.626	
	18	38404	38085	38409	38316	38096	37756	39036	39031	38172	38236	38355	38591	101.307	
	19	37994	38328	38117	38724	38707	38231	38811	38020	38369	38322	38036	38423	101.218	
	20	37756	38055	38323	39375	38255	37905	38081	38523	38172	37751	38276	38547	100.984	
	21	38457	38447	38452	38628	38443	38927	38473	38274	38574	38215	38130	38471	101.528	
	22	38509	38814	38486	38490	39005	38469	38234	38445	38644	38368	38957	38268	101.791	
	23	38915	38003	38285	38756	39102	38666	39098	38917	39013	38742	38287	38768	102.201	
26	0	38329	38754	38890	38363	38345	39063	38250	38465	38699	38235	38142	38351	101.608	
	1	38558	38706	38258	38838	38560	38625	38405	38587	37929	38480	39018	38813	101.811	
	2	38461	38348	38952	38801	38793	38486	38269	38479	39144	38079	38353	38780	101.848	
	3	38082	38661	38816	38612	39303	38704	38895	38793	38313	38088	38418	38289	101.855	
	4	38839	38731	38839	38485	38804	38623	38264	38781	38879	38652	38598	38577	102.096	
	5	38348	38194	39427	38462	39166	38483	38742	38636	38787	38469	38970	39072	102.246	
	6	38336	39337	38309	38597	38861	38395	38599	38911	39010	39279	38921	38479	102.308	
	7	38777	38806	38322	39206	38512	38682	38506	39042	39202	38602	38635	38600	102.276	
	8	38447	38999	38611	39056	38677	38865	38405	38693	38730	38522	38620	38416	102.089	
	9	38576	38792	39282	38629	38541	38771	38571	38039	38622	38568	38353	38587	101.933	
	10	38242	38747	38629	38801	38393	38881	38633	38725	39018	38926	38395	38820	102.127	
	11	39007	38265	38110	38510	38630	38858	38782	38587	38812	38487	38679	39023	102.025	
	12	38380	38286	38234	38489	38350	38659	38804	38268	38368	39262	39045	38630	101.811	
	13	38808	38969	38738	38166	38706	39002	38505	37855	38809	38877	39111	38664	102.126	
	14	38849	38833	38573	38297	38984	38570	38666	38500	38625	38700	39100	38403	102.102	
	15	38809	38702	38965	38526	38780	38539	39217	38646	39196	38609	38309	38749	102.311	
	16	39419	38696	38826	38827	38400	38490	38792	38929	38448	38533	39256	38582	102.344	
	17	38689	38445	38319	38980	38894	38138	38798	38563	38404	38627	38375	38393	101.778	
	18	39331	38904	38760	38383	38471	38962	38949	38702	38758	38514	38663	38250	102.222	
	19	38264	38211	38358	38294	38135	38561	38896	38990	38124	38789	38785	38586	101.638	
	20	38515	38329	39064	38638	38745	38641	38572	38466	38681	38440	38744	38720	101.982	
	21	38938	38073	38235	38466	38933	38145	38457	38402	38393	38327	38679	38760	101.598	
	22	37973	38653	38671	38644	38535	38917	38361	38280	38304	38772	38772	38201	101.658	
	23	38707	38250	38910	38578	38661	38648	38974	38474	38675	38967	38643	38743	102.131	

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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	38195	38876	38422	38398	38201	38308	38723	38972	38308	38842	38606	38697	101.760
	1	38391	39136	38599	38210	38516	38616	38816	38745	38773	37839	38802	38755	101.904
	2	38572	38481	38873	38816	38875	38865	38503	38425	38671	38864	38972	37993	102.060
	3	38538	38300	38891	38947	38642	39010	38813	38680	38723	38781	38468	38738	102.197
	4	38208	38128	38900	39082	38911	38111	39053	38742	38405	39084	39233	38771	102.218
	5	38643	38613	38661	39063	38471	38620	39124	38958	39184	38442	38573	39063	102.391
	6	39254	38859	38666	39115	38826	38870	38867	38769	38882	38248	38704	38740	102.476
	7	38859	39082	38988	38587	38771	38851	38775	38681	38570	38475	38842	39155	102.440
	8	39155	39179	38203	38820	38832	38619	38550	38977	39226	39371	38927	39057	102.722
	9	39084	38605	38820	38751	38412	38519	38767	38801	38333	39394	38794	38846	102.328
	10	38868	38392	38430	38791	38747	38722	38979	39412	38453	38666	38267	39180	102.280
	11	38432	39386	38664	39394	38862	39024	39221	38503	38422	38773	39239	39041	102.732
	12	38942	38992	38375	38643	38585	38905	38839	39139	38695	38523	38919	38812	102.381
	13	38890	38534	38952	38755	39403	38874	38933	39023	38528	38644	39036	38604	102.559
	14	38735	38711	38424	38713	38760	38986	38600	39187	38844	38656	38503	38476	102.211
	15	38497	38618	38956	38776	39301	38816	38282	38461	39425	38496	39416	39099	102.552
	16	39219	39058	38228	39002	38316	38275	39173	38220	38984	38934	38553	38863	102.262
	17	39097	38849	38636	39017	38518	38933	38884	38789	38642	39201	38754	39012	102.593
	18	38572	38625	37880	38667	38591	38853	39014	38274	38458	39059	38579	38735	101.927
	19	38548	38888	38690	38978	38694	38798	38540	39094	38830	39010	38642	38535	102.354
	20	38825	38167	38492	38592	38878	38964	38555	38592	39081	38921	38995	38635	102.233
	21	38337	38883	38408	38589	38802	38972	38340	38424	38933	39038	38783	38201	102.016
	22	38414	38564	39313	39146	38528	38830	38866	38770	38875	38346	38743	38897	102.365
	23	38738	38913	38678	39429	38508	38169	38867	38622	38077	38408	38200	38691	101.926
28	0	38250	38981	38590	39100	38478	38404	38374	39199	38994	38707	38401	39228	102.223
	1	38796	38564	37987	38560	38738	39034	38900	39071	38876	38702	39209	38990	102.395
	2	38280	38343	38584	38795	39557	38534	38849	38781	38576	38657	38572	38995	102.197
	3	38521	38733	38796	38548	38504	38718	39104	38250	38481	38165	38267	39042	101.888
	4	38973	38708	38510	39088	39092	38042	38870	38387	38557	38875	38765	38763	102.219
	5	37956	38527	38404	39078	38704	38315	38664	38846	39204	38471	38652	38671	101.969
	6	38422	38827	38744	38878	39038	38920	38398	38661	38841	38838	39123	39025	102.458
	7	38672	39284	38449	38812	38663	37852	38160	38800	38612	38330	38792	38673	101.882
	8	38686	38577	38844	38244	38640	38450	38385	38421	38798	38181	38454	39082	101.807
	9	38160	38511	39154	38739	39258	38647	38542	38452	38405	38467	38603	38850	102.033
	10	39067	39327	38426	38784	39216	38867	38901	38864	39019	38815	38520	38674	102.626
	11	38555	38389	38437	39543	38387	38971	38940	38790	38588	38754	38366	38768	102.188
	12	38081	38546	39256	38470	38911	38387	38512	39018	38828	38813	39081	38363	102.140
	13	38989	38792	38853	38614	38220	39119	38355	38580	39131	38258	38397	38355	102.005
	14	38249	39127	38682	38897	38661	38841	39135	38666	38008	38742	38014	38425	101.960
	15	38389	38647	38489	38882	39142	38614	38548	38715	38711	38444	38670	37934	101.902
	16	38672	38453	38877	39010	38490	39229	38848	38838	38060	38449	38924	38462	102.150
	17	39094	38691	38752	38504	39032	38346	38293	38733	38596	38349	38465	38776	102.000
	18	38462	38436	38581	38752	38106	38824	38925	38497	38630	38665	39214	38937	102.085
	19	38614	38881	38972	38733	38837	38815	38772	38775	38345	38848	38724	38957	102.361
	20	38535	38934	38924	38574	38366	38167	38597	38782	38447	38640	38707	38176	101.828
	21	38661	38492	38824	38450	39012	38695	38274	38501	38893	39158	38969	38913	102.265
	22	39202	38254	38517	38701	38945	38281	38842	38691	38576	39005	38815	38905	102.242
	23	38391	38863	38454	38417	38795	38345	38770	38474	38487	38759	38790	38536	101.878

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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	38998	39172	39066	38681	39056	38823	38734	39018	38425	38437	39164	39365	102.746	
	1	38120	38767	38821	38738	38544	38447	38685	38866	38847	38213	39081	39146	102.140	
	2	37884	38506	38768	38447	38757	38919	38520	38872	38157	38505	38855	38741	101.844	
	3	38629	38470	38253	38811	39068	38110	38494	39302	38649	38926	38891	39003	102.213	
	4	38641	38453	38749	38492	38577	38217	38619	38242	38442	38416	38516	38500	101.610	
	5	38921	38540	38188	38680	38836	39299	39307	39301	38582	38529	39196	39359	102.682	
	6	38861	38882	38898	38575	38663	38910	39371	38397	38817	38846	39182	39340	102.683	
	7	38255	38321	38686	38838	38397	38702	39323	38720	39301	38806	38812	38533	102.233	
	8	38716	38600	38697	38546	38521	38777	38243	39107	38545	39227	38458	38667	102.103	
	9	38839	38753	38927	39286	39001	38893	38423	38906	38216	38710	38768	39320	102.529	
	10	38451	38852	38750	38873	38652	38300	39128	38781	38829	38655	38127	38746	102.111	
	11	39004	38636	38565	38784	38571	37779	38769	38591	38298	38929	39150	38551	101.998	
	12	38492	39267	38021	38124	39140	39258	39408	38439	39014	39060	38717	38434	102.382	
	13	39002	39190	39165	38753	38680	38302	38761	38517	38976	38890	39013	38941	102.561	
	14	39010	38715	38798	38967	39341	38548	38506	38596	38579	38449	38718	38630	102.268	
	15	38984	38301	38026	38347	38872	38462	37866	38645	38293	38789	38673	38536	101.595	
	16	37837	38826	38519	38848	38121	38604	38224	38690	38319	37870	38540	38768	101.456	
	17	38488	38540	38099	38139	38524	38244	38434	38108	38494	38316	38895	38430	101.357	
	18	38627	38361	38297	37890	38557	38444	38595	38413	38450	38284	38257	38496	101.348	
	19	38492	38655	38270	38971	38288	38477	38277	38236	38587	38425	38496	38894	101.655	
	20	38130	38422	38378	38276	38674	38571	38686	39031	38559	38871	38308	38413	101.710	
	21	38160	38493	38114	38561	38418	38340	38583	38793	38281	38902	37984	38252	101.394	
	22	38504	38427	38594	39115	38583	38715	38283	38337	38431	38346	38521	38819	101.789	
	23	38235	38824	38819	38197	38594	38307	38563	38224	38666	38736	38199	38611	101.635	
30	0	38128	38157	38218	38325	38103	38238	38375	38559	38915	38290	38442	38760	101.313	
	1	38118	38586	38264	38544	38548	38501	38419	39214	38548	38316	38679	38621	101.719	
	2	38120	38904	38576	38624	38735	38975	39107	39271	38675	38466	38536	38840	102.262	
	3	38338	38069	38640	38186	38476	38541	38349	38453	38747	38450	38469	38836	101.542	
	4	38257	38771	38699	38191	38368	38288	38394	38478	38339	38644	38556	38956	101.627	
	5	38247	38440	38309	38970	38306	38702	39067	38757	38403	38617	38939	38766	101.975	
	6	38753	39023	38805	39251	38470	38394	39088	39026	39195	39003	38695	39022	102.680	
	7	38814	38815	38284	39162	38277	38793	39015	38822	38360	38399	38675	38579	102.079	
	8	38943	39317	39139	38494	39209	38658	38684	39341	38433	38256	38803	39052	102.592	
	9	38538	38902	38349	38565	38378	38469	38380	38656	38456	38994	39546	38764	102.079	
	10	38576	38851	38938	38481	38357	38762	38615	38903	38639	39387	38782	38959	102.355	
	11	39168	39135	38789	38560	38963	38851	39319	38881	38618	38945	38479	38672	102.604	
	12	38522	38414	38039	38959	39180	38728	38845	38575	38684	38817	39091	38531	102.165	
	13	38973	38646	38339	38433	38361	38305	38269	38631	38322	38659	38513	38415	101.611	
	14	38466	37974	38209	38618	38728	38512	38413	38171	38852	38838	38432	38123	101.494	
	15	38466	38714	38111	38564	38683	38268	38478	38198	38686	38190	38575	38360	101.485	
	16	38518	38536	38287	38391	38253	38625	38097	38882	39066	38767	38714	38572	101.795	
	17	38391	38557	38739	38719	38296	38752	38648	38458	38896	38555	38451	38604	101.875	
	18	38086	38455	38389	38136	38439	38340	38514	38278	38386	38738	38485	38591	101.384	
	19	38047	38810	37814	38952	38051	38858	38442	38125	38677	38115	38013	38329	101.251	
	20	39012	38724	38206	38187	38708	38751	38288	38358	38347	38588	38878	38540	101.769	
	21	38561	38656	38837	38441	38713	38318	37711	38297	38743	38045	38484	38519	101.492	
	22	38645	38236	38600	38575	38495	38752	38631	38516	38877	38846	38117	39117	101.949	
	23	38919	38560	38597	39238	38473	38329	38691	38426	37885	38034	38750	38590	101.749	

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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	38943	37975	38669	38326	38584	38246	38580	38812	38367	38811	39068	38346	101.808
	1	38537	38560	39270	38325	38679	38690	39188	38381	38739	38659	39326	38582	102.286
	2	39289	38661	38511	38867	38310	38832	38647	38913	38418	38739	38621	38575	102.165
	3	38740	38210	38983	38009	38725	38954	39168	38420	38453	38577	38606	38904	102.025
	4	39034	39374	38576	38657	37959	38471	38315	38990	38377	38007	38390	38319	101.744
	5	38655	38901	38691	38217	38874	38428	38644	38670	38287	38826	38004	38775	101.854
	6	38271	38363	38207	38259	38496	38522	38900	38505	38584	38534	38662	38972	101.700
	7	38674	38780	38105	38558	38128	39135	39139	38903	38928	38151	38197	38613	101.928
	8	38402	38745	38641	38694	38845	38542	38333	38740	38509	38411	39310	38698	102.051
	9	38427	38679	38137	39348	38650	38998	38671	38527	38796	38318	38622	38416	101.990
	10	38659	39184	38348	38394	38656	38917	38968	38340	38646	38454	38733	38862	102.115
	11	39159	38675	39049	38932	38975	39256	38849	38845	38905	38663	38801	38454	102.643
	12	39622	38219	38576	38727	38345	38440	38456	38816	38857	38485	38602	39106	102.136
	13	38652	38514	37994	38247	38436	39025	39045	38701	38388	39405	38330	38491	101.910
	14	39287	38732	38422	38954	38145	38729	38430	38475	38856	38432	38698	38387	101.981
	15	38313	39513	38132	38738	38788	38538	38818	38854	38438	38933	38637	38962	102.226
	16	37997	38085	39046	38275	39035	38119	39190	38316	38158	38668	38462	38708	101.653
	17	38586	38718	38199	38459	38972	37925	38225	38239	38943	38963	38932	38691	101.828
	18	38557	38273	38449	38368	38296	38693	38785	38524	38663	38131	38681	38153	101.546
	19	38517	38216	38030	38463	38816	38244	38798	38436	38692	38428	37846	38441	101.404
	20	38340	38681	38266	38821	38423	38158	37774	38616	38920	38626	38693	38352	101.567
	21	38334	38487	38814	38160	38345	38041	38360	38690	38447	38644	38543	38706	101.545
	22	38756	38707	38117	38589	38400	38360	38668	38027	38432	38884	38767	37650	101.498
	23	38907	38538	38929	38645	38453	38763	38643	38704	38462	38371	38528	38867	102.038

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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	1018.37	1018.36	1018.32	1018.28	1018.24	1018.19	1018.15	1018.10	1018.05	1018.01	1018.00	1018.02	1018.16
	1	1018.06	1018.10	1018.10	1018.08	1018.05	1018.03	1017.97	1017.90	1017.86	1017.81	1017.73	1017.69	1017.95
	2	1017.69	1017.65	1017.56	1017.48	1017.43	1017.40	1017.37	1017.35	1017.30	1017.26	1017.26	1017.23	1017.41
	3	1017.18	1017.13	1017.08	1017.04	1016.99	1016.93	1016.88	1016.83	1016.81	1016.79	1016.74	1016.69	1016.92
	4	1016.62	1016.59	1016.56	1016.50	1016.44	1016.40	1016.36	1016.32	1016.28	1016.24	1016.21	1016.15	1016.39
	5	1016.05	1016.01	1015.98	1015.94	1015.92	1015.90	1015.90	1015.90	1015.90	1015.92	1015.89	1015.83	1015.93
	6	1015.78	1015.73	1015.71	1015.72	1015.73	1015.72	1015.70	1015.64	1015.60	1015.58	1015.52	1015.46	1015.66
	7	1015.40	1015.37	1015.40	1015.44	1015.43	1015.40	1015.36	1015.36	1015.38	1015.36	1015.28	1015.21	1015.36
	8	1015.17	1015.16	1015.17	1015.18	1015.15	1015.05	1014.99	1014.94	1014.87	1014.82	1014.76	1014.66	1014.99
	9	1014.63	1014.63	1014.57	1014.51	1014.43	1014.32	1014.25	1014.18	1014.10	1014.02	1013.89	1013.76	1014.27
	10	1013.67	1013.57	1013.44	1013.30	1013.17	1013.07	1012.97	1012.85	1012.74	1012.65	1012.53	1012.45	1013.03
	11	1012.40	1012.35	1012.30	1012.24	1012.18	1012.11	1012.07	1012.00	1011.92	1011.87	1011.78	1011.63	1012.07
	12	1011.49	1011.32	1011.19	1011.15	1011.10	1011.05	1010.96	1010.90	1010.91	1010.94	1011.00	1011.05	1011.09
	13	1011.02	1010.97	1010.91	1010.87	1010.84	1010.81	1010.73	1010.64	1010.58	1010.53	1010.49	1010.47	1010.74
	14	1010.43	1010.30	1010.20	1010.10	1010.00	1009.98	1010.01	1010.08	1010.05	1009.97	1009.99	1009.99	1010.09
	15	1009.96	1009.94	1009.94	1009.91	1009.85	1009.77	1009.71	1009.71	1009.73	1009.71	1009.67	1009.64	1009.79
	16	1009.60	1009.58	1009.55	1009.55	1009.57	1009.56	1009.54	1009.54	1009.55	1009.55	1009.48	1009.44	1009.54
	17	1009.45	1009.46	1009.43	1009.37	1009.31	1009.29	1009.25	1009.22	1009.19	1009.18	1009.17	1009.14	1009.29
	18	1009.12	1009.11	1009.17	1009.30	1009.41	1009.43	1009.54	1009.66	1009.66	1009.59	1009.51	1009.49	1009.41
	19	1009.49	1009.43	1009.34	1009.28	1009.26	1009.20	1009.12	1009.03	1008.94	1008.95	1008.95	1008.83	1009.15
	20	1008.78	1008.78	1008.73	1008.70	1008.65	1008.56	1008.52	1008.60	1008.79	1008.87	1008.77	1008.63	1008.69
	21	1008.53	1008.47	1008.40	1008.31	1008.24	1008.16	1008.11	1008.08	1007.98	1007.97	1008.13	1008.19	1008.21
	22	1008.10	1008.01	1008.15	1008.40	1008.43	1008.39	1008.24	1008.05	1007.83	1007.88	1008.06	1008.05	1008.13
	23	1008.12	1008.17	1008.13	1008.04	1007.94	1007.90	1007.83	1007.72	1007.65	1007.65	1007.67	1007.82	1007.88
2	0	1007.70	1007.79	1007.86	1007.81	1007.78	1007.77	1007.74	1007.68	1007.68	1007.70	1007.70	1007.70	1007.74
	1	1007.71	1007.74	1007.77	1007.78	1007.77	1007.77	1007.80	1007.79	1007.73	1007.72	1007.76	1007.75	1007.76
	2	1007.71	1007.67	1007.61	1007.61	1007.63	1007.58	1007.54	1007.54	1007.53	1007.51	1007.49	1007.44	1007.57
	3	1007.42	1007.43	1007.44	1007.42	1007.38	1007.37	1007.40	1007.42	1007.39	1007.31	1007.24	1007.26	1007.37
	4	1007.32	1007.38	1007.41	1007.39	1007.40	1007.43	1007.41	1007.40	1007.43	1007.43	1007.46	1007.48	1007.41
	5	1007.44	1007.43	1007.44	1007.43	1007.44	1007.47	1007.49	1007.52	1007.56	1007.60	1007.65	1007.71	1007.51
	6	1007.75	1007.82	1007.89	1007.95	1007.97	1008.00	1008.09	1008.16	1008.21	1008.23	1008.20	1008.18	1008.04
	7	1008.19	1008.19	1008.20	1008.21	1008.23	1008.26	1008.26	1008.25	1008.28	1008.29	1008.27	1008.26	1008.24
	8	1008.28	1008.32	1008.34	1008.39	1008.45	1008.48	1008.53	1008.57	1008.62	1008.68	1008.70	1008.75	1008.51
	9	1008.81	1008.81	1008.78	1008.75	1008.69	1008.67	1008.67	1008.65	1008.62	1008.56	1008.46	1008.34	1008.65
	10	1008.23	1008.15	1008.10	1008.00	1007.81	1007.53	1007.32	1007.27	1007.24	1007.21	1007.18	1007.13	1007.60
	11	1007.07	1007.03	1007.00	1006.94	1006.89	1006.84	1006.69	1006.58	1006.58	1006.58	1006.51	1006.45	1006.76
	12	1006.37	1006.30	1006.26	1006.21	1006.13	1006.00	1005.93	1005.88	1005.78	1005.76	1005.76	1005.70	1006.00
	13	1005.65	1005.62	1005.64	1005.68	1005.71	1005.76	1005.86	1005.94	1005.84	1005.65	1005.55	1005.43	1005.69
	14	1005.30	1005.23	1005.16	1005.17	1005.26	1005.28	1005.16	1005.19	1005.30	1005.22	1005.08	1004.94	1005.19
	15	1004.89	1004.89	1004.85	1004.86	1004.94	1005.07	1005.16	1005.10	1004.93	1004.80	1004.73	1004.68	1004.91
	16	1004.73	1004.82	1004.89	1004.89	1004.82	1004.74	1004.60	1004.45	1004.37	1004.30	1004.28	1004.34	1004.60
	17	1004.47	1004.65	1004.78	1004.90	1005.03	1005.11	1005.14	1005.11	1005.03	1005.01	1005.04	1005.07	1004.94
	18	1005.08	1005.08	1005.07	1005.03	1004.96	1004.92	1004.94	1004.96	1004.98	1005.04	1005.11	1005.19	1005.03
	19	1005.26	1005.25	1005.24	1005.26	1005.20	1005.19	1005.23	1005.21	1005.23	1005.29	1005.35	1005.42	1005.26
	20	1005.46	1005.47	1005.51	1005.62	1005.70	1005.72	1005.72	1005.72	1005.68	1005.64	1005.63	1005.59	1005.62
	21	1005.58	1005.59	1005.58	1005.62	1005.68	1005.71	1005.77	1005.81	1005.83	1005.83	1005.79	1005.73	1005.71
	22	1005.67	1005.69	1005.74	1005.73	1005.76	1005.75	1005.70	1005.67	1005.67	1005.69	1005.70	1005.71	1005.71
	23	1005.70	1005.64	1005.59	1005.62	1005.69	1005.75	1005.76	1005.72	1005.67	1005.65	1005.68	1005.72	1005.68

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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	1005.80	1005.83	1005.90	1005.97	1005.98	1005.98	1005.98	1005.98	1006.00	1006.05	1006.10	1006.13	1005.98
	1	1006.14	1006.15	1006.14	1006.11	1006.03	1005.94	1005.93	1005.96	1005.97	1005.93	1005.85	1005.78	1005.99
	2	1005.70	1005.59	1005.52	1005.44	1005.36	1005.35	1005.41	1005.43	1005.39	1005.38	1005.39	1005.39	1005.44
	3	1005.37	1005.34	1005.34	1005.30	1005.24	1005.21	1005.19	1005.14	1005.08	1005.05	1005.09	1005.11	1005.20
	4	1005.08	1005.10	1005.18	1005.16	1005.22	1005.21	1005.00	1004.89	1004.84	1004.81	1004.87	1004.93	1005.02
	5	1004.94	1004.96	1005.04	1005.04	1005.02	1005.01	1005.01	1005.07	1005.12	1005.10	1005.03	1004.96	1005.02
	6	1004.91	1004.94	1005.04	1005.14	1005.13	1005.03	1004.98	1004.94	1004.91	1004.92	1004.93	1004.96	1004.98
	7	1005.02	1005.06	1005.06	1005.10	1005.18	1005.24	1005.30	1005.36	1005.42	1005.42	1005.38	1005.42	1005.24
	8	1005.46	1005.45	1005.43	1005.40	1005.36	1005.33	1005.33	1005.33	1005.36	1005.42	1005.46	1005.47	1005.40
	9	1005.49	1005.49	1005.54	1005.75	1005.97	1006.00	1005.94	1005.87	1005.75	1005.61	1005.54	1005.49	1005.70
	10	1005.45	1005.41	1005.36	1005.29	1005.21	1005.17	1005.15	1005.09	1005.02	1005.00	1004.99	1004.99	1005.17
	11	1004.99	1004.97	1004.90	1004.81	1004.75	1004.71	1004.69	1004.67	1004.58	1004.47	1004.43	1004.41	1004.70
	12	1004.42	1004.46	1004.43	1004.38	1004.31	1004.20	1004.08	1004.00	1003.97	1003.94	1003.89	1003.83	1004.16
	13	1003.80	1003.78	1003.73	1003.68	1003.64	1003.65	1003.69	1003.75	1003.78	1003.80	1003.81	1003.83	1003.74
	14	1003.84	1003.84	1003.84	1003.87	1003.89	1003.90	1003.90	1003.89	1003.87	1003.83	1003.82	1003.86	1003.86
	15	1003.89	1003.89	1003.88	1003.84	1003.79	1003.78	1003.81	1003.85	1003.86	1003.89	1003.95	1003.97	1003.87
	16	1003.98	1004.05	1004.14	1004.18	1004.22	1004.28	1004.34	1004.36	1004.39	1004.45	1004.49	1004.50	1004.28
	17	1004.55	1004.56	1004.54	1004.54	1004.57	1004.61	1004.58	1004.49	1004.39	1004.33	1004.32	1004.35	1004.48
	18	1004.38	1004.41	1004.41	1004.42	1004.42	1004.42	1004.41	1004.43	1004.47	1004.46	1004.46	1004.47	1004.43
	19	1004.46	1004.47	1004.49	1004.48	1004.47	1004.45	1004.41	1004.40	1004.44	1004.48	1004.47	1004.43	1004.45
	20	1004.39	1004.38	1004.40	1004.47	1004.53	1004.57	1004.58	1004.56	1004.57	1004.59	1004.58	1004.55	1004.51
	21	1004.49	1004.47	1004.51	1004.55	1004.56	1004.59	1004.60	1004.60	1004.61	1004.60	1004.56	1004.47	1004.55
	22	1004.40	1004.38	1004.39	1004.41	1004.37	1004.30	1004.22	1004.17	1004.15	1004.12	1004.11	1004.11	1004.26
	23	1004.14	1004.20	1004.22	1004.22	1004.23	1004.18	1004.09	1004.09	1004.18	1004.23	1004.26	1004.26	1004.19
4	0	1004.25	1004.21	1004.19	1004.18	1004.11	1004.06	1004.01	1003.97	1003.98	1004.00	1004.02	1004.01	1004.07
	1	1003.99	1003.99	1004.00	1004.00	1004.06	1004.10	1004.09	1004.10	1004.09	1004.08	1004.08	1004.03	1004.05
	2	1003.99	1003.95	1003.89	1003.78	1003.70	1003.68	1003.66	1003.61	1003.57	1003.53	1003.50	1003.49	1003.69
	3	1003.48	1003.47	1003.48	1003.54	1003.56	1003.50	1003.44	1003.39	1003.37	1003.39	1003.35	1003.31	1003.44
	4	1003.30	1003.30	1003.29	1003.26	1003.29	1003.34	1003.36	1003.33	1003.30	1003.31	1003.39	1003.46	1003.33
	5	1003.48	1003.52	1003.56	1003.58	1003.54	1003.51	1003.50	1003.47	1003.50	1003.55	1003.53	1003.49	1003.52
	6	1003.50	1003.51	1003.51	1003.52	1003.52	1003.48	1003.41	1003.41	1003.43	1003.44	1003.46	1003.47	1003.47
	7	1003.50	1003.59	1003.67	1003.74	1003.77	1003.73	1003.70	1003.69	1003.71	1003.64	1003.56	1003.57	1003.65
	8	1003.62	1003.66	1003.62	1003.58	1003.55	1003.49	1003.50	1003.50	1003.44	1003.44	1003.53	1003.54	1003.54
	9	1003.53	1003.49	1003.46	1003.46	1003.43	1003.43	1003.43	1003.43	1003.43	1003.42	1003.41	1003.39	1003.44
	10	1003.33	1003.25	1003.14	1003.04	1002.98	1002.95	1002.93	1002.90	1002.89	1002.82	1002.73	1002.65	1002.97
	11	1002.58	1002.54	1002.49	1002.46	1002.45	1002.43	1002.39	1002.34	1002.29	1002.24	1002.16	1002.05	1002.37
	12	1002.03	1002.08	1002.05	1001.99	1001.93	1001.89	1001.89	1001.86	1001.78	1001.73	1001.70	1001.67	1001.88
	13	1001.66	1001.57	1001.47	1001.41	1001.36	1001.31	1001.26	1001.19	1001.16	1001.20	1001.22	1001.17	1001.33
	14	1001.17	1001.19	1001.17	1001.20	1001.24	1001.24	1001.21	1001.19	1001.18	1001.16	1001.08	1000.94	1001.16
	15	1000.88	1000.92	1000.98	1001.05	1001.12	1001.15	1001.09	1001.05	1001.01	1000.96	1000.87	1000.82	1000.99
	16	1000.98	1001.14	1001.24	1001.35	1001.34	1001.31	1001.31	1001.35	1001.39	1001.29	1001.25	1001.27	1001.27
	17	1001.30	1001.30	1001.23	1001.22	1001.18	1001.13	1001.16	1001.16	1001.18	1001.28	1001.36	1001.43	1001.24
	18	1001.44	1001.41	1001.40	1001.37	1001.41	1001.41	1001.35	1001.27	1001.22	1001.23	1001.21	1001.20	1001.32
	19	1001.21	1001.19	1001.19	1001.15	1001.08	1001.04	1000.98	1000.94	1001.02	1001.07	1001.07	1001.08	1001.08
	20	1001.03	1001.01	1000.93	1000.85	1000.90	1001.01	1001.12	1001.18	1001.16	1001.09	1001.09	1001.18	1001.04
	21	1001.21	1001.18	1001.21	1001.27	1001.30	1001.26	1001.21	1001.21	1001.23	1001.24	1001.26	1001.26	1001.23
	22	1001.27	1001.31	1001.30	1001.24	1001.23	1001.25	1001.25	1001.28	1001.30	1001.34	1001.39	1001.37	1001.29
	23	1001.32	1001.33	1001.33	1001.29	1001.25	1001.20	1001.15	1001.12	1001.09	1001.04	1001.02	1000.99	1001.18

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2020

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	1000.94	1000.97	1000.97	1000.94	1000.90	1000.86	1000.86	1000.85	1000.81	1000.80	1000.76	1000.74	1000.86
	1	1000.81	1000.90	1000.95	1001.01	1001.05	1001.10	1001.19	1001.24	1001.18	1001.10	1001.08	1001.05	1001.05
	2	1000.97	1000.86	1000.79	1000.76	1000.68	1000.61	1000.58	1000.60	1000.64	1000.70	1000.76	1000.80	1000.73
	3	1000.80	1000.77	1000.75	1000.78	1000.80	1000.77	1000.76	1000.77	1000.79	1000.76	1000.71	1000.70	1000.76
	4	1000.71	1000.73	1000.75	1000.70	1000.62	1000.61	1000.58	1000.52	1000.56	1000.63	1000.68	1000.77	1000.65
	5	1000.86	1000.88	1000.77	1000.71	1000.70	1000.72	1000.73	1000.75	1000.76	1000.76	1000.74	1000.75	1000.76
	6	1000.76	1000.72	1000.71	1000.75	1000.76	1000.75	1000.81	1000.92	1000.96	1000.99	1001.00	1001.01	1000.84
	7	1001.05	1001.13	1001.20	1001.28	1001.36	1001.42	1001.40	1001.39	1001.44	1001.46	1001.44	1001.43	1001.33
	8	1001.48	1001.52	1001.52	1001.51	1001.52	1001.53	1001.56	1001.60	1001.60	1001.59	1001.47	1001.36	1001.52
	9	1001.30	1001.31	1001.45	1001.57	1001.63	1001.71	1001.78	1001.83	1001.81	1001.78	1001.77	1001.70	1001.63
	10	1001.65	1001.62	1001.63	1001.57	1001.47	1001.47	1001.44	1001.43	1001.42	1001.36	1001.29	1001.14	1001.46
	11	1000.99	1000.95	1000.95	1000.97	1000.97	1000.88	1000.87	1000.85	1000.75	1000.70	1000.62	1000.55	1000.84
	12	1000.55	1000.54	1000.59	1000.61	1000.61	1000.60	1000.58	1000.60	1000.58	1000.53	1000.48	1000.45	1000.56
	13	1000.39	1000.42	1000.45	1000.44	1000.45	1000.44	1000.51	1000.66	1000.73	1000.70	1000.75	1000.79	1000.56
	14	1000.75	1000.81	1000.84	1000.79	1000.75	1000.71	1000.73	1000.75	1000.72	1000.72	1000.68	1000.58	1000.73
	15	1000.59	1000.61	1000.58	1000.61	1000.67	1000.70	1000.68	1000.70	1000.72	1000.68	1000.66	1000.68	1000.65
	16	1000.74	1000.75	1000.72	1000.71	1000.73	1000.76	1000.82	1000.85	1000.86	1000.87	1000.85	1000.86	1000.79
	17	1000.88	1000.90	1000.91	1000.90	1000.87	1000.81	1000.87	1000.88	1000.84	1000.84	1000.85	1000.85	1000.87
	18	1000.90	1000.97	1000.94	1000.93	1000.92	1000.86	1000.81	1000.76	1000.75	1000.79	1000.77	1000.75	1000.84
	19	1000.74	1000.74	1000.76	1000.77	1000.76	1000.66	1000.57	1000.54	1000.49	1000.40	1000.30	1000.21	1000.58
	20	1000.25	1000.27	1000.19	1000.11	1000.02	999.93	999.76	999.61	999.52	999.47	999.39	999.31	999.82
	21	999.33	999.36	999.49	999.53	999.49	999.59	999.66	999.77	999.90	999.87	999.85	999.84	999.64
	22	999.87	999.91	999.93	999.95	1000.06	1000.38	1000.63	1000.75	1001.04	1001.24	1001.11	1001.07	1000.49
	23	1001.15	1000.87	1000.79	1000.89	1000.74	1000.71	1000.66	1000.62	1000.63	1000.58	1000.49	1000.46	1000.71
6	0	1000.43	1000.48	1000.44	1000.32	1000.23	1000.13	1000.04	999.99	999.98	999.97	1000.04	1000.19	1000.17
	1	1000.31	1000.37	1000.41	1000.42	1000.23	999.95	999.83	999.76	999.77	999.86	999.89	999.93	1000.06
	2	999.86	999.68	999.51	999.26	999.05	999.01	999.04	999.04	998.98	998.97	998.99	998.90	999.19
	3	998.75	998.69	998.61	998.49	998.45	998.31	998.12	998.06	998.15	998.21	998.07	997.76	998.30
	4	997.57	997.60	997.62	997.61	997.69	997.65	997.46	997.31	997.15	997.05	997.02	997.04	997.39
	5	997.13	997.16	997.09	997.08	997.14	997.29	997.26	997.22	997.17	996.93	996.83	996.81	997.09
	6	996.83	996.79	996.66	996.60	996.68	996.74	996.71	996.52	996.45	996.50	996.41	996.33	996.60
	7	996.17	995.99	995.84	995.74	995.71	995.66	995.59	995.59	995.66	995.70	995.64	995.61	995.74
	8	995.63	995.65	995.66	995.62	995.53	995.54	995.64	995.74	995.78	995.71	995.68	995.74	995.66
	9	995.84	995.99	996.15	996.25	996.30	996.30	996.31	996.36	996.45	996.51	996.53	996.54	996.29
	10	996.53	996.42	996.34	996.39	996.49	996.49	996.41	996.46	996.48	996.49	996.46	996.41	996.45
	11	996.40	996.37	996.33	996.23	996.04	995.98	995.85	995.61	995.49	995.44	995.41	995.39	995.88
	12	995.47	995.54	995.70	995.78	995.72	995.72	995.70	995.67	995.65	995.59	995.55	995.54	995.63
	13	995.60	995.64	995.74	995.90	996.06	996.20	996.22	996.21	996.25	996.34	996.43	996.47	996.09
	14	996.53	996.65	996.74	996.76	996.82	996.95	997.11	997.21	997.30	997.46	997.67	997.85	997.09
	15	998.00	998.09	998.17	998.25	998.29	998.37	998.47	998.59	998.69	998.74	998.83	998.96	998.45
	16	999.09	999.16	999.13	999.09	999.07	999.11	999.17	999.21	999.33	999.48	999.53	999.55	999.24
	17	999.65	999.73	999.73	999.80	999.95	1000.01	1000.00	1000.04	1000.13	1000.21	1000.24	1000.31	999.98
	18	1000.41	1000.47	1000.57	1000.74	1000.88	1000.93	1000.97	1001.02	1001.10	1001.18	1001.24	1001.35	1000.90
	19	1001.43	1001.47	1001.53	1001.55	1001.57	1001.60	1001.60	1001.61	1001.62	1001.57	1001.56	1001.62	1001.56
	20	1001.65	1001.66	1001.65	1001.55	1001.51	1001.58	1001.68	1001.76	1001.84	1001.99	1002.10	1002.12	1001.76
	21	1002.15	1002.21	1002.27	1002.32	1002.33	1002.33	1002.34	1002.34	1002.37	1002.40	1002.47	1002.58	1002.34
	22	1002.65	1002.68	1002.71	1002.75	1002.76	1002.78	1002.81	1002.82	1002.81	1002.82	1002.83	1002.86	1002.77
	23	1002.88	1002.89	1002.91	1002.91	1002.90	1002.88	1002.91	1002.99	1002.99	1002.98	1003.00	1003.04	1002.94

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2020

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	1002.95	1002.99	1003.11	1003.24	1003.29	1003.26	1003.21	1003.14	1003.07	1003.10	1003.12	1003.08	1003.14
	1	1003.09	1003.18	1003.35	1003.72	1003.94	1003.92	1003.93	1003.84	1003.75	1003.72	1003.74	1003.79	1003.66
	2	1003.77	1003.72	1003.76	1003.79	1003.78	1003.82	1003.84	1003.84	1003.84	1003.87	1003.92	1003.99	1003.83
	3	1004.02	1004.00	1003.99	1003.96	1003.96	1004.03	1004.14	1004.23	1004.30	1004.39	1004.47	1004.49	1004.16
	4	1004.47	1004.46	1004.42	1004.37	1004.43	1004.52	1004.57	1004.59	1004.60	1004.59	1004.58	1004.61	1004.52
	5	1004.63	1004.62	1004.63	1004.69	1004.77	1004.84	1004.91	1004.96	1004.98	1004.95	1004.97	1005.05	1004.83
	6	1005.10	1005.15	1005.15	1005.14	1005.15	1005.17	1005.23	1005.32	1005.40	1005.47	1005.57	1005.66	1005.29
	7	1005.69	1005.71	1005.75	1005.77	1005.82	1005.83	1005.81	1005.83	1005.88	1005.96	1006.07	1006.16	1005.85
	8	1006.17	1006.17	1006.22	1006.30	1006.36	1006.45	1006.48	1006.43	1006.40	1006.48	1006.56	1006.55	1006.38
	9	1006.49	1006.47	1006.53	1006.56	1006.59	1006.71	1006.78	1006.79	1006.80	1006.79	1006.75	1006.69	1006.66
	10	1006.70	1006.72	1006.70	1006.68	1006.67	1006.65	1006.63	1006.60	1006.56	1006.50	1006.47	1006.45	1006.61
	11	1006.37	1006.33	1006.32	1006.30	1006.29	1006.27	1006.25	1006.25	1006.25	1006.29	1006.34	1006.32	1006.30
	12	1006.34	1006.33	1006.25	1006.18	1006.09	1006.05	1006.03	1006.03	1006.03	1006.02	1006.04	1006.04	1006.12
	13	1006.02	1005.99	1006.00	1005.99	1006.00	1006.07	1006.13	1006.20	1006.27	1006.31	1006.35	1006.39	1006.14
	14	1006.44	1006.47	1006.49	1006.53	1006.56	1006.56	1006.56	1006.57	1006.59	1006.59	1006.57	1006.59	1006.54
	15	1006.65	1006.73	1006.78	1006.80	1006.77	1006.78	1006.82	1006.84	1006.90	1006.96	1006.96	1006.96	1006.83
	16	1007.00	1007.04	1007.02	1006.96	1007.01	1007.01	1006.96	1007.00	1006.98	1006.93	1006.93	1006.94	1006.98
	17	1006.96	1006.99	1007.00	1006.98	1006.92	1006.89	1006.88	1006.84	1006.81	1006.79	1006.79	1006.78	1006.88
	18	1006.78	1006.80	1006.84	1006.87	1006.89	1006.88	1006.83	1006.81	1006.84	1006.87	1006.81	1006.75	1006.83
	19	1006.72	1006.69	1006.67	1006.66	1006.64	1006.62	1006.64	1006.70	1006.71	1006.68	1006.68	1006.65	1006.67
	20	1006.61	1006.58	1006.53	1006.51	1006.47	1006.41	1006.39	1006.33	1006.30	1006.27	1006.24	1006.30	1006.41
	21	1006.34	1006.28	1006.17	1006.13	1006.06	1005.96	1005.90	1005.85	1005.84	1005.87	1005.83	1005.76	1006.00
	22	1005.69	1005.59	1005.49	1005.36	1005.25	1005.17	1005.06	1004.99	1004.97	1005.02	1005.07	1004.99	1005.22
	23	1004.88	1004.85	1004.82	1004.82	1004.72	1004.57	1004.47	1004.38	1004.35	1004.32	1004.30	1004.27	1004.56
8	0	1004.13	1004.06	1003.95	1003.82	1003.76	1003.79	1003.77	1003.82	1003.87	1003.79	1003.64	1003.50	1003.81
	1	1003.40	1003.33	1003.27	1003.18	1003.06	1002.83	1002.62	1002.64	1002.80	1002.89	1002.85	1002.69	1002.96
	2	1002.48	1002.37	1002.34	1002.29	1002.15	1001.98	1001.86	1001.74	1001.64	1001.56	1001.45	1001.38	1001.94
	3	1001.31	1001.25	1001.19	1001.09	1001.02	1000.94	1000.81	1000.71	1000.68	1000.61	1000.56	1000.57	1000.89
	4	1000.57	1000.58	1000.66	1000.69	1000.60	1000.56	1000.53	1000.48	1000.44	1000.41	1000.38	1000.35	1000.52
	5	1000.30	1000.22	1000.14	1000.09	1000.11	1000.11	1000.11	1000.22	1000.25	1000.10	999.96	999.85	1000.12
	6	999.99	1000.04	999.89	999.82	999.73	999.64	999.48	999.40	999.40	999.35	999.28	999.21	999.60
	7	999.20	999.20	999.16	999.09	999.07	999.04	998.99	998.95	998.99	999.02	999.00	999.02	999.06
	8	999.04	999.07	999.11	999.16	999.24	999.33	999.40	999.42	999.37	999.28	999.14	999.08	999.22
	9	999.34	999.57	999.53	999.52	999.42	999.28	999.26	999.26	999.22	999.14	999.04	998.95	999.29
	10	998.92	998.88	998.80	998.75	998.73	998.68	998.66	998.58	998.41	998.28	998.18	998.21	998.59
	11	998.22	998.13	998.10	998.12	998.04	997.92	997.93	998.10	998.45	998.55	998.38	998.40	998.19
	12	998.44	998.29	998.23	998.23	998.07	997.94	997.93	997.95	997.93	997.95	997.99	997.96	998.07
	13	997.90	997.82	997.75	997.73	997.83	997.96	998.01	998.00	998.04	998.12	998.18	998.22	997.96
	14	998.27	998.39	998.50	998.54	998.52	998.42	998.40	998.47	998.49	998.50	998.53	998.46	998.46
	15	998.37	998.42	998.55	998.59	998.58	998.58	998.55	998.51	998.54	998.60	998.59	998.52	998.53
	16	998.52	998.54	998.53	998.57	998.50	998.39	998.36	998.42	998.49	998.45	998.47	998.49	998.48
	17	998.42	998.33	998.19	998.07	998.11	998.17	998.13	998.10	998.07	998.01	997.94	997.84	998.11
	18	997.72	997.55	997.40	997.35	997.76	998.12	997.93	997.65	997.47	997.42	997.43	997.46	997.60
	19	997.50	997.54	997.65	997.69	997.64	997.62	997.69	997.76	997.71	997.57	997.44	997.46	997.61
	20	997.53	997.58	997.61	997.51	997.29	997.15	997.11	997.02	996.87	996.75	996.76	996.88	997.17
	21	996.90	996.87	996.68	996.51	996.53	996.49	996.53	996.70	996.78	996.75	996.77	996.91	996.70
	22	997.05	997.14	997.24	997.33	997.41	997.49	997.59	997.64	997.72	997.85	997.94	998.03	997.53
	23	998.10	998.13	998.14	998.16	998.17	998.22	998.27	998.24	998.19	998.14	998.15	998.15	998.17

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	998.08	998.09	998.07	998.06	998.03	998.01	998.07	998.13	998.14	998.18	998.23	998.25	998.11
	1	998.33	998.38	998.32	998.23	998.17	998.11	998.09	998.08	998.01	997.92	997.85	997.85	998.11
	2	997.84	997.83	997.82	997.75	997.73	997.73	997.75	997.78	997.77	997.76	997.78	997.81	997.78
	3	997.81	997.82	997.86	997.90	997.98	998.05	998.08	998.11	998.22	998.40	998.48	998.50	998.10
	4	998.57	998.64	998.67	998.70	998.69	998.63	998.59	998.61	998.68	998.71	998.73	998.76	998.66
	5	998.75	998.74	998.76	998.82	998.93	999.02	999.11	999.19	999.25	999.27	999.25	999.23	999.02
	6	999.22	999.26	999.33	999.37	999.36	999.33	999.37	999.42	999.47	999.54	999.55	999.57	999.40
	7	999.55	999.54	999.56	999.60	999.67	999.69	999.66	999.68	999.74	999.78	999.85	999.93	999.69
	8	999.99	1000.02	1000.02	1000.02	1000.02	1000.07	1000.09	1000.11	1000.20	1000.28	1000.34	1000.43	1000.13
	9	1000.53	1000.63	1000.70	1000.75	1000.82	1000.86	1000.81	1000.74	1000.75	1000.72	1000.66	1000.64	1000.72
	10	1000.63	1000.66	1000.67	1000.65	1000.66	1000.70	1000.71	1000.66	1000.61	1000.62	1000.65	1000.66	1000.65
	11	1000.64	1000.63	1000.59	1000.52	1000.53	1000.55	1000.51	1000.45	1000.37	1000.30	1000.29	1000.33	1000.47
	12	1000.37	1000.35	1000.34	1000.35	1000.31	1000.29	1000.32	1000.38	1000.45	1000.46	1000.42	1000.42	1000.37
	13	1000.45	1000.44	1000.46	1000.52	1000.53	1000.58	1000.66	1000.72	1000.78	1000.84	1000.94	1000.98	1000.66
	14	1000.93	1000.89	1000.87	1000.88	1000.87	1000.85	1000.83	1000.86	1000.94	1001.01	1001.08	1001.13	1000.93
	15	1001.17	1001.19	1001.23	1001.27	1001.24	1001.20	1001.18	1001.15	1001.18	1001.25	1001.27	1001.28	1001.21
	16	1001.29	1001.32	1001.39	1001.44	1001.50	1001.55	1001.64	1001.68	1001.67	1001.67	1001.66	1001.69	1001.54
	17	1001.77	1001.86	1001.93	1002.04	1002.10	1002.12	1002.18	1002.27	1002.31	1002.35	1002.42	1002.49	1002.15
	18	1002.48	1002.43	1002.45	1002.49	1002.52	1002.57	1002.60	1002.61	1002.64	1002.70	1002.79	1002.87	1002.60
	19	1002.93	1002.92	1002.91	1002.96	1002.96	1002.97	1003.05	1003.11	1003.17	1003.26	1003.34	1003.38	1003.08
	20	1003.38	1003.37	1003.39	1003.44	1003.45	1003.47	1003.50	1003.52	1003.60	1003.65	1003.70	1003.79	1003.52
	21	1003.88	1003.93	1003.87	1003.82	1003.86	1003.94	1004.00	1004.02	1004.06	1004.11	1004.13	1004.14	1003.98
	22	1004.13	1004.18	1004.25	1004.23	1004.17	1004.14	1004.13	1004.13	1004.11	1004.07	1004.05	1004.05	1004.13
	23	1004.03	1004.04	1004.03	1004.03	1004.10	1004.14	1004.16	1004.15	1004.12	1004.08	1004.04	1004.01	1004.07
10	0	1003.93	1003.92	1003.89	1003.89	1003.89	1003.92	1003.96	1003.98	1003.99	1004.02	1004.04	1004.08	1003.96
	1	1004.14	1004.17	1004.18	1004.21	1004.32	1004.36	1004.38	1004.42	1004.38	1004.28	1004.16	1004.08	1004.25
	2	1004.05	1004.09	1004.11	1004.11	1004.18	1004.25	1004.32	1004.36	1004.36	1004.32	1004.19	1004.07	1004.20
	3	1003.93	1003.82	1003.79	1003.76	1003.72	1003.62	1003.51	1003.47	1003.48	1003.51	1003.48	1003.43	1003.62
	4	1003.46	1003.58	1003.66	1003.66	1003.62	1003.52	1003.42	1003.37	1003.37	1003.39	1003.43	1003.43	1003.49
	5	1003.45	1003.47	1003.48	1003.52	1003.55	1003.58	1003.58	1003.55	1003.58	1003.63	1003.70	1003.70	1003.56
	6	1003.65	1003.61	1003.58	1003.59	1003.61	1003.66	1003.76	1003.84	1003.84	1003.84	1003.89	1003.91	1003.73
	7	1003.88	1003.86	1003.84	1003.87	1003.90	1003.92	1003.95	1003.96	1003.98	1004.02	1004.02	1004.02	1003.93
	8	1004.04	1004.08	1004.10	1004.09	1004.09	1004.13	1004.19	1004.23	1004.24	1004.24	1004.21	1004.20	1004.15
	9	1004.26	1004.33	1004.35	1004.37	1004.40	1004.41	1004.37	1004.31	1004.26	1004.21	1004.16	1004.14	1004.30
	10	1004.12	1004.11	1004.11	1004.04	1003.93	1003.82	1003.70	1003.58	1003.50	1003.50	1003.53	1003.52	1003.79
	11	1003.49	1003.46	1003.47	1003.49	1003.51	1003.50	1003.51	1003.53	1003.49	1003.44	1003.42	1003.39	1003.47
	12	1003.31	1003.22	1003.16	1003.14	1003.16	1003.19	1003.25	1003.29	1003.30	1003.30	1003.29	1003.27	1003.24
	13	1003.25	1003.23	1003.22	1003.21	1003.20	1003.20	1003.17	1003.16	1003.20	1003.24	1003.27	1003.28	1003.22
	14	1003.28	1003.26	1003.23	1003.21	1003.18	1003.16	1003.16	1003.19	1003.21	1003.26	1003.28	1003.24	1003.22
	15	1003.22	1003.24	1003.29	1003.33	1003.32	1003.32	1003.35	1003.37	1003.39	1003.41	1003.44	1003.46	1003.34
	16	1003.44	1003.39	1003.37	1003.38	1003.40	1003.41	1003.39	1003.38	1003.40	1003.45	1003.51	1003.54	1003.42
	17	1003.56	1003.58	1003.59	1003.62	1003.63	1003.63	1003.61	1003.61	1003.62	1003.59	1003.58	1003.57	1003.60
	18	1003.58	1003.63	1003.68	1003.70	1003.73	1003.77	1003.78	1003.80	1003.83	1003.79	1003.71	1003.72	1003.72
	19	1003.81	1003.89	1003.94	1004.00	1004.17	1004.29	1004.24	1004.15	1004.11	1004.11	1004.15	1004.18	1004.09
	20	1004.16	1004.13	1004.10	1004.07	1004.07	1004.10	1004.11	1004.10	1004.11	1004.12	1004.14	1004.19	1004.11
	21	1004.20	1004.17	1004.13	1004.12	1004.14	1004.17	1004.21	1004.23	1004.24	1004.24	1004.27	1004.33	1004.20
	22	1004.37	1004.41	1004.46	1004.49	1004.50	1004.51	1004.52	1004.50	1004.47	1004.46	1004.44	1004.43	1004.46
	23	1004.42	1004.40	1004.36	1004.33	1004.30	1004.26	1004.22	1004.19	1004.18	1004.18	1004.17	1004.18	1004.26

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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
11	0	1004.19	1004.21	1004.22	1004.25	1004.27	1004.28	1004.28	1004.27	1004.27	1004.29	1004.30	1004.32	1004.26
	1	1004.34	1004.35	1004.34	1004.33	1004.32	1004.31	1004.32	1004.33	1004.33	1004.34	1004.31	1004.28	1004.32
	2	1004.27	1004.27	1004.26	1004.24	1004.24	1004.24	1004.20	1004.17	1004.15	1004.11	1004.10	1004.13	1004.20
	3	1004.11	1004.06	1004.07	1004.10	1004.10	1004.08	1004.07	1004.06	1004.00	1003.96	1003.96	1003.92	1004.04
	4	1003.87	1003.85	1003.83	1003.77	1003.72	1003.67	1003.60	1003.58	1003.59	1003.54	1003.46	1003.46	1003.66
	5	1003.51	1003.53	1003.61	1003.69	1003.67	1003.68	1003.75	1003.80	1003.87	1003.93	1003.95	1003.94	1003.74
	6	1003.86	1003.78	1003.84	1003.99	1004.06	1004.04	1003.98	1003.93	1003.93	1004.02	1004.14	1004.22	1003.98
	7	1004.26	1004.33	1004.43	1004.49	1004.54	1004.56	1004.54	1004.52	1004.54	1004.58	1004.60	1004.59	1004.50
	8	1004.56	1004.52	1004.51	1004.48	1004.44	1004.42	1004.41	1004.43	1004.45	1004.47	1004.47	1004.42	1004.46
	9	1004.35	1004.28	1004.30	1004.37	1004.36	1004.29	1004.21	1004.16	1004.09	1004.01	1003.97	1003.97	1004.19
	10	1003.92	1003.85	1003.77	1003.68	1003.62	1003.58	1003.51	1003.45	1003.44	1003.39	1003.33	1003.29	1003.57
	11	1003.26	1003.21	1003.15	1003.10	1003.03	1002.94	1002.86	1002.83	1002.81	1002.78	1002.74	1002.72	1002.95
	12	1002.70	1002.60	1002.50	1002.46	1002.48	1002.49	1002.44	1002.38	1002.35	1002.38	1002.42	1002.40	1002.46
	13	1002.34	1002.30	1002.27	1002.24	1002.23	1002.21	1002.18	1002.17	1002.21	1002.23	1002.23	1002.20	1002.23
	14	1002.17	1002.17	1002.15	1002.12	1002.12	1002.15	1002.18	1002.17	1002.14	1002.13	1002.12	1002.07	1002.14
	15	1002.02	1002.01	1002.01	1001.97	1001.96	1001.97	1001.96	1001.93	1001.90	1001.88	1001.87	1001.85	1001.94
	16	1001.82	1001.80	1001.80	1001.78	1001.73	1001.73	1001.74	1001.71	1001.67	1001.66	1001.64	1001.61	1001.72
	17	1001.59	1001.56	1001.52	1001.48	1001.43	1001.39	1001.36	1001.40	1001.48	1001.57	1001.67	1001.71	1001.51
	18	1001.73	1001.75	1001.79	1001.85	1001.88	1001.84	1001.76	1001.70	1001.66	1001.59	1001.55	1001.58	1001.72
	19	1001.64	1001.68	1001.69	1001.66	1001.62	1001.56	1001.49	1001.45	1001.42	1001.40	1001.39	1001.37	1001.53
	20	1001.35	1001.30	1001.26	1001.24	1001.23	1001.27	1001.33	1001.34	1001.35	1001.39	1001.39	1001.30	1001.31
	21	1001.19	1001.13	1001.09	1001.04	1000.98	1000.91	1000.86	1000.83	1000.82	1000.86	1000.90	1000.97	1000.96
	22	1001.04	1001.07	1001.10	1001.12	1001.12	1001.13	1001.16	1001.17	1001.16	1001.13	1001.03	1000.96	1001.10
	23	1000.98	1001.04	1001.08	1001.10	1001.10	1001.06	1001.05	1001.05	1001.05	1001.06	1001.05	1001.00	1001.05
12	0	1000.89	1000.89	1000.91	1000.93	1000.88	1000.80	1000.76	1000.75	1000.74	1000.74	1000.73	1000.72	1000.81
	1	1000.71	1000.72	1000.74	1000.70	1000.67	1000.65	1000.58	1000.52	1000.47	1000.42	1000.38	1000.31	1000.57
	2	1000.21	1000.11	1000.02	999.93	999.89	999.85	999.83	999.82	999.76	999.66	999.59	999.58	999.85
	3	999.57	999.53	999.51	999.48	999.47	999.47	999.42	999.36	999.35	999.37	999.40	999.40	999.44
	4	999.36	999.34	999.31	999.29	999.28	999.28	999.27	999.27	999.31	999.37	999.41	999.41	999.32
	5	999.40	999.37	999.34	999.33	999.36	999.37	999.32	999.30	999.29	999.26	999.24	999.20	999.31
	6	999.18	999.17	999.12	999.09	999.10	999.12	999.15	999.17	999.14	999.09	999.07	999.06	999.12
	7	999.05	999.04	999.03	999.03	999.03	998.98	998.97	998.98	998.96	998.94	998.95	998.95	998.99
	8	998.91	998.91	998.95	998.93	998.89	998.87	998.86	998.88	998.91	998.91	998.91	998.90	998.90
	9	998.89	998.88	998.85	998.78	998.72	998.66	998.62	998.61	998.57	998.51	998.47	998.35	998.66
	10	998.21	998.12	998.07	998.02	997.94	997.87	997.81	997.79	997.77	997.74	997.68	997.60	997.88
	11	997.56	997.53	997.46	997.39	997.33	997.30	997.27	997.19	997.11	997.10	997.09	997.07	997.28
	12	997.09	997.08	997.02	996.98	996.97	997.00	997.03	997.04	997.02	996.98	996.95	996.93	997.00
	13	996.92	996.93	996.94	996.94	996.96	996.95	996.91	996.89	996.91	996.96	996.98	997.00	996.94
	14	997.05	997.08	997.09	997.08	997.07	997.06	997.10	997.13	997.14	997.16	997.19	997.20	997.11
	15	997.22	997.26	997.30	997.33	997.36	997.40	997.45	997.51	997.56	997.60	997.64	997.68	997.44
	16	997.73	997.80	997.90	997.99	998.06	998.11	998.14	998.16	998.18	998.22	998.26	998.31	998.07
	17	998.38	998.44	998.46	998.46	998.46	998.49	998.53	998.60	998.64	998.66	998.69	998.71	998.54
	18	998.74	998.81	998.90	998.99	999.04	999.08	999.16	999.24	999.27	999.28	999.29	999.31	999.09
	19	999.32	999.33	999.34	999.33	999.36	999.38	999.37	999.41	999.48	999.52	999.57	999.60	999.42
	20	999.65	999.73	999.78	999.79	999.80	999.81	999.82	999.86	999.92	1000.00	1000.06	1000.10	999.86
	21	1000.14	1000.16	1000.17	1000.19	1000.24	1000.32	1000.37	1000.41	1000.49	1000.55	1000.60	1000.65	1000.35
	22	1000.68	1000.69	1000.70	1000.71	1000.71	1000.71	1000.70	1000.69	1000.68	1000.67	1000.68	1000.73	1000.69
	23	1000.80	1000.84	1000.85	1000.85	1000.86	1000.86	1000.87	1000.89	1000.92	1001.00	1001.07	1001.08	1000.91

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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	1001.06	1001.05	1001.03	1001.03	1001.05	1001.11	1001.17	1001.19	1001.21	1001.25	1001.31	1001.35	1001.15
	1	1001.40	1001.48	1001.55	1001.61	1001.66	1001.70	1001.72	1001.73	1001.75	1001.78	1001.79	1001.79	1001.66
	2	1001.80	1001.79	1001.81	1001.91	1001.96	1001.93	1001.91	1001.92	1001.92	1001.93	1001.97	1002.00	1001.90
	3	1002.03	1002.03	1002.03	1002.05	1002.02	1002.03	1002.09	1002.14	1002.15	1002.15	1002.16	1002.17	1002.09
	4	1002.19	1002.26	1002.33	1002.37	1002.45	1002.58	1002.69	1002.74	1002.77	1002.83	1002.92	1003.02	1002.59
	5	1003.12	1003.15	1003.16	1003.19	1003.22	1003.25	1003.28	1003.29	1003.29	1003.31	1003.35	1003.39	1003.25
	6	1003.45	1003.49	1003.54	1003.59	1003.62	1003.66	1003.70	1003.75	1003.81	1003.91	1004.01	1004.09	1003.72
	7	1004.13	1004.15	1004.22	1004.30	1004.39	1004.49	1004.55	1004.57	1004.61	1004.70	1004.80	1004.86	1004.48
	8	1004.92	1005.01	1005.07	1005.10	1005.14	1005.22	1005.28	1005.36	1005.48	1005.61	1005.67	1005.68	1005.29
	9	1005.69	1005.73	1005.78	1005.85	1005.90	1005.91	1005.91	1005.95	1005.97	1005.97	1006.00	1006.03	1005.89
	10	1006.03	1005.98	1006.00	1006.06	1006.05	1006.02	1006.03	1006.01	1005.99	1005.95	1005.88	1005.83	1005.98
	11	1005.82	1005.80	1005.77	1005.78	1005.80	1005.79	1005.74	1005.67	1005.66	1005.67	1005.62	1005.56	1005.72
	12	1005.53	1005.53	1005.51	1005.49	1005.49	1005.48	1005.46	1005.47	1005.52	1005.55	1005.55	1005.53	1005.51
	13	1005.55	1005.62	1005.70	1005.71	1005.70	1005.73	1005.77	1005.81	1005.83	1005.85	1005.87	1005.90	1005.75
	14	1005.94	1005.98	1006.04	1006.14	1006.21	1006.24	1006.26	1006.30	1006.40	1006.56	1006.67	1006.73	1006.29
	15	1006.74	1006.75	1006.82	1006.89	1006.98	1007.05	1007.09	1007.16	1007.25	1007.30	1007.33	1007.40	1007.06
	16	1007.49	1007.54	1007.59	1007.66	1007.70	1007.73	1007.76	1007.78	1007.84	1007.92	1007.99	1008.07	1007.75
	17	1008.14	1008.21	1008.26	1008.34	1008.51	1008.61	1008.66	1008.70	1008.73	1008.80	1008.89	1008.99	1008.57
	18	1009.06	1009.13	1009.23	1009.30	1009.36	1009.40	1009.44	1009.53	1009.63	1009.70	1009.76	1009.83	1009.44
	19	1009.90	1009.95	1009.99	1010.04	1010.07	1010.07	1010.07	1010.05	1010.04	1010.01	1010.01	1010.06	1010.02
	20	1010.14	1010.21	1010.25	1010.30	1010.33	1010.37	1010.46	1010.58	1010.65	1010.68	1010.72	1010.76	1010.45
	21	1010.82	1010.85	1010.83	1010.85	1010.91	1010.99	1011.07	1011.15	1011.18	1011.19	1011.21	1011.25	1011.02
	22	1011.29	1011.31	1011.32	1011.31	1011.31	1011.34	1011.35	1011.35	1011.41	1011.47	1011.52	1011.58	1011.38
	23	1011.65	1011.69	1011.72	1011.72	1011.70	1011.69	1011.70	1011.73	1011.80	1011.87	1011.90	1011.95	1011.76
14	0	1012.10	1012.11	1012.13	1012.13	1012.10	1012.11	1012.20	1012.30	1012.40	1012.44	1012.42	1012.43	1012.25
	1	1012.50	1012.59	1012.67	1012.69	1012.71	1012.72	1012.69	1012.69	1012.72	1012.74	1012.77	1012.83	1012.69
	2	1012.89	1012.93	1012.94	1012.95	1012.96	1012.94	1012.92	1012.92	1012.92	1012.94	1012.96	1012.99	1012.94
	3	1013.02	1013.01	1013.00	1013.07	1013.17	1013.22	1013.29	1013.36	1013.40	1013.41	1013.44	1013.51	1013.24
	4	1013.57	1013.60	1013.63	1013.65	1013.68	1013.75	1013.83	1013.86	1013.86	1013.89	1013.96	1014.06	1013.78
	5	1014.13	1014.16	1014.19	1014.22	1014.24	1014.28	1014.31	1014.32	1014.33	1014.34	1014.38	1014.42	1014.28
	6	1014.49	1014.56	1014.63	1014.73	1014.79	1014.81	1014.84	1014.90	1014.99	1015.07	1015.13	1015.15	1014.84
	7	1015.15	1015.14	1015.15	1015.16	1015.19	1015.21	1015.22	1015.24	1015.31	1015.37	1015.43	1015.46	1015.25
	8	1015.46	1015.47	1015.50	1015.55	1015.60	1015.65	1015.71	1015.77	1015.84	1015.93	1016.02	1016.08	1015.72
	9	1016.11	1016.12	1016.13	1016.14	1016.13	1016.10	1016.05	1016.01	1015.98	1015.96	1015.94	1015.91	1016.05
	10	1015.88	1015.85	1015.83	1015.78	1015.74	1015.71	1015.70	1015.70	1015.69	1015.67	1015.62	1015.54	1015.73
	11	1015.45	1015.38	1015.32	1015.24	1015.14	1015.07	1015.00	1014.92	1014.87	1014.85	1014.82	1014.81	1015.07
	12	1014.81	1014.79	1014.76	1014.73	1014.74	1014.73	1014.69	1014.64	1014.59	1014.56	1014.56	1014.55	1014.68
	13	1014.52	1014.50	1014.46	1014.41	1014.37	1014.34	1014.34	1014.37	1014.41	1014.44	1014.44	1014.43	1014.42
	14	1014.44	1014.45	1014.45	1014.46	1014.48	1014.50	1014.52	1014.55	1014.57	1014.58	1014.62	1014.67	1014.52
	15	1014.70	1014.74	1014.80	1014.85	1014.86	1014.87	1014.87	1014.87	1014.87	1014.86	1014.86	1014.88	1014.83
	16	1014.88	1014.87	1014.90	1014.95	1015.01	1015.07	1015.11	1015.16	1015.20	1015.25	1015.32	1015.39	1015.09
	17	1015.43	1015.50	1015.56	1015.60	1015.61	1015.58	1015.57	1015.58	1015.59	1015.62	1015.69	1015.73	1015.59
	18	1015.73	1015.72	1015.71	1015.68	1015.64	1015.63	1015.65	1015.68	1015.75	1015.82	1015.90	1015.96	1015.74
	19	1016.00	1016.04	1016.03	1015.98	1015.98	1016.01	1016.00	1015.95	1015.89	1015.83	1015.80	1015.83	1015.94
	20	1015.89	1015.92	1015.93	1015.93	1015.92	1015.94	1015.98	1015.99	1016.03	1016.14	1016.25	1016.33	1016.02
	21	1016.40	1016.43	1016.40	1016.34	1016.28	1016.26	1016.25	1016.26	1016.32	1016.38	1016.39	1016.44	1016.35
	22	1016.57	1016.70	1016.80	1016.83	1016.83	1016.85	1016.86	1016.88	1016.88	1016.91	1016.95	1016.95	1016.83
	23	1016.94	1016.91	1016.88	1016.88	1016.87	1016.84	1016.82	1016.80	1016.74	1016.73	1016.76	1016.75	1016.83

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
15	0	1016.71	1016.70	1016.71	1016.74	1016.76	1016.80	1016.85	1016.88	1016.90	1016.94	1016.94	1016.97	1016.83
	1	1017.00	1017.01	1016.99	1017.00	1017.01	1017.02	1017.03	1017.04	1017.05	1017.08	1017.11	1017.13	1017.04
	2	1017.14	1017.16	1017.16	1017.20	1017.21	1017.20	1017.22	1017.24	1017.24	1017.24	1017.23	1017.21	1017.20
	3	1017.20	1017.16	1017.15	1017.19	1017.24	1017.29	1017.33	1017.37	1017.40	1017.44	1017.44	1017.42	1017.30
	4	1017.42	1017.47	1017.52	1017.53	1017.55	1017.57	1017.59	1017.64	1017.67	1017.70	1017.74	1017.76	1017.60
	5	1017.75	1017.73	1017.69	1017.62	1017.57	1017.55	1017.59	1017.63	1017.61	1017.59	1017.65	1017.71	1017.64
	6	1017.76	1017.81	1017.86	1017.89	1017.88	1017.85	1017.85	1017.85	1017.86	1017.87	1017.91	1017.98	1017.86
	7	1018.02	1018.05	1018.03	1018.06	1018.17	1018.28	1018.37	1018.44	1018.50	1018.52	1018.56	1018.65	1018.30
	8	1018.74	1018.85	1018.94	1019.00	1019.02	1019.04	1019.05	1019.07	1019.12	1019.17	1019.25	1019.38	1019.05
	9	1019.47	1019.52	1019.60	1019.66	1019.69	1019.71	1019.74	1019.76	1019.80	1019.81	1019.77	1019.79	1019.69
	10	1019.85	1019.92	1019.96	1019.96	1019.94	1019.91	1019.88	1019.84	1019.78	1019.74	1019.76	1019.78	1019.86
	11	1019.77	1019.75	1019.72	1019.67	1019.61	1019.57	1019.48	1019.37	1019.25	1019.17	1019.13	1019.09	1019.46
	12	1019.05	1019.02	1019.01	1019.00	1018.97	1018.88	1018.80	1018.73	1018.61	1018.48	1018.43	1018.50	1018.79
	13	1018.56	1018.55	1018.54	1018.60	1018.66	1018.65	1018.61	1018.60	1018.62	1018.63	1018.67	1018.74	1018.62
	14	1018.79	1018.79	1018.77	1018.76	1018.75	1018.78	1018.82	1018.82	1018.85	1018.90	1018.92	1018.93	1018.82
	15	1018.94	1018.95	1018.95	1018.93	1018.93	1018.92	1018.95	1019.02	1019.07	1019.12	1019.17	1019.21	1019.01
	16	1019.24	1019.25	1019.24	1019.27	1019.32	1019.35	1019.34	1019.33	1019.33	1019.35	1019.38	1019.38	1019.31
	17	1019.39	1019.41	1019.44	1019.45	1019.47	1019.51	1019.56	1019.60	1019.68	1019.76	1019.81	1019.86	1019.58
	18	1019.89	1019.88	1019.87	1019.87	1019.87	1019.89	1019.89	1019.91	1019.94	1019.97	1020.00	1020.02	1019.92
	19	1020.03	1020.02	1020.03	1020.05	1020.08	1020.13	1020.13	1020.11	1020.15	1020.19	1020.20	1020.23	1020.11
	20	1020.29	1020.33	1020.34	1020.32	1020.33	1020.39	1020.39	1020.35	1020.37	1020.41	1020.42	1020.43	1020.36
	21	1020.47	1020.50	1020.52	1020.58	1020.65	1020.64	1020.59	1020.60	1020.66	1020.72	1020.76	1020.79	1020.62
	22	1020.81	1020.83	1020.87	1020.91	1020.94	1020.95	1020.94	1020.94	1020.95	1020.97	1021.00	1020.99	1020.93
	23	1020.94	1020.89	1020.87	1020.89	1020.94	1020.99	1021.00	1021.00	1020.98	1020.98	1021.00	1020.96	1020.95
16	0	1020.93	1020.96	1020.97	1020.95	1020.93	1020.94	1020.96	1020.96	1020.93	1020.84	1020.76	1020.75	1020.91
	1	1020.76	1020.76	1020.77	1020.81	1020.86	1020.97	1020.99	1020.95	1020.95	1020.96	1020.96	1020.99	1020.89
	2	1021.03	1021.07	1021.08	1021.08	1021.05	1021.06	1021.11	1021.20	1021.24	1021.23	1021.22	1021.24	1021.13
	3	1021.28	1021.30	1021.32	1021.31	1021.26	1021.23	1021.23	1021.26	1021.29	1021.27	1021.25	1021.24	1021.27
	4	1021.23	1021.22	1021.15	1021.07	1021.07	1021.12	1021.17	1021.22	1021.26	1021.34	1021.43	1021.47	1021.23
	5	1021.44	1021.35	1021.24	1021.26	1021.41	1021.50	1021.57	1021.58	1021.57	1021.64	1021.74	1021.85	1021.51
	6	1021.97	1022.05	1022.09	1022.13	1022.12	1022.07	1022.07	1022.10	1022.11	1022.11	1022.09	1022.11	1022.08
	7	1022.15	1022.17	1022.23	1022.31	1022.36	1022.41	1022.41	1022.44	1022.49	1022.53	1022.56	1022.60	1022.39
	8	1022.66	1022.70	1022.72	1022.71	1022.71	1022.72	1022.73	1022.74	1022.75	1022.77	1022.79	1022.81	1022.73
	9	1022.84	1022.86	1022.87	1022.84	1022.82	1022.81	1022.77	1022.70	1022.66	1022.63	1022.58	1022.54	1022.74
	10	1022.49	1022.39	1022.29	1022.22	1022.18	1022.17	1022.18	1022.18	1022.14	1022.10	1022.10	1022.10	1022.21
	11	1022.06	1022.03	1021.97	1021.88	1021.84	1021.83	1021.84	1021.84	1021.82	1021.77	1021.70	1021.65	1021.85
	12	1021.66	1021.69	1021.68	1021.63	1021.58	1021.58	1021.61	1021.62	1021.61	1021.63	1021.68	1021.69	1021.64
	13	1021.69	1021.70	1021.71	1021.70	1021.68	1021.67	1021.67	1021.66	1021.65	1021.66	1021.67	1021.67	1021.68
	14	1021.66	1021.67	1021.66	1021.66	1021.70	1021.78	1021.82	1021.83	1021.82	1021.83	1021.87	1021.93	1021.77
	15	1021.99	1022.04	1022.06	1022.07	1022.08	1022.14	1022.22	1022.29	1022.37	1022.47	1022.52	1022.56	1022.23
	16	1022.59	1022.59	1022.59	1022.58	1022.57	1022.57	1022.58	1022.59	1022.63	1022.69	1022.71	1022.70	1022.61
	17	1022.69	1022.72	1022.76	1022.77	1022.81	1022.86	1022.89	1022.93	1022.94	1022.95	1022.95	1022.94	1022.85
	18	1022.94	1022.95	1022.98	1023.04	1023.10	1023.12	1023.12	1023.13	1023.17	1023.20	1023.24	1023.25	1023.10
	19	1023.25	1023.26	1023.26	1023.25	1023.24	1023.26	1023.29	1023.34	1023.40	1023.42	1023.43	1023.45	1023.32
	20	1023.48	1023.50	1023.49	1023.49	1023.52	1023.55	1023.57	1023.56	1023.54	1023.53	1023.55	1023.59	1023.53
	21	1023.61	1023.62	1023.64	1023.63	1023.63	1023.67	1023.73	1023.77	1023.78	1023.81	1023.86	1023.88	1023.72
	22	1023.87	1023.86	1023.85	1023.85	1023.86	1023.90	1023.93	1023.94	1023.95	1023.95	1023.94	1023.89	1023.90
	23	1023.85	1023.84	1023.87	1023.91	1023.94	1023.97	1024.01	1024.02	1023.99	1023.95	1023.93	1023.92	1023.93

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
17	0	1023.93	1023.92	1023.90	1023.90	1023.92	1023.94	1023.96	1023.98	1024.00	1024.00	1024.02	1024.06	1023.96
	1	1024.12	1024.16	1024.20	1024.25	1024.31	1024.33	1024.33	1024.33	1024.34	1024.33	1024.30	1024.24	1024.27
	2	1024.19	1024.18	1024.21	1024.23	1024.22	1024.22	1024.22	1024.19	1024.16	1024.16	1024.18	1024.19	1024.20
	3	1024.20	1024.19	1024.16	1024.13	1024.08	1024.05	1024.00	1023.94	1023.94	1023.95	1023.96	1023.98	1024.05
	4	1024.00	1023.98	1023.95	1023.96	1023.97	1023.96	1023.97	1023.98	1023.98	1023.96	1023.93	1023.90	1023.96
	5	1023.90	1023.92	1023.96	1024.00	1024.03	1024.04	1024.05	1024.09	1024.13	1024.12	1024.14	1024.17	1024.04
	6	1024.18	1024.20	1024.24	1024.29	1024.32	1024.36	1024.41	1024.48	1024.54	1024.60	1024.62	1024.58	1024.40
	7	1024.59	1024.63	1024.65	1024.65	1024.66	1024.68	1024.67	1024.67	1024.68	1024.70	1024.70	1024.73	1024.67
	8	1024.79	1024.85	1024.89	1024.92	1024.95	1024.98	1025.02	1025.06	1025.09	1025.13	1025.15	1025.15	1025.00
	9	1025.14	1025.14	1025.13	1025.15	1025.16	1025.16	1025.17	1025.16	1025.15	1025.12	1025.10	1025.09	1025.14
	10	1025.07	1025.06	1025.04	1025.01	1025.01	1024.99	1024.95	1024.91	1024.87	1024.82	1024.78	1024.73	1024.94
	11	1024.67	1024.63	1024.59	1024.53	1024.47	1024.42	1024.36	1024.31	1024.27	1024.22	1024.17	1024.10	1024.40
	12	1024.02	1023.95	1023.90	1023.85	1023.82	1023.80	1023.77	1023.74	1023.72	1023.69	1023.66	1023.64	1023.80
	13	1023.64	1023.65	1023.66	1023.66	1023.67	1023.66	1023.67	1023.70	1023.73	1023.73	1023.74	1023.76	1023.69
	14	1023.78	1023.80	1023.81	1023.83	1023.84	1023.85	1023.90	1023.95	1024.00	1024.03	1024.06	1024.09	1023.91
	15	1024.10	1024.12	1024.15	1024.16	1024.15	1024.15	1024.16	1024.16	1024.16	1024.18	1024.21	1024.22	1024.16
	16	1024.24	1024.25	1024.26	1024.26	1024.25	1024.25	1024.29	1024.36	1024.41	1024.43	1024.44	1024.46	1024.32
	17	1024.49	1024.51	1024.55	1024.59	1024.60	1024.59	1024.58	1024.60	1024.62	1024.64	1024.67	1024.69	1024.59
	18	1024.70	1024.69	1024.69	1024.70	1024.71	1024.72	1024.74	1024.75	1024.78	1024.82	1024.81	1024.81	1024.74
	19	1024.83	1024.87	1024.92	1024.98	1025.02	1025.03	1025.03	1025.05	1025.05	1025.06	1025.09	1025.13	1025.00
	20	1025.16	1025.21	1025.26	1025.28	1025.28	1025.30	1025.37	1025.43	1025.45	1025.48	1025.51	1025.51	1025.35
	21	1025.49	1025.45	1025.41	1025.41	1025.40	1025.40	1025.42	1025.44	1025.47	1025.47	1025.47	1025.48	1025.44
	22	1025.48	1025.50	1025.52	1025.54	1025.56	1025.58	1025.58	1025.53	1025.48	1025.45	1025.44	1025.43	1025.51
	23	1025.41	1025.37	1025.33	1025.31	1025.31	1025.32	1025.31	1025.26	1025.22	1025.21	1025.22	1025.24	1025.29
18	0	1025.27	1025.28	1025.31	1025.34	1025.36	1025.37	1025.37	1025.36	1025.38	1025.42	1025.44	1025.46	1025.37
	1	1025.49	1025.49	1025.48	1025.48	1025.48	1025.48	1025.47	1025.46	1025.44	1025.42	1025.40	1025.40	1025.46
	2	1025.41	1025.42	1025.41	1025.38	1025.37	1025.38	1025.38	1025.37	1025.38	1025.40	1025.41	1025.41	1025.39
	3	1025.43	1025.42	1025.44	1025.47	1025.47	1025.46	1025.43	1025.43	1025.43	1025.43	1025.44	1025.45	1025.44
	4	1025.45	1025.43	1025.44	1025.46	1025.47	1025.47	1025.48	1025.48	1025.49	1025.49	1025.49	1025.49	1025.47
	5	1025.54	1025.59	1025.63	1025.67	1025.70	1025.71	1025.70	1025.70	1025.70	1025.71	1025.72	1025.73	1025.67
	6	1025.76	1025.78	1025.79	1025.79	1025.81	1025.83	1025.84	1025.85	1025.85	1025.86	1025.87	1025.87	1025.82
	7	1025.89	1025.89	1025.88	1025.87	1025.88	1025.88	1025.90	1025.93	1025.94	1025.91	1025.89	1025.88	1025.89
	8	1025.86	1025.86	1025.88	1025.90	1025.92	1025.94	1025.94	1025.96	1026.02	1026.07	1026.08	1026.09	1025.96
	9	1026.14	1026.18	1026.21	1026.24	1026.25	1026.25	1026.22	1026.15	1026.10	1026.06	1026.02	1025.98	1026.15
	10	1025.97	1025.96	1025.92	1025.87	1025.81	1025.76	1025.73	1025.69	1025.64	1025.57	1025.50	1025.46	1025.74
	11	1025.43	1025.39	1025.36	1025.31	1025.27	1025.25	1025.24	1025.21	1025.17	1025.13	1025.09	1025.05	1025.24
	12	1025.00	1024.96	1024.91	1024.87	1024.84	1024.79	1024.73	1024.65	1024.61	1024.59	1024.56	1024.52	1024.75
	13	1024.46	1024.43	1024.43	1024.41	1024.38	1024.39	1024.39	1024.36	1024.34	1024.35	1024.38	1024.40	1024.39
	14	1024.39	1024.39	1024.40	1024.42	1024.46	1024.50	1024.53	1024.54	1024.54	1024.53	1024.55	1024.58	1024.49
	15	1024.61	1024.62	1024.64	1024.67	1024.68	1024.70	1024.73	1024.75	1024.77	1024.78	1024.75	1024.72	1024.70
	16	1024.69	1024.71	1024.73	1024.77	1024.81	1024.80	1024.79	1024.79	1024.78	1024.78	1024.78	1024.78	1024.77
	17	1024.79	1024.82	1024.84	1024.87	1024.91	1024.95	1024.97	1024.96	1024.92	1024.90	1024.91	1024.93	1024.90
	18	1024.96	1024.98	1024.98	1024.95	1024.94	1024.93	1024.93	1024.92	1024.94	1024.97	1025.01	1025.03	1024.96
	19	1025.05	1025.09	1025.14	1025.15	1025.12	1025.12	1025.15	1025.18	1025.20	1025.22	1025.26	1025.27	1025.16
	20	1025.27	1025.28	1025.28	1025.28	1025.29	1025.31	1025.33	1025.34	1025.34	1025.35	1025.37	1025.37	1025.32
	21	1025.38	1025.40	1025.41	1025.41	1025.41	1025.39	1025.38	1025.41	1025.44	1025.43	1025.39	1025.35	1025.40
	22	1025.34	1025.34	1025.33	1025.32	1025.33	1025.33	1025.31	1025.29	1025.29	1025.32	1025.34	1025.33	1025.32
	23	1025.30	1025.29	1025.26	1025.23	1025.23	1025.25	1025.25	1025.24	1025.21	1025.18	1025.18	1025.20	1025.24

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
19	0	1025.24	1025.24	1025.22	1025.20	1025.19	1025.15	1025.10	1025.06	1025.02	1025.01	1025.03	1025.04	1025.12
	1	1025.04	1025.03	1025.02	1025.03	1025.03	1025.01	1024.99	1024.96	1024.93	1024.92	1024.92	1024.92	1024.98
	2	1024.89	1024.85	1024.80	1024.75	1024.70	1024.67	1024.64	1024.63	1024.63	1024.64	1024.64	1024.61	1024.70
	3	1024.58	1024.57	1024.57	1024.59	1024.60	1024.57	1024.50	1024.47	1024.45	1024.42	1024.39	1024.38	1024.51
	4	1024.40	1024.43	1024.45	1024.47	1024.48	1024.50	1024.54	1024.55	1024.57	1024.59	1024.59	1024.59	1024.51
	5	1024.59	1024.62	1024.66	1024.69	1024.74	1024.79	1024.82	1024.85	1024.86	1024.88	1024.87	1024.85	1024.77
	6	1024.83	1024.84	1024.84	1024.83	1024.82	1024.81	1024.80	1024.77	1024.78	1024.85	1024.94	1024.98	1024.84
	7	1025.03	1025.09	1025.13	1025.15	1025.18	1025.22	1025.25	1025.25	1025.25	1025.28	1025.31	1025.31	1025.20
	8	1025.30	1025.30	1025.30	1025.31	1025.33	1025.35	1025.40	1025.45	1025.47	1025.49	1025.49	1025.50	1025.39
	9	1025.53	1025.58	1025.60	1025.58	1025.54	1025.50	1025.47	1025.50	1025.55	1025.56	1025.54	1025.51	1025.54
	10	1025.48	1025.47	1025.43	1025.37	1025.30	1025.24	1025.20	1025.15	1025.08	1025.02	1024.98	1024.93	1025.22
	11	1024.88	1024.81	1024.77	1024.73	1024.66	1024.61	1024.56	1024.50	1024.44	1024.37	1024.33	1024.28	1024.58
	12	1024.20	1024.14	1024.10	1024.03	1023.93	1023.86	1023.82	1023.77	1023.71	1023.65	1023.61	1023.56	1023.86
	13	1023.52	1023.52	1023.51	1023.50	1023.48	1023.49	1023.52	1023.51	1023.48	1023.50	1023.53	1023.54	1023.51
	14	1023.55	1023.55	1023.55	1023.57	1023.57	1023.56	1023.57	1023.60	1023.62	1023.60	1023.58	1023.57	1023.57
	15	1023.57	1023.59	1023.63	1023.65	1023.64	1023.59	1023.53	1023.48	1023.45	1023.44	1023.45	1023.45	1023.54
	16	1023.44	1023.45	1023.46	1023.48	1023.50	1023.54	1023.56	1023.57	1023.60	1023.58	1023.55	1023.58	1023.52
	17	1023.61	1023.62	1023.63	1023.62	1023.58	1023.56	1023.56	1023.54	1023.55	1023.57	1023.62	1023.67	1023.59
	18	1023.70	1023.70	1023.69	1023.68	1023.68	1023.69	1023.72	1023.73	1023.73	1023.76	1023.82	1023.89	1023.73
	19	1023.95	1024.00	1024.01	1024.04	1024.09	1024.11	1024.10	1024.11	1024.11	1024.13	1024.16	1024.16	1024.08
	20	1024.17	1024.17	1024.16	1024.17	1024.22	1024.26	1024.27	1024.25	1024.22	1024.20	1024.19	1024.17	1024.20
	21	1024.15	1024.13	1024.12	1024.12	1024.12	1024.12	1024.13	1024.15	1024.16	1024.18	1024.24	1024.29	1024.16
	22	1024.32	1024.32	1024.30	1024.28	1024.25	1024.22	1024.18	1024.17	1024.18	1024.19	1024.18	1024.18	1024.23
	23	1024.20	1024.21	1024.19	1024.16	1024.12	1024.09	1024.07	1024.04	1023.99	1023.92	1023.84	1023.78	1024.05
20	0	1023.77	1023.76	1023.74	1023.70	1023.66	1023.63	1023.64	1023.65	1023.68	1023.69	1023.68	1023.66	1023.68
	1	1023.64	1023.62	1023.60	1023.59	1023.58	1023.57	1023.57	1023.56	1023.54	1023.52	1023.50	1023.48	1023.56
	2	1023.47	1023.45	1023.40	1023.36	1023.32	1023.28	1023.23	1023.18	1023.11	1023.06	1023.01	1022.96	1023.24
	3	1022.94	1022.92	1022.89	1022.84	1022.79	1022.74	1022.70	1022.64	1022.57	1022.52	1022.51	1022.53	1022.72
	4	1022.54	1022.52	1022.52	1022.53	1022.53	1022.56	1022.61	1022.63	1022.62	1022.59	1022.58	1022.61	1022.57
	5	1022.66	1022.69	1022.70	1022.69	1022.70	1022.70	1022.68	1022.69	1022.72	1022.75	1022.77	1022.78	1022.71
	6	1022.78	1022.76	1022.76	1022.76	1022.76	1022.73	1022.71	1022.73	1022.74	1022.74	1022.75	1022.76	1022.75
	7	1022.76	1022.78	1022.85	1022.93	1022.99	1023.03	1023.04	1023.06	1023.07	1023.07	1023.08	1023.09	1022.98
	8	1023.10	1023.10	1023.12	1023.12	1023.08	1023.04	1023.01	1022.97	1022.98	1023.03	1023.06	1023.09	1023.06
	9	1023.12	1023.16	1023.19	1023.19	1023.17	1023.15	1023.13	1023.13	1023.15	1023.15	1023.13	1023.10	1023.15
	10	1023.06	1023.01	1022.94	1022.86	1022.81	1022.80	1022.78	1022.74	1022.66	1022.61	1022.61	1022.58	1022.79
	11	1022.49	1022.43	1022.40	1022.32	1022.25	1022.23	1022.19	1022.13	1022.07	1022.03	1021.98	1021.95	1022.20
	12	1021.91	1021.90	1021.89	1021.86	1021.83	1021.79	1021.77	1021.76	1021.74	1021.70	1021.68	1021.67	1021.79
	13	1021.67	1021.68	1021.70	1021.69	1021.64	1021.63	1021.63	1021.63	1021.63	1021.64	1021.65	1021.63	1021.65
	14	1021.62	1021.62	1021.61	1021.61	1021.61	1021.62	1021.64	1021.63	1021.61	1021.61	1021.60	1021.58	1021.61
	15	1021.59	1021.63	1021.66	1021.70	1021.72	1021.75	1021.79	1021.80	1021.81	1021.86	1021.91	1021.93	1021.76
	16	1021.92	1021.91	1021.93	1021.95	1021.97	1021.97	1021.99	1022.02	1022.03	1022.04	1022.04	1022.04	1021.98
	17	1022.06	1022.07	1022.07	1022.09	1022.13	1022.15	1022.16	1022.20	1022.24	1022.30	1022.37	1022.42	1022.19
	18	1022.45	1022.47	1022.51	1022.57	1022.61	1022.63	1022.67	1022.71	1022.75	1022.78	1022.79	1022.80	1022.64
	19	1022.81	1022.80	1022.81	1022.84	1022.84	1022.81	1022.81	1022.84	1022.86	1022.86	1022.85	1022.86	1022.83
	20	1022.89	1022.91	1022.94	1022.97	1022.98	1022.97	1022.96	1022.97	1023.00	1023.03	1023.02	1023.00	1022.97
	21	1023.02	1023.05	1023.06	1023.09	1023.13	1023.17	1023.18	1023.19	1023.21	1023.23	1023.25	1023.29	1023.16
	22	1023.34	1023.38	1023.39	1023.43	1023.47	1023.48	1023.50	1023.52	1023.55	1023.57	1023.58	1023.59	1023.48
	23	1023.58	1023.55	1023.55	1023.60	1023.64	1023.67	1023.68	1023.70	1023.69	1023.68	1023.69	1023.68	1023.64

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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
21	0	1023.70	1023.70	1023.70	1023.70	1023.72	1023.75	1023.77	1023.79	1023.83	1023.87	1023.91	1023.94	1023.79
	1	1023.96	1023.96	1023.96	1023.97	1024.00	1024.03	1024.02	1024.00	1023.98	1023.96	1023.93	1023.91	1023.97
	2	1023.90	1023.93	1023.97	1023.99	1023.96	1023.93	1023.92	1023.93	1023.95	1023.97	1023.98	1023.99	1023.95
	3	1023.98	1023.94	1023.90	1023.91	1023.96	1023.98	1023.97	1023.96	1023.97	1023.96	1023.93	1023.95	1023.95
	4	1023.96	1023.96	1023.96	1023.94	1023.90	1023.88	1023.86	1023.88	1023.91	1023.91	1023.93	1023.99	1023.92
	5	1024.01	1023.99	1024.03	1024.07	1024.10	1024.11	1024.12	1024.19	1024.29	1024.37	1024.41	1024.41	1024.17
	6	1024.41	1024.43	1024.45	1024.49	1024.54	1024.58	1024.63	1024.66	1024.69	1024.71	1024.73	1024.76	1024.59
	7	1024.80	1024.81	1024.85	1024.97	1025.04	1025.03	1025.00	1025.02	1025.07	1025.08	1025.07	1025.07	1024.98
	8	1025.07	1025.08	1025.13	1025.20	1025.27	1025.31	1025.31	1025.31	1025.30	1025.28	1025.35	1025.45	1025.25
	9	1025.48	1025.45	1025.41	1025.40	1025.35	1025.33	1025.33	1025.30	1025.28	1025.22	1025.14	1025.11	1025.32
	10	1025.09	1025.07	1025.04	1024.98	1024.93	1024.91	1024.88	1024.85	1024.82	1024.81	1024.80	1024.77	1024.91
	11	1024.78	1024.82	1024.83	1024.88	1024.93	1024.94	1024.92	1024.86	1024.80	1024.77	1024.71	1024.62	1024.82
	12	1024.58	1024.58	1024.61	1024.64	1024.64	1024.62	1024.59	1024.57	1024.58	1024.59	1024.58	1024.57	1024.59
	13	1024.54	1024.52	1024.52	1024.51	1024.47	1024.43	1024.34	1024.29	1024.29	1024.31	1024.30	1024.28	1024.40
	14	1024.26	1024.26	1024.27	1024.28	1024.29	1024.30	1024.32	1024.34	1024.34	1024.36	1024.37	1024.37	1024.31
	15	1024.41	1024.45	1024.48	1024.50	1024.50	1024.52	1024.56	1024.59	1024.57	1024.53	1024.52	1024.52	1024.51
	16	1024.50	1024.51	1024.55	1024.58	1024.62	1024.65	1024.70	1024.77	1024.82	1024.85	1024.89	1024.95	1024.70
	17	1025.02	1025.08	1025.13	1025.17	1025.21	1025.27	1025.36	1025.45	1025.50	1025.53	1025.56	1025.56	1025.32
	18	1025.53	1025.54	1025.59	1025.64	1025.64	1025.57	1025.49	1025.44	1025.43	1025.44	1025.50	1025.54	1025.53
	19	1025.55	1025.57	1025.58	1025.63	1025.72	1025.77	1025.80	1025.83	1025.82	1025.78	1025.76	1025.76	1025.71
	20	1025.77	1025.73	1025.69	1025.66	1025.64	1025.66	1025.68	1025.72	1025.78	1025.80	1025.76	1025.68	1025.71
	21	1025.62	1025.62	1025.67	1025.72	1025.75	1025.78	1025.82	1025.83	1025.84	1025.83	1025.79	1025.77	1025.75
	22	1025.77	1025.78	1025.78	1025.80	1025.79	1025.78	1025.82	1025.87	1025.91	1025.92	1025.91	1025.89	1025.83
	23	1025.87	1025.82	1025.75	1025.74	1025.77	1025.82	1025.84	1025.81	1025.74	1025.70	1025.71	1025.76	1025.78
22	0	1025.80	1025.82	1025.88	1025.91	1025.93	1025.99	1026.01	1026.03	1026.07	1026.08	1026.09	1026.11	1025.98
	1	1026.12	1026.15	1026.18	1026.22	1026.23	1026.22	1026.22	1026.23	1026.20	1026.16	1026.12	1026.10	1026.18
	2	1026.09	1026.07	1026.02	1025.96	1025.91	1025.91	1025.92	1025.89	1025.84	1025.81	1025.80	1025.81	1025.92
	3	1025.81	1025.78	1025.74	1025.71	1025.70	1025.70	1025.67	1025.62	1025.58	1025.58	1025.60	1025.60	1025.67
	4	1025.62	1025.65	1025.66	1025.70	1025.71	1025.68	1025.67	1025.67	1025.68	1025.67	1025.65	1025.64	1025.67
	5	1025.65	1025.68	1025.72	1025.74	1025.75	1025.79	1025.83	1025.88	1025.93	1025.93	1025.94	1025.97	1025.82
	6	1026.03	1026.12	1026.19	1026.25	1026.30	1026.33	1026.30	1026.23	1026.20	1026.19	1026.18	1026.17	1026.21
	7	1026.17	1026.18	1026.19	1026.17	1026.16	1026.16	1026.18	1026.20	1026.18	1026.15	1026.12	1026.10	1026.16
	8	1026.12	1026.16	1026.21	1026.25	1026.26	1026.28	1026.33	1026.39	1026.46	1026.52	1026.55	1026.58	1026.34
	9	1026.60	1026.62	1026.66	1026.66	1026.66	1026.69	1026.72	1026.75	1026.78	1026.77	1026.76	1026.75	1026.70
	10	1026.73	1026.69	1026.64	1026.61	1026.57	1026.53	1026.51	1026.49	1026.45	1026.38	1026.29	1026.23	1026.51
	11	1026.22	1026.22	1026.21	1026.19	1026.13	1026.06	1026.01	1025.95	1025.88	1025.84	1025.81	1025.76	1026.02
	12	1025.71	1025.66	1025.60	1025.53	1025.46	1025.41	1025.37	1025.32	1025.28	1025.23	1025.17	1025.09	1025.40
	13	1025.05	1025.08	1025.14	1025.18	1025.16	1025.10	1025.02	1024.99	1024.98	1024.99	1025.00	1025.02	1025.06
	14	1025.05	1025.10	1025.11	1025.06	1025.03	1025.04	1025.05	1025.04	1025.04	1025.06	1025.08	1025.09	1025.06
	15	1025.11	1025.13	1025.14	1025.15	1025.16	1025.15	1025.14	1025.14	1025.15	1025.17	1025.19	1025.24	1025.16
	16	1025.29	1025.32	1025.33	1025.34	1025.35	1025.35	1025.34	1025.34	1025.34	1025.33	1025.34	1025.37	1025.34
	17	1025.39	1025.39	1025.39	1025.42	1025.47	1025.52	1025.54	1025.57	1025.61	1025.63	1025.66	1025.69	1025.52
	18	1025.74	1025.80	1025.82	1025.82	1025.81	1025.79	1025.79	1025.82	1025.84	1025.82	1025.81	1025.82	1025.81
	19	1025.82	1025.81	1025.78	1025.76	1025.78	1025.82	1025.85	1025.87	1025.89	1025.90	1025.89	1025.91	1025.84
	20	1025.91	1025.89	1025.89	1025.90	1025.92	1025.94	1025.98	1025.99	1025.98	1025.98	1025.98	1026.01	1025.95
	21	1026.05	1026.07	1026.08	1026.07	1026.05	1026.05	1026.08	1026.08	1026.07	1026.04	1026.05	1026.08	1026.06
	22	1026.09	1026.11	1026.12	1026.09	1026.06	1026.06	1026.04	1026.03	1025.99	1025.92	1025.86	1025.83	1026.02
	23	1025.87	1025.92	1025.92	1025.90	1025.90	1025.90	1025.87	1025.85	1025.86	1025.85	1025.84	1025.84	1025.88

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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	1025.87	1025.87	1025.87	1025.87	1025.88	1025.88	1025.87	1025.87	1025.89	1025.92	1025.95	1025.97	1025.89
	1	1025.99	1026.01	1026.01	1026.02	1026.02	1026.00	1026.02	1026.05	1026.09	1026.14	1026.14	1026.11	1026.05
	2	1026.09	1026.06	1026.04	1026.02	1026.00	1025.97	1025.92	1025.92	1025.91	1025.86	1025.82	1025.79	1025.95
	3	1025.78	1025.78	1025.77	1025.78	1025.76	1025.72	1025.72	1025.69	1025.64	1025.62	1025.58	1025.56	1025.70
	4	1025.56	1025.55	1025.56	1025.59	1025.59	1025.60	1025.62	1025.64	1025.63	1025.63	1025.63	1025.65	1025.60
	5	1025.69	1025.73	1025.75	1025.75	1025.74	1025.73	1025.73	1025.76	1025.79	1025.82	1025.87	1025.89	1025.77
	6	1025.86	1025.84	1025.86	1025.90	1025.92	1025.95	1025.98	1026.00	1026.01	1026.00	1025.98	1025.98	1025.94
	7	1025.99	1025.98	1025.99	1026.01	1026.01	1026.02	1026.02	1026.02	1026.03	1026.04	1026.05	1026.08	1026.02
	8	1026.13	1026.15	1026.19	1026.25	1026.31	1026.36	1026.40	1026.43	1026.45	1026.50	1026.56	1026.60	1026.36
	9	1026.65	1026.68	1026.67	1026.65	1026.62	1026.61	1026.62	1026.61	1026.59	1026.58	1026.52	1026.47	1026.61
	10	1026.45	1026.40	1026.37	1026.34	1026.29	1026.22	1026.17	1026.15	1026.16	1026.15	1026.09	1026.06	1026.24
	11	1026.04	1026.00	1025.96	1025.90	1025.82	1025.80	1025.80	1025.78	1025.75	1025.72	1025.68	1025.64	1025.82
	12	1025.60	1025.57	1025.51	1025.47	1025.43	1025.40	1025.37	1025.36	1025.31	1025.26	1025.20	1025.15	1025.39
	13	1025.13	1025.12	1025.08	1025.02	1024.94	1024.86	1024.82	1024.82	1024.81	1024.80	1024.78	1024.76	1024.91
	14	1024.76	1024.76	1024.76	1024.75	1024.71	1024.69	1024.69	1024.69	1024.68	1024.66	1024.63	1024.58	1024.70
	15	1024.55	1024.55	1024.54	1024.52	1024.54	1024.56	1024.53	1024.51	1024.48	1024.44	1024.44	1024.44	1024.51
	16	1024.43	1024.42	1024.40	1024.37	1024.39	1024.44	1024.46	1024.44	1024.43	1024.44	1024.44	1024.46	1024.43
	17	1024.46	1024.46	1024.48	1024.50	1024.50	1024.49	1024.49	1024.50	1024.53	1024.58	1024.62	1024.67	1024.52
	18	1024.72	1024.73	1024.75	1024.81	1024.86	1024.86	1024.85	1024.83	1024.78	1024.74	1024.72	1024.71	1024.78
	19	1024.72	1024.75	1024.74	1024.73	1024.74	1024.73	1024.72	1024.73	1024.74	1024.73	1024.72	1024.72	1024.73
	20	1024.70	1024.64	1024.58	1024.55	1024.54	1024.52	1024.50	1024.49	1024.48	1024.49	1024.48	1024.43	1024.53
	21	1024.37	1024.34	1024.33	1024.33	1024.35	1024.35	1024.34	1024.34	1024.33	1024.32	1024.29	1024.26	1024.33
	22	1024.28	1024.32	1024.30	1024.24	1024.21	1024.20	1024.19	1024.19	1024.18	1024.16	1024.14	1024.10	1024.21
	23	1024.04	1024.00	1023.96	1023.92	1023.88	1023.85	1023.82	1023.79	1023.77	1023.76	1023.73	1023.65	1023.85
24	0	1023.38	1023.37	1023.34	1023.27	1023.20	1023.20	1023.19	1023.16	1023.14	1023.11	1023.10	1023.12	1023.21
	1	1023.11	1023.06	1023.00	1022.94	1022.93	1022.93	1022.90	1022.85	1022.78	1022.72	1022.70	1022.67	1022.88
	2	1022.65	1022.59	1022.49	1022.43	1022.38	1022.32	1022.23	1022.11	1021.98	1021.90	1021.85	1021.79	1022.22
	3	1021.76	1021.74	1021.71	1021.65	1021.59	1021.55	1021.52	1021.48	1021.45	1021.40	1021.36	1021.33	1021.54
	4	1021.28	1021.20	1021.15	1021.16	1021.12	1021.09	1021.08	1021.08	1021.10	1021.12	1021.12	1021.10	1021.13
	5	1021.07	1021.05	1021.02	1020.99	1020.95	1020.94	1020.95	1020.94	1020.93	1020.92	1020.91	1020.90	1020.96
	6	1020.87	1020.84	1020.81	1020.81	1020.82	1020.81	1020.75	1020.66	1020.61	1020.61	1020.63	1020.65	1020.74
	7	1020.67	1020.66	1020.65	1020.66	1020.64	1020.61	1020.62	1020.63	1020.64	1020.66	1020.69	1020.69	1020.65
	8	1020.70	1020.69	1020.64	1020.59	1020.56	1020.54	1020.52	1020.52	1020.49	1020.43	1020.40	1020.44	1020.54
	9	1020.49	1020.54	1020.53	1020.49	1020.46	1020.44	1020.45	1020.46	1020.41	1020.30	1020.22	1020.13	1020.41
	10	1020.05	1019.98	1019.86	1019.75	1019.69	1019.61	1019.55	1019.48	1019.40	1019.33	1019.31	1019.27	1019.60
	11	1019.20	1019.14	1019.05	1018.94	1018.87	1018.82	1018.76	1018.68	1018.57	1018.49	1018.42	1018.36	1018.77
	12	1018.29	1018.21	1018.17	1018.11	1017.99	1017.93	1017.86	1017.75	1017.64	1017.53	1017.46	1017.41	1017.86
	13	1017.34	1017.27	1017.25	1017.23	1017.18	1017.14	1017.09	1017.04	1017.01	1016.95	1016.89	1016.83	1017.10
	14	1016.79	1016.77	1016.69	1016.60	1016.55	1016.50	1016.46	1016.49	1016.52	1016.51	1016.47	1016.42	1016.56
	15	1016.36	1016.27	1016.19	1016.10	1016.07	1016.13	1016.16	1016.13	1016.09	1016.06	1016.02	1015.95	1016.12
	16	1015.92	1015.92	1015.92	1015.89	1015.87	1015.85	1015.83	1015.83	1015.81	1015.81	1015.83	1015.82	1015.86
	17	1015.78	1015.75	1015.73	1015.68	1015.66	1015.68	1015.67	1015.67	1015.73	1015.78	1015.80	1015.83	1015.73
	18	1015.85	1015.86	1015.85	1015.82	1015.79	1015.71	1015.62	1015.60	1015.55	1015.50	1015.51	1015.52	1015.68
	19	1015.50	1015.48	1015.43	1015.35	1015.26	1015.17	1015.06	1014.97	1014.90	1014.84	1014.78	1014.74	1015.12
	20	1014.73	1014.71	1014.67	1014.65	1014.63	1014.59	1014.57	1014.57	1014.52	1014.47	1014.42	1014.37	1014.57
	21	1014.34	1014.32	1014.31	1014.27	1014.20	1014.16	1014.18	1014.22	1014.19	1014.12	1014.11	1014.11	1014.21
	22	1014.09	1014.01	1013.92	1013.91	1013.90	1013.88	1013.86	1013.81	1013.70	1013.59	1013.52	1013.47	1013.80
	23	1013.44	1013.41	1013.33	1013.26	1013.24	1013.19	1013.14	1013.11	1013.06	1012.98	1012.90	1012.86	1013.16

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
25	0	1012.78	1012.77	1012.76	1012.74	1012.73	1012.73	1012.79	1012.87	1012.88	1012.83	1012.78	1012.77	1012.78
	1	1012.78	1012.79	1012.77	1012.75	1012.69	1012.66	1012.65	1012.64	1012.65	1012.65	1012.65	1012.59	1012.69
	2	1012.50	1012.43	1012.39	1012.37	1012.35	1012.33	1012.28	1012.22	1012.17	1012.14	1012.11	1012.06	1012.28
	3	1012.00	1011.98	1011.97	1011.97	1011.97	1011.94	1011.91	1011.89	1011.85	1011.84	1011.87	1011.89	1011.92
	4	1011.84	1011.78	1011.75	1011.70	1011.66	1011.60	1011.58	1011.56	1011.49	1011.43	1011.43	1011.47	1011.61
	5	1011.45	1011.44	1011.43	1011.41	1011.42	1011.43	1011.43	1011.40	1011.36	1011.31	1011.27	1011.25	1011.38
	6	1011.26	1011.28	1011.30	1011.32	1011.36	1011.39	1011.40	1011.42	1011.42	1011.38	1011.32	1011.29	1011.34
	7	1011.29	1011.30	1011.32	1011.32	1011.30	1011.29	1011.26	1011.27	1011.29	1011.29	1011.32	1011.35	1011.30
	8	1011.39	1011.44	1011.46	1011.48	1011.53	1011.57	1011.56	1011.61	1011.64	1011.62	1011.65	1011.69	1011.55
	9	1011.69	1011.66	1011.66	1011.70	1011.70	1011.65	1011.57	1011.46	1011.37	1011.31	1011.31	1011.32	1011.53
	10	1011.26	1011.19	1011.19	1011.21	1011.18	1011.17	1011.18	1011.20	1011.21	1011.17	1011.11	1011.06	1011.18
	11	1011.04	1011.08	1011.09	1011.05	1011.00	1010.99	1010.97	1010.89	1010.79	1010.70	1010.63	1010.59	1010.90
	12	1010.53	1010.47	1010.44	1010.41	1010.43	1010.44	1010.44	1010.40	1010.30	1010.22	1010.13	1010.10	1010.36
	13	1010.08	1010.03	1010.02	1010.02	1009.96	1009.89	1009.86	1009.88	1009.94	1009.92	1009.90	1009.94	1009.95
	14	1009.96	1009.94	1009.91	1009.89	1009.89	1009.95	1010.01	1010.00	1010.00	1010.03	1010.05	1010.02	1009.97
	15	1009.98	1009.97	1009.90	1009.75	1009.66	1009.70	1009.78	1009.85	1009.93	1009.98	1009.95	1009.87	1009.86
	16	1009.79	1009.74	1009.75	1009.72	1009.56	1009.45	1009.46	1009.60	1009.73	1009.71	1009.70	1009.74	1009.66
	17	1009.86	1009.95	1009.92	1009.84	1009.87	1009.99	1009.99	1009.85	1009.89	1010.07	1010.19	1010.26	1009.97
	18	1010.24	1010.25	1010.30	1010.36	1010.33	1010.27	1010.23	1010.18	1010.20	1010.29	1010.28	1010.26	1010.26
	19	1010.33	1010.37	1010.41	1010.38	1010.36	1010.35	1010.29	1010.31	1010.30	1010.24	1010.22	1010.16	1010.31
	20	1010.11	1010.10	1010.09	1010.07	1010.10	1010.11	1010.09	1010.12	1010.16	1010.17	1010.18	1010.17	1010.12
	21	1010.18	1010.18	1010.16	1010.14	1010.12	1010.09	1010.05	1010.02	1009.94	1009.87	1009.93	1010.04	1010.06
	22	1010.11	1010.08	1010.06	1010.04	1009.93	1009.85	1009.79	1009.76	1009.79	1009.81	1009.76	1009.73	1009.89
	23	1009.75	1009.72	1009.61	1009.57	1009.66	1009.68	1009.61	1009.54	1009.48	1009.48	1009.50	1009.50	1009.59
26	0	1009.36	1009.30	1009.25	1009.26	1009.23	1009.23	1009.25	1009.16	1009.03	1008.97	1008.92	1008.96	1009.15
	1	1009.06	1009.13	1009.13	1009.10	1009.14	1009.23	1009.31	1009.35	1009.32	1009.18	1009.06	1009.08	1009.17
	2	1009.03	1008.95	1008.93	1008.89	1008.82	1008.79	1008.84	1008.91	1008.90	1008.80	1008.59	1008.55	1008.83
	3	1008.58	1008.44	1008.46	1008.56	1008.43	1008.20	1008.10	1008.23	1008.44	1008.57	1008.54	1008.50	1008.42
	4	1008.59	1008.63	1008.62	1008.64	1008.68	1008.60	1008.26	1007.93	1008.04	1008.37	1008.50	1008.24	1008.42
	5	1008.02	1008.00	1008.23	1008.52	1008.51	1008.48	1008.45	1008.42	1008.39	1008.39	1008.34	1008.42	1008.34
	6	1008.57	1008.55	1008.65	1008.80	1008.85	1008.75	1008.62	1008.63	1008.74	1008.81	1008.89	1008.80	1008.72
	7	1008.58	1008.54	1008.66	1008.76	1008.78	1008.78	1008.83	1008.89	1008.93	1009.07	1009.20	1009.18	1008.85
	8	1009.20	1009.21	1009.18	1009.20	1009.20	1009.23	1009.27	1009.23	1009.25	1009.37	1009.44	1009.39	1009.26
	9	1009.35	1009.37	1009.41	1009.51	1009.63	1009.63	1009.52	1009.51	1009.63	1009.69	1009.64	1009.58	1009.54
	10	1009.60	1009.61	1009.55	1009.40	1009.15	1009.00	1008.97	1008.94	1008.88	1008.80	1008.79	1008.85	1009.12
	11	1008.95	1008.97	1008.91	1008.92	1008.92	1008.91	1008.93	1008.91	1008.89	1008.83	1008.73	1008.68	1008.88
	12	1008.66	1008.60	1008.56	1008.51	1008.43	1008.40	1008.38	1008.39	1008.35	1008.28	1008.28	1008.29	1008.43
	13	1008.25	1008.22	1008.18	1008.15	1008.17	1008.16	1008.16	1008.18	1008.18	1008.18	1008.20	1008.23	1008.19
	14	1008.26	1008.23	1008.23	1008.31	1008.42	1008.51	1008.57	1008.62	1008.64	1008.66	1008.67	1008.67	1008.48
	15	1008.70	1008.74	1008.79	1008.79	1008.77	1008.77	1008.77	1008.79	1008.84	1008.84	1008.84	1008.88	1008.79
	16	1008.92	1008.94	1008.91	1008.87	1008.84	1008.81	1008.82	1008.84	1008.87	1008.89	1008.87	1008.89	1008.87
	17	1008.92	1008.90	1008.91	1008.96	1008.97	1008.98	1008.99	1009.00	1009.04	1009.09	1009.12	1009.08	1008.99
	18	1009.04	1009.05	1009.03	1009.00	1009.03	1009.08	1009.14	1009.15	1009.10	1009.12	1009.15	1009.18	1009.09
	19	1009.19	1009.22	1009.28	1009.34	1009.38	1009.37	1009.31	1009.29	1009.27	1009.21	1009.20	1009.24	1009.27
	20	1009.27	1009.32	1009.38	1009.39	1009.42	1009.44	1009.45	1009.50	1009.55	1009.55	1009.53	1009.51	1009.44
	21	1009.50	1009.45	1009.38	1009.39	1009.41	1009.46	1009.50	1009.52	1009.56	1009.54	1009.47	1009.44	1009.47
	22	1009.45	1009.49	1009.52	1009.53	1009.53	1009.54	1009.52	1009.48	1009.42	1009.37	1009.33	1009.29	1009.45
	23	1009.24	1009.18	1009.07	1008.95	1008.89	1008.84	1008.83	1008.86	1008.86	1008.87	1008.86	1008.78	1008.93

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
27	0	1008.67	1008.69	1008.70	1008.69	1008.66	1008.65	1008.67	1008.67	1008.65	1008.60	1008.57	1008.58	1008.65
	1	1008.59	1008.62	1008.62	1008.62	1008.61	1008.53	1008.43	1008.42	1008.45	1008.42	1008.41	1008.42	1008.51
	2	1008.37	1008.33	1008.27	1008.21	1008.17	1008.13	1008.11	1008.08	1008.04	1007.98	1007.98	1007.99	1008.14
	3	1007.95	1007.87	1007.83	1007.78	1007.67	1007.57	1007.54	1007.52	1007.46	1007.46	1007.47	1007.44	1007.63
	4	1007.42	1007.38	1007.31	1007.26	1007.24	1007.28	1007.37	1007.42	1007.42	1007.41	1007.41	1007.46	1007.36
	5	1007.49	1007.46	1007.41	1007.40	1007.37	1007.30	1007.27	1007.27	1007.27	1007.19	1007.09	1007.04	1007.29
	6	1007.06	1007.16	1007.21	1007.20	1007.22	1007.24	1007.19	1007.16	1007.10	1007.01	1006.95	1006.90	1007.12
	7	1006.87	1006.86	1006.84	1006.85	1006.91	1006.99	1007.03	1007.01	1007.08	1007.24	1007.32	1007.27	1007.02
	8	1007.20	1007.11	1007.07	1007.13	1007.17	1007.15	1007.11	1007.09	1007.06	1007.09	1007.12	1007.13	1007.12
	9	1007.12	1007.13	1007.16	1007.16	1007.11	1007.03	1006.97	1006.91	1006.85	1006.78	1006.70	1006.64	1006.96
	10	1006.58	1006.52	1006.48	1006.44	1006.42	1006.44	1006.41	1006.31	1006.24	1006.19	1006.09	1006.00	1006.34
	11	1005.94	1005.86	1005.75	1005.67	1005.58	1005.50	1005.40	1005.30	1005.21	1005.11	1005.00	1004.92	1005.43
	12	1004.84	1004.74	1004.64	1004.59	1004.59	1004.56	1004.46	1004.35	1004.28	1004.22	1004.15	1004.11	1004.46
	13	1004.11	1004.15	1004.13	1004.08	1004.08	1004.05	1004.02	1004.03	1004.09	1004.06	1003.94	1003.87	1004.05
	14	1003.79	1003.70	1003.67	1003.67	1003.74	1003.79	1003.86	1003.96	1003.98	1003.96	1003.93	1003.86	1003.82
	15	1003.80	1003.75	1003.72	1003.76	1003.82	1003.84	1003.82	1003.77	1003.78	1003.79	1003.78	1003.75	1003.78
	16	1003.73	1003.70	1003.69	1003.74	1003.77	1003.80	1003.81	1003.81	1003.85	1003.92	1004.01	1004.12	1003.83
	17	1004.20	1004.21	1004.17	1004.15	1004.20	1004.23	1004.23	1004.27	1004.37	1004.47	1004.54	1004.60	1004.30
	18	1004.72	1004.85	1004.89	1004.90	1004.90	1004.94	1004.92	1004.91	1004.95	1004.91	1004.89	1004.97	1004.89
	19	1005.03	1005.03	1005.05	1005.11	1005.21	1005.31	1005.33	1005.29	1005.28	1005.30	1005.24	1005.16	1005.19
	20	1005.16	1005.17	1005.15	1005.12	1005.10	1005.06	1005.02	1005.01	1005.06	1005.12	1005.10	1005.07	1005.09
	21	1005.04	1004.98	1004.91	1004.93	1004.93	1004.88	1004.94	1005.00	1004.98	1005.01	1005.04	1004.97	1004.97
	22	1004.89	1004.84	1004.78	1004.77	1004.78	1004.75	1004.74	1004.70	1004.63	1004.57	1004.50	1004.42	1004.69
	23	1004.30	1004.20	1004.15	1004.11	1004.05	1004.05	1004.06	1004.01	1003.99	1003.90	1003.73	1003.66	1004.02
28	0	1003.52	1003.45	1003.32	1003.15	1002.98	1003.02	1003.12	1003.06	1002.94	1002.87	1002.87	1002.88	1003.08
	1	1002.84	1002.80	1002.75	1002.68	1002.66	1002.63	1002.56	1002.48	1002.40	1002.32	1002.19	1002.05	1002.53
	2	1001.99	1001.97	1001.88	1001.68	1001.48	1001.31	1001.11	1000.93	1000.83	1000.78	1000.75	1000.78	1001.29
	3	1000.84	1000.85	1000.88	1000.90	1000.88	1000.83	1000.69	1000.49	1000.23	999.93	999.82	999.88	1000.52
	4	999.83	999.79	999.75	999.60	999.38	999.11	998.97	998.91	998.81	998.68	998.48	998.23	999.13
	5	998.12	998.15	998.07	997.96	997.84	997.63	997.56	997.52	997.48	997.56	997.62	997.48	997.75
	6	997.24	997.07	996.70	996.35	996.33	996.37	996.43	996.49	996.45	996.37	996.21	996.05	996.50
	7	995.96	995.86	995.87	995.90	995.82	995.79	995.85	995.79	995.70	995.70	995.63	995.52	995.78
	8	995.57	995.57	995.58	995.58	995.50	995.57	995.67	995.70	995.78	995.89	995.99	996.06	995.70
	9	996.05	995.97	995.89	995.80	995.77	995.80	995.78	995.75	995.64	995.47	995.40	995.37	995.72
	10	995.27	995.06	994.81	994.63	994.42	994.23	994.13	993.96	993.70	993.48	993.25	992.99	994.16
	11	992.75	992.69	992.67	992.55	992.35	992.15	992.10	991.87	991.55	991.44	991.28	991.10	992.04
	12	991.01	990.90	990.76	990.62	990.50	990.37	990.32	990.21	990.06	989.97	989.80	989.73	990.35
	13	989.69	989.48	989.35	989.30	989.13	988.98	988.92	988.85	988.87	988.91	988.91	988.82	989.10
	14	988.65	988.57	988.49	988.42	988.64	988.98	989.55	989.88	989.64	989.45	989.40	989.47	989.09
	15	989.53	989.49	989.45	989.36	989.13	988.98	988.99	989.03	989.11	989.19	989.35	989.59	989.26
	16	989.74	989.77	989.82	989.96	990.14	990.31	990.43	990.58	990.76	990.97	991.06	991.11	990.39
	17	991.20	991.24	991.24	991.24	991.30	991.44	991.54	991.63	991.74	991.75	991.68	991.66	991.47
	18	991.77	991.97	992.15	992.35	992.50	992.65	992.86	993.03	993.16	993.25	993.40	993.60	992.72
	19	993.70	993.72	993.79	993.90	994.09	994.24	994.28	994.36	994.50	994.66	994.77	994.80	994.23
	20	994.84	994.98	995.14	995.32	995.50	995.57	995.68	995.86	995.93	996.01	996.12	996.15	995.59
	21	996.22	996.37	996.49	996.52	996.54	996.65	996.76	996.85	996.98	997.07	997.16	997.25	996.74
	22	997.34	997.44	997.56	997.70	997.81	997.85	997.88	997.90	997.95	998.03	998.08	998.14	997.80
	23	998.23	998.33	998.46	998.57	998.63	998.71	998.77	998.88	999.00	999.08	999.12	999.11	998.74

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	999.20	999.29	999.45	999.62	999.76	999.83	999.92	1000.00	1000.06	1000.14	1000.22	1000.27	999.84
	1	1000.32	1000.39	1000.41	1000.49	1000.61	1000.67	1000.68	1000.72	1000.79	1000.81	1000.82	1000.85	1000.63
	2	1000.89	1000.89	1000.84	1000.84	1000.87	1000.91	1000.97	1000.98	1000.96	1000.95	1000.99	1000.99	1000.92
	3	1000.92	1000.93	1001.00	1001.07	1001.15	1001.14	1001.09	1001.07	1001.07	1001.08	1001.09	1001.08	1001.05
	4	1001.07	1001.11	1001.19	1001.22	1001.22	1001.29	1001.38	1001.42	1001.42	1001.47	1001.56	1001.60	1001.33
	5	1001.65	1001.72	1001.68	1001.67	1001.72	1001.68	1001.68	1001.76	1001.80	1001.78	1001.72	1001.66	1001.71
	6	1001.68	1001.72	1001.74	1001.81	1001.82	1001.82	1001.84	1001.86	1001.90	1001.90	1001.88	1001.90	1001.82
	7	1001.93	1001.96	1002.05	1002.08	1002.07	1002.04	1002.01	1002.00	1002.00	1001.96	1001.88	1001.87	1001.99
	8	1001.95	1002.05	1002.12	1002.16	1002.18	1002.24	1002.31	1002.37	1002.41	1002.39	1002.40	1002.47	1002.25
	9	1002.54	1002.58	1002.59	1002.57	1002.58	1002.60	1002.59	1002.54	1002.50	1002.45	1002.39	1002.31	1002.52
	10	1002.27	1002.24	1002.21	1002.18	1002.13	1002.13	1002.13	1002.08	1002.01	1001.97	1001.95	1001.88	1002.10
	11	1001.78	1001.72	1001.67	1001.64	1001.62	1001.57	1001.51	1001.52	1001.56	1001.54	1001.52	1001.51	1001.59
	12	1001.47	1001.43	1001.41	1001.44	1001.45	1001.43	1001.42	1001.38	1001.37	1001.36	1001.39	1001.43	1001.41
	13	1001.39	1001.35	1001.37	1001.38	1001.32	1001.29	1001.27	1001.28	1001.30	1001.29	1001.29	1001.31	1001.32
	14	1001.35	1001.38	1001.37	1001.37	1001.35	1001.25	1001.17	1001.15	1001.12	1001.13	1001.15	1001.14	1001.24
	15	1001.15	1001.14	1001.07	1000.96	1000.91	1000.93	1000.93	1000.91	1000.94	1000.89	1000.81	1000.79	1000.95
	16	1000.85	1001.02	1001.18	1001.21	1001.21	1001.22	1001.14	1001.08	1001.21	1001.44	1001.54	1001.65	1001.23
	17	1001.81	1001.96	1002.09	1002.14	1002.15	1002.32	1002.49	1002.31	1002.08	1002.09	1002.12	1002.12	1002.14
	18	1002.11	1002.15	1002.19	1002.17	1002.13	1002.10	1002.06	1001.99	1001.95	1001.97	1001.97	1002.01	1002.06
	19	1002.03	1002.04	1002.09	1002.12	1002.12	1002.12	1002.12	1002.07	1002.00	1001.96	1001.91	1001.87	1002.03
	20	1001.89	1001.91	1001.93	1001.94	1001.93	1001.94	1001.91	1001.88	1001.89	1001.89	1001.91	1001.95	1001.91
	21	1001.93	1001.93	1002.01	1002.11	1002.22	1002.18	1002.09	1002.09	1002.10	1002.11	1002.16	1002.24	1002.09
	22	1002.29	1002.29	1002.27	1002.26	1002.27	1002.30	1002.28	1002.24	1002.20	1002.20	1002.25	1002.26	1002.26
	23	1002.25	1002.24	1002.22	1002.21	1002.24	1002.27	1002.30	1002.35	1002.40	1002.41	1002.36	1002.33	1002.30
30	0	1002.38	1002.38	1002.36	1002.33	1002.32	1002.33	1002.34	1002.39	1002.44	1002.49	1002.56	1002.64	1002.41
	1	1002.70	1002.74	1002.71	1002.65	1002.60	1002.53	1002.51	1002.59	1002.67	1002.73	1002.76	1002.76	1002.66
	2	1002.82	1002.85	1002.84	1002.81	1002.76	1002.73	1002.69	1002.66	1002.64	1002.65	1002.69	1002.72	1002.74
	3	1002.70	1002.66	1002.62	1002.60	1002.61	1002.64	1002.64	1002.63	1002.63	1002.59	1002.55	1002.50	1002.61
	4	1002.44	1002.40	1002.38	1002.37	1002.35	1002.34	1002.34	1002.37	1002.42	1002.46	1002.48	1002.52	1002.40
	5	1002.51	1002.48	1002.45	1002.43	1002.48	1002.57	1002.68	1002.77	1002.80	1002.82	1002.84	1002.91	1002.64
	6	1002.93	1002.90	1002.91	1002.93	1002.95	1002.98	1003.04	1003.09	1003.11	1003.15	1003.21	1003.25	1003.04
	7	1003.26	1003.30	1003.36	1003.41	1003.44	1003.47	1003.51	1003.54	1003.57	1003.61	1003.67	1003.71	1003.49
	8	1003.70	1003.73	1003.79	1003.82	1003.83	1003.82	1003.85	1003.89	1003.92	1003.94	1003.97	1004.00	1003.85
	9	1004.02	1004.05	1004.07	1004.16	1004.25	1004.27	1004.30	1004.35	1004.36	1004.35	1004.36	1004.32	1004.24
	10	1004.27	1004.25	1004.25	1004.24	1004.21	1004.17	1004.09	1004.02	1004.00	1003.99	1003.93	1003.90	1004.11
	11	1003.89	1003.84	1003.77	1003.75	1003.74	1003.72	1003.81	1003.97	1004.00	1003.96	1003.95	1003.95	1003.86
	12	1003.93	1003.85	1003.81	1003.87	1003.87	1003.80	1003.77	1003.77	1003.78	1003.77	1003.75	1003.78	1003.81
	13	1003.78	1003.74	1003.71	1003.70	1003.72	1003.73	1003.70	1003.65	1003.61	1003.61	1003.64	1003.67	1003.69
	14	1003.68	1003.68	1003.69	1003.75	1003.80	1003.78	1003.77	1003.80	1003.79	1003.81	1003.88	1003.88	1003.77
	15	1003.86	1003.85	1003.90	1004.01	1004.06	1004.06	1004.09	1004.16	1004.21	1004.24	1004.23	1004.19	1004.07
	16	1004.16	1004.19	1004.20	1004.19	1004.22	1004.24	1004.21	1004.22	1004.26	1004.26	1004.25	1004.26	1004.22
	17	1004.30	1004.34	1004.37	1004.41	1004.45	1004.46	1004.43	1004.41	1004.38	1004.37	1004.38	1004.41	1004.39
	18	1004.50	1004.58	1004.62	1004.65	1004.66	1004.65	1004.62	1004.60	1004.61	1004.62	1004.65	1004.69	1004.62
	19	1004.72	1004.74	1004.79	1004.80	1004.77	1004.71	1004.67	1004.72	1004.75	1004.75	1004.77	1004.76	1004.74
	20	1004.74	1004.78	1004.84	1004.88	1004.87	1004.81	1004.71	1004.61	1004.61	1004.60	1004.60	1004.75	1004.73
	21	1004.97	1005.11	1005.17	1005.21	1005.28	1005.41	1005.47	1005.44	1005.39	1005.37	1005.30	1005.21	1005.27
	22	1005.14	1005.03	1005.01	1005.13	1005.23	1005.21	1005.16	1005.09	1005.10	1005.16	1005.16	1005.16	1005.13
	23	1005.18	1005.18	1005.18	1005.21	1005.22	1005.19	1005.24	1005.34	1005.35	1005.36	1005.46	1005.51	1005.28

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
31	0	1005.59	1005.58	1005.55	1005.58	1005.67	1005.76	1005.84	1005.90	1005.95	1006.04	1006.23	1006.35	1005.85
	1	1006.33	1006.27	1006.25	1006.31	1006.31	1006.28	1006.31	1006.37	1006.43	1006.46	1006.46	1006.46	1006.35
	2	1006.50	1006.54	1006.56	1006.57	1006.55	1006.52	1006.56	1006.71	1006.88	1006.97	1007.05	1007.17	1006.71
	3	1007.27	1007.35	1007.44	1007.49	1007.54	1007.58	1007.57	1007.58	1007.63	1007.69	1007.72	1007.73	1007.55
	4	1007.73	1007.75	1007.76	1007.80	1007.86	1007.85	1007.86	1007.90	1007.90	1007.93	1007.99	1008.06	1007.86
	5	1008.13	1008.19	1008.26	1008.34	1008.42	1008.46	1008.53	1008.62	1008.72	1008.83	1008.93	1009.01	1008.53
	6	1009.11	1009.19	1009.28	1009.36	1009.42	1009.48	1009.55	1009.61	1009.68	1009.75	1009.82	1009.89	1009.51
	7	1009.97	1010.07	1010.14	1010.18	1010.23	1010.26	1010.28	1010.30	1010.32	1010.39	1010.52	1010.64	1010.27
	8	1010.69	1010.72	1010.75	1010.76	1010.79	1010.87	1010.96	1011.00	1011.05	1011.10	1011.09	1011.11	1010.90
	9	1011.19	1011.30	1011.44	1011.52	1011.57	1011.62	1011.65	1011.64	1011.62	1011.62	1011.62	1011.61	1011.53
	10	1011.57	1011.52	1011.47	1011.41	1011.37	1011.32	1011.28	1011.25	1011.22	1011.18	1011.16	1011.15	1011.32
	11	1011.13	1011.10	1011.06	1011.04	1011.05	1011.04	1010.99	1010.94	1010.90	1010.87	1010.82	1010.77	1010.97
	12	1010.75	1010.76	1010.73	1010.69	1010.66	1010.64	1010.59	1010.54	1010.54	1010.54	1010.49	1010.45	1010.61
	13	1010.49	1010.54	1010.56	1010.56	1010.55	1010.56	1010.60	1010.63	1010.67	1010.70	1010.72	1010.75	1010.61
	14	1010.78	1010.82	1010.87	1010.90	1010.90	1010.92	1010.98	1011.03	1011.06	1011.06	1011.07	1011.08	1010.95
	15	1011.11	1011.13	1011.15	1011.18	1011.22	1011.27	1011.29	1011.27	1011.27	1011.30	1011.33	1011.37	1011.24
	16	1011.41	1011.43	1011.46	1011.50	1011.53	1011.56	1011.61	1011.65	1011.71	1011.75	1011.78	1011.79	1011.60
	17	1011.79	1011.82	1011.86	1011.88	1011.90	1011.94	1012.00	1012.01	1012.01	1012.01	1012.01	1012.06	1011.94
	18	1012.13	1012.14	1012.11	1012.11	1012.11	1012.11	1012.11	1012.09	1012.07	1012.10	1012.10	1012.07	1012.10
	19	1012.10	1012.12	1012.15	1012.20	1012.22	1012.22	1012.23	1012.25	1012.29	1012.34	1012.38	1012.42	1012.24
	20	1012.43	1012.40	1012.38	1012.39	1012.43	1012.47	1012.49	1012.50	1012.53	1012.54	1012.52	1012.51	1012.47
	21	1012.56	1012.63	1012.67	1012.67	1012.68	1012.69	1012.69	1012.70	1012.71	1012.68	1012.65	1012.65	1012.66
	22	1012.64	1012.65	1012.63	1012.59	1012.61	1012.62	1012.58	1012.56	1012.54	1012.51	1012.46	1012.41	1012.56
	23	1012.41	1012.40	1012.38	1012.35	1012.32	1012.29	1012.26	1012.26	1012.27	1012.24	1012.18	1012.15	1012.29

