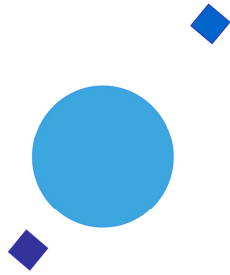


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SVIRCO Prompt Report: January 2020

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: January 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 January 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,

monica.laurenza@iaps.inaf.it



S.V.I.R.CO. Observatory

Rome

Italy



INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – January 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	38372	38764	38740	38752	38339	38075	38440	37679	38403	38395	38294	38380	101.338
	1	37885	38010	38151	38790	37832	38270	38499	37928	38057	38945	38810	37986	101.016
	2	38018	38260	38436	38264	38246	38394	37711	38639	37866	38259	38366	38367	100.941
	3	38057	38111	38307	38353	38547	38782	38589	38159	38497	38417	38441	37479	101.143
	4	38055	38934	37852	38437	38646	38766	38187	38140	38184	38707	38207	38422	101.318
	5	37960	38319	38722	38559	38887	38481	38211	38086	38242	38065	37965	38098	101.111
	6	38403	39087	38497	38852	38862	37908	38968	38415	38962	38101	38431	38491	101.855
	7	38256	38786	37962	38092	38650	37955	38441	38209	38285	38146	38425	38791	101.199
	8	38627	38202	38191	38297	38800	38720	37970	38445	38734	38320	38699	38283	101.483
	9	37944	38446	38163	38888	38340	38577	38698	38541	38466	38581	37921	38793	101.499
	10	38441	37657	38447	38522	38480	38162	38148	38112	38610	38792	38381	38023	101.151
	11	38100	38606	37782	39285	37837	38221	37849	38889	38450	38782	38297	38395	101.309
	12	38299	38301	38007	38138	38020	37949	38114	37922	38483	38309	38416	38196	100.794
	13	38384	38438	38484	38270	37641	38471	37941	38108	38353	37986	38529	38307	100.961
	14	38098	37857	38266	37952	38322	38381	37911	38329	38511	38158	38467	38145	100.847
	15	38381	38371	38052	38267	38081	38369	38363	38293	38357	37992	38434	38533	101.088
	16	38557	38536	38252	38288	38544	38351	38746	38209	38490	38153	38607	38687	101.512
	17	38217	39184	38413	37794	37790	38518	38357	38422	37903	37767	38710	38146	101.029
	18	38750	38176	38216	37890	38778	38144	38405	38619	38788	37888	37645	38535	101.164
	19	38743	37900	38388	38325	38231	38625	38172	37665	37392	38314	38339	37767	100.729
	20	38364	38308	38459	38407	37856	38477	38186	38518	38587	38113	38177	38208	101.125
	21	38217	37987	38102	38585	37985	38225	38592	38073	38153	38890	38440	38622	101.171
	22	38343	38134	37851	38006	38659	38305	38115	38969	37998	38447	37821	37710	100.839
	23	38106	38044	38332	38604	38028	37948	38237	38155	38615	38223	38434	38511	101.033
2	0	38301	38131	38836	38005	38134	38430	38021	37720	38307	38164	38320	38465	100.947
	1	39017	38009	37934	38173	38580	38954	38581	38524	38209	38683	38280	38558	101.531
	2	38070	38409	37847	37985	38570	38459	38640	38032	38206	38852	38211	38944	101.250
	3	38161	38479	38284	38858	38282	38424	38241	38523	38551	38731	38653	38081	101.479
	4	38667	37994	38460	38398	38190	38187	38790	38546	37808	37923	38319	38313	101.111
	5	38009	38091	38428	37666	38506	39157	38716	38078	38753	38212	38428	38664	101.355
	6	38123	38603	38288	37763	37863	38224	38902	37986	38412	37909	38133	38155	100.839
	7	38331	37948	38415	37991	38737	38043	38820	38054	38475	38099	38114	38318	101.056
	8	38062	38173	38033	38726	38030	38017	38552	38797	38579	38719	38461	38127	101.260
	9	38641	38650	38149	38325	38572	38527	38110	38137	38181	37894	38277	38306	101.150
	10	38244	38313	37934	37840	38758	37999	38166	38379	38697	38558	38356	38292	101.098
	11	38170	38309	38917	38392	38086	38870	38034	38196	38418	38698	38265	38374	101.360
	12	38307	38417	38177	38049	38795	38260	38147	38598	38206	38201	38661	38594	101.291
	13	37930	38164	38557	38337	38044	38819	38503	38580	38624	39083	38655	38150	101.518
	14	38332	38504	38376	38229	38179	38325	39179	38569	38364	38843	38466	39035	101.728
	15	38033	38177	37890	38720	38374	38449	38187	38140	38285	38542	38168	38707	101.128
	16	38815	38477	38535	38497	38460	38385	38551	38122	38682	38550	38303	38639	101.644
	17	38100	37764	37632	37867	38203	38927	38398	38469	39015	38831	37959	38429	101.110
	18	38732	38742	38345	38026	38739	37911	38129	38070	38251	38677	38195	38058	101.172
	19	38121	38187	38054	38142	38156	38570	38413	38468	38154	38214	38429	38568	101.085
	20	38119	38258	38619	38449	38489	37825	38381	37916	38078	38378	38410	38399	101.051
	21	37908	38401	38359	38413	37575	38043	37979	38235	38353	38370	38180	38480	100.825
	22	38344	38252	37895	38267	38579	37672	38471	38050	38673	38879	38067	38572	101.139
	23	38568	38107	38646	38229	38916	37849	38304	38171	38296	38678	38243	38563	101.326

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – January 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	38317	38039	38639	38032	38137	37913	38074	38191	38411	38220	38031	38056	100.766	
	1	38343	38873	38185	38734	38426	38490	38329	38720	38597	38319	38415	38406	101.604	
	2	38454	38599	38768	38274	38722	38226	38120	38437	38182	38456	37994	38386	101.336	
	3	38243	38569	38487	38677	38086	38613	38163	38641	37508	38423	38948	38456	101.379	
	4	38496	38700	38775	37856	37724	38562	38467	38337	38553	38659	38795	38331	101.476	
	5	37959	38802	38757	38771	38054	38798	38025	38654	38245	38871	38762	38174	101.612	
	6	38255	37841	38469	38483	38383	37997	38438	38941	38551	37977	38192	37759	101.043	
	7	38759	38590	38397	38070	38476	38623	38728	38526	38853	38479	38475	38758	101.801	
	8	38695	38252	38779	38643	38743	38764	38389	38361	38183	38962	38695	39007	101.964	
	9	38503	39138	38136	38939	37749	38444	39182	39346	38472	38313	38822	38382	101.954	
	10	38204	38248	38597	38628	39157	38663	39043	38443	38249	38197	39238	38448	101.886	
	11	38051	38734	38215	38584	38509	37798	38805	38069	38640	38590	38439	38333	101.369	
	12	38745	38181	38249	38184	38532	38643	39065	37936	38503	38192	38163	38794	101.462	
	13	38678	38375	37889	38092	38498	37790	37983	38393	38008	38097	38804	38734	101.055	
	14	38342	38248	38969	38090	38920	38760	38319	38430	38177	39485	38306	38953	101.860	
	15	38542	38013	38642	38448	38626	38375	38285	38572	38240	38209	38124	38727	101.376	
	16	38544	38444	38471	38221	37559	38024	37748	37990	38130	38522	38761	38178	100.890	
	17	38153	38520	38763	38062	38236	38294	38194	38102	38123	38096	38006	38604	101.014	
	18	37849	38342	38754	38394	38041	38615	38563	38496	38075	38577	38219	38441	101.281	
	19	38280	38748	38401	37914	37729	38395	37905	38630	38704	38320	37899	38245	101.017	
	20	38311	38395	38286	38658	38130	38400	38667	38738	38038	38192	38849	38397	101.433	
	21	38226	38569	38826	38022	38313	38610	38656	38101	38531	38176	38289	38605	101.403	
	22	38552	38738	38642	38607	38880	38434	38279	38800	38278	38594	38620	38005	101.734	
	23	37740	38256	38556	38362	38284	38047	38049	38017	38156	38407	38737	38614	101.030	
4	0	38588	38485	38732	38855	39417	38360	38384	38158	38441	38008	38231	38367	101.643	
	1	39056	38228	38218	38030	38452	38255	38700	38360	39151	38469	38760	38207	101.615	
	2	38798	38240	38421	37891	38657	38648	38480	38113	38699	38487	38236	38439	101.444	
	3	38494	38457	38387	38995	38350	39132	38680	38212	38584	38505	38524	38331	101.783	
	4	38589	39035	38518	38753	38767	38314	39152	38464	38746	38668	38287	38207	101.970	
	5	39111	38516	38326	38545	38800	38053	38095	38225	38690	38429	38590	39469	101.827	
	6	38830	38507	37990	38449	37768	38011	38103	38751	38891	39013	38489	39083	101.615	
	7	38799	38239	38728	38597	38780	38260	38777	38946	38702	38230	38897	38871	102.042	
	8	38571	38496	38882	38391	38182	38497	38658	38669	38168	38681	38468	38417	101.657	
	9	38322	37757	38899	38732	38763	38863	38681	38904	38758	38720	38429	38657	101.967	
	10	38642	38850	38514	38303	38660	37739	38425	37989	38528	38611	38121	38852	101.472	
	11	37925	38452	38489	38847	38695	38023	39095	38731	38354	38689	38077	37988	101.500	
	12	38731	38738	38658	38056	38531	38112	38493	38842	39014	38433	38354	38290	101.696	
	13	38135	38705	38671	38303	38225	38493	37901	38744	38330	38708	38426	38597	101.472	
	14	38373	38420	38620	38446	38275	38290	38092	38272	38075	38851	39068	38094	101.393	
	15	38249	38700	38223	37840	38469	38414	38662	38274	37999	38099	38703	38688	101.270	
	16	38445	38854	38391	38811	39281	38566	38097	38391	38426	38040	38467	38648	101.732	
	17	39032	38655	39048	39474	38790	38570	38321	38231	38864	38400	38529	38927	102.265	
	18	37983	38330	38317	38315	38918	38855	38690	38709	38898	37965	38584	38535	101.662	
	19	38483	38709	38908	38474	38772	38131	38711	38614	38429	38225	38652	38622	101.801	
	20	38298	38241	38490	38403	38801	38101	38451	38387	38515	38379	39226	38382	101.568	
	21	38208	38155	38387	38542	38690	38776	38841	38396	38558	38656	38179	38336	101.579	
	22	38441	38402	39113	38854	37899	39052	38520	38160	38251	38736	37939	38334	101.574	
	23	38463	38254	38774	38275	37760	38668	38446	38431	38655	38920	38713	38741	101.662	

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – January 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	38530	38793	38449	38655	38499	38210	39244	37298	38839	38854	38189	38201	101.586
	1	38568	38901	38421	38612	38288	38086	38315	38382	38776	38288	38326	38648	101.555
	2	38988	38148	38735	38829	38788	38705	38931	38594	38490	38197	38505	38181	101.880
	3	38434	39283	38544	38673	38085	37935	37801	38398	38586	38129	38401	38141	101.290
	4	38769	39073	38971	38617	38688	39143	38525	39081	38373	38282	39172	38686	102.384
	5	39022	38936	39124	39021	38418	38528	38603	38374	38449	39350	38749	38566	102.331
	6	38775	38363	38147	39012	38361	38632	38899	38106	38668	38358	38688	38691	101.794
	7	38264	37849	38259	38413	38257	38949	38402	38671	38581	38262	39064	39061	101.646
	8	38459	38242	38463	38599	38672	38191	38125	38586	38585	38443	38434	38391	101.462
	9	38367	38810	38879	38789	38747	38917	39273	39107	38725	38430	39100	38705	102.487
	10	38409	38793	38295	38341	38029	38148	38766	38035	39201	38388	38478	38306	101.461
	11	38260	38535	38130	38184	38545	38402	38651	38695	38306	38161	38243	38421	101.317
	12	38030	38326	38100	38728	38586	38137	38616	37881	38227	38240	38091	38484	101.078
	13	38877	38598	38122	37740	39067	38428	38009	38049	38159	38019	38054	38299	101.073
	14	38617	39026	38301	38402	38464	38223	38211	38782	38178	37932	38046	38295	101.305
	15	38250	39226	38356	38492	38533	38712	38530	37726	37962	38152	38467	38548	101.411
	16	38413	38346	38249	38109	37632	37917	38582	38505	38110	37988	38217	38120	100.802
	17	38332	37481	38337	38278	38407	38092	38645	38386	37627	38133	38666	38721	101.003
	18	38255	38694	38275	38992	38637	38243	37869	37976	38053	38479	38054	38257	101.153
	19	38356	38071	38144	38265	38060	38428	37946	37886	37995	38143	38002	38857	100.793
	20	38157	38044	38004	38921	38343	38778	38614	38355	37431	38447	38554	38710	101.279
	21	37081	38461	38619	39224	37675	38014	37475	38594	38141	38578	38225	38191	100.821
	22	38744	38331	37768	38063	38190	37962	37950	38610	37883	38481	38459	38263	100.915
	23	37937	38126	37647	38413	37625	38430	37898	37959	38414	38242	38168	38155	100.543
6	0	38677	38686	37778	38302	37991	38187	38390	37998	38225	38405	38109	38685	101.077
	1	38276	37912	38126	37953	37724	38148	38179	38589	38086	38470	38321	37998	100.712
	2	38559	37804	37647	38164	38173	38544	38977	38512	38777	38069	37634	38895	101.147
	3	37907	38593	38693	38438	38003	38339	38579	39247	38105	38046	38713	37770	101.295
	4	38363	38398	38528	38382	38241	38147	38417	38557	38125	37965	38623	37905	101.123
	5	37843	38221	38080	38250	38382	38147	38407	38077	38790	38701	37965	38334	101.023
	6	38495	37824	37863	38446	38439	39185	37880	38707	38399	38218	37972	39281	101.356
	7	38953	38387	38090	38915	38882	38369	38568	38345	37994	38522	38192	38463	101.570
	8	38968	39206	38746	38231	38921	38253	38593	38365	38212	37841	38528	38865	101.801
	9	38351	38331	39074	38361	38865	38908	38438	38305	38554	38362	39081	38785	101.952
	10	38943	39085	38302	38358	38412	38070	38566	38227	38364	38780	38223	38178	101.531
	11	38452	37852	38221	38349	39266	38368	38557	38462	38556	38840	38975	38620	101.755
	12	38239	39192	38793	38102	38880	38308	38531	38020	38618	38543	38626	38850	101.795
	13	37685	38525	38957	38001	38001	38535	38284	38667	38674	38536	38313	37908	101.219
	14	38712	38521	38741	38261	38531	38363	38724	38407	38407	38111	38505	38501	101.593
	15	38137	37966	38494	38236	38712	37934	38502	37526	38583	38461	38475	38186	101.027
	16	38192	37598	38341	38143	38423	38423	37463	38492	38154	38336	38051	38028	100.682
	17	38312	38164	37973	37960	38121	37942	38585	38051	38028	38166	38291	38537	100.789
	18	38205	38244	38390	38029	37887	38420	38276	38385	38138	38381	38296	38588	101.033
	19	38630	38851	38743	38898	38257	38311	38279	39166	37795	38177	38512	38484	101.663
	20	38025	38705	38645	38721	37945	38485	38333	38379	38574	37981	37979	37896	101.127
	21	38466	38607	38140	38675	38476	37708	38569	38346	38480	38508	38181	38611	101.369
	22	38340	39242	37680	38243	38075	38325	38670	38497	38428	38536	37920	38732	101.351
	23	38666	38166	38786	39141	38066	38454	38245	38140	38237	38285	38132	38645	101.412

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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	38323	38305	39287	38729	38520	38466	38870	38205	38209	37967	38619	37944	101.514	
	1	38258	38068	38314	38180	38632	38385	38796	38377	37833	38088	38308	38502	101.143	
	2	38132	38821	38694	38264	38200	38025	38292	38087	37888	38540	37846	38145	100.965	
	3	38514	38406	38145	37960	38115	38708	38252	37978	38344	37980	38264	37930	100.891	
	4	37694	37720	38463	38145	38178	38429	38286	39114	37894	38604	38372	38253	101.014	
	5	38806	38728	38243	38219	38542	38692	38505	38653	38773	38074	38392	38403	101.647	
	6	38419	38480	38685	38335	37583	38727	38168	38358	38229	38857	38274	38372	101.307	
	7	38771	38148	39029	38137	38270	38230	38333	37857	38860	38113	38737	38745	101.471	
	8	38333	38627	38517	38416	37924	39055	38821	38765	38477	38248	38037	37960	101.460	
	9	38515	38706	38519	38209	38411	37846	39044	38705	37667	38674	37907	38538	101.363	
	10	38515	38074	38459	38679	38124	38314	38383	38170	38441	38438	38629	37958	101.241	
	11	38421	38174	38987	38633	38895	38082	38599	38663	38383	38258	38120	38106	101.490	
	12	38343	38392	39000	38220	37866	38726	37753	38639	37597	38586	38395	38756	101.260	
	13	38298	38445	37947	38290	38385	38245	38599	38103	38304	37837	38512	38755	101.138	
	14	38529	38450	38346	38040	38088	38557	37961	37955	38123	38012	38828	38293	101.020	
	15	37777	38682	38418	38456	38163	38501	38490	38417	38073	38323	38395	38270	101.192	
	16	38408	38118	38041	38883	38559	38455	38246	38641	38035	38543	38348	38119	101.287	
	17	38619	38144	38530	38923	38590	38307	38719	38058	38593	37930	37596	38847	101.388	
	18	38169	38533	38367	38568	38484	38035	37952	38327	38585	38625	38287	38400	101.273	
	19	38728	37928	38088	38562	38295	38012	38639	38315	38501	38747	38151	38681	101.342	
	20	37912	38092	38027	37752	38192	38347	38331	38335	38301	37925	38808	38438	100.861	
	21	38143	37930	38209	37754	38517	38343	38125	37756	38602	38609	38535	37782	100.827	
	22	38285	38533	38479	38361	38670	38307	38670	38122	38402	38332	38189	38038	101.285	
	23	38257	38610	38552	38339	38135	38043	38280	38212	38572	38673	38165	38266	101.223	
8	0	38583	38018	38572	38088	38463	38238	38080	38352	38386	38273	38494	38189	101.145	
	1	38884	38424	38010	38177	38098	38396	38119	38347	38419	37957	38548	38813	101.242	
	2	38007	38841	38292	38753	38061	38581	38228	38269	38024	38493	38617	37728	101.176	
	3	38101	38090	38954	38342	38179	38478	37679	38844	38108	38479	38207	38355	101.159	
	4	38171	38344	38533	38757	38283	38269	37709	38049	38296	38573	38600	38948	101.317	
	5	38427	38767	37987	38862	38327	38330	38850	37984	38509	38626	38346	38612	101.558	
	6	38356	38178	39101	38499	38245	38476	38420	38204	38201	38400	38699	38359	101.451	
	7	38556	37771	39071	38639	38414	38431	38771	37748	38884	38967	38057	38603	101.620	
	8	38539	38286	38362	38844	39115	38439	38649	38505	38668	38900	38456	38079	101.826	
	9	38388	38967	38317	38753	38617	38960	38350	38574	38950	37865	38850	39202	102.035	
	10	38716	37945	38857	38810	38119	39141	38501	38280	38598	37810	38698	38568	101.649	
	11	38469	38530	38216	39174	38740	38773	39014	38802	38361	38497	38406	38304	101.923	
	12	38313	37847	38043	37856	38098	38490	38187	38705	38454	39007	38310	38266	101.107	
	13	38348	38241	38079	37733	38452	38218	37794	38773	38263	38533	37906	37972	100.828	
	14	39125	38660	38829	38579	38099	38730	38216	38117	38498	38443	38749	38634	101.790	
	15	37763	38933	38187	38572	38227	38979	38666	38958	38799	38651	38307	38471	101.753	
	16	38971	38390	38500	39012	38110	38493	38223	38172	38499	38230	38033	38590	101.469	
	17	38785	38300	37896	37930	38667	38538	38763	38651	38214	38089	38173	38371	101.283	
	18	39022	38592	38480	38409	38805	38613	38372	38466	38673	38700	39037	38517	102.011	
	19	38450	38299	38542	38710	38316	38375	38954	37919	38847	38277	38330	38573	101.550	
	20	38223	38789	38318	38351	38531	38618	38517	38214	38116	38354	38486	38524	101.429	
	21	38219	39088	38149	38242	38786	38838	38523	38356	39085	38536	38433	38831	101.879	
	22	38373	38738	38046	38464	38351	38362	38076	38296	38898	38701	38430	37872	101.333	
	23	38021	38522	38809	38807	38199	38584	38748	38625	38575	38301	38956	37922	101.655	

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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	38229	38546	38550	38528	38569	38993	38153	38104	38378	38245	37912	37962	101.242
	1	38316	38909	38328	38097	38300	38628	38998	38484	38053	38166	38044	38254	101.327
	2	37985	38386	38530	38743	38138	38684	37989	38244	38666	37811	38164	38503	101.166
	3	38741	38108	38185	38625	38149	38605	38869	38631	38063	39159	38099	37986	101.468
	4	38444	39195	38364	38398	38404	38461	37996	38756	38391	38196	38550	38482	101.560
	5	38051	38051	38259	38618	38254	38394	38308	38333	37975	38140	38033	38394	100.938
	6	38499	38629	38551	38674	39106	38608	38395	38966	38703	38019	37999	39193	101.935
	7	38614	38294	38504	38858	38602	38443	39007	39181	38825	38796	38757	38600	102.186
	8	38517	38275	38774	38246	38291	38620	38259	38537	38530	38584	37888	38578	101.442
	9	38263	38247	38090	38985	38703	38535	38112	38464	38090	39015	38667	38424	101.551
	10	38564	38678	38812	38705	38215	38684	38309	39091	38749	37893	38524	38416	101.780
	11	38276	38219	38909	38633	38674	38218	38770	38586	38389	38712	38805	38486	101.790
	12	38831	37514	38787	38530	38249	38621	38364	38690	38571	38361	38753	38952	101.690
	13	38640	38343	38552	38554	37869	38956	37577	38345	37723	37886	38785	38010	101.033
	14	38682	38392	38636	38693	38587	38462	38469	38578	38106	37955	38305	38740	101.553
	15	37913	38179	37704	38407	38535	38081	38333	38629	38449	37949	38281	38603	100.994
	16	38933	38618	37424	38285	38406	38866	38294	38633	37925	38345	37922	38481	101.229
	17	38468	38275	38423	38857	37910	37876	38602	37989	38112	38349	38537	38023	101.073
	18	38850	38205	37990	37819	38485	38700	38057	38130	38276	38356	38171	38541	101.108
	19	37936	38232	38412	37945	38167	38856	38981	38539	38525	38300	38335	37823	101.211
	20	38223	38490	37832	38071	38371	38260	38856	38395	38158	38284	38292	37821	100.992
	21	38442	38073	38550	38445	38364	38455	38187	38318	38338	38656	38462	38456	101.365
	22	38623	38537	38475	38479	38646	38749	38343	38422	38310	38665	38070	37930	101.475
	23	38547	38888	38830	38624	37998	38352	38759	39141	38039	38620	38083	38057	101.627
10	0	39043	38166	38111	38409	38234	38471	38556	38789	38008	38307	37957	38712	101.364
	1	38263	38408	37697	38342	38167	38676	38679	38887	39011	38568	38254	38152	101.443
	2	38349	38406	38888	38529	38818	38422	38716	38224	37776	37939	38520	38504	101.440
	3	38666	38340	38256	38361	38094	38341	39233	38456	38119	38073	38646	38066	101.343
	4	38304	38575	38097	38856	37808	38229	38350	38209	39031	38656	38628	38445	101.461
	5	38158	38500	38822	39121	38772	38495	38598	38490	38113	38516	38337	39181	101.882
	6	38886	38251	38933	37944	38803	38522	39366	39009	39049	38765	38594	38990	102.325
	7	38815	38319	38345	38909	38700	38342	38614	39032	38678	38481	38430	38302	101.853
	8	38620	39426	38568	38702	37925	39204	38437	38341	38442	38484	38876	38797	102.041
	9	38602	38641	39294	38904	38568	38312	38318	38936	38395	38711	38451	38916	102.090
	10	38498	38406	38343	38294	38841	38744	39036	38548	38856	38567	38254	38452	101.825
	11	38492	38683	39599	38612	38861	37855	38764	38651	38323	38589	38644	38447	101.974
	12	38799	38366	38402	38303	38942	38574	38292	38143	38405	39293	38161	39166	101.826
	13	38584	38034	38759	39005	38280	38800	38702	38849	38721	38589	38288	38052	101.786
	14	38000	38529	38763	38766	38705	38300	38483	37810	38615	38834	38299	38724	101.602
	15	38902	38808	38728	38474	38390	38626	38426	38276	38662	38303	38519	38231	101.716
	16	38585	38091	38500	38789	38699	37825	38156	38903	38802	38380	38778	38685	101.682
	17	38373	39079	38476	38524	38771	38373	37914	37919	38383	38509	38576	37958	101.389
	18	38124	38873	38258	38305	38948	38617	38793	37755	39074	38917	38824	38666	101.894
	19	38611	38904	38382	38603	38566	38552	38165	38488	38600	38643	38230	38370	101.665
	20	38609	38489	39065	38205	38845	38473	38357	38323	38681	38331	38274	38355	101.642
	21	38650	38855	38379	38889	38980	37821	38844	38643	38376	38196	38415	38542	101.770
	22	38161	38610	38314	38368	38884	38953	37887	38584	38323	38548	38323	38177	101.449
	23	38318	38955	38808	38584	38615	38477	38375	38639	38475	37756	38196	37973	101.458

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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	38459	37782	37907	38518	38611	38333	38728	37970	38279	38250	38018	38339	101.026	
	1	38393	38335	38290	38014	38713	39229	37802	38209	38367	38863	38427	38490	101.449	
	2	38564	38808	38571	38185	38457	38393	39044	39151	38719	38390	39226	38917	102.174	
	3	39051	37838	38322	39169	38329	38322	38528	38982	39271	38386	39661	38386	102.134	
	4	38693	38828	38684	37851	38671	38491	38365	38710	37872	39011	38508	38971	101.784	
	5	38641	38601	38976	38521	38345	38028	38377	38424	39106	38640	38011	38881	101.761	
	6	39161	38401	38789	38474	38372	38764	38538	38801	38688	38931	38826	38702	102.178	
	7	38566	38454	38712	38016	37860	39046	38197	38499	38579	38392	38066	39093	101.525	
	8	38572	39222	38678	38273	38549	38973	39129	38772	38149	38301	38635	38552	102.037	
	9	38459	38599	38098	38361	39038	38401	38565	38415	38493	38665	38648	38042	101.592	
	10	38518	38493	38522	38163	38809	38579	38439	38992	38510	38443	38425	39027	101.843	
	11	38298	38982	38747	38434	38300	38804	38741	38608	38694	38299	39243	38118	101.919	
	12	38675	38371	38268	38435	38608	38683	38529	38361	38538	38988	38765	38968	101.902	
	13	38885	38570	38924	38419	38543	38677	38565	38250	37824	38748	38261	38981	101.782	
	14	38135	38774	38693	38268	38401	38223	38305	38226	38414	38310	38875	38120	101.364	
	15	38309	38471	38771	38882	38140	38255	38398	38143	38216	38928	38571	38689	101.590	
	16	37726	38441	38529	38695	38400	38416	38149	38740	38808	38646	38267	38746	101.544	
	17	38324	38371	38121	37761	38094	38801	38373	39479	38451	38503	37986	38073	101.274	
	18	38534	38344	38077	38348	38238	38098	38749	38470	38998	38148	38963	38455	101.513	
	19	37924	38815	38496	38519	38613	38594	38131	38605	38228	38768	39111	38117	101.623	
	20	38816	38368	38326	38802	38820	38208	38411	38320	38220	38404	38290	38513	101.530	
	21	39148	38760	38104	38301	39121	38644	38899	38329	38437	38755	38473	38222	101.903	
	22	38412	38945	38262	38202	38182	38713	38499	38057	38071	38851	38191	38427	101.378	
	23	38474	38672	38248	38541	38435	38674	38009	38898	38620	38764	38553	38249	101.670	
12	0	37446	38500	38390	38428	37934	38309	38029	38539	38510	38930	38123	38783	101.186	
	1	39076	39137	38597	38211	39124	38945	38607	39068	38521	38264	38562	38614	102.240	
	2	39038	37724	38045	38980	38342	38098	38035	38906	39300	38389	38289	38222	101.501	
	3	39335	38783	38786	39139	38266	38488	39027	38893	38807	38362	38118	38684	102.231	
	4	38457	38333	38776	39192	39103	37969	38386	38714	38517	39674	38446	39420	102.297	
	5	38533	38990	38476	38387	38692	38732	38655	38494	38587	38492	38885	38600	101.975	
	6	38697	38828	38453	38416	38480	38320	39251	39109	38516	39066	38579	39039	102.246	
	7	38805	38688	38527	38884	38060	38519	38480	38515	38461	38301	38668	38269	101.679	
	8	38831	38520	38565	38472	39110	38536	39172	38775	38620	38815	38786	38801	102.301	
	9	38646	38168	38571	39220	38493	38690	38928	38061	37840	38365	38392	38259	101.559	
	10	38820	38498	38705	38769	38526	38688	38639	38434	38868	38080	38464	39045	101.978	
	11	38643	39217	38308	38359	39186	38711	38796	38086	38634	39022	38756	38903	102.217	
	12	38874	38729	38542	39401	38798	38100	38610	38477	39470	37998	38983	38489	102.183	
	13	38014	38645	38637	38123	38202	38212	38681	38231	39279	38805	39492	38370	101.793	
	14	38679	38577	38147	38576	38800	38223	38378	38781	38237	38985	38203	38440	101.646	
	15	38925	38296	37691	39008	38580	37935	38474	38301	38116	39152	38372	38621	101.524	
	16	38786	38289	39235	38447	38625	38531	37899	38463	38457	38526	38951	37967	101.679	
	17	38731	38146	38200	38258	38219	38605	38049	38694	38543	38627	38251	38810	101.449	
	18	38191	38587	37674	38067	38629	38257	38451	38418	38296	38912	38527	38365	101.282	
	19	38722	38207	37848	37814	38668	38346	38239	37788	38660	38756	38388	38303	101.143	
	20	38626	38419	38696	38770	38507	38398	38375	38353	38832	38099	38715	38765	101.762	
	21	38290	37990	38504	38461	38538	38327	38693	38337	38372	38976	38215	38709	101.510	
	22	38560	38674	38829	38768	38441	38541	38363	38563	38602	38276	38557	38576	101.805	
	23	38416	38826	38262	37865	38692	37790	38410	38326	38429	38308	38356	38614	101.265	

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Day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
13	0	38430	38358	38314	38498	38318	38658	38805	38934	37930	38598	38625	38702	101.680
	1	38671	38553	38742	38196	38306	38618	38119	38422	38865	37846	38280	38124	101.363
	2	38480	38269	38446	38575	38180	38544	38614	38335	38655	38818	38750	38802	101.743
	3	38854	38564	38950	38371	38637	38709	38495	38675	38966	38213	39169	38556	102.115
	4	38855	38363	38155	38270	38177	38482	38426	38869	38746	38435	38696	37841	101.489
	5	38502	38637	38016	38311	38825	38283	38089	38502	38912	38720	38575	38377	101.584
	6	38559	39323	38430	38473	38375	38827	38919	38622	38095	38299	38373	39257	101.982
	7	38601	39376	38435	38163	38263	38379	38683	39184	38141	38607	38453	38567	101.828
	8	38825	38460	38420	38990	38747	38602	38935	38691	38758	38576	38173	38747	102.064
	9	39123	38410	38706	37846	38954	38298	38132	38330	39226	38765	38704	39213	102.016
	10	38541	38749	38473	38388	38893	38258	38884	39049	38707	38220	38702	38496	101.939
	11	38468	38689	38906	38643	39112	38668	37836	38858	38329	38356	38802	38853	101.975
	12	38075	38563	38617	38358	38464	38458	38074	38501	38277	37703	38250	38461	101.156
	13	38088	38719	38615	38451	38577	38498	38873	38227	38273	38441	38433	38932	101.668
	14	39196	38694	38542	38330	38418	39040	39183	37873	38572	38564	38206	38525	101.892
	15	38263	39331	38754	38263	38487	38304	38378	38211	38300	38820	37436	38849	101.507
	16	38725	38464	38504	38228	38616	38442	38314	38451	38304	38001	38854	38239	101.452
	17	38084	38174	39252	38302	39010	38569	38591	38305	38221	39102	38726	38376	101.797
	18	38209	38487	38908	38468	38174	38873	38411	38344	38396	38628	38695	38254	101.607
	19	38859	38495	37745	38273	38755	38877	38453	38436	38652	39189	38978	38991	102.015
	20	38045	38454	38595	38158	38806	38944	38894	38033	38882	38166	39029	38369	101.723
	21	38432	38262	38324	38750	38263	38637	38279	38037	38534	38689	38715	38880	101.596
	22	38414	38388	38163	38119	38716	38068	38960	38706	38555	38383	38617	38344	101.515
	23	38822	37965	38415	38272	38061	38135	38474	38360	38902	38338	38904	38549	101.464
14	0	38772	37952	37906	38581	39258	38332	38529	38328	38482	38423	38080	38530	101.453
	1	38221	38479	38460	38591	38151	38545	38179	39107	38711	38416	38683	38650	101.683
	2	38814	39185	38503	38489	38761	38427	38807	38624	38886	38886	37966	38642	102.078
	3	38485	38459	38468	38635	38736	38703	39475	38301	38586	38457	38583	38456	101.935
	4	39233	37755	38152	38291	38487	38746	38698	38313	38838	38123	38651	38620	101.620
	5	38702	38115	38650	39161	37624	37882	38749	38265	38843	39141	39046	37851	101.647
	6	38585	38522	38790	39001	38275	38523	38422	38230	38328	38720	38519	38319	101.691
	7	38250	39006	38404	38433	38472	38453	38683	38350	38486	38961	38231	39216	101.848
	8	38527	37931	38813	38654	38532	38941	38637	38130	38931	38363	38608	38630	101.793
	9	39094	38110	38229	38718	38445	38421	37926	38586	38809	38798	38257	39424	101.820
	10	39061	38138	38814	38486	38890	38098	38210	38772	39164	38498	38476	38880	101.967
	11	38934	38954	38396	38688	37811	38548	38724	38992	38477	38034	38291	38823	101.787
	12	38530	38332	38875	38187	38570	39031	38692	38330	38812	38062	38558	38149	101.668
	13	38878	38308	37652	39027	38046	38745	38253	38002	38501	38562	38616	38572	101.456
	14	37865	38537	39126	38695	38253	37757	38561	38464	38012	38655	39019	38476	101.512
	15	38671	38530	38295	38381	38157	38532	38744	38811	38598	38216	38382	38777	101.660
	16	38058	38746	39019	38488	38337	38954	38444	38130	38562	38691	38225	38139	101.595
	17	38298	38596	38077	38771	38044	39020	39030	38589	38668	38457	38647	38815	101.862
	18	38209	38462	38865	38434	38457	38770	38105	38130	38529	39056	38581	38517	101.665
	19	38775	38041	38289	37944	38801	38319	38083	38915	38133	38050	38909	38945	101.465
	20	38395	38554	38489	38579	38109	38365	38560	38643	38294	38280	38710	38709	101.571
	21	38484	38532	38600	38604	38304	38559	38591	38595	39310	38465	37884	38673	101.772
	22	38596	38744	38597	38323	38238	38270	37878	38373	38850	38398	38170	38393	101.383
	23	38437	38492	38775	38356	38777	38657	38761	38466	38547	38232	38297	38357	101.674

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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	38008	38086	38641	38931	38327	38370	37976	38209	38595	38863	37945	39025	101.417
	1	38909	38553	38969	38844	39078	38877	38638	39007	38811	38342	38611	39115	102.466
	2	39091	38066	38854	38318	38578	38285	38317	38585	38981	38647	38634	37558	101.621
	3	38624	38739	38392	38518	38698	38127	38554	38315	38611	38523	38457	38674	101.691
	4	38392	38758	38920	38781	38108	38723	38603	38708	37990	38616	38302	38305	101.686
	5	38358	38345	38547	37840	38738	38385	38219	38198	38789	38089	38624	38605	101.363
	6	38817	38485	38862	38669	38137	38756	38294	38737	38322	38538	38514	37979	101.664
	7	38927	38628	38597	38755	38199	38809	38072	38399	38720	38087	38657	38578	101.734
	8	38067	38251	38544	38072	38322	38629	38763	38802	38848	38464	38680	38298	101.582
	9	38153	38308	38343	38406	38676	38288	38977	38484	38250	38266	38685	38950	101.593
	10	38831	38153	38872	38217	38820	38858	38481	38499	38812	38860	38573	38324	101.926
	11	38236	38364	38778	38722	38273	38598	38606	38534	38781	38074	38393	38483	101.605
	12	38456	38763	38312	38849	38843	37835	38140	38628	38446	38647	38489	38726	101.669
	13	38153	38636	38469	38247	38520	38761	38183	39097	38988	38284	38126	38301	101.589
	14	38329	38227	38358	38559	38695	38604	38740	38612	38270	37985	38608	38552	101.539
	15	38486	38412	38362	38157	38303	38471	38401	38237	38445	38630	38124	38402	101.294
	16	38140	38314	38990	38408	38653	38819	38187	38555	38943	38329	38143	38831	101.709
	17	38601	38523	38511	38584	38591	38385	38905	38829	38464	37836	37532	38219	101.416
	18	38564	38602	37772	38332	38328	37875	37940	38660	38439	38650	38150	38643	101.190
	19	38457	38226	38111	38125	38137	38707	38235	38317	38352	38030	38666	38372	101.142
	20	38574	38354	38216	38695	38105	38044	38196	38639	37798	39022	38084	38633	101.279
	21	38802	38416	38473	38098	38309	39337	38148	38359	38951	38228	37625	38221	101.413
	22	37981	38172	37828	39101	37903	38077	38657	38625	38239	38283	38470	37975	101.048
	23	38131	38101	38845	38431	38755	38741	38543	39005	38585	38335	38562	37802	101.604
16	0	38765	38007	38697	39030	38131	38220	38087	38499	38204	38441	38380	38262	101.359
	1	38207	39162	38325	38394	38217	37831	38238	39042	38948	38974	38301	39033	101.788
	2	38330	38689	38793	37834	38452	38237	38220	38644	38264	37810	38329	38986	101.329
	3	38909	38754	38886	38712	38575	38832	37715	38257	38281	38643	38532	38755	101.828
	4	37968	38664	39009	38478	38829	37736	37744	38047	38612	38454	39144	38507	101.462
	5	38089	37580	38111	38393	38503	38509	38521	38223	38696	38195	38808	38048	101.129
	6	38394	38247	38371	38612	38659	38951	37834	38368	38470	37822	38784	38133	101.342
	7	38647	38362	38274	38017	38311	39113	38920	38362	38506	39026	38388	38636	101.764
	8	38014	38714	38779	38716	38141	38485	37681	39592	38138	38174	37916	38752	101.443
	9	38280	38513	38366	38688	38073	38628	38269	38759	38510	38260	38458	38795	101.552
	10	38658	39135	38803	38443	38524	38549	37693	38050	38053	38499	39190	38784	101.724
	11	38396	38268	38508	38716	38224	37969	38839	38575	39000	38231	38596	38195	101.534
	12	38309	38363	38116	38911	38658	38941	38682	37821	38471	38623	38652	38169	101.577
	13	38513	38542	38814	39006	38558	37989	38814	38873	38701	38298	37575	38146	101.602
	14	38780	38583	38853	38487	38300	38044	38177	37946	38103	38404	38220	38473	101.281
	15	38293	37904	38195	38086	38864	38506	38686	38673	38208	38781	38395	38695	101.483
	16	38201	38130	38902	38485	38487	38541	38581	38041	38314	38929	38016	38786	101.511
	17	38585	38251	38932	38620	38907	38903	38589	38551	38353	38141	38537	38504	101.832
	18	38903	38239	38212	38910	38274	38022	38228	38620	38660	38847	37904	38778	101.551
	19	38865	38510	38694	39127	38534	38060	38432	37989	38985	38667	38719	38063	101.782
	20	38883	38217	38346	38667	38330	38363	38802	38741	38318	38110	38580	38741	101.661
	21	38647	38703	38113	38537	38095	38587	38899	38192	38409	38369	38426	39070	101.650
	22	38040	38553	38547	38121	39048	38596	37865	38251	39018	38688	38405	38425	101.543
	23	38315	38313	38660	37881	38475	37976	38268	37912	38395	39050	38256	38466	101.193

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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	38187	38468	38770	38616	38937	38133	38373	38621	38890	37790	38505	38671	101.630
	1	38017	38587	38097	38256	38194	38430	38316	38395	38272	38370	38226	38653	101.159
	2	38364	38172	38410	38851	37839	38393	38591	39102	38451	38402	38881	38886	101.716
	3	38428	39123	38068	38639	37902	38141	38489	38670	38638	38162	38829	38547	101.560
	4	37675	38569	38071	38939	38733	39078	38193	37995	38663	38131	38174	38489	101.356
	5	38787	38357	38660	37999	38783	38862	38334	38258	38724	38635	38893	38772	101.874
	6	38537	38810	38255	38736	38399	38207	38569	39357	38927	38882	38408	38613	102.014
	7	38500	38920	38813	38117	38579	38889	38181	38874	39039	38863	38206	38399	101.944
	8	38894	38714	38457	38600	38920	38314	38843	38539	38183	38224	38592	38775	101.872
	9	38840	38320	38978	38437	38842	38524	38730	38294	39032	38207	38392	38681	101.921
	10	38326	38401	37758	38545	38584	38264	38531	39150	37971	39042	38899	38371	101.606
	11	38599	37973	38597	38546	38446	38590	38762	38149	38449	39006	38380	38331	101.603
	12	38805	38306	38191	38649	37677	38272	39131	38510	38867	38679	38384	38946	101.732
	13	38635	38545	38213	38042	38230	38376	38658	38532	38698	38478	38518	38681	101.554
	14	38529	38258	38526	38522	37932	38940	38092	37721	37843	38798	39110	38177	101.298
	15	38064	38456	38342	38622	38477	38634	38256	38455	38481	38472	38823	38795	101.613
	16	38605	38404	38615	38386	38422	38987	38129	38960	38064	38449	38808	38214	101.650
	17	39030	38428	38632	38322	38390	38240	38133	38075	38347	38435	38537	38478	101.431
	18	38453	37944	38249	38709	38077	38693	38737	38483	38633	38562	38096	38268	101.399
	19	38298	38293	38758	38401	38633	38570	38631	38571	38370	38950	38565	38978	101.865
	20	38894	38213	38259	38196	38375	39014	38748	38939	38459	38155	38723	38611	101.769
	21	38399	38928	38601	38379	37946	38761	38824	38514	39236	38081	38286	38804	101.807
	22	37817	38539	38906	38604	38883	38329	37724	38472	38065	38691	38261	38878	101.457
	23	38763	38668	39070	37909	38793	38649	38774	38745	38632	38704	38393	38431	101.977
18	0	38278	38558	38054	38405	38478	38536	38542	38507	38852	38662	38341	38553	101.586
	1	38607	38412	38432	38608	38583	38516	38286	38320	38326	38755	39273	37818	101.626
	2	38082	38374	38561	38483	38572	38347	38991	39100	38661	38987	38250	38449	101.829
	3	38636	38558	38609	38412	38389	38462	38442	38535	38639	38537	38503	38197	101.622
	4	38253	37965	38504	38775	38730	38122	38571	37897	38133	38261	38167	38824	101.245
	5	38364	38874	38710	38412	38611	38506	38803	39011	38842	38759	38325	38260	101.965
	6	39401	38619	37838	38676	38537	38282	38528	38365	38564	38953	38649	38203	101.775
	7	38342	38435	38676	38582	38638	38809	38093	38400	38543	38595	38591	38563	101.699
	8	38496	38082	38305	39142	38645	38926	38326	38431	38214	38360	38733	38240	101.618
	9	38261	38551	38580	38397	38154	38432	38639	38466	38705	38366	38696	38877	101.667
	10	38011	38322	38144	38275	38546	37785	38406	38164	38573	38932	38577	39187	101.404
	11	38686	39122	38365	38814	38907	38676	37787	38455	38502	38533	38535	38215	101.771
	12	38457	38319	38526	38412	38384	38653	38435	38439	39073	38370	38475	38477	101.645
	13	37855	38259	38597	38305	38429	37870	38658	38506	38417	38839	38914	38637	101.483
	14	38279	38439	38596	38502	38425	38314	38598	38449	38447	38199	38467	38522	101.472
	15	38337	38265	38692	37891	39095	37951	38495	38620	38684	38191	38632	38370	101.469
	16	38180	38126	38216	38046	38593	39136	38692	38365	38392	38563	38200	38719	101.470
	17	38594	38212	38402	38370	38209	38844	38597	39092	38606	38521	38129	38620	101.683
	18	38659	38183	38328	38400	38593	39038	38589	38699	38272	38071	38790	38993	101.776
	19	38166	38961	38052	38684	37981	38253	38428	38098	39076	38253	38663	38451	101.435
	20	38103	38393	37947	38239	38604	38063	38068	38662	38457	38521	38722	38843	101.336
	21	38374	38814	38275	38408	38368	38976	38507	38455	38409	39067	38401	38647	101.794
	22	38441	38365	38397	38969	38370	38393	38570	38444	38357	38480	38882	38664	101.713
	23	38849	38849	39195	38916	38300	38866	38665	38113	38640	38855	38554	38845	102.222

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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	38650	38720	38090	38697	39069	38779	37921	38257	38288	38501	38050	38478	101.532	
	1	38357	38891	38650	38499	38337	38288	38247	38565	38585	38600	38446	38031	101.529	
	2	38103	38276	38190	38674	38815	38056	38425	38090	38673	38150	38273	38756	101.306	
	3	38267	38852	38305	38576	38125	38572	38298	38341	38417	38860	38049	38391	101.432	
	4	38623	38523	38673	38407	38689	38556	38433	38276	38521	38781	38737	38910	101.888	
	5	38175	38609	38815	38525	38772	38786	38386	38257	38514	38514	38477	38468	101.705	
	6	38906	38710	38424	38526	38679	37861	38600	38365	38401	38422	38271	38708	101.612	
	7	38572	37855	39114	37699	38703	39140	38851	38644	38428	38196	38580	38193	101.635	
	8	38452	38732	38775	39168	38104	38208	38832	38290	38365	38630	38104	38383	101.650	
	9	39286	38370	38487	38172	38567	38263	38370	38780	38402	38676	38177	38529	101.658	
	10	38290	38888	38092	38341	38400	38786	38924	39264	38401	38526	38821	38093	101.822	
	11	38377	38409	38749	38590	38844	38249	38472	39185	38489	38269	39065	38708	101.950	
	12	38422	38712	38183	39066	38443	38132	38744	38122	38843	38742	38566	38426	101.728	
	13	38865	38750	38625	38431	38518	38337	38669	39098	38376	38333	38447	38224	101.788	
	14	38299	39340	38794	38646	38973	38587	39121	38548	38590	38239	38562	38087	102.034	
	15	38397	38693	38643	38666	38191	38681	38141	38354	38744	38564	38363	38586	101.645	
	16	38476	38483	38252	37859	38517	38571	38460	38577	38946	39114	38961	38131	101.715	
	17	37902	38394	38853	38580	38520	38357	38724	38624	38716	38339	38182	38382	101.546	
	18	38526	38596	37815	38096	38806	38365	38709	38452	37841	38526	38592	38176	101.310	
	19	38476	38410	38910	39176	38271	38586	38615	38289	38240	38820	38309	38110	101.687	
	20	38390	38621	39051	39037	38725	38780	38319	38302	38289	38523	38511	38764	101.929	
	21	38702	38351	38092	38461	38292	38582	39070	38487	38772	38114	38897	38633	101.739	
	22	38914	38481	38559	38767	38458	38872	38753	38604	38241	38910	37737	37835	101.670	
	23	38748	38340	38348	38734	38561	38456	38640	38510	38647	38672	38610	38423	101.792	
20	0	38684	38554	38390	38363	39177	39042	38200	38820	38921	38554	39029	38692	102.179	
	1	38978	38650	38666	38167	38469	39040	38814	38805	38180	38770	39040	38230	102.038	
	2	38377	39498	38838	39059	38575	38805	38749	39085	37811	38264	38509	38948	102.194	
	3	38418	38666	38692	38485	39006	38082	38919	39183	38584	38447	38915	38558	102.070	
	4	38258	38802	38924	38360	38944	38644	38713	38691	37970	38587	38672	38513	101.877	
	5	38397	39227	38414	38163	39140	38144	38582	38785	38420	38513	38788	38466	101.869	
	6	37918	38070	37771	38395	38144	38309	38483	38210	38425	38340	38899	38671	101.119	
	7	38722	38677	39007	38725	38971	38168	39290	37948	38436	38940	38673	38246	102.037	
	8	38197	38305	38401	38563	38493	38624	38403	38876	38393	38600	38202	38824	101.613	
	9	38195	38517	38955	38517	37887	38905	38354	38545	38576	38522	38819	38190	101.636	
	10	38593	38214	38539	38813	38465	38112	38646	38350	37702	37892	38176	37835	101.054	
	11	39055	38756	38790	38048	38565	38183	38183	38392	38688	38337	38894	38829	101.798	
	12	38759	38928	38384	38369	38013	38343	38006	39557	38853	38511	38401	38034	101.674	
	13	38113	38857	38748	39149	38901	38466	38772	38797	37918	38512	38337	38418	101.858	
	14	38509	38608	39014	38275	38286	38366	38934	39338	38341	38781	38496	38625	101.986	
	15	38811	38664	38109	39000	38547	38168	38523	38798	38799	38548	38557	38487	101.862	
	16	38184	39130	38811	39003	38898	38282	38252	38498	38741	39044	38616	38257	102.018	
	17	38495	38576	38891	38458	39066	38786	39028	37629	38855	38325	38526	38738	101.943	
	18	38366	37962	39116	38739	38093	38672	38769	38101	37889	38697	39129	38545	101.657	
	19	38256	38036	38962	38734	38606	38403	39066	38306	38431	38433	37933	39319	101.746	
	20	38806	38409	38425	38683	38723	38129	38394	38539	38453	38620	38626	39003	101.818	
	21	38809	38987	38378	38397	39148	38908	38505	38746	38872	38640	38239	38144	102.030	
	22	38250	38541	38405	38479	38817	38645	38881	38518	38134	38671	38809	38035	101.681	
	23	38331	38525	38019	38620	38283	38296	38726	38873	38059	38424	38851	38573	101.547	

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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	38154	38650	38464	38639	38682	37811	38150	38063	38444	38492	38161	37834	101.097
	1	37956	38155	37821	38116	38866	38014	38585	38644	38135	38050	38382	39405	101.228
	2	38111	38843	38605	38043	38554	38801	38507	38546	38119	38863	38050	38483	101.535
	3	38303	38507	38156	38228	38518	38362	38436	38349	38821	38357	38252	38965	101.476
	4	38169	38407	38932	38563	38809	38266	38502	38030	38196	39156	38529	39514	101.875
	5	37904	38237	38793	38435	38274	38817	38733	38190	38688	38614	38459	39201	101.716
	6	38919	38938	38245	38903	38805	39188	38435	38623	38021	39103	38784	38445	102.171
	7	38518	38189	38961	38205	37605	38910	38728	38182	38557	38770	39128	38852	101.773
	8	38704	39138	38744	38432	38370	38131	38018	38578	38600	38283	38547	38710	101.696
	9	38376	38719	38415	38263	38651	38593	38496	38658	38646	38450	38681	38929	101.833
	10	38293	38459	38083	38535	38252	38804	39063	38041	38914	38600	38741	38530	101.710
	11	39199	38130	38433	38820	38143	38362	38366	38561	38769	38332	38649	38102	101.610
	12	38424	38726	38612	38731	38623	38568	38147	38353	38838	38941	38995	37955	101.841
	13	38602	38145	38141	38851	37980	38676	38862	38222	38117	38434	38301	38509	101.385
	14	38335	38287	38678	38563	38358	38397	38432	38573	38210	37970	38624	38150	101.327
	15	38230	38418	38696	38802	38180	38310	38946	38629	38560	38569	39285	38556	101.900
	16	39473	38945	39539	38366	38570	38217	38806	38517	38642	38718	39281	38804	102.493
	17	38594	38342	38283	38125	39193	38678	39095	38391	38427	38882	39206	38156	101.942
	18	37968	37772	38417	38082	38578	37844	38770	38545	37993	38850	38547	38637	101.201
	19	39116	38645	38454	39077	38558	39031	39146	38202	39028	39051	38560	38422	102.364
	20	38323	39125	38736	38868	38454	38871	38001	39203	38861	38958	38868	38818	102.319
	21	38293	38586	38593	39287	38469	39066	39219	38325	39432	38851	39065	39012	102.563
	22	38404	39028	38478	38438	38660	37892	38830	37950	37963	38925	38635	39245	101.739
	23	38729	38908	38632	38613	38950	38809	38220	38748	38096	39059	38567	38713	102.089
22	0	38732	38554	38969	38935	38362	38379	38695	38477	38937	38767	38788	38355	102.068
	1	38179	38521	38142	38455	39599	38671	38875	38476	39043	37878	38835	39083	102.026
	2	39043	38531	39097	38720	38262	38912	38720	38197	38560	39680	38322	38716	102.247
	3	38745	39649	38381	38349	39205	38364	39052	38897	39116	39414	38471	38909	102.642
	4	38530	38612	38871	37979	39139	38667	38897	38835	38640	39515	38536	38591	102.259
	5	39066	38400	38643	38257	38490	38402	39044	38144	39235	38925	38105	38670	101.944
	6	38978	39326	38896	38800	39009	38225	39032	38338	38410	38619	38092	38248	102.074
	7	39082	38603	38674	38696	38666	38651	38720	38255	38102	38251	38438	38777	101.841
	8	38864	38138	38552	38900	38821	38805	38614	38461	38671	38854	39198	38495	102.162
	9	38568	38884	38457	38111	38796	37934	38329	38465	38931	37903	38317	38071	101.368
	10	38557	38045	38439	38360	39076	38838	38530	38294	38870	38091	38395	38161	101.564
	11	38542	38815	38762	38553	38235	37909	38555	38413	38428	38587	39037	38168	101.641
	12	38950	38478	38702	38482	38706	37881	38790	38474	38222	38231	38318	37799	101.426
	13	37986	38741	38779	38099	38508	38266	38823	38277	38529	38349	38684	38555	101.551
	14	38153	38719	38460	38088	38081	38548	38085	38421	38672	38490	38813	37556	101.219
	15	38720	38255	39111	38303	38648	38605	38829	38740	38781	38548	38014	38218	101.810
	16	38730	38218	38337	37907	38873	38851	38075	39191	38782	38113	38866	38722	101.787
	17	37901	38563	37894	38864	38751	38678	38835	38589	38850	38507	38312	39037	101.812
	18	38134	38222	38125	38891	38865	38856	38490	38849	38433	38599	38799	38592	101.828
	19	38849	38818	38952	38508	38844	38775	38616	38417	38052	38905	38433	38473	102.001
	20	38589	38305	38344	38466	38668	38789	38549	38421	38374	38979	38704	38772	101.851
	21	38871	38320	38787	38269	38516	39117	38237	38594	38249	38633	38193	39226	101.863
	22	38347	38484	38951	38802	38417	39225	38068	38850	38265	38707	38404	38460	101.855
	23	38244	38300	38489	38458	38585	38877	38558	38856	38215	38671	38041	38265	101.543

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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	38226	38562	38329	38666	38895	38649	38431	38831	38578	38754	38588	38512	101.859	
	1	38404	38883	38623	38177	39150	38128	38305	38313	38373	38376	38456	38655	101.605	
	2	39170	38514	39120	37951	38526	38793	38655	38389	38448	39070	38719	39019	102.162	
	3	38845	38942	38081	38804	38523	38815	38768	38131	38273	38744	38788	38774	101.967	
	4	38485	38936	38475	38722	38394	38848	39214	39024	38961	37870	37921	39021	102.052	
	5	38809	38899	38418	38677	38705	39067	38261	38088	38833	38270	38649	38802	101.965	
	6	38409	38445	39232	38743	38890	38195	38347	38341	38502	38478	38444	38803	101.823	
	7	38917	38423	38929	39158	38412	38657	38941	38729	39167	38794	37846	38208	102.120	
	8	38730	38363	38538	38887	38408	38425	38283	38022	38457	37939	38514	38070	101.340	
	9	38486	38605	38608	38853	39054	37846	38592	38399	38278	37723	38321	38484	101.475	
	10	38139	38532	38672	39172	38703	38749	38556	38620	38038	38519	38417	38208	101.712	
	11	38569	38821	38409	38672	38853	38653	38603	38495	38457	38410	38556	38901	101.948	
	12	38626	38685	38693	38817	37978	39012	38046	38872	38689	39056	38952	38747	102.118	
	13	38673	38180	38346	38368	38686	38669	38471	38050	38333	38360	38492	38877	101.531	
	14	38829	38809	38789	38817	38340	38866	38310	39036	38681	38884	38829	38489	102.229	
	15	38492	38692	38683	38370	38199	38145	38722	38773	38257	38186	38611	38885	101.643	
	16	38363	38544	38915	38435	38598	38259	38648	39002	38167	38476	38221	37982	101.554	
	17	38341	38471	38722	38399	38381	38764	38217	39006	38609	38518	38782	38605	101.819	
	18	38824	38331	39035	38030	38414	38606	38853	38501	38344	38742	38496	38599	101.811	
	19	38093	39065	38430	38318	38285	38511	38610	38669	38079	38693	38655	38460	101.611	
	20	39047	38079	39179	38240	38591	38514	38079	38663	38823	38386	39003	38760	101.940	
	21	38614	38883	38336	38486	37942	38906	37761	38271	38320	38214	38513	37978	101.250	
	22	38673	38636	38770	38238	38393	38886	38672	38445	38677	38490	38647	38795	101.931	
	23	38929	38853	38936	38157	38721	38224	38425	38591	38526	38840	38088	38417	101.795	
24	0	38462	38868	38432	38341	38663	38521	38736	38485	38889	38238	38370	38328	101.710	
	1	38553	38508	38328	38290	39196	38505	38216	39242	38391	38292	38329	38821	101.788	
	2	38654	38129	38230	38549	38502	38644	38826	38833	38387	39174	38696	38803	101.954	
	3	38796	38085	38458	38801	38477	38986	38646	38878	38666	38779	38593	39075	102.133	
	4	39194	38998	38539	38693	38206	38867	38743	39058	38461	38506	38990	38974	102.350	
	5	38954	38852	38567	38558	38318	38697	38778	38128	38875	38733	38731	38641	102.043	
	6	38721	38567	38346	38974	38719	39064	38720	38233	38605	38689	38318	38380	101.934	
	7	38151	38484	38512	38241	38658	38959	38013	38319	38558	38525	38740	38847	101.641	
	8	38813	38355	38438	38573	38246	38326	38402	38316	38054	38680	38636	38499	101.494	
	9	38553	38646	37766	38849	38832	38226	38246	38279	37892	38762	38931	38811	101.594	
	10	38869	38356	38303	38456	38447	38927	38501	38860	38489	38187	38126	37658	101.459	
	11	38771	38019	38235	38642	38531	38517	38177	38660	38404	38212	38578	38361	101.444	
	12	38278	38489	38766	38124	38070	38435	38844	38606	38200	37954	37926	38952	101.342	
	13	38083	38342	37698	38365	37517	38245	38846	38029	38788	38725	38990	38857	101.307	
	14	38466	38276	38367	38533	38462	38869	38549	37991	38477	38001	38729	38257	101.415	
	15	37750	38340	39115	38882	38516	38628	38284	38404	38220	38567	38403	38421	101.537	
	16	37929	38674	37810	38223	38304	38931	38700	38709	38200	38365	38806	38792	101.517	
	17	38963	38349	38303	38708	38194	38223	38553	38746	38821	38493	37395	38613	101.499	
	18	38506	38363	38402	38474	38383	38432	38351	38621	38586	38209	38312	38374	101.423	
	19	38990	37976	38847	38392	38315	38273	38289	38023	39192	38331	38710	38598	101.626	
	20	38589	38069	38427	38467	38160	38720	38354	38471	38779	38149	38963	37931	101.437	
	21	38632	38562	38596	38990	38517	37970	38621	38310	38408	38494	38222	38780	101.663	
	22	38323	38923	38562	38669	38259	38739	38569	37741	38408	38184	37970	38450	101.376	
	23	38299	37802	38464	38468	38324	38051	38073	38731	38093	37974	38519	38625	101.073	

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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	38061	38895	37756	38431	38293	38500	38873	37972	38588	38186	38272	38776	101.329
	1	37912	38390	38463	38664	38593	38935	38206	38548	38526	38383	38120	39040	101.591
	2	38329	38970	38532	38674	38376	38228	37925	38279	38584	38143	38562	37880	101.306
	3	38796	38547	38629	38728	38347	38736	38277	38558	38688	39067	38591	38315	101.921
	4	38082	38022	38490	38166	38351	38413	38308	38169	38231	38504	39088	38684	101.312
	5	38567	38727	38338	37838	38328	38054	38022	38213	39109	38515	38524	37851	101.219
	6	38781	38120	38347	39277	38206	38437	38423	38427	37780	38705	38178	38521	101.465
	7	38522	38043	38905	38779	38204	38229	38118	37953	38650	38428	38628	38198	101.345
	8	39164	38316	38159	38578	38927	38456	38886	38348	37684	38401	38500	37657	101.437
	9	38174	38274	38558	38368	38866	38788	38296	38680	37747	38527	38399	38607	101.483
	10	38220	38478	38068	38185	38136	38332	37939	38780	38772	37967	38096	38210	101.020
	11	37916	38897	38059	38562	38254	38905	38549	38073	38000	38604	38498	38688	101.421
	12	38244	37693	38853	38229	38245	38308	38595	38442	38369	38584	38557	38461	101.328
	13	38517	38446	38574	37870	38276	38187	38268	38044	37892	38400	38326	38023	100.941
	14	38570	38254	38562	38903	38159	38482	38008	37893	37800	37982	38550	38721	101.175
	15	38443	38430	38344	38215	39074	38366	38382	38781	38287	38448	37898	38660	101.492
	16	38501	38806	38932	38391	38793	38618	38725	38435	38428	38595	38166	38504	101.837
	17	38081	38216	38258	38471	38737	38953	38858	38510	38478	38879	38075	38139	101.564
	18	38415	38110	38738	38942	38173	38777	38232	38436	38672	38246	38956	38078	101.591
	19	37893	37784	38106	38464	38380	37804	38702	38335	38056	38451	38108	38303	100.845
	20	38112	38090	38595	38108	38312	38301	38404	38464	38216	38457	38585	37634	101.041
	21	38468	38204	38369	38877	38426	38331	38135	37851	38125	38587	38630	38474	101.305
	22	38164	38303	39283	38847	38334	38843	38344	38527	38363	38269	38512	38322	101.664
	23	38397	38534	38462	39359	38372	38821	38992	38983	38881	38999	38447	38599	102.266
26	0	38381	38582	38364	38088	38526	38892	38804	38643	38754	38200	38796	38550	101.760
	1	37860	38142	38679	38515	38039	37906	38444	38590	38318	37978	38891	38615	101.195
	2	38638	38849	38377	38190	38401	38933	38846	37975	38310	38584	38263	38718	101.658
	3	38624	38939	38132	38547	38171	38137	38325	38630	38322	39098	38551	38202	101.569
	4	38314	38954	38539	38482	38255	38471	38830	38345	38175	38963	38759	37950	101.648
	5	38455	39037	38238	38755	38870	38179	38811	38409	38512	38457	39080	38231	101.868
	6	38747	38295	38494	38001	38374	38325	39045	38472	38529	38604	38259	38816	101.631
	7	38769	38500	38889	37874	38128	38297	39127	38430	38457	38953	38539	38624	101.770
	8	38367	38664	38479	38952	38786	38370	38585	38846	38230	38955	38720	38686	102.001
	9	38580	38600	38417	38678	38682	38981	38965	38920	38740	38252	38697	38448	102.071
	10	38651	38919	37633	38639	39012	38843	38632	38490	38644	38616	38868	38699	102.002
	11	38562	38311	37836	38207	38524	39011	38370	38767	38547	39043	38770	38339	101.704
	12	38233	38391	37916	38251	37820	38927	38117	39533	38069	38240	38381	38610	101.308
	13	38443	38412	38093	38962	38481	37823	38443	38652	38682	39005	38809	38653	101.741
	14	38303	38732	38495	38797	38585	38303	38665	38237	38668	38661	38279	38340	101.655
	15	38508	38299	38347	38601	38614	38248	38612	38497	38550	37994	38122	38634	101.426
	16	38867	39057	38391	38585	38204	38602	38590	37817	38252	38682	38254	39331	101.779
	17	39033	38748	38499	38476	38372	38225	38473	38880	38511	38277	38344	38898	101.802
	18	38500	38229	37859	37986	38524	38542	37974	38669	38678	37796	38421	39062	101.253
	19	38054	38473	38381	38413	38861	38508	38469	39007	38462	38596	38728	38834	101.813
	20	38317	38794	38564	38563	38513	38336	38404	38642	38090	37850	38917	37987	101.415
	21	38298	38554	38057	38733	38113	38317	38629	38751	38959	38941	38352	38679	101.724
	22	38915	38480	38370	38071	38220	38265	38662	38056	38480	37913	38303	37954	101.132
	23	38385	38171	39005	38495	38498	38602	38966	38639	38574	38260	37911	38946	101.740

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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	38359	38718	38333	37983	38370	38718	38310	38202	38600	38745	38593	38279	101.465	
	1	38178	38119	38669	38358	38747	38731	38229	38925	38714	38146	38436	38366	101.556	
	2	38612	38629	38597	38549	38327	38291	37797	38723	38242	38215	38094	37913	101.197	
	3	38590	38221	37964	38675	38561	38217	38468	38671	38386	38494	38792	38546	101.549	
	4	38069	38435	38455	38512	38981	38263	38834	39069	38672	38398	38424	38782	101.837	
	5	38764	39030	38299	38367	38882	38603	38944	38106	38912	38628	38726	38294	101.982	
	6	38756	38654	38067	39069	38407	38907	38161	39113	39144	38517	38262	38771	102.042	
	7	38312	38169	38942	38663	39146	38461	38504	38268	38359	38369	38180	38279	101.564	
	8	38364	38564	38545	38325	38641	38569	38819	38235	39371	38952	38919	38782	102.098	
	9	38229	38410	39252	38453	38505	37965	39066	38513	38517	38298	38453	38129	101.594	
	10	38117	38496	38817	37949	38462	38670	38586	38408	38392	38583	38723	38115	101.490	
	11	38627	38457	38289	38608	38140	38012	38746	38701	38938	38212	38537	39297	101.765	
	12	38151	38326	37978	38593	37750	38989	38562	38000	38809	38270	38293	37821	101.099	
	13	38751	38641	38571	38069	38289	38394	38716	38997	38417	38407	38522	38470	101.694	
	14	38286	37691	38533	38394	38480	38390	38821	38131	38177	38659	38080	38321	101.192	
	15	38232	39024	39118	38702	38449	39093	38435	38314	38364	38715	38240	38868	101.982	
	16	38617	38295	38412	38938	38822	38763	38823	37946	38743	39520	38739	38944	102.203	
	17	38337	38735	38987	38874	38373	38058	38605	38329	38268	38423	38077	38570	101.560	
	18	38794	38704	38864	39039	38542	38728	38504	38720	38459	38165	38830	38690	102.089	
	19	38628	38376	38111	38471	38511	38680	38800	38734	38529	38969	37910	38302	101.644	
	20	38389	38624	38443	38901	38074	38592	38240	38814	39001	38258	38663	38427	101.733	
	21	38713	37908	37856	38390	38167	39013	38881	37840	38102	38594	38548	38712	101.360	
	22	38850	37956	38691	38037	38677	38297	38827	38130	38770	38271	39039	38548	101.661	
	23	39091	38562	38218	38266	38169	37963	38384	38090	38094	38457	38907	38146	101.276	
28	0	38266	38516	38779	37867	38568	37908	38420	38575	38446	38312	38875	38427	101.411	
	1	38530	38546	38630	38695	38344	39103	38199	38871	38576	38305	38082	38613	101.749	
	2	38090	38449	38876	38143	38343	38772	38091	38464	38612	38530	38712	38722	101.597	
	3	38817	38742	38754	39014	39305	39007	38325	38551	38238	38684	38708	38316	102.180	
	4	38629	38780	38308	39012	38260	38529	38399	38524	38974	38575	38188	38491	101.787	
	5	38371	38919	38695	38902	38462	38214	38257	38399	39254	38898	38379	38577	101.932	
	6	38751	37853	38671	38277	38642	38777	38234	38370	38895	38339	38843	38799	101.739	
	7	38207	39303	38710	38752	38508	38651	39037	38701	38957	38406	38680	38405	102.150	
	8	38331	38768	38459	38288	38932	37957	38569	38864	38663	38446	38614	38784	101.788	
	9	37850	37859	38200	38310	38512	38374	38951	38602	38293	39043	38864	38153	101.422	
	10	38705	39019	38340	38589	38558	38687	38777	38891	38569	38218	38208	38176	101.802	
	11	38326	38077	38413	38465	38106	38613	38941	38656	38687	38193	38261	38430	101.457	
	12	37944	38279	38788	38602	38630	38759	38874	38128	38507	38917	37397	38671	101.529	
	13	38612	37728	37999	37907	38754	38519	38190	38104	38527	39299	38369	38246	101.256	
	14	38547	38735	38348	38612	38920	38139	38204	38508	38218	37931	38895	38863	101.622	
	15	38325	38131	38795	37896	38567	38744	38330	38412	38354	38441	38567	38312	101.392	
	16	38330	38230	38598	38342	38419	38393	38324	38688	38448	38673	38855	38165	101.522	
	17	38415	38962	38196	38654	38396	38853	38462	38245	38458	38756	38614	37826	101.605	
	18	38919	38147	38499	38077	38909	38619	38416	38026	38660	38829	38645	38491	101.692	
	19	38861	38354	38318	38408	38660	38571	39074	38146	38987	38448	38258	37715	101.596	
	20	37966	38240	37963	38834	39146	38711	38846	38412	38305	38530	39168	39298	101.953	
	21	38392	38425	38879	38687	38706	39111	38272	38143	38949	38786	38326	38161	101.824	
	22	38173	38082	39116	38359	38151	38264	38529	38838	38825	38494	38584	38474	101.615	
	23	38718	38410	38735	38859	38671	38892	38836	38973	38982	38651	38208	38565	102.190	

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Day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
29	0	38612	38406	38574	38464	38158	38755	38648	38792	38143	38888	38594	38854	101.835
	1	38844	38787	38617	38601	38740	38542	38746	38674	38776	38526	38928	38411	102.123
	2	38750	38849	38526	38464	38597	39118	38759	38892	38711	38730	39000	39155	102.421
	3	38360	38100	39059	38466	38885	37888	39104	38789	38890	38857	38235	38576	101.906
	4	38518	38838	38350	38645	38696	38958	38910	38617	38681	39019	38440	38468	102.111
	5	38713	39098	38777	38734	39019	38848	38494	38984	38876	38693	39225	38408	102.492
	6	38859	38675	38641	39085	38371	39019	38269	37913	38409	38764	38233	38603	101.825
	7	38413	38836	38673	38395	38443	38170	38602	38681	38840	39134	38226	38998	101.950
	8	38278	38619	38802	38474	38178	38973	39572	38655	38921	38458	38900	38647	102.185
	9	38437	38785	38786	38358	38845	38103	38010	38025	38685	38740	39200	38910	101.834
	10	38612	38028	38370	38412	38341	38875	38595	38455	38672	38815	38410	37994	101.548
	11	38597	38312	38589	38793	38445	38933	38624	38672	38666	38563	38676	38578	101.959
	12	38437	39019	38127	38422	38709	38871	38413	39150	38613	38835	39020	38681	102.146
	13	39060	38215	38276	38160	38387	38508	38338	38724	38456	38763	37821	38499	101.466
	14	39053	38407	38699	37927	38562	38364	38513	38053	38495	37988	38574	38433	101.435
	15	38583	38558	38619	38923	38227	38178	38046	38405	38710	38599	38545	38417	101.598
	16	38677	38670	38890	39012	38246	38339	38824	38602	38643	38765	38366	38191	101.910
	17	38554	37976	37948	38875	37975	38523	38639	38888	39003	38815	38398	38611	101.685
	18	38866	38038	38846	38362	38361	38446	38026	38827	38296	38613	38605	38481	101.589
	19	38595	38363	38768	38548	38766	38551	38466	38975	38330	38483	38670	38269	101.813
	20	38209	38667	38624	38551	37933	38254	39242	38796	38767	38853	38489	38191	101.767
	21	38711	38408	38280	38501	38717	38381	38269	38029	38338	38251	38145	38582	101.334
	22	38228	38514	38672	38382	38365	38326	38204	38706	38338	38404	38369	38568	101.437
23	38616	38403	38622	38213	38751	38746	39409	38585	38432	38614	38778	38419	101.989	
30	0	38723	39127	38455	38863	39184	38752	38244	39365	38755	39122	39365	38558	102.637
	1	38807	38194	38541	38658	38528	38553	38859	38171	38908	38345	39029	38543	101.890
	2	38474	38445	38549	38951	38626	38843	38524	38266	38588	38616	38652	39232	102.028
	3	38959	38278	38190	38648	38855	38476	38373	39162	38398	38542	39233	39361	102.184
	4	38539	38257	38630	38825	37821	38469	38723	38795	38440	38726	38732	38617	101.766
	5	38486	39083	38642	38644	38652	38743	38581	38647	38811	39279	38749	38228	102.200
	6	38730	38604	38609	38381	38366	38241	38361	37975	38668	38438	39010	38885	101.699
	7	38251	38646	38616	38434	38441	39003	39018	38210	38274	38204	38351	38323	101.590
	8	38497	38079	39055	39478	38585	38227	38800	38751	38709	38856	38882	38518	102.176
	9	38368	38374	38873	38886	38624	38364	38087	38559	38528	38553	38653	38655	101.755
	10	38252	38549	38444	38466	38754	38480	37729	38263	38678	38075	38440	39086	101.468
	11	38928	38434	37956	38866	37993	37907	38051	38507	38183	39065	37710	38698	101.265
	12	38153	38586	38263	38179	38603	38492	38944	38980	38054	38244	37954	38675	101.448
	13	38354	38658	38538	38934	38472	38231	38120	38742	38679	38526	38382	38341	101.635
	14	39286	40770	39031	38346	38585	38447	38592	38494	38527	38534	39106	37720	102.397
	15	38900	38316	38063	38082	38581	38190	38644	38245	38350	38389	38673	38560	101.418
	16	37835	38931	38665	38057	38273	38151	38217	38693	38902	38419	38408	38743	101.484
	17	39105	38397	38378	38033	38972	38407	38654	38599	38686	38682	38629	37280	101.601
	18	38611	38606	38989	38421	38690	39033	37759	38239	38776	38161	38013	38253	101.542
	19	38555	39081	38861	38191	38155	38375	38204	37939	38070	38829	38570	37841	101.347
	20	37987	38309	38461	38570	39285	38379	38436	38164	38557	38552	38109	38725	101.537
	21	37958	37549	38328	38550	38692	38909	38125	38344	38342	38192	38311	38659	101.191
	22	38609	38254	38239	38635	38602	37767	38644	38645	37923	38567	37946	38111	101.187
23	38219	38180	38659	38367	38066	38272	38622	38855	38601	38491	38462	38522	101.490	

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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	37874	38186	38812	38000	38095	37247	37907	37475	38971	38904	38225	38058	100.705
	1	38664	38761	38960	38214	38015	38473	38308	38200	38461	38375	38766	38562	101.587
	2	38786	38252	38756	38420	38416	38527	38796	38438	38471	38482	38271	39295	101.840
	3	38193	38300	37406	38566	38819	38530	38054	38766	38727	38835	38697	38578	101.524
	4	38425	38445	39079	38198	38415	38628	38527	38334	39164	39064	38644	37932	101.829
	5	38288	38759	38328	38536	38215	38299	38559	38095	38294	37983	38774	38704	101.383
	6	38434	38169	38787	38672	38216	38352	38396	38481	38903	38832	38027	38415	101.570
	7	37827	38392	38210	38436	39279	38643	38881	38465	38290	38798	38650	38318	101.681
	8	37906	38567	38390	38508	39134	38430	38528	38498	38282	38374	38629	38289	101.538
	9	38488	38428	38425	37833	39145	38830	38745	38232	38037	37842	38737	38595	101.494
	10	39179	38421	38362	38396	38489	38383	38330	38964	38871	38370	38426	38743	101.845
	11	38543	38297	39101	38964	38150	38577	38632	38151	38725	38666	39204	37865	101.832
	12	38656	38716	39104	38698	38483	37981	38867	38269	38153	38098	38556	38631	101.686
	13	38660	38520	38688	38478	38535	38459	38735	38755	38477	38414	38430	38536	101.791
	14	38576	38224	38483	38577	38442	38235	38740	37835	38458	38514	38666	38943	101.572
	15	37991	38888	38085	38269	38378	38181	38689	38308	38124	38013	38624	38721	101.260
	16	38186	38717	38440	38682	38131	38205	38437	38670	37602	38570	38775	38518	101.405
	17	38736	37829	38630	38356	38217	37963	38007	38096	37976	37994	38597	37884	100.823
	18	38237	37992	38298	37948	38355	38198	38408	38318	38264	38559	38185	38570	101.053
	19	37728	38047	38361	38304	38467	37635	38072	38793	38878	38756	38357	38105	101.091
	20	38213	38204	38277	38614	38412	38454	37632	38257	38121	38847	38098	37690	100.940
	21	38031	38303	38917	38123	38334	38552	38441	38252	38833	38429	38785	38136	101.450
	22	38218	38030	38075	38376	38655	38503	38713	38625	38476	38473	38816	38645	101.553
	23	37903	38214	38430	38499	38438	38440	38262	38119	38216	38625	37834	38504	101.086

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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	1028.46	1028.52	1028.55	1028.51	1028.47	1028.46	1028.42	1028.35	1028.41	1028.42	1028.30	1028.19	1028.42
	1	1028.13	1028.00	1027.93	1028.02	1028.06	1028.04	1027.96	1027.95	1028.05	1028.09	1028.05	1028.00	1028.02
	2	1027.95	1027.91	1027.93	1027.93	1027.86	1027.82	1027.82	1027.88	1027.93	1027.95	1027.93	1027.89	1027.90
	3	1027.88	1027.87	1027.88	1027.84	1027.75	1027.74	1027.78	1027.83	1027.86	1027.86	1027.87	1027.85	1027.83
	4	1027.83	1027.84	1027.84	1027.85	1027.87	1027.85	1027.85	1027.89	1027.84	1027.80	1027.89	1027.88	1027.85
	5	1027.81	1027.84	1027.85	1027.97	1028.13	1028.14	1028.16	1028.20	1028.19	1028.08	1028.05	1028.03	1028.04
	6	1027.85	1027.86	1027.99	1028.04	1028.12	1028.18	1028.17	1028.15	1028.11	1028.09	1028.13	1028.18	1028.07
	7	1028.24	1028.30	1028.42	1028.48	1028.52	1028.61	1028.72	1028.79	1028.82	1028.86	1028.92	1028.95	1028.63
	8	1028.98	1029.03	1029.03	1029.08	1029.16	1029.24	1029.36	1029.46	1029.51	1029.47	1029.42	1029.46	1029.26
	9	1029.53	1029.55	1029.53	1029.57	1029.59	1029.57	1029.59	1029.56	1029.50	1029.45	1029.40	1029.34	1029.51
	10	1029.32	1029.31	1029.30	1029.28	1029.25	1029.22	1029.21	1029.16	1029.09	1029.04	1029.01	1028.96	1029.18
	11	1028.90	1028.82	1028.78	1028.75	1028.64	1028.54	1028.47	1028.43	1028.37	1028.24	1028.14	1028.08	1028.51
	12	1028.02	1027.98	1027.95	1027.93	1027.91	1027.86	1027.79	1027.71	1027.64	1027.63	1027.60	1027.55	1027.80
	13	1027.53	1027.52	1027.52	1027.48	1027.42	1027.39	1027.31	1027.30	1027.33	1027.31	1027.31	1027.32	1027.39
	14	1027.35	1027.34	1027.30	1027.27	1027.25	1027.22	1027.20	1027.19	1027.20	1027.23	1027.29	1027.31	1027.26
	15	1027.30	1027.35	1027.39	1027.39	1027.41	1027.43	1027.45	1027.48	1027.51	1027.55	1027.59	1027.62	1027.45
	16	1027.66	1027.71	1027.76	1027.81	1027.87	1027.91	1027.94	1027.98	1028.01	1028.03	1028.02	1028.02	1027.89
	17	1028.01	1027.96	1027.93	1027.96	1028.03	1028.07	1028.11	1028.14	1028.16	1028.16	1028.19	1028.26	1028.08
	18	1028.25	1028.28	1028.35	1028.37	1028.40	1028.42	1028.46	1028.49	1028.48	1028.45	1028.39	1028.39	1028.39
	19	1028.44	1028.45	1028.44	1028.41	1028.36	1028.30	1028.27	1028.25	1028.21	1028.20	1028.25	1028.29	1028.32
	20	1028.30	1028.31	1028.27	1028.29	1028.37	1028.38	1028.41	1028.45	1028.45	1028.43	1028.42	1028.45	1028.38
	21	1028.52	1028.56	1028.56	1028.57	1028.60	1028.60	1028.56	1028.54	1028.58	1028.64	1028.67	1028.67	1028.59
	22	1028.65	1028.64	1028.65	1028.68	1028.68	1028.68	1028.70	1028.68	1028.65	1028.61	1028.58	1028.55	1028.64
	23	1028.54	1028.52	1028.48	1028.43	1028.37	1028.33	1028.30	1028.25	1028.22	1028.25	1028.27	1028.21	1028.34
2	0	1028.15	1028.16	1028.19	1028.20	1028.17	1028.17	1028.22	1028.29	1028.35	1028.37	1028.35	1028.38	1028.25
	1	1028.48	1028.56	1028.58	1028.57	1028.51	1028.46	1028.43	1028.35	1028.24	1028.22	1028.29	1028.39	1028.42
	2	1028.44	1028.43	1028.42	1028.38	1028.35	1028.40	1028.44	1028.39	1028.35	1028.38	1028.37	1028.34	1028.39
	3	1028.31	1028.31	1028.30	1028.31	1028.34	1028.31	1028.31	1028.34	1028.32	1028.35	1028.44	1028.44	1028.34
	4	1028.45	1028.50	1028.53	1028.60	1028.59	1028.58	1028.65	1028.68	1028.71	1028.67	1028.65	1028.71	1028.61
	5	1028.73	1028.74	1028.80	1028.82	1028.83	1028.91	1028.97	1028.99	1028.98	1029.06	1029.14	1029.16	1028.93
	6	1029.20	1029.19	1029.22	1029.28	1029.26	1029.24	1029.24	1029.25	1029.30	1029.35	1029.41	1029.45	1029.28
	7	1029.51	1029.63	1029.69	1029.70	1029.78	1029.81	1029.83	1029.90	1029.92	1029.94	1029.99	1030.02	1029.81
	8	1030.06	1030.13	1030.21	1030.29	1030.37	1030.41	1030.38	1030.38	1030.43	1030.44	1030.43	1030.43	1030.33
	9	1030.45	1030.48	1030.52	1030.48	1030.45	1030.46	1030.46	1030.47	1030.51	1030.52	1030.52	1030.50	1030.48
	10	1030.48	1030.44	1030.36	1030.31	1030.28	1030.26	1030.19	1030.16	1030.14	1030.10	1030.08	1030.10	1030.24
	11	1030.07	1030.03	1030.01	1029.95	1029.89	1029.80	1029.69	1029.61	1029.53	1029.46	1029.39	1029.28	1029.72
	12	1029.20	1029.19	1029.15	1029.10	1029.01	1028.94	1028.95	1028.92	1028.87	1028.81	1028.73	1028.69	1028.96
	13	1028.69	1028.67	1028.64	1028.67	1028.73	1028.76	1028.78	1028.77	1028.80	1028.85	1028.83	1028.83	1028.75
	14	1028.87	1028.91	1028.90	1028.87	1028.85	1028.84	1028.86	1028.90	1028.90	1028.89	1028.90	1028.92	1028.88
	15	1028.95	1028.93	1028.89	1028.86	1028.85	1028.88	1028.88	1028.88	1028.91	1028.92	1028.90	1028.90	1028.89
	16	1028.92	1028.94	1028.98	1029.01	1029.05	1029.11	1029.17	1029.24	1029.27	1029.30	1029.36	1029.41	1029.14
	17	1029.46	1029.50	1029.52	1029.58	1029.63	1029.63	1029.59	1029.55	1029.57	1029.57	1029.58	1029.62	1029.56
	18	1029.63	1029.62	1029.56	1029.53	1029.53	1029.53	1029.53	1029.57	1029.68	1029.77	1029.78	1029.74	1029.62
	19	1029.67	1029.62	1029.59	1029.58	1029.59	1029.58	1029.56	1029.55	1029.54	1029.50	1029.49	1029.45	1029.56
	20	1029.36	1029.32	1029.34	1029.39	1029.45	1029.47	1029.48	1029.51	1029.55	1029.60	1029.59	1029.59	1029.47
	21	1029.61	1029.60	1029.61	1029.64	1029.66	1029.64	1029.66	1029.71	1029.72	1029.74	1029.76	1029.76	1029.67
	22	1029.77	1029.82	1029.82	1029.79	1029.79	1029.76	1029.69	1029.62	1029.58	1029.53	1029.51	1029.51	1029.68
	23	1029.49	1029.45	1029.40	1029.39	1029.37	1029.34	1029.32	1029.30	1029.29	1029.30	1029.27	1029.26	1029.35

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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	1029.24	1029.23	1029.20	1029.16	1029.13	1029.06	1028.98	1028.90	1028.86	1028.88	1028.86	1028.78	1029.01
	1	1028.74	1028.71	1028.62	1028.49	1028.41	1028.43	1028.47	1028.44	1028.36	1028.35	1028.41	1028.42	1028.48
	2	1028.38	1028.41	1028.45	1028.44	1028.40	1028.34	1028.29	1028.28	1028.26	1028.18	1028.07	1028.00	1028.29
	3	1027.94	1027.88	1027.87	1027.90	1027.90	1027.87	1027.85	1027.85	1027.78	1027.67	1027.64	1027.67	1027.82
	4	1027.73	1027.77	1027.80	1027.85	1027.91	1027.98	1028.05	1028.12	1028.16	1028.17	1028.17	1028.14	1027.98
	5	1028.15	1028.19	1028.19	1028.20	1028.21	1028.18	1028.10	1028.02	1027.99	1027.98	1028.00	1028.02	1028.10
	6	1028.02	1028.05	1028.10	1028.15	1028.16	1028.17	1028.20	1028.24	1028.28	1028.31	1028.39	1028.48	1028.21
	7	1028.50	1028.46	1028.43	1028.44	1028.51	1028.54	1028.55	1028.57	1028.59	1028.65	1028.72	1028.75	1028.56
	8	1028.77	1028.83	1028.87	1028.87	1028.90	1028.94	1028.95	1028.98	1029.00	1028.99	1028.94	1028.86	1028.91
	9	1028.78	1028.71	1028.69	1028.70	1028.70	1028.69	1028.66	1028.64	1028.62	1028.58	1028.52	1028.46	1028.64
	10	1028.43	1028.38	1028.28	1028.18	1028.11	1028.06	1027.99	1027.92	1027.87	1027.81	1027.74	1027.68	1028.04
	11	1027.60	1027.52	1027.45	1027.38	1027.32	1027.24	1027.19	1027.15	1027.09	1027.03	1026.97	1026.91	1027.24
	12	1026.85	1026.77	1026.68	1026.61	1026.52	1026.43	1026.36	1026.31	1026.28	1026.26	1026.19	1026.11	1026.45
	13	1026.06	1026.02	1026.01	1026.01	1025.97	1025.93	1025.89	1025.87	1025.86	1025.86	1025.86	1025.85	1025.93
	14	1025.85	1025.88	1025.89	1025.92	1025.95	1025.94	1025.93	1025.93	1025.91	1025.88	1025.88	1025.87	1025.90
	15	1025.84	1025.84	1025.84	1025.83	1025.82	1025.81	1025.76	1025.75	1025.76	1025.77	1025.75	1025.74	1025.79
	16	1025.77	1025.77	1025.79	1025.82	1025.82	1025.84	1025.90	1025.96	1025.98	1025.98	1025.99	1025.99	1025.88
	17	1026.03	1026.05	1026.04	1026.02	1026.00	1026.01	1026.01	1026.05	1026.08	1026.07	1026.07	1026.07	1026.04
	18	1026.07	1026.06	1026.09	1026.13	1026.11	1026.07	1026.05	1026.01	1025.99	1025.97	1025.94	1025.93	1026.03
	19	1025.91	1025.90	1025.90	1025.89	1025.87	1025.88	1025.90	1025.88	1025.86	1025.85	1025.83	1025.82	1025.87
	20	1025.82	1025.80	1025.77	1025.73	1025.73	1025.73	1025.72	1025.74	1025.76	1025.79	1025.82	1025.85	1025.77
	21	1025.88	1025.90	1025.94	1025.96	1025.95	1025.93	1025.93	1025.96	1025.97	1025.99	1025.99	1025.95	1025.94
	22	1025.92	1025.90	1025.88	1025.88	1025.89	1025.90	1025.91	1025.88	1025.82	1025.79	1025.76	1025.72	1025.85
	23	1025.74	1025.74	1025.73	1025.72	1025.68	1025.63	1025.59	1025.60	1025.62	1025.59	1025.57	1025.53	1025.64
4	0	1025.47	1025.46	1025.47	1025.47	1025.47	1025.46	1025.42	1025.37	1025.34	1025.31	1025.27	1025.27	1025.39
	1	1025.26	1025.21	1025.18	1025.14	1025.09	1025.06	1025.06	1025.04	1024.99	1024.95	1024.91	1024.88	1025.06
	2	1024.84	1024.80	1024.77	1024.74	1024.69	1024.62	1024.57	1024.53	1024.48	1024.43	1024.41	1024.38	1024.60
	3	1024.33	1024.28	1024.18	1024.09	1024.09	1024.11	1024.08	1024.03	1024.01	1024.00	1024.03	1024.06	1024.10
	4	1024.03	1024.00	1023.97	1023.94	1023.91	1023.91	1023.94	1023.93	1023.91	1023.91	1023.89	1023.88	1023.93
	5	1023.91	1023.96	1024.00	1023.95	1023.91	1023.89	1023.84	1023.83	1023.83	1023.76	1023.78	1023.88	1023.88
	6	1023.98	1024.05	1024.07	1024.08	1024.11	1024.06	1024.03	1024.05	1024.04	1023.96	1023.86	1023.85	1024.01
	7	1023.86	1023.84	1023.76	1023.77	1023.87	1023.92	1023.90	1023.87	1023.79	1023.80	1023.90	1023.92	1023.85
	8	1023.92	1023.93	1023.92	1023.91	1023.91	1023.93	1023.95	1023.91	1023.90	1023.92	1023.91	1023.92	1023.92
	9	1023.94	1023.94	1023.94	1023.94	1023.93	1023.93	1023.92	1023.88	1023.87	1023.86	1023.84	1023.83	1023.90
	10	1023.77	1023.72	1023.67	1023.62	1023.59	1023.58	1023.58	1023.56	1023.51	1023.45	1023.39	1023.32	1023.56
	11	1023.24	1023.15	1023.04	1022.94	1022.86	1022.78	1022.72	1022.67	1022.62	1022.56	1022.48	1022.40	1022.78
	12	1022.31	1022.21	1022.16	1022.12	1022.05	1022.00	1021.95	1021.91	1021.86	1021.81	1021.76	1021.72	1021.99
	13	1021.71	1021.68	1021.64	1021.61	1021.60	1021.63	1021.61	1021.59	1021.59	1021.49	1021.38	1021.32	1021.57
	14	1021.26	1021.23	1021.25	1021.21	1021.18	1021.19	1021.18	1021.17	1021.16	1021.14	1021.14	1021.19	1021.19
	15	1021.24	1021.26	1021.27	1021.26	1021.21	1021.17	1021.12	1021.09	1021.08	1021.09	1021.15	1021.22	1021.18
	16	1021.24	1021.27	1021.29	1021.31	1021.36	1021.41	1021.45	1021.45	1021.46	1021.44	1021.41	1021.35	1021.37
	17	1021.32	1021.34	1021.34	1021.39	1021.43	1021.47	1021.51	1021.54	1021.55	1021.52	1021.48	1021.42	1021.44
	18	1021.39	1021.42	1021.42	1021.37	1021.34	1021.31	1021.35	1021.38	1021.39	1021.44	1021.48	1021.50	1021.40
	19	1021.43	1021.38	1021.35	1021.31	1021.33	1021.37	1021.42	1021.39	1021.35	1021.40	1021.49	1021.50	1021.39
	20	1021.47	1021.46	1021.41	1021.37	1021.31	1021.26	1021.27	1021.27	1021.30	1021.36	1021.36	1021.33	1021.35
	21	1021.33	1021.34	1021.35	1021.36	1021.35	1021.38	1021.46	1021.47	1021.42	1021.42	1021.43	1021.41	1021.39
	22	1021.35	1021.29	1021.22	1021.19	1021.15	1021.12	1021.12	1021.11	1021.17	1021.19	1021.18	1021.15	1021.18
	23	1021.03	1020.98	1021.01	1021.10	1021.16	1021.14	1021.21	1021.23	1021.18	1021.11	1021.03	1020.97	1021.09

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
5	0	1020.87	1020.88	1020.85	1020.85	1020.88	1020.85	1020.83	1020.85	1020.85	1020.79	1020.77	1020.86	1020.84
	1	1020.97	1021.04	1021.07	1021.14	1021.23	1021.28	1021.29	1021.25	1021.26	1021.31	1021.29	1021.27	1021.20
	2	1021.32	1021.35	1021.35	1021.34	1021.35	1021.36	1021.35	1021.27	1021.17	1021.13	1021.06	1021.07	1021.26
	3	1021.16	1021.21	1021.25	1021.24	1021.20	1021.21	1021.23	1021.23	1021.24	1021.28	1021.28	1021.33	1021.24
	4	1021.40	1021.43	1021.46	1021.44	1021.42	1021.45	1021.58	1021.66	1021.67	1021.61	1021.52	1021.49	1021.51
	5	1021.57	1021.81	1021.94	1021.92	1021.96	1021.88	1021.75	1021.75	1021.79	1021.81	1021.89	1022.02	1021.84
	6	1022.19	1022.28	1022.29	1022.33	1022.36	1022.39	1022.48	1022.55	1022.60	1022.71	1022.80	1022.81	1022.48
	7	1022.86	1022.99	1023.13	1023.21	1023.24	1023.31	1023.37	1023.47	1023.59	1023.72	1023.78	1023.77	1023.37
	8	1023.87	1023.93	1023.97	1024.02	1024.01	1024.03	1024.12	1024.18	1024.22	1024.35	1024.44	1024.45	1024.13
	9	1024.48	1024.48	1024.48	1024.52	1024.53	1024.54	1024.58	1024.59	1024.53	1024.47	1024.44	1024.42	1024.50
	10	1024.43	1024.45	1024.46	1024.47	1024.47	1024.45	1024.44	1024.49	1024.52	1024.48	1024.40	1024.30	1024.44
	11	1024.25	1024.20	1024.18	1024.21	1024.19	1024.16	1024.09	1024.01	1023.92	1023.88	1023.85	1023.81	1024.06
	12	1023.76	1023.71	1023.65	1023.56	1023.52	1023.54	1023.51	1023.49	1023.50	1023.55	1023.57	1023.55	1023.57
	13	1023.58	1023.57	1023.56	1023.62	1023.67	1023.72	1023.76	1023.79	1023.79	1023.76	1023.68	1023.69	1023.68
	14	1023.80	1023.88	1023.90	1023.91	1023.93	1023.90	1023.86	1023.96	1024.15	1024.18	1024.15	1024.17	1023.98
	15	1024.34	1024.57	1024.73	1024.82	1024.85	1024.98	1025.13	1025.22	1025.22	1025.22	1025.27	1025.32	1024.97
	16	1025.45	1025.57	1025.67	1025.82	1025.93	1026.03	1026.12	1026.12	1026.12	1026.17	1026.27	1026.37	1025.97
	17	1026.40	1026.38	1026.38	1026.41	1026.51	1026.60	1026.60	1026.60	1026.72	1026.88	1026.93	1026.97	1026.61
	18	1027.00	1027.08	1027.16	1027.17	1027.24	1027.30	1027.30	1027.32	1027.31	1027.25	1027.18	1027.14	1027.20
	19	1027.13	1027.20	1027.31	1027.34	1027.29	1027.27	1027.29	1027.32	1027.39	1027.43	1027.46	1027.55	1027.33
	20	1027.61	1027.66	1027.72	1027.75	1027.71	1027.68	1027.71	1027.72	1027.66	1027.68	1027.78	1027.77	1027.70
	21	1027.80	1027.90	1027.94	1027.98	1028.03	1028.02	1028.05	1028.10	1028.07	1028.04	1028.08	1028.13	1028.01
	22	1028.06	1028.05	1028.08	1028.07	1028.04	1027.99	1028.03	1028.07	1028.04	1028.02	1028.06	1028.10	1028.05
	23	1028.11	1028.14	1028.10	1028.02	1028.01	1028.00	1027.97	1027.98	1027.98	1027.93	1027.87	1027.82	1027.99
6	0	1027.77	1027.76	1027.77	1027.77	1027.80	1027.85	1027.85	1027.83	1027.83	1027.82	1027.82	1027.84	1027.81
	1	1027.85	1027.85	1027.84	1027.79	1027.74	1027.71	1027.65	1027.57	1027.47	1027.38	1027.33	1027.31	1027.62
	2	1027.29	1027.31	1027.32	1027.30	1027.25	1027.19	1027.12	1027.07	1027.09	1027.11	1027.14	1027.19	1027.20
	3	1027.18	1027.12	1027.07	1027.01	1026.99	1026.98	1026.99	1027.03	1027.08	1027.07	1027.06	1027.09	1027.05
	4	1026.98	1026.90	1026.92	1026.93	1026.91	1026.85	1026.80	1026.78	1026.77	1026.76	1026.81	1026.88	1026.86
	5	1026.90	1026.83	1026.81	1026.90	1026.97	1026.98	1026.94	1026.93	1026.97	1026.98	1026.93	1026.92	1026.92
	6	1026.97	1027.00	1027.02	1027.08	1027.10	1027.13	1027.21	1027.29	1027.24	1027.20	1027.17	1027.11	1027.13
	7	1027.24	1027.28	1027.28	1027.39	1027.44	1027.43	1027.45	1027.47	1027.43	1027.36	1027.32	1027.31	1027.36
	8	1027.29	1027.29	1027.31	1027.34	1027.37	1027.38	1027.42	1027.46	1027.44	1027.41	1027.43	1027.42	1027.38
	9	1027.36	1027.37	1027.39	1027.36	1027.33	1027.32	1027.26	1027.19	1027.15	1027.11	1027.04	1026.95	1027.23
	10	1026.87	1026.81	1026.80	1026.75	1026.70	1026.65	1026.52	1026.39	1026.27	1026.18	1026.12	1026.08	1026.51
	11	1026.09	1026.12	1026.07	1025.96	1025.90	1025.86	1025.86	1025.84	1025.73	1025.66	1025.62	1025.59	1025.86
	12	1025.59	1025.55	1025.44	1025.29	1025.19	1025.14	1025.09	1025.06	1025.00	1024.93	1024.87	1024.83	1025.16
	13	1024.81	1024.78	1024.77	1024.74	1024.70	1024.69	1024.71	1024.69	1024.63	1024.66	1024.70	1024.68	1024.71
	14	1024.65	1024.64	1024.63	1024.63	1024.64	1024.63	1024.65	1024.67	1024.67	1024.69	1024.75	1024.82	1024.67
	15	1024.83	1024.82	1024.83	1024.87	1024.90	1024.91	1024.90	1024.88	1024.91	1024.96	1024.97	1024.97	1024.89
	16	1024.95	1024.94	1024.97	1024.98	1024.94	1024.94	1024.98	1024.95	1024.94	1024.99	1025.01	1025.01	1024.96
	17	1025.03	1025.06	1025.05	1025.05	1025.06	1025.06	1025.05	1025.05	1025.09	1025.15	1025.16	1025.12	1025.07
	18	1025.04	1025.02	1025.07	1025.10	1025.11	1025.10	1025.10	1025.09	1025.04	1024.99	1024.97	1024.93	1025.04
	19	1024.88	1024.87	1024.89	1024.92	1024.99	1025.02	1025.03	1025.05	1025.10	1025.11	1025.15	1025.25	1025.02
	20	1025.29	1025.28	1025.27	1025.30	1025.33	1025.30	1025.31	1025.36	1025.38	1025.38	1025.37	1025.35	1025.32
	21	1025.35	1025.38	1025.39	1025.42	1025.51	1025.62	1025.69	1025.70	1025.65	1025.63	1025.63	1025.60	1025.55
	22	1025.59	1025.61	1025.64	1025.65	1025.65	1025.66	1025.65	1025.63	1025.67	1025.74	1025.78	1025.80	1025.67
	23	1025.80	1025.82	1025.83	1025.82	1025.78	1025.77	1025.78	1025.77	1025.75	1025.76	1025.78	1025.81	1025.79

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
7	0	1025.86	1025.84	1025.78	1025.70	1025.64	1025.64	1025.69	1025.72	1025.73	1025.71	1025.71	1025.75	1025.72
	1	1025.75	1025.75	1025.75	1025.75	1025.72	1025.68	1025.66	1025.65	1025.62	1025.61	1025.60	1025.53	1025.67
	2	1025.44	1025.38	1025.33	1025.22	1025.11	1025.04	1024.99	1024.94	1024.90	1024.88	1024.83	1024.82	1025.07
	3	1024.82	1024.84	1024.86	1024.88	1024.87	1024.88	1024.89	1024.86	1024.81	1024.74	1024.72	1024.72	1024.82
	4	1024.76	1024.77	1024.72	1024.69	1024.69	1024.67	1024.64	1024.61	1024.63	1024.66	1024.71	1024.76	1024.69
	5	1024.83	1024.87	1024.89	1024.93	1024.93	1024.95	1025.00	1025.01	1025.00	1025.01	1025.03	1025.03	1024.95
	6	1025.05	1025.11	1025.13	1025.03	1024.97	1024.99	1024.95	1024.95	1025.01	1024.98	1024.97	1025.00	1025.01
	7	1025.03	1025.08	1025.16	1025.21	1025.20	1025.22	1025.27	1025.29	1025.28	1025.29	1025.32	1025.35	1025.22
	8	1025.36	1025.37	1025.42	1025.46	1025.42	1025.42	1025.46	1025.46	1025.48	1025.50	1025.55	1025.64	1025.46
	9	1025.70	1025.74	1025.76	1025.77	1025.77	1025.76	1025.75	1025.66	1025.55	1025.54	1025.61	1025.66	1025.69
	10	1025.70	1025.69	1025.62	1025.60	1025.62	1025.54	1025.38	1025.25	1025.09	1024.91	1024.84	1024.83	1025.34
	11	1024.81	1024.80	1024.72	1024.60	1024.58	1024.58	1024.64	1024.71	1024.71	1024.66	1024.56	1024.46	1024.65
	12	1024.39	1024.33	1024.23	1024.10	1023.98	1023.84	1023.67	1023.64	1023.71	1023.73	1023.72	1023.70	1023.92
	13	1023.64	1023.57	1023.53	1023.53	1023.56	1023.53	1023.45	1023.37	1023.34	1023.36	1023.37	1023.37	1023.47
	14	1023.39	1023.43	1023.45	1023.46	1023.48	1023.50	1023.50	1023.52	1023.53	1023.52	1023.52	1023.50	1023.48
	15	1023.47	1023.47	1023.51	1023.53	1023.55	1023.62	1023.66	1023.63	1023.55	1023.49	1023.51	1023.54	1023.54
	16	1023.52	1023.51	1023.51	1023.52	1023.59	1023.65	1023.66	1023.69	1023.74	1023.73	1023.75	1023.76	1023.63
	17	1023.77	1023.81	1023.85	1023.87	1023.87	1023.80	1023.73	1023.70	1023.71	1023.76	1023.79	1023.79	1023.78
	18	1023.78	1023.78	1023.78	1023.74	1023.68	1023.65	1023.63	1023.63	1023.64	1023.63	1023.60	1023.57	1023.67
	19	1023.56	1023.58	1023.60	1023.64	1023.63	1023.61	1023.60	1023.58	1023.62	1023.67	1023.67	1023.63	1023.61
	20	1023.61	1023.62	1023.62	1023.63	1023.66	1023.70	1023.73	1023.74	1023.74	1023.74	1023.73	1023.71	1023.68
	21	1023.73	1023.76	1023.81	1023.89	1023.92	1023.98	1024.03	1024.06	1024.12	1024.18	1024.24	1024.25	1023.99
	22	1024.26	1024.27	1024.28	1024.29	1024.29	1024.26	1024.20	1024.15	1024.16	1024.23	1024.27	1024.25	1024.24
	23	1024.20	1024.15	1024.10	1024.09	1024.11	1024.14	1024.16	1024.15	1024.21	1024.30	1024.31	1024.31	1024.18
8	0	1024.29	1024.26	1024.21	1024.23	1024.30	1024.37	1024.41	1024.47	1024.51	1024.55	1024.58	1024.61	1024.40
	1	1024.67	1024.74	1024.77	1024.77	1024.77	1024.76	1024.72	1024.70	1024.72	1024.78	1024.87	1024.90	1024.76
	2	1024.89	1024.88	1024.87	1024.84	1024.80	1024.78	1024.75	1024.66	1024.57	1024.54	1024.50	1024.46	1024.71
	3	1024.44	1024.40	1024.39	1024.39	1024.36	1024.40	1024.49	1024.52	1024.51	1024.53	1024.51	1024.48	1024.45
	4	1024.50	1024.52	1024.52	1024.53	1024.54	1024.57	1024.60	1024.67	1024.72	1024.79	1024.85	1024.90	1024.64
	5	1025.00	1025.06	1025.11	1025.16	1025.21	1025.26	1025.32	1025.35	1025.43	1025.61	1025.70	1025.73	1025.33
	6	1025.82	1025.95	1026.08	1026.10	1026.16	1026.27	1026.27	1026.22	1026.29	1026.45	1026.55	1026.59	1026.23
	7	1026.61	1026.63	1026.67	1026.79	1026.88	1026.86	1026.82	1026.84	1026.86	1026.87	1026.90	1026.91	1026.80
	8	1026.96	1027.03	1027.06	1027.09	1027.13	1027.22	1027.29	1027.30	1027.36	1027.46	1027.54	1027.58	1027.25
	9	1027.63	1027.67	1027.66	1027.67	1027.72	1027.72	1027.70	1027.73	1027.77	1027.76	1027.74	1027.78	1027.71
	10	1027.83	1027.84	1027.85	1027.88	1027.90	1027.89	1027.88	1027.82	1027.73	1027.63	1027.51	1027.41	1027.76
	11	1027.34	1027.27	1027.15	1027.09	1027.12	1027.12	1027.05	1026.97	1026.93	1026.93	1026.93	1026.89	1027.06
	12	1026.84	1026.79	1026.76	1026.73	1026.67	1026.61	1026.58	1026.57	1026.56	1026.56	1026.57	1026.58	1026.65
	13	1026.59	1026.57	1026.55	1026.57	1026.60	1026.61	1026.63	1026.66	1026.65	1026.65	1026.67	1026.70	1026.62
	14	1026.75	1026.78	1026.78	1026.78	1026.80	1026.83	1026.86	1026.87	1026.94	1027.03	1027.07	1027.11	1026.88
	15	1027.11	1027.12	1027.17	1027.21	1027.24	1027.25	1027.31	1027.38	1027.42	1027.46	1027.49	1027.51	1027.31
	16	1027.51	1027.51	1027.54	1027.54	1027.52	1027.55	1027.56	1027.58	1027.66	1027.72	1027.75	1027.79	1027.60
	17	1027.83	1027.85	1027.87	1027.96	1028.07	1028.14	1028.17	1028.22	1028.30	1028.34	1028.36	1028.37	1028.12
	18	1028.37	1028.39	1028.44	1028.47	1028.50	1028.51	1028.50	1028.47	1028.43	1028.45	1028.47	1028.45	1028.45
	19	1028.45	1028.49	1028.50	1028.53	1028.59	1028.64	1028.67	1028.69	1028.74	1028.79	1028.82	1028.83	1028.64
	20	1028.85	1028.86	1028.90	1028.90	1028.84	1028.82	1028.79	1028.73	1028.70	1028.69	1028.72	1028.77	1028.80
	21	1028.79	1028.78	1028.78	1028.79	1028.77	1028.75	1028.73	1028.66	1028.60	1028.60	1028.60	1028.59	1028.70
	22	1028.59	1028.59	1028.57	1028.55	1028.51	1028.47	1028.42	1028.35	1028.29	1028.28	1028.25	1028.26	1028.43
	23	1028.30	1028.34	1028.39	1028.42	1028.46	1028.53	1028.58	1028.59	1028.58	1028.54	1028.55	1028.62	1028.49

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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	1028.61	1028.64	1028.70	1028.74	1028.77	1028.77	1028.76	1028.79	1028.83	1028.84	1028.84	1028.86	1028.77
	1	1028.89	1028.92	1028.94	1028.93	1028.96	1028.99	1029.00	1029.01	1028.98	1028.98	1028.99	1029.01	1028.96
	2	1028.99	1028.94	1028.92	1028.90	1028.87	1028.81	1028.74	1028.67	1028.58	1028.50	1028.45	1028.40	1028.73
	3	1028.35	1028.33	1028.32	1028.30	1028.27	1028.22	1028.19	1028.19	1028.20	1028.20	1028.21	1028.21	1028.25
	4	1028.22	1028.25	1028.30	1028.30	1028.28	1028.28	1028.29	1028.32	1028.36	1028.40	1028.44	1028.49	1028.33
	5	1028.50	1028.50	1028.51	1028.53	1028.53	1028.54	1028.56	1028.57	1028.60	1028.62	1028.61	1028.59	1028.55
	6	1028.59	1028.57	1028.53	1028.52	1028.51	1028.53	1028.55	1028.54	1028.54	1028.55	1028.56	1028.58	1028.55
	7	1028.60	1028.60	1028.61	1028.65	1028.72	1028.77	1028.78	1028.83	1028.87	1028.89	1028.91	1028.93	1028.76
	8	1028.96	1029.00	1029.02	1029.06	1029.10	1029.13	1029.15	1029.16	1029.18	1029.17	1029.14	1029.14	1029.10
	9	1029.17	1029.15	1029.12	1029.12	1029.10	1029.07	1029.03	1029.02	1028.99	1028.93	1028.88	1028.83	1029.03
	10	1028.79	1028.75	1028.69	1028.64	1028.56	1028.47	1028.40	1028.33	1028.25	1028.16	1028.09	1028.03	1028.43
	11	1027.97	1027.93	1027.87	1027.78	1027.68	1027.59	1027.53	1027.48	1027.42	1027.35	1027.28	1027.19	1027.59
	12	1027.08	1026.98	1026.92	1026.85	1026.77	1026.72	1026.69	1026.64	1026.58	1026.51	1026.46	1026.44	1026.72
	13	1026.42	1026.40	1026.42	1026.43	1026.44	1026.42	1026.40	1026.41	1026.40	1026.38	1026.37	1026.38	1026.40
	14	1026.36	1026.37	1026.40	1026.40	1026.39	1026.38	1026.37	1026.35	1026.36	1026.38	1026.39	1026.37	1026.37
	15	1026.35	1026.34	1026.33	1026.30	1026.28	1026.26	1026.24	1026.21	1026.21	1026.23	1026.25	1026.28	1026.27
	16	1026.29	1026.29	1026.29	1026.31	1026.34	1026.38	1026.43	1026.47	1026.48	1026.49	1026.51	1026.54	1026.40
	17	1026.57	1026.61	1026.66	1026.68	1026.68	1026.68	1026.69	1026.68	1026.68	1026.68	1026.66	1026.68	1026.66
	18	1026.69	1026.69	1026.73	1026.81	1026.85	1026.85	1026.85	1026.87	1026.91	1026.96	1026.98	1026.97	1026.84
	19	1026.95	1026.96	1027.00	1027.03	1027.05	1027.05	1027.01	1027.01	1027.04	1027.04	1027.05	1027.04	1027.02
	20	1027.01	1026.99	1026.94	1026.91	1026.89	1026.89	1026.92	1026.93	1026.98	1027.03	1027.06	1027.07	1026.97
	21	1027.07	1027.04	1027.05	1027.08	1027.07	1027.07	1027.09	1027.11	1027.14	1027.15	1027.14	1027.16	1027.10
	22	1027.19	1027.21	1027.19	1027.16	1027.15	1027.11	1027.08	1027.08	1027.08	1027.05	1026.99	1026.93	1027.10
	23	1026.87	1026.83	1026.83	1026.82	1026.80	1026.77	1026.73	1026.68	1026.66	1026.68	1026.70	1026.68	1026.75
10	0	1026.65	1026.63	1026.59	1026.56	1026.54	1026.54	1026.52	1026.47	1026.46	1026.48	1026.48	1026.47	1026.52
	1	1026.48	1026.48	1026.47	1026.48	1026.50	1026.51	1026.48	1026.45	1026.41	1026.36	1026.32	1026.28	1026.43
	2	1026.21	1026.17	1026.17	1026.17	1026.16	1026.11	1026.07	1026.08	1026.09	1026.07	1026.05	1026.04	1026.11
	3	1026.05	1026.05	1025.99	1025.96	1025.97	1025.97	1025.95	1025.90	1025.86	1025.85	1025.81	1025.78	1025.93
	4	1025.79	1025.80	1025.73	1025.68	1025.70	1025.72	1025.71	1025.69	1025.74	1025.81	1025.79	1025.73	1025.74
	5	1025.71	1025.73	1025.76	1025.74	1025.74	1025.75	1025.80	1025.86	1025.83	1025.87	1025.96	1025.96	1025.81
	6	1025.95	1025.97	1026.00	1026.00	1025.98	1025.98	1025.98	1026.03	1026.10	1026.09	1026.08	1026.09	1026.02
	7	1026.06	1026.02	1025.99	1026.00	1026.05	1026.06	1026.03	1025.99	1025.93	1025.87	1025.80	1025.70	1025.96
	8	1025.59	1025.63	1025.77	1025.85	1025.89	1025.92	1025.95	1025.97	1025.97	1025.96	1026.00	1026.04	1025.88
	9	1026.02	1026.00	1026.01	1026.02	1026.02	1025.99	1025.93	1025.85	1025.80	1025.76	1025.71	1025.65	1025.89
	10	1025.55	1025.46	1025.35	1025.25	1025.17	1025.10	1025.06	1024.99	1024.93	1024.90	1024.85	1024.76	1025.11
	11	1024.62	1024.46	1024.31	1024.24	1024.21	1024.23	1024.22	1024.22	1024.19	1024.15	1024.15	1024.12	1024.26
	12	1024.07	1024.02	1023.99	1023.95	1023.90	1023.81	1023.70	1023.64	1023.59	1023.52	1023.50	1023.50	1023.76
	13	1023.47	1023.44	1023.39	1023.32	1023.29	1023.29	1023.30	1023.31	1023.33	1023.33	1023.32	1023.26	1023.33
	14	1023.19	1023.15	1023.12	1023.09	1023.06	1023.07	1023.10	1023.09	1023.06	1023.01	1022.99	1022.97	1023.07
	15	1022.98	1023.00	1023.03	1023.02	1023.00	1023.02	1023.01	1022.98	1022.99	1023.00	1023.03	1023.06	1023.01
	16	1023.11	1023.16	1023.20	1023.25	1023.29	1023.28	1023.28	1023.31	1023.34	1023.37	1023.42	1023.44	1023.28
	17	1023.43	1023.43	1023.44	1023.46	1023.47	1023.51	1023.57	1023.63	1023.67	1023.69	1023.69	1023.70	1023.56
	18	1023.70	1023.73	1023.74	1023.75	1023.76	1023.76	1023.80	1023.81	1023.81	1023.85	1023.87	1023.90	1023.79
	19	1023.94	1023.96	1023.96	1023.96	1023.98	1024.01	1024.02	1024.02	1024.07	1024.10	1024.14	1024.16	1024.02
	20	1024.18	1024.23	1024.27	1024.29	1024.32	1024.34	1024.36	1024.40	1024.45	1024.47	1024.51	1024.60	1024.37
	21	1024.67	1024.68	1024.69	1024.73	1024.77	1024.77	1024.77	1024.76	1024.77	1024.80	1024.83	1024.84	1024.75
	22	1024.84	1024.81	1024.78	1024.74	1024.67	1024.63	1024.64	1024.67	1024.65	1024.58	1024.53	1024.52	1024.67
	23	1024.51	1024.48	1024.47	1024.46	1024.45	1024.48	1024.51	1024.54	1024.55	1024.53	1024.51	1024.51	1024.50

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1024.49	1024.50	1024.51	1024.51	1024.52	1024.56	1024.58	1024.58	1024.61	1024.71	1024.80	1024.84	1024.60
	1	1024.83	1024.82	1024.82	1024.79	1024.78	1024.79	1024.79	1024.77	1024.73	1024.71	1024.71	1024.69	1024.77
	2	1024.68	1024.67	1024.66	1024.63	1024.57	1024.50	1024.44	1024.42	1024.43	1024.40	1024.41	1024.42	1024.52
	3	1024.38	1024.33	1024.27	1024.24	1024.26	1024.31	1024.38	1024.37	1024.37	1024.39	1024.34	1024.26	1024.32
	4	1024.21	1024.17	1024.17	1024.21	1024.21	1024.20	1024.23	1024.23	1024.21	1024.19	1024.22	1024.21	1024.20
	5	1024.18	1024.24	1024.31	1024.35	1024.36	1024.34	1024.31	1024.32	1024.38	1024.46	1024.52	1024.49	1024.35
	6	1024.42	1024.40	1024.40	1024.34	1024.29	1024.31	1024.37	1024.44	1024.48	1024.47	1024.45	1024.45	1024.40
	7	1024.44	1024.43	1024.48	1024.54	1024.58	1024.61	1024.64	1024.68	1024.73	1024.74	1024.73	1024.70	1024.61
	8	1024.71	1024.80	1024.85	1024.84	1024.83	1024.87	1024.91	1024.91	1024.92	1024.94	1024.98	1025.05	1024.88
	9	1025.12	1025.14	1025.15	1025.17	1025.19	1025.19	1025.18	1025.16	1025.12	1025.09	1025.07	1025.02	1025.13
	10	1024.96	1024.95	1024.94	1024.89	1024.84	1024.82	1024.79	1024.74	1024.68	1024.64	1024.62	1024.58	1024.79
	11	1024.52	1024.45	1024.37	1024.32	1024.27	1024.17	1024.06	1023.97	1023.88	1023.81	1023.74	1023.63	1024.10
	12	1023.57	1023.50	1023.41	1023.37	1023.36	1023.31	1023.23	1023.14	1023.06	1023.01	1023.00	1022.98	1023.24
	13	1022.92	1022.85	1022.78	1022.74	1022.75	1022.76	1022.75	1022.72	1022.69	1022.65	1022.64	1022.62	1022.74
	14	1022.58	1022.55	1022.53	1022.54	1022.55	1022.54	1022.56	1022.55	1022.51	1022.49	1022.47	1022.44	1022.52
	15	1022.41	1022.40	1022.37	1022.38	1022.43	1022.45	1022.45	1022.48	1022.51	1022.55	1022.57	1022.56	1022.46
	16	1022.61	1022.70	1022.74	1022.74	1022.75	1022.77	1022.80	1022.87	1022.96	1023.01	1023.03	1023.09	1022.84
	17	1023.16	1023.17	1023.19	1023.24	1023.29	1023.34	1023.39	1023.44	1023.47	1023.50	1023.55	1023.59	1023.36
	18	1023.58	1023.61	1023.69	1023.71	1023.71	1023.72	1023.72	1023.71	1023.74	1023.79	1023.81	1023.82	1023.71
	19	1023.82	1023.80	1023.76	1023.77	1023.79	1023.80	1023.81	1023.80	1023.80	1023.79	1023.79	1023.84	1023.79
	20	1023.88	1023.91	1023.96	1024.04	1024.10	1024.14	1024.15	1024.18	1024.22	1024.25	1024.28	1024.28	1024.11
	21	1024.29	1024.29	1024.29	1024.32	1024.35	1024.40	1024.48	1024.55	1024.62	1024.68	1024.71	1024.73	1024.47
	22	1024.73	1024.73	1024.71	1024.70	1024.71	1024.69	1024.64	1024.61	1024.62	1024.63	1024.57	1024.50	1024.65
	23	1024.47	1024.46	1024.45	1024.43	1024.40	1024.38	1024.35	1024.35	1024.35	1024.35	1024.35	1024.33	1024.39
12	0	1024.36	1024.36	1024.36	1024.38	1024.40	1024.43	1024.47	1024.54	1024.60	1024.63	1024.65	1024.66	1024.49
	1	1024.68	1024.70	1024.72	1024.73	1024.77	1024.81	1024.84	1024.89	1024.93	1024.97	1025.00	1025.03	1024.84
	2	1025.07	1025.08	1025.07	1025.06	1025.10	1025.10	1025.08	1025.08	1025.05	1025.02	1025.02	1025.02	1025.06
	3	1025.01	1024.99	1024.96	1024.95	1024.94	1024.93	1024.95	1024.95	1024.96	1024.96	1024.93	1024.92	1024.95
	4	1024.94	1024.94	1024.93	1024.94	1024.94	1024.91	1024.89	1024.90	1024.92	1024.91	1024.90	1024.96	1024.92
	5	1025.02	1025.02	1025.01	1025.06	1025.11	1025.22	1025.35	1025.41	1025.43	1025.45	1025.49	1025.52	1025.25
	6	1025.54	1025.53	1025.51	1025.50	1025.49	1025.52	1025.56	1025.62	1025.66	1025.71	1025.77	1025.77	1025.60
	7	1025.78	1025.84	1025.87	1025.86	1025.85	1025.84	1025.82	1025.83	1025.88	1025.91	1025.89	1025.87	1025.85
	8	1025.83	1025.80	1025.80	1025.79	1025.83	1025.86	1025.85	1025.83	1025.84	1025.86	1025.87	1025.89	1025.84
	9	1025.94	1026.04	1026.12	1026.15	1026.16	1026.14	1026.15	1026.19	1026.20	1026.19	1026.16	1026.13	1026.13
	10	1026.08	1026.01	1025.95	1025.89	1025.78	1025.68	1025.58	1025.44	1025.35	1025.29	1025.18	1025.05	1025.60
	11	1024.97	1024.95	1024.93	1024.87	1024.79	1024.73	1024.67	1024.60	1024.52	1024.44	1024.36	1024.29	1024.67
	12	1024.18	1024.09	1024.06	1024.00	1023.94	1023.90	1023.82	1023.73	1023.68	1023.64	1023.60	1023.57	1023.85
	13	1023.53	1023.50	1023.47	1023.44	1023.41	1023.36	1023.34	1023.35	1023.35	1023.31	1023.24	1023.21	1023.37
	14	1023.21	1023.20	1023.20	1023.20	1023.21	1023.24	1023.24	1023.26	1023.29	1023.28	1023.29	1023.31	1023.24
	15	1023.31	1023.31	1023.31	1023.33	1023.34	1023.36	1023.39	1023.41	1023.42	1023.45	1023.47	1023.49	1023.38
	16	1023.53	1023.57	1023.59	1023.62	1023.67	1023.73	1023.81	1023.85	1023.91	1024.00	1024.05	1024.11	1023.78
	17	1024.14	1024.11	1024.11	1024.16	1024.18	1024.13	1024.08	1024.09	1024.10	1024.13	1024.13	1024.15	1024.12
	18	1024.16	1024.14	1024.13	1024.11	1024.09	1024.11	1024.13	1024.13	1024.09	1024.03	1024.00	1023.98	1024.09
	19	1023.99	1024.01	1024.03	1024.07	1024.07	1024.07	1024.09	1024.10	1024.13	1024.15	1024.19	1024.24	1024.09
	20	1024.29	1024.30	1024.30	1024.33	1024.38	1024.43	1024.43	1024.39	1024.35	1024.35	1024.37	1024.39	1024.36
	21	1024.44	1024.49	1024.54	1024.58	1024.62	1024.67	1024.74	1024.79	1024.79	1024.84	1024.91	1024.97	1024.70
	22	1024.95	1024.88	1024.83	1024.81	1024.76	1024.76	1024.76	1024.76	1024.78	1024.77	1024.78	1024.76	1024.80
	23	1024.71	1024.66	1024.63	1024.60	1024.57	1024.57	1024.60	1024.58	1024.51	1024.51	1024.57	1024.57	1024.59

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
13	0	1024.55	1024.57	1024.62	1024.60	1024.55	1024.57	1024.62	1024.65	1024.64	1024.64	1024.70	1024.78	1024.62
	1	1024.83	1024.84	1024.84	1024.84	1024.84	1024.84	1024.85	1024.85	1024.84	1024.83	1024.82	1024.82	1024.83
	2	1024.82	1024.82	1024.82	1024.80	1024.78	1024.77	1024.74	1024.70	1024.64	1024.59	1024.54	1024.49	1024.71
	3	1024.47	1024.47	1024.46	1024.46	1024.45	1024.43	1024.42	1024.43	1024.44	1024.45	1024.45	1024.44	1024.45
	4	1024.44	1024.43	1024.44	1024.45	1024.44	1024.41	1024.41	1024.45	1024.49	1024.53	1024.59	1024.64	1024.47
	5	1024.65	1024.66	1024.67	1024.69	1024.74	1024.79	1024.82	1024.86	1024.89	1024.88	1024.88	1024.89	1024.78
	6	1024.91	1024.93	1024.97	1025.00	1025.01	1025.03	1025.08	1025.14	1025.18	1025.19	1025.17	1025.18	1025.06
	7	1025.19	1025.20	1025.24	1025.26	1025.30	1025.32	1025.33	1025.36	1025.39	1025.42	1025.43	1025.44	1025.32
	8	1025.48	1025.54	1025.60	1025.63	1025.65	1025.65	1025.64	1025.65	1025.69	1025.76	1025.81	1025.81	1025.66
	9	1025.83	1025.85	1025.87	1025.89	1025.91	1025.94	1025.95	1025.93	1025.88	1025.84	1025.82	1025.79	1025.87
	10	1025.76	1025.74	1025.71	1025.69	1025.69	1025.66	1025.61	1025.56	1025.50	1025.44	1025.40	1025.34	1025.59
	11	1025.23	1025.14	1025.08	1025.01	1024.93	1024.86	1024.83	1024.78	1024.67	1024.57	1024.45	1024.35	1024.82
	12	1024.26	1024.14	1024.05	1023.99	1023.93	1023.91	1023.88	1023.82	1023.77	1023.74	1023.71	1023.72	1023.91
	13	1023.73	1023.73	1023.71	1023.68	1023.65	1023.65	1023.64	1023.63	1023.63	1023.64	1023.65	1023.66	1023.66
	14	1023.65	1023.68	1023.69	1023.68	1023.68	1023.65	1023.65	1023.67	1023.68	1023.69	1023.67	1023.67	1023.67
	15	1023.68	1023.66	1023.65	1023.64	1023.61	1023.58	1023.57	1023.57	1023.57	1023.57	1023.56	1023.56	1023.60
	16	1023.55	1023.52	1023.55	1023.59	1023.59	1023.60	1023.62	1023.64	1023.67	1023.73	1023.78	1023.80	1023.63
	17	1023.84	1023.88	1023.90	1023.95	1024.03	1024.08	1024.12	1024.13	1024.10	1024.08	1024.04	1024.02	1024.01
	18	1024.02	1024.02	1024.02	1024.03	1024.05	1024.01	1023.98	1023.98	1023.97	1023.97	1023.97	1023.98	1024.00
	19	1024.00	1024.01	1024.02	1024.05	1024.03	1024.03	1024.06	1024.08	1024.10	1024.11	1024.15	1024.20	1024.07
	20	1024.23	1024.27	1024.30	1024.28	1024.26	1024.23	1024.21	1024.19	1024.17	1024.19	1024.22	1024.24	1024.23
	21	1024.27	1024.30	1024.36	1024.42	1024.43	1024.45	1024.49	1024.54	1024.57	1024.56	1024.58	1024.61	1024.46
	22	1024.66	1024.69	1024.72	1024.72	1024.70	1024.74	1024.82	1024.87	1024.85	1024.83	1024.83	1024.81	1024.77
	23	1024.77	1024.73	1024.70	1024.67	1024.63	1024.57	1024.51	1024.46	1024.45	1024.46	1024.41	1024.37	1024.56
14	0	1024.25	1024.22	1024.17	1024.12	1024.08	1024.06	1024.05	1024.05	1024.04	1024.03	1023.99	1023.97	1024.08
	1	1023.98	1023.95	1023.92	1023.91	1023.92	1023.95	1023.99	1024.02	1024.03	1024.04	1024.09	1024.17	1023.99
	2	1024.24	1024.30	1024.37	1024.40	1024.42	1024.42	1024.38	1024.36	1024.35	1024.35	1024.35	1024.35	1024.35
	3	1024.38	1024.41	1024.40	1024.40	1024.41	1024.41	1024.43	1024.44	1024.43	1024.40	1024.38	1024.36	1024.40
	4	1024.40	1024.44	1024.43	1024.41	1024.39	1024.40	1024.43	1024.49	1024.54	1024.57	1024.59	1024.60	1024.47
	5	1024.61	1024.62	1024.67	1024.74	1024.79	1024.84	1024.87	1024.89	1024.93	1024.96	1025.02	1025.06	1024.83
	6	1025.05	1025.02	1025.02	1025.06	1025.10	1025.11	1025.10	1025.10	1025.13	1025.17	1025.17	1025.18	1025.10
	7	1025.17	1025.16	1025.16	1025.19	1025.25	1025.30	1025.33	1025.34	1025.34	1025.36	1025.35	1025.35	1025.27
	8	1025.41	1025.44	1025.48	1025.55	1025.60	1025.62	1025.65	1025.69	1025.75	1025.80	1025.84	1025.88	1025.64
	9	1025.93	1025.99	1026.02	1026.04	1026.07	1026.10	1026.15	1026.17	1026.17	1026.17	1026.16	1026.15	1026.09
	10	1026.14	1026.10	1026.02	1025.97	1025.97	1025.95	1025.90	1025.86	1025.82	1025.76	1025.72	1025.68	1025.91
	11	1025.63	1025.58	1025.51	1025.43	1025.37	1025.32	1025.27	1025.23	1025.14	1025.03	1024.95	1024.89	1025.28
	12	1024.88	1024.85	1024.80	1024.77	1024.74	1024.72	1024.70	1024.68	1024.65	1024.63	1024.61	1024.58	1024.72
	13	1024.56	1024.55	1024.51	1024.46	1024.45	1024.48	1024.51	1024.53	1024.57	1024.59	1024.62	1024.67	1024.54
	14	1024.69	1024.70	1024.70	1024.71	1024.76	1024.83	1024.87	1024.89	1024.91	1024.93	1024.96	1024.97	1024.82
	15	1024.99	1025.05	1025.09	1025.12	1025.16	1025.22	1025.30	1025.30	1025.30	1025.38	1025.46	1025.51	1025.24
	16	1025.54	1025.60	1025.66	1025.68	1025.71	1025.75	1025.81	1025.90	1025.96	1025.98	1026.00	1026.06	1025.80
	17	1026.11	1026.13	1026.12	1026.11	1026.12	1026.16	1026.19	1026.23	1026.27	1026.32	1026.36	1026.40	1026.21
	18	1026.45	1026.51	1026.54	1026.53	1026.53	1026.52	1026.52	1026.53	1026.55	1026.54	1026.53	1026.55	1026.52
	19	1026.62	1026.71	1026.71	1026.68	1026.68	1026.69	1026.70	1026.68	1026.67	1026.70	1026.74	1026.79	1026.70
	20	1026.85	1026.89	1026.90	1026.90	1026.92	1026.95	1026.96	1026.97	1027.02	1027.05	1027.05	1027.05	1026.96
	21	1027.05	1027.06	1027.06	1027.08	1027.10	1027.12	1027.16	1027.21	1027.26	1027.28	1027.31	1027.38	1027.17
	22	1027.43	1027.47	1027.52	1027.55	1027.58	1027.57	1027.55	1027.53	1027.53	1027.54	1027.53	1027.52	1027.52
	23	1027.51	1027.51	1027.46	1027.42	1027.43	1027.44	1027.45	1027.45	1027.46	1027.47	1027.46	1027.47	1027.46

S.V.I.R.CO. Observatory - Pressure in hectoPascal – January 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
15	0	1027.52	1027.52	1027.51	1027.53	1027.57	1027.60	1027.62	1027.64	1027.68	1027.70	1027.71	1027.71	1027.61
	1	1027.70	1027.69	1027.67	1027.63	1027.61	1027.63	1027.63	1027.60	1027.59	1027.58	1027.57	1027.54	1027.62
	2	1027.54	1027.53	1027.50	1027.49	1027.49	1027.50	1027.49	1027.47	1027.47	1027.45	1027.44	1027.45	1027.48
	3	1027.45	1027.41	1027.39	1027.39	1027.39	1027.37	1027.36	1027.35	1027.36	1027.37	1027.38	1027.38	1027.38
	4	1027.39	1027.40	1027.41	1027.44	1027.47	1027.48	1027.50	1027.51	1027.50	1027.50	1027.52	1027.57	1027.47
	5	1027.64	1027.68	1027.71	1027.75	1027.79	1027.83	1027.85	1027.85	1027.89	1027.96	1028.00	1028.01	1027.83
	6	1028.04	1028.07	1028.08	1028.08	1028.09	1028.11	1028.13	1028.16	1028.19	1028.23	1028.27	1028.27	1028.14
	7	1028.27	1028.27	1028.28	1028.31	1028.33	1028.30	1028.28	1028.26	1028.27	1028.29	1028.33	1028.38	1028.30
	8	1028.39	1028.39	1028.42	1028.45	1028.49	1028.52	1028.55	1028.61	1028.66	1028.68	1028.71	1028.74	1028.55
	9	1028.76	1028.78	1028.78	1028.76	1028.74	1028.75	1028.75	1028.75	1028.73	1028.71	1028.69	1028.65	1028.74
	10	1028.59	1028.54	1028.53	1028.52	1028.51	1028.48	1028.44	1028.42	1028.40	1028.36	1028.32	1028.28	1028.45
	11	1028.25	1028.22	1028.19	1028.15	1028.09	1028.03	1027.97	1027.92	1027.86	1027.81	1027.77	1027.73	1028.00
	12	1027.67	1027.63	1027.60	1027.57	1027.54	1027.51	1027.46	1027.42	1027.38	1027.32	1027.28	1027.24	1027.47
	13	1027.21	1027.20	1027.17	1027.14	1027.15	1027.16	1027.16	1027.14	1027.12	1027.11	1027.11	1027.13	1027.15
	14	1027.15	1027.15	1027.13	1027.12	1027.12	1027.12	1027.12	1027.11	1027.10	1027.09	1027.09	1027.10	1027.12
	15	1027.10	1027.12	1027.15	1027.19	1027.22	1027.26	1027.29	1027.32	1027.33	1027.34	1027.36	1027.38	1027.25
	16	1027.42	1027.48	1027.54	1027.62	1027.68	1027.75	1027.81	1027.87	1027.91	1027.96	1027.99	1028.00	1027.75
	17	1028.04	1028.09	1028.13	1028.19	1028.26	1028.34	1028.40	1028.42	1028.42	1028.42	1028.44	1028.49	1028.30
	18	1028.54	1028.59	1028.61	1028.61	1028.64	1028.66	1028.64	1028.64	1028.67	1028.69	1028.70	1028.70	1028.64
	19	1028.69	1028.69	1028.68	1028.69	1028.70	1028.69	1028.68	1028.68	1028.69	1028.68	1028.70	1028.72	1028.69
	20	1028.70	1028.69	1028.69	1028.68	1028.66	1028.65	1028.66	1028.69	1028.71	1028.75	1028.80	1028.84	1028.71
	21	1028.87	1028.88	1028.88	1028.89	1028.91	1028.94	1028.95	1028.97	1028.99	1028.99	1029.01	1029.05	1028.94
	22	1029.06	1029.04	1029.04	1029.04	1029.02	1029.03	1029.05	1029.06	1029.08	1029.07	1029.04	1029.04	1029.05
	23	1029.06	1029.08	1029.07	1029.07	1029.08	1029.07	1029.06	1029.07	1029.08	1029.09	1029.08	1029.08	1029.07
16	0	1029.11	1029.11	1029.12	1029.12	1029.10	1029.09	1029.11	1029.15	1029.16	1029.15	1029.13	1029.12	1029.12
	1	1029.13	1029.18	1029.23	1029.27	1029.30	1029.32	1029.33	1029.33	1029.32	1029.33	1029.31	1029.25	1029.27
	2	1029.20	1029.17	1029.17	1029.20	1029.19	1029.16	1029.14	1029.13	1029.13	1029.11	1029.07	1029.04	1029.14
	3	1029.05	1029.07	1029.05	1029.04	1029.05	1029.02	1029.01	1029.02	1029.02	1029.00	1028.97	1028.95	1029.02
	4	1028.92	1028.91	1028.91	1028.94	1028.97	1028.96	1028.94	1028.96	1029.01	1029.07	1029.11	1029.14	1028.98
	5	1029.16	1029.19	1029.20	1029.18	1029.16	1029.19	1029.19	1029.15	1029.11	1029.09	1029.10	1029.14	1029.15
	6	1029.14	1029.15	1029.19	1029.23	1029.27	1029.33	1029.37	1029.39	1029.43	1029.46	1029.48	1029.50	1029.33
	7	1029.53	1029.58	1029.64	1029.67	1029.69	1029.72	1029.73	1029.71	1029.69	1029.69	1029.72	1029.74	1029.67
	8	1029.75	1029.78	1029.80	1029.83	1029.88	1029.91	1029.93	1029.95	1029.95	1029.96	1029.99	1030.00	1029.89
	9	1030.01	1030.02	1030.03	1030.02	1030.01	1030.01	1030.01	1030.03	1030.05	1030.06	1030.03	1029.95	1030.02
	10	1029.91	1029.88	1029.81	1029.71	1029.63	1029.55	1029.45	1029.36	1029.29	1029.19	1029.11	1029.06	1029.49
	11	1029.02	1028.97	1028.88	1028.80	1028.72	1028.62	1028.54	1028.49	1028.46	1028.40	1028.36	1028.31	1028.63
	12	1028.27	1028.21	1028.14	1028.09	1028.04	1027.99	1027.92	1027.85	1027.81	1027.78	1027.76	1027.74	1027.96
	13	1027.71	1027.69	1027.69	1027.68	1027.67	1027.62	1027.56	1027.49	1027.44	1027.42	1027.39	1027.36	1027.56
	14	1027.31	1027.30	1027.29	1027.23	1027.21	1027.19	1027.13	1027.12	1027.11	1027.09	1027.08	1027.10	1027.18
	15	1027.10	1027.09	1027.07	1027.05	1027.04	1027.05	1027.05	1027.04	1027.04	1027.02	1027.02	1027.00	1027.04
	16	1026.97	1026.96	1026.97	1026.97	1026.98	1027.01	1027.04	1027.05	1027.05	1027.07	1027.08	1027.12	1027.02
	17	1027.18	1027.20	1027.20	1027.22	1027.24	1027.22	1027.23	1027.30	1027.37	1027.38	1027.38	1027.38	1027.27
	18	1027.39	1027.37	1027.35	1027.37	1027.41	1027.45	1027.45	1027.43	1027.41	1027.39	1027.39	1027.39	1027.40
	19	1027.37	1027.36	1027.37	1027.42	1027.45	1027.46	1027.45	1027.41	1027.40	1027.44	1027.46	1027.47	1027.42
	20	1027.48	1027.50	1027.51	1027.52	1027.54	1027.53	1027.52	1027.50	1027.49	1027.48	1027.45	1027.42	1027.49
	21	1027.41	1027.40	1027.36	1027.34	1027.34	1027.35	1027.37	1027.36	1027.32	1027.30	1027.30	1027.29	1027.34
	22	1027.26	1027.23	1027.20	1027.18	1027.17	1027.18	1027.15	1027.11	1027.10	1027.10	1027.10	1027.09	1027.15
	23	1027.06	1027.01	1026.95	1026.96	1026.98	1026.97	1026.97	1026.95	1026.93	1026.93	1026.92	1026.90	1026.96

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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	1026.83	1026.83	1026.81	1026.79	1026.76	1026.76	1026.77	1026.76	1026.76	1026.74	1026.75	1026.78	1026.77
	1	1026.79	1026.81	1026.83	1026.84	1026.82	1026.77	1026.72	1026.72	1026.73	1026.71	1026.68	1026.67	1026.76
	2	1026.69	1026.69	1026.65	1026.61	1026.58	1026.55	1026.53	1026.50	1026.47	1026.45	1026.43	1026.41	1026.54
	3	1026.38	1026.37	1026.34	1026.29	1026.27	1026.28	1026.27	1026.28	1026.28	1026.27	1026.28	1026.32	1026.30
	4	1026.35	1026.36	1026.35	1026.31	1026.30	1026.33	1026.35	1026.36	1026.38	1026.37	1026.36	1026.36	1026.35
	5	1026.38	1026.41	1026.41	1026.38	1026.36	1026.36	1026.37	1026.38	1026.39	1026.40	1026.39	1026.40	1026.38
	6	1026.45	1026.46	1026.45	1026.48	1026.48	1026.48	1026.49	1026.48	1026.48	1026.48	1026.48	1026.48	1026.47
	7	1026.48	1026.49	1026.51	1026.53	1026.57	1026.63	1026.68	1026.70	1026.68	1026.70	1026.73	1026.78	1026.62
	8	1026.81	1026.82	1026.83	1026.85	1026.87	1026.88	1026.92	1026.92	1026.90	1026.89	1026.87	1026.87	1026.87
	9	1026.86	1026.86	1026.91	1026.96	1027.00	1027.03	1027.04	1027.02	1026.99	1026.95	1026.92	1026.90	1026.95
	10	1026.89	1026.87	1026.83	1026.78	1026.75	1026.74	1026.68	1026.59	1026.49	1026.40	1026.33	1026.25	1026.63
	11	1026.22	1026.20	1026.13	1026.07	1025.99	1025.90	1025.83	1025.76	1025.66	1025.57	1025.45	1025.35	1025.84
	12	1025.28	1025.21	1025.16	1025.08	1024.99	1024.92	1024.84	1024.77	1024.73	1024.69	1024.63	1024.57	1024.90
	13	1024.53	1024.48	1024.45	1024.43	1024.43	1024.39	1024.37	1024.35	1024.35	1024.36	1024.34	1024.33	1024.40
	14	1024.30	1024.28	1024.29	1024.27	1024.27	1024.26	1024.20	1024.18	1024.18	1024.14	1024.11	1024.10	1024.21
	15	1024.10	1024.07	1024.06	1024.07	1024.06	1024.07	1024.11	1024.15	1024.20	1024.25	1024.28	1024.30	1024.14
	16	1024.33	1024.37	1024.37	1024.39	1024.44	1024.47	1024.51	1024.54	1024.56	1024.58	1024.63	1024.70	1024.49
	17	1024.75	1024.79	1024.85	1024.90	1024.94	1024.97	1024.98	1025.02	1025.03	1025.03	1025.03	1025.02	1024.94
	18	1025.01	1024.99	1024.96	1024.97	1024.98	1025.03	1025.11	1025.12	1025.14	1025.13	1025.05	1025.03	1025.04
	19	1025.02	1024.96	1024.90	1024.90	1024.89	1024.91	1024.97	1024.99	1024.99	1024.99	1024.97	1024.93	1024.95
	20	1024.91	1024.91	1024.91	1024.93	1024.93	1024.86	1024.78	1024.75	1024.70	1024.65	1024.61	1024.60	1024.79
	21	1024.60	1024.58	1024.57	1024.57	1024.57	1024.58	1024.57	1024.53	1024.49	1024.45	1024.43	1024.41	1024.53
	22	1024.38	1024.34	1024.30	1024.25	1024.25	1024.26	1024.24	1024.21	1024.18	1024.16	1024.13	1024.11	1024.23
	23	1024.10	1024.07	1024.04	1024.01	1024.00	1024.00	1023.97	1023.91	1023.86	1023.84	1023.79	1023.73	1023.94
18	0	1023.65	1023.62	1023.60	1023.59	1023.57	1023.58	1023.61	1023.60	1023.57	1023.52	1023.47	1023.44	1023.56
	1	1023.40	1023.33	1023.20	1023.15	1023.14	1023.06	1023.02	1022.98	1022.92	1022.88	1022.81	1022.67	1023.04
	2	1022.46	1022.28	1022.12	1022.04	1022.04	1022.02	1021.93	1021.85	1021.80	1021.76	1021.74	1021.75	1021.98
	3	1021.79	1021.91	1021.98	1021.85	1021.73	1021.63	1021.52	1021.50	1021.56	1021.63	1021.70	1021.78	1021.71
	4	1021.71	1021.57	1021.46	1021.34	1021.21	1021.09	1021.07	1021.02	1021.01	1021.08	1021.10	1021.12	1021.23
	5	1021.10	1021.06	1021.10	1021.16	1021.17	1021.19	1021.16	1021.17	1021.18	1021.16	1021.16	1021.16	1021.15
	6	1021.16	1021.16	1021.17	1021.13	1021.10	1021.12	1021.07	1020.99	1020.92	1020.83	1020.83	1020.91	1021.03
	7	1020.98	1021.00	1021.01	1020.99	1020.95	1020.94	1020.90	1020.87	1020.84	1020.83	1020.78	1020.71	1020.90
	8	1020.71	1020.74	1020.72	1020.69	1020.70	1020.69	1020.72	1020.71	1020.66	1020.60	1020.54	1020.48	1020.66
	9	1020.39	1020.31	1020.29	1020.34	1020.36	1020.39	1020.43	1020.47	1020.44	1020.38	1020.32	1020.27	1020.36
	10	1020.27	1020.22	1020.12	1020.04	1019.97	1019.90	1019.89	1019.87	1019.87	1019.84	1019.76	1019.67	1019.95
	11	1019.57	1019.51	1019.45	1019.37	1019.35	1019.33	1019.34	1019.35	1019.32	1019.32	1019.33	1019.33	1019.38
	12	1019.28	1019.20	1019.21	1019.27	1019.28	1019.25	1019.23	1019.21	1019.14	1019.07	1019.02	1018.99	1019.18
	13	1018.99	1019.02	1019.08	1019.15	1019.21	1019.25	1019.19	1019.10	1019.05	1019.02	1019.06	1019.19	1019.11
	14	1019.29	1019.33	1019.35	1019.36	1019.32	1019.26	1019.24	1019.21	1019.20	1019.19	1019.19	1019.20	1019.26
	15	1019.19	1019.20	1019.19	1019.16	1019.14	1019.15	1019.18	1019.20	1019.24	1019.28	1019.29	1019.35	1019.21
	16	1019.40	1019.36	1019.34	1019.34	1019.38	1019.41	1019.43	1019.45	1019.43	1019.43	1019.44	1019.37	1019.40
	17	1019.31	1019.32	1019.35	1019.35	1019.31	1019.28	1019.32	1019.40	1019.43	1019.43	1019.45	1019.48	1019.37
	18	1019.51	1019.54	1019.60	1019.62	1019.62	1019.60	1019.53	1019.50	1019.51	1019.52	1019.52	1019.47	1019.54
	19	1019.43	1019.43	1019.45	1019.48	1019.50	1019.48	1019.45	1019.46	1019.50	1019.52	1019.48	1019.45	1019.47
	20	1019.40	1019.32	1019.29	1019.34	1019.42	1019.49	1019.51	1019.48	1019.44	1019.43	1019.46	1019.47	1019.42
	21	1019.45	1019.41	1019.40	1019.41	1019.42	1019.45	1019.50	1019.55	1019.58	1019.63	1019.67	1019.66	1019.51
	22	1019.62	1019.57	1019.57	1019.62	1019.67	1019.68	1019.66	1019.67	1019.70	1019.76	1019.82	1019.81	1019.68
	23	1019.77	1019.77	1019.82	1019.86	1019.85	1019.84	1019.85	1019.88	1019.96	1020.03	1020.04	1020.00	1019.89

S.V.I.R.CO. Observatory - Pressure in hectoPascal – January 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
19	0	1020.03	1020.05	1020.08	1020.05	1019.99	1019.99	1020.05	1020.10	1020.13	1020.12	1020.13	1020.16	1020.07
	1	1020.15	1020.09	1020.07	1020.11	1020.11	1020.09	1020.06	1020.04	1020.03	1020.01	1020.00	1020.02	1020.06
	2	1020.04	1020.05	1019.97	1019.88	1019.89	1019.91	1019.92	1019.91	1019.88	1019.86	1019.87	1019.87	1019.92
	3	1019.85	1019.86	1019.91	1019.96	1019.92	1019.90	1019.93	1019.93	1019.89	1019.85	1019.84	1019.79	1019.88
	4	1019.73	1019.72	1019.80	1019.85	1019.82	1019.80	1019.83	1019.80	1019.71	1019.72	1019.84	1019.88	1019.79
	5	1019.87	1019.88	1019.89	1019.85	1019.81	1019.82	1019.85	1019.89	1019.97	1020.05	1020.07	1020.08	1019.92
	6	1020.10	1020.14	1020.20	1020.25	1020.26	1020.31	1020.37	1020.34	1020.39	1020.51	1020.55	1020.61	1020.33
	7	1020.63	1020.58	1020.63	1020.72	1020.79	1020.84	1020.82	1020.85	1020.94	1020.96	1020.98	1020.99	1020.81
	8	1020.99	1020.98	1020.94	1020.83	1020.82	1020.93	1020.99	1021.07	1021.03	1021.04	1021.11	1021.13	1020.99
	9	1021.22	1021.21	1021.28	1021.36	1021.37	1021.42	1021.49	1021.56	1021.57	1021.54	1021.50	1021.48	1021.41
	10	1021.44	1021.39	1021.39	1021.34	1021.28	1021.26	1021.25	1021.26	1021.24	1021.26	1021.27	1021.23	1021.30
	11	1021.23	1021.23	1021.20	1021.18	1021.15	1021.12	1021.06	1020.93	1020.76	1020.67	1020.61	1020.53	1020.97
	12	1020.51	1020.50	1020.47	1020.49	1020.51	1020.52	1020.54	1020.56	1020.59	1020.57	1020.56	1020.57	1020.53
	13	1020.59	1020.64	1020.70	1020.75	1020.79	1020.84	1020.91	1020.97	1021.03	1021.07	1021.05	1021.03	1020.86
	14	1021.06	1021.10	1021.09	1021.06	1021.11	1021.21	1021.29	1021.34	1021.42	1021.53	1021.64	1021.74	1021.30
	15	1021.80	1021.84	1021.90	1021.94	1022.01	1022.08	1022.15	1022.21	1022.27	1022.38	1022.49	1022.58	1022.13
	16	1022.66	1022.77	1022.89	1022.99	1023.06	1023.14	1023.22	1023.28	1023.34	1023.39	1023.44	1023.47	1023.14
	17	1023.53	1023.63	1023.73	1023.79	1023.85	1023.91	1023.95	1024.03	1024.13	1024.21	1024.25	1024.25	1023.94
	18	1024.25	1024.26	1024.29	1024.34	1024.38	1024.39	1024.43	1024.43	1024.43	1024.45	1024.45	1024.43	1024.38
	19	1024.43	1024.48	1024.52	1024.55	1024.62	1024.72	1024.78	1024.77	1024.80	1024.88	1024.93	1024.98	1024.70
	20	1025.03	1025.10	1025.20	1025.27	1025.32	1025.35	1025.35	1025.32	1025.36	1025.40	1025.39	1025.38	1025.29
	21	1025.40	1025.42	1025.42	1025.46	1025.50	1025.53	1025.64	1025.76	1025.86	1025.92	1025.95	1025.97	1025.65
	22	1026.01	1026.08	1026.16	1026.22	1026.28	1026.36	1026.42	1026.49	1026.53	1026.54	1026.58	1026.61	1026.35
	23	1026.69	1026.81	1026.88	1026.93	1026.96	1027.03	1027.09	1027.07	1027.07	1027.12	1027.14	1027.12	1026.99
20	0	1027.12	1027.15	1027.17	1027.19	1027.23	1027.23	1027.26	1027.33	1027.41	1027.48	1027.52	1027.53	1027.31
	1	1027.54	1027.59	1027.69	1027.78	1027.84	1027.89	1027.94	1027.99	1028.04	1028.07	1028.10	1028.14	1027.88
	2	1028.18	1028.23	1028.28	1028.30	1028.28	1028.29	1028.29	1028.27	1028.24	1028.27	1028.33	1028.35	1028.27
	3	1028.38	1028.41	1028.42	1028.41	1028.44	1028.49	1028.54	1028.63	1028.70	1028.70	1028.69	1028.73	1028.54
	4	1028.76	1028.78	1028.77	1028.76	1028.76	1028.79	1028.88	1028.92	1028.97	1029.05	1029.11	1029.16	1028.89
	5	1029.20	1029.25	1029.30	1029.35	1029.39	1029.41	1029.46	1029.53	1029.58	1029.63	1029.67	1029.71	1029.45
	6	1029.78	1029.83	1029.88	1029.96	1030.06	1030.12	1030.16	1030.22	1030.29	1030.36	1030.42	1030.47	1030.13
	7	1030.53	1030.58	1030.60	1030.63	1030.64	1030.63	1030.70	1030.81	1030.85	1030.87	1030.91	1030.97	1030.73
	8	1031.00	1031.06	1031.11	1031.11	1031.15	1031.25	1031.29	1031.32	1031.34	1031.38	1031.46	1031.56	1031.25
	9	1031.65	1031.76	1031.87	1031.94	1031.99	1032.03	1032.03	1032.04	1032.11	1032.17	1032.14	1032.12	1031.99
	10	1032.22	1032.34	1032.32	1032.25	1032.31	1032.44	1032.42	1032.36	1032.40	1032.45	1032.42	1032.33	1032.35
	11	1032.28	1032.26	1032.25	1032.24	1032.25	1032.27	1032.27	1032.30	1032.40	1032.45	1032.46	1032.44	1032.32
	12	1032.40	1032.37	1032.36	1032.35	1032.33	1032.29	1032.26	1032.27	1032.27	1032.26	1032.25	1032.24	1032.30
	13	1032.27	1032.28	1032.27	1032.28	1032.32	1032.36	1032.40	1032.45	1032.46	1032.49	1032.49	1032.49	1032.38
	14	1032.52	1032.54	1032.56	1032.61	1032.70	1032.73	1032.70	1032.67	1032.68	1032.70	1032.69	1032.69	1032.65
	15	1032.68	1032.61	1032.52	1032.46	1032.53	1032.65	1032.70	1032.72	1032.81	1032.93	1033.00	1033.05	1032.72
	16	1033.07	1033.07	1033.11	1033.17	1033.22	1033.26	1033.28	1033.27	1033.29	1033.36	1033.40	1033.43	1033.24
	17	1033.48	1033.56	1033.67	1033.74	1033.75	1033.81	1033.91	1034.01	1034.11	1034.17	1034.21	1034.25	1033.89
	18	1034.24	1034.24	1034.32	1034.43	1034.51	1034.58	1034.63	1034.63	1034.64	1034.71	1034.81	1034.86	1034.55
	19	1034.85	1034.83	1034.85	1034.94	1035.00	1035.04	1035.10	1035.17	1035.24	1035.24	1035.26	1035.33	1035.07
	20	1035.38	1035.42	1035.48	1035.55	1035.61	1035.63	1035.64	1035.64	1035.63	1035.67	1035.74	1035.75	1035.59
	21	1035.75	1035.74	1035.71	1035.69	1035.71	1035.76	1035.78	1035.87	1035.98	1036.01	1036.00	1036.01	1035.83
	22	1036.04	1036.09	1036.13	1036.13	1036.18	1036.26	1036.28	1036.28	1036.29	1036.31	1036.33	1036.32	1036.22
	23	1036.30	1036.30	1036.31	1036.30	1036.30	1036.31	1036.29	1036.30	1036.32	1036.33	1036.35	1036.39	1036.31

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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	1036.45	1036.45	1036.39	1036.32	1036.30	1036.30	1036.35	1036.43	1036.45	1036.41	1036.39	1036.43	1036.38
	1	1036.44	1036.41	1036.43	1036.45	1036.45	1036.47	1036.53	1036.57	1036.56	1036.52	1036.49	1036.47	1036.48
	2	1036.47	1036.50	1036.47	1036.40	1036.37	1036.34	1036.33	1036.34	1036.32	1036.30	1036.29	1036.28	1036.36
	3	1036.29	1036.28	1036.28	1036.28	1036.28	1036.28	1036.29	1036.28	1036.19	1036.13	1036.14	1036.15	1036.24
	4	1036.10	1036.09	1036.11	1036.13	1036.15	1036.15	1036.17	1036.21	1036.25	1036.27	1036.32	1036.34	1036.19
	5	1036.33	1036.31	1036.31	1036.33	1036.31	1036.31	1036.31	1036.32	1036.33	1036.32	1036.33	1036.35	1036.32
	6	1036.38	1036.40	1036.39	1036.41	1036.45	1036.48	1036.55	1036.62	1036.68	1036.70	1036.68	1036.68	1036.53
	7	1036.73	1036.81	1036.89	1036.92	1036.94	1036.97	1036.97	1036.92	1036.92	1036.99	1037.01	1037.02	1036.92
	8	1037.06	1037.09	1037.12	1037.13	1037.13	1037.14	1037.17	1037.18	1037.17	1037.16	1037.15	1037.13	1037.13
	9	1037.10	1037.11	1037.16	1037.23	1037.27	1037.28	1037.28	1037.29	1037.29	1037.29	1037.29	1037.26	1037.23
	10	1037.29	1037.32	1037.33	1037.33	1037.32	1037.29	1037.22	1037.12	1037.07	1037.03	1036.97	1036.91	1037.18
	11	1036.83	1036.73	1036.59	1036.46	1036.32	1036.24	1036.21	1036.12	1036.00	1035.90	1035.82	1035.80	1036.25
	12	1035.75	1035.66	1035.60	1035.55	1035.55	1035.52	1035.43	1035.35	1035.28	1035.22	1035.15	1035.02	1035.42
	13	1034.94	1034.88	1034.82	1034.84	1034.89	1034.90	1034.88	1034.86	1034.82	1034.80	1034.80	1034.77	1034.85
	14	1034.74	1034.74	1034.73	1034.70	1034.65	1034.62	1034.62	1034.61	1034.59	1034.63	1034.66	1034.63	1034.66
	15	1034.62	1034.56	1034.49	1034.48	1034.48	1034.43	1034.40	1034.37	1034.34	1034.28	1034.20	1034.15	1034.40
	16	1034.15	1034.18	1034.17	1034.19	1034.24	1034.26	1034.23	1034.22	1034.24	1034.26	1034.27	1034.27	1034.22
	17	1034.29	1034.32	1034.37	1034.40	1034.39	1034.38	1034.38	1034.42	1034.46	1034.47	1034.48	1034.48	1034.40
	18	1034.53	1034.60	1034.65	1034.65	1034.63	1034.65	1034.67	1034.68	1034.67	1034.66	1034.64	1034.62	1034.64
	19	1034.63	1034.65	1034.65	1034.62	1034.60	1034.62	1034.65	1034.65	1034.66	1034.65	1034.65	1034.67	1034.64
	20	1034.70	1034.71	1034.68	1034.68	1034.70	1034.69	1034.70	1034.73	1034.70	1034.66	1034.64	1034.63	1034.68
	21	1034.63	1034.61	1034.64	1034.69	1034.71	1034.71	1034.74	1034.75	1034.74	1034.75	1034.75	1034.77	1034.71
	22	1034.82	1034.83	1034.83	1034.86	1034.84	1034.83	1034.85	1034.82	1034.78	1034.76	1034.75	1034.75	1034.81
	23	1034.74	1034.74	1034.74	1034.67	1034.63	1034.64	1034.63	1034.59	1034.56	1034.51	1034.45	1034.42	1034.61
22	0	1034.40	1034.40	1034.40	1034.40	1034.40	1034.37	1034.35	1034.34	1034.32	1034.35	1034.43	1034.46	1034.38
	1	1034.47	1034.50	1034.51	1034.52	1034.56	1034.57	1034.53	1034.51	1034.49	1034.46	1034.43	1034.42	1034.50
	2	1034.45	1034.45	1034.43	1034.40	1034.38	1034.36	1034.36	1034.36	1034.38	1034.38	1034.34	1034.30	1034.38
	3	1034.27	1034.23	1034.20	1034.22	1034.26	1034.27	1034.26	1034.26	1034.24	1034.24	1034.27	1034.26	1034.25
	4	1034.23	1034.18	1034.12	1034.08	1034.06	1034.03	1033.96	1033.95	1033.97	1033.96	1033.94	1033.92	1034.03
	5	1033.92	1033.92	1033.94	1033.96	1033.94	1033.93	1033.93	1033.94	1033.93	1033.93	1033.93	1033.95	1033.93
	6	1033.99	1034.00	1034.00	1033.95	1033.89	1033.89	1033.93	1033.95	1033.96	1033.98	1034.01	1034.06	1033.97
	7	1034.11	1034.10	1034.05	1034.05	1034.07	1034.06	1034.05	1034.04	1034.00	1033.94	1033.88	1033.86	1034.02
	8	1033.88	1033.92	1033.95	1033.97	1033.98	1034.01	1034.05	1034.06	1034.04	1034.02	1034.01	1034.05	1033.99
	9	1034.06	1034.04	1034.04	1034.04	1034.02	1034.04	1034.05	1034.03	1033.99	1033.97	1033.96	1033.93	1034.01
	10	1033.88	1033.83	1033.80	1033.77	1033.74	1033.69	1033.61	1033.52	1033.42	1033.29	1033.19	1033.16	1033.57
	11	1033.12	1033.04	1032.93	1032.81	1032.73	1032.65	1032.56	1032.47	1032.39	1032.28	1032.17	1032.08	1032.60
	12	1031.98	1031.88	1031.80	1031.72	1031.60	1031.48	1031.39	1031.30	1031.23	1031.17	1031.11	1031.04	1031.47
	13	1031.00	1030.95	1030.87	1030.81	1030.73	1030.65	1030.61	1030.56	1030.51	1030.48	1030.48	1030.43	1030.67
	14	1030.36	1030.31	1030.29	1030.29	1030.26	1030.19	1030.10	1030.06	1030.05	1030.02	1029.97	1029.89	1030.15
	15	1029.80	1029.74	1029.71	1029.66	1029.62	1029.59	1029.56	1029.53	1029.51	1029.50	1029.49	1029.47	1029.60
	16	1029.45	1029.43	1029.40	1029.39	1029.38	1029.39	1029.41	1029.41	1029.39	1029.38	1029.40	1029.42	1029.40
	17	1029.41	1029.39	1029.38	1029.35	1029.36	1029.39	1029.41	1029.44	1029.47	1029.48	1029.48	1029.52	1029.42
	18	1029.55	1029.53	1029.51	1029.49	1029.48	1029.49	1029.50	1029.51	1029.50	1029.48	1029.45	1029.41	1029.49
	19	1029.34	1029.27	1029.21	1029.18	1029.19	1029.19	1029.16	1029.14	1029.15	1029.12	1029.12	1029.14	1029.18
	20	1029.14	1029.15	1029.13	1029.11	1029.09	1029.07	1029.08	1029.07	1029.11	1029.18	1029.23	1029.27	1029.13
	21	1029.29	1029.30	1029.32	1029.36	1029.38	1029.39	1029.42	1029.42	1029.42	1029.43	1029.42	1029.41	1029.38
	22	1029.40	1029.39	1029.42	1029.46	1029.53	1029.58	1029.60	1029.60	1029.56	1029.54	1029.52	1029.52	1029.51
	23	1029.53	1029.52	1029.50	1029.47	1029.47	1029.48	1029.50	1029.53	1029.55	1029.53	1029.50	1029.48	1029.50

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
23	0	1029.46	1029.43	1029.37	1029.34	1029.34	1029.32	1029.28	1029.23	1029.14	1029.07	1029.05	1029.03	1029.24
	1	1028.97	1028.91	1028.84	1028.80	1028.80	1028.75	1028.64	1028.50	1028.42	1028.39	1028.35	1028.28	1028.64
	2	1028.24	1028.22	1028.14	1028.08	1028.10	1028.12	1028.15	1028.18	1028.15	1028.09	1028.05	1028.07	1028.13
	3	1028.10	1028.12	1028.10	1028.07	1028.09	1028.11	1028.11	1028.07	1028.05	1028.02	1028.01	1028.00	1028.07
	4	1027.99	1028.01	1027.99	1027.94	1027.95	1027.98	1027.99	1028.00	1028.02	1028.03	1028.05	1028.07	1028.00
	5	1028.09	1028.13	1028.16	1028.19	1028.21	1028.20	1028.22	1028.25	1028.31	1028.38	1028.43	1028.49	1028.25
	6	1028.56	1028.61	1028.64	1028.69	1028.73	1028.74	1028.80	1028.86	1028.90	1028.94	1028.94	1028.96	1028.78
	7	1029.00	1029.04	1029.08	1029.12	1029.17	1029.18	1029.21	1029.28	1029.32	1029.35	1029.37	1029.39	1029.21
	8	1029.41	1029.41	1029.42	1029.44	1029.45	1029.47	1029.50	1029.52	1029.51	1029.46	1029.42	1029.39	1029.45
	9	1029.36	1029.33	1029.30	1029.27	1029.25	1029.24	1029.24	1029.25	1029.27	1029.26	1029.21	1029.18	1029.26
	10	1029.13	1029.06	1028.98	1028.92	1028.88	1028.84	1028.81	1028.79	1028.75	1028.71	1028.67	1028.62	1028.85
	11	1028.56	1028.47	1028.39	1028.30	1028.21	1028.15	1028.09	1028.03	1027.97	1027.88	1027.79	1027.72	1028.13
	12	1027.62	1027.51	1027.41	1027.32	1027.24	1027.16	1027.07	1026.98	1026.93	1026.87	1026.82	1026.77	1027.14
	13	1026.71	1026.64	1026.58	1026.54	1026.50	1026.48	1026.46	1026.44	1026.45	1026.42	1026.37	1026.33	1026.49
	14	1026.32	1026.29	1026.26	1026.24	1026.22	1026.25	1026.28	1026.26	1026.23	1026.19	1026.16	1026.15	1026.24
	15	1026.12	1026.07	1026.03	1026.00	1025.95	1025.91	1025.89	1025.87	1025.87	1025.90	1025.93	1025.95	1025.95
	16	1025.97	1026.02	1026.06	1026.07	1026.09	1026.13	1026.15	1026.17	1026.21	1026.27	1026.32	1026.36	1026.15
	17	1026.39	1026.42	1026.43	1026.44	1026.46	1026.46	1026.48	1026.52	1026.55	1026.59	1026.61	1026.62	1026.49
	18	1026.64	1026.65	1026.67	1026.67	1026.67	1026.67	1026.66	1026.65	1026.66	1026.67	1026.68	1026.68	1026.66
	19	1026.69	1026.69	1026.68	1026.69	1026.69	1026.69	1026.68	1026.65	1026.60	1026.57	1026.60	1026.63	1026.65
	20	1026.63	1026.64	1026.66	1026.65	1026.61	1026.58	1026.55	1026.54	1026.55	1026.56	1026.55	1026.53	1026.58
	21	1026.49	1026.48	1026.54	1026.56	1026.55	1026.52	1026.50	1026.51	1026.53	1026.59	1026.66	1026.68	1026.55
	22	1026.71	1026.74	1026.77	1026.81	1026.84	1026.87	1026.91	1026.95	1026.97	1026.99	1027.03	1027.03	1026.88
	23	1026.98	1026.95	1026.93	1026.89	1026.84	1026.80	1026.79	1026.78	1026.75	1026.74	1026.76	1026.76	1026.83
24	0	1026.76	1026.76	1026.73	1026.69	1026.67	1026.69	1026.69	1026.68	1026.67	1026.64	1026.63	1026.60	1026.68
	1	1026.55	1026.51	1026.47	1026.46	1026.47	1026.46	1026.43	1026.43	1026.41	1026.42	1026.43	1026.38	1026.45
	2	1026.30	1026.23	1026.19	1026.16	1026.15	1026.14	1026.10	1026.05	1025.98	1025.90	1025.83	1025.81	1026.07
	3	1025.79	1025.77	1025.78	1025.76	1025.77	1025.78	1025.77	1025.76	1025.80	1025.89	1025.91	1025.90	1025.80
	4	1025.89	1025.87	1025.87	1025.86	1025.85	1025.88	1025.92	1025.92	1025.92	1025.92	1025.92	1025.90	1025.89
	5	1025.87	1025.87	1025.85	1025.86	1025.89	1025.92	1025.93	1025.93	1025.95	1025.97	1026.00	1026.04	1025.92
	6	1026.05	1026.06	1026.12	1026.15	1026.17	1026.19	1026.25	1026.33	1026.41	1026.51	1026.60	1026.67	1026.29
	7	1026.70	1026.72	1026.74	1026.74	1026.73	1026.72	1026.69	1026.65	1026.66	1026.70	1026.70	1026.72	1026.70
	8	1026.76	1026.78	1026.80	1026.80	1026.80	1026.80	1026.83	1026.85	1026.84	1026.86	1026.86	1026.86	1026.82
	9	1026.85	1026.86	1026.91	1026.94	1026.92	1026.85	1026.80	1026.75	1026.74	1026.78	1026.78	1026.76	1026.83
	10	1026.76	1026.79	1026.76	1026.70	1026.66	1026.64	1026.61	1026.56	1026.48	1026.41	1026.35	1026.28	1026.58
	11	1026.23	1026.16	1026.04	1025.92	1025.84	1025.79	1025.74	1025.70	1025.66	1025.62	1025.60	1025.59	1025.82
	12	1025.53	1025.44	1025.34	1025.24	1025.17	1025.11	1025.05	1025.00	1024.94	1024.90	1024.88	1024.88	1025.12
	13	1024.88	1024.85	1024.77	1024.68	1024.63	1024.61	1024.61	1024.59	1024.56	1024.53	1024.48	1024.44	1024.63
	14	1024.44	1024.43	1024.44	1024.44	1024.42	1024.45	1024.46	1024.45	1024.48	1024.53	1024.55	1024.53	1024.46
	15	1024.46	1024.42	1024.41	1024.41	1024.42	1024.38	1024.30	1024.25	1024.22	1024.19	1024.20	1024.23	1024.32
	16	1024.21	1024.18	1024.18	1024.19	1024.16	1024.14	1024.15	1024.14	1024.11	1024.10	1024.13	1024.12	1024.15
	17	1024.10	1024.04	1023.95	1023.85	1023.79	1023.82	1023.81	1023.83	1023.90	1023.96	1024.00	1024.03	1023.92
	18	1024.01	1024.01	1023.99	1024.01	1024.17	1024.27	1024.30	1024.31	1024.35	1024.35	1024.32	1024.30	1024.20
	19	1024.24	1024.10	1023.96	1023.87	1023.87	1023.88	1023.82	1023.73	1023.68	1023.64	1023.53	1023.40	1023.81
	20	1023.33	1023.32	1023.42	1023.49	1023.46	1023.45	1023.48	1023.55	1023.62	1023.62	1023.61	1023.64	1023.50
	21	1023.65	1023.64	1023.60	1023.55	1023.47	1023.41	1023.37	1023.32	1023.31	1023.30	1023.28	1023.34	1023.43
	22	1023.41	1023.38	1023.35	1023.34	1023.33	1023.35	1023.34	1023.29	1023.27	1023.26	1023.24	1023.22	1023.31
	23	1023.19	1023.19	1023.19	1023.21	1023.20	1023.13	1023.05	1023.00	1022.96	1022.92	1022.82	1022.73	1023.05

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
25	0	1022.67	1022.67	1022.64	1022.58	1022.55	1022.59	1022.59	1022.54	1022.51	1022.48	1022.43	1022.39	1022.55
	1	1022.40	1022.38	1022.37	1022.38	1022.36	1022.29	1022.27	1022.28	1022.24	1022.15	1022.07	1022.03	1022.27
	2	1021.99	1021.94	1021.89	1021.81	1021.76	1021.78	1021.79	1021.80	1021.84	1021.83	1021.76	1021.66	1021.82
	3	1021.54	1021.50	1021.52	1021.49	1021.45	1021.44	1021.43	1021.42	1021.42	1021.41	1021.38	1021.33	1021.44
	4	1021.35	1021.41	1021.41	1021.42	1021.42	1021.41	1021.38	1021.35	1021.38	1021.38	1021.37	1021.36	1021.39
	5	1021.33	1021.32	1021.37	1021.46	1021.50	1021.49	1021.49	1021.52	1021.57	1021.59	1021.62	1021.67	1021.49
	6	1021.68	1021.70	1021.73	1021.74	1021.78	1021.82	1021.85	1021.87	1021.90	1021.93	1021.92	1021.93	1021.82
	7	1021.94	1021.90	1021.86	1021.88	1021.97	1022.03	1022.06	1022.10	1022.13	1022.16	1022.17	1022.20	1022.03
	8	1022.21	1022.23	1022.26	1022.27	1022.30	1022.30	1022.27	1022.27	1022.28	1022.30	1022.34	1022.39	1022.28
	9	1022.44	1022.48	1022.52	1022.55	1022.56	1022.60	1022.65	1022.69	1022.69	1022.65	1022.62	1022.62	1022.59
	10	1022.61	1022.63	1022.66	1022.64	1022.62	1022.62	1022.58	1022.53	1022.50	1022.48	1022.43	1022.41	1022.56
	11	1022.41	1022.35	1022.29	1022.25	1022.20	1022.18	1022.16	1022.10	1022.03	1021.96	1021.89	1021.86	1022.14
	12	1021.84	1021.78	1021.71	1021.66	1021.64	1021.59	1021.52	1021.48	1021.45	1021.40	1021.34	1021.30	1021.55
	13	1021.27	1021.25	1021.24	1021.21	1021.18	1021.17	1021.15	1021.13	1021.13	1021.12	1021.08	1021.05	1021.16
	14	1021.02	1021.02	1021.03	1021.05	1021.03	1021.02	1021.03	1021.05	1021.07	1021.06	1021.03	1021.02	1021.03
	15	1021.03	1021.03	1021.03	1021.03	1021.00	1020.95	1020.93	1020.92	1020.90	1020.89	1020.90	1020.91	1020.96
	16	1020.93	1020.93	1020.92	1020.92	1020.92	1020.92	1020.91	1020.92	1020.98	1021.03	1021.05	1021.06	1020.96
	17	1021.06	1021.08	1021.11	1021.14	1021.16	1021.19	1021.24	1021.28	1021.29	1021.28	1021.28	1021.28	1021.20
	18	1021.25	1021.25	1021.28	1021.31	1021.37	1021.39	1021.38	1021.41	1021.44	1021.48	1021.48	1021.46	1021.37
	19	1021.46	1021.46	1021.44	1021.44	1021.45	1021.45	1021.47	1021.52	1021.58	1021.63	1021.65	1021.65	1021.51
	20	1021.63	1021.59	1021.56	1021.57	1021.60	1021.60	1021.58	1021.56	1021.57	1021.57	1021.56	1021.55	1021.58
	21	1021.53	1021.52	1021.49	1021.43	1021.42	1021.43	1021.43	1021.42	1021.43	1021.45	1021.45	1021.43	1021.45
	22	1021.41	1021.40	1021.41	1021.40	1021.40	1021.39	1021.35	1021.35	1021.34	1021.32	1021.29	1021.27	1021.36
	23	1021.27	1021.25	1021.23	1021.21	1021.17	1021.11	1021.06	1021.02	1020.97	1020.92	1020.89	1020.85	1021.08
26	0	1020.76	1020.74	1020.70	1020.64	1020.58	1020.53	1020.48	1020.45	1020.42	1020.37	1020.33	1020.34	1020.52
	1	1020.35	1020.35	1020.34	1020.33	1020.33	1020.32	1020.31	1020.29	1020.24	1020.18	1020.13	1020.06	1020.27
	2	1019.99	1019.89	1019.78	1019.68	1019.63	1019.61	1019.56	1019.52	1019.49	1019.43	1019.39	1019.37	1019.61
	3	1019.30	1019.23	1019.22	1019.21	1019.21	1019.20	1019.22	1019.24	1019.21	1019.19	1019.19	1019.20	1019.22
	4	1019.18	1019.17	1019.18	1019.17	1019.16	1019.13	1019.07	1019.06	1019.06	1019.05	1019.04	1019.06	1019.11
	5	1019.07	1019.08	1019.14	1019.19	1019.22	1019.24	1019.28	1019.30	1019.32	1019.36	1019.36	1019.35	1019.24
	6	1019.36	1019.35	1019.37	1019.42	1019.45	1019.46	1019.43	1019.41	1019.46	1019.50	1019.54	1019.57	1019.44
	7	1019.60	1019.60	1019.60	1019.67	1019.73	1019.72	1019.69	1019.70	1019.68	1019.64	1019.62	1019.58	1019.65
	8	1019.54	1019.57	1019.60	1019.56	1019.54	1019.59	1019.63	1019.64	1019.63	1019.65	1019.69	1019.73	1019.61
	9	1019.77	1019.81	1019.81	1019.82	1019.87	1019.90	1019.92	1019.96	1019.97	1019.96	1019.93	1019.88	1019.88
	10	1019.84	1019.79	1019.73	1019.67	1019.62	1019.59	1019.57	1019.52	1019.45	1019.39	1019.33	1019.26	1019.56
	11	1019.19	1019.13	1019.08	1019.02	1018.97	1018.91	1018.83	1018.76	1018.69	1018.63	1018.57	1018.52	1018.86
	12	1018.48	1018.43	1018.37	1018.31	1018.25	1018.17	1018.08	1018.01	1017.94	1017.87	1017.80	1017.74	1018.12
	13	1017.71	1017.68	1017.63	1017.59	1017.58	1017.57	1017.55	1017.54	1017.54	1017.52	1017.50	1017.51	1017.57
	14	1017.51	1017.49	1017.47	1017.45	1017.45	1017.47	1017.47	1017.46	1017.45	1017.46	1017.46	1017.45	1017.46
	15	1017.44	1017.45	1017.47	1017.47	1017.44	1017.46	1017.51	1017.56	1017.60	1017.62	1017.62	1017.63	1017.52
	16	1017.67	1017.71	1017.72	1017.73	1017.73	1017.75	1017.79	1017.83	1017.87	1017.89	1017.92	1017.93	1017.79
	17	1017.93	1017.94	1017.96	1017.99	1018.00	1018.01	1018.06	1018.11	1018.12	1018.16	1018.22	1018.26	1018.06
	18	1018.28	1018.30	1018.31	1018.31	1018.33	1018.36	1018.39	1018.43	1018.47	1018.48	1018.46	1018.47	1018.38
	19	1018.49	1018.50	1018.51	1018.55	1018.59	1018.59	1018.60	1018.66	1018.70	1018.72	1018.73	1018.77	1018.61
	20	1018.79	1018.78	1018.76	1018.75	1018.77	1018.78	1018.80	1018.81	1018.82	1018.85	1018.88	1018.92	1018.81
	21	1018.96	1019.00	1019.02	1019.07	1019.11	1019.15	1019.20	1019.21	1019.23	1019.28	1019.32	1019.34	1019.16
	22	1019.34	1019.36	1019.39	1019.40	1019.43	1019.48	1019.52	1019.54	1019.56	1019.57	1019.58	1019.60	1019.48
	23	1019.61	1019.57	1019.52	1019.50	1019.51	1019.54	1019.53	1019.47	1019.43	1019.42	1019.44	1019.46	1019.50

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
27	0	1019.43	1019.41	1019.37	1019.35	1019.35	1019.41	1019.45	1019.45	1019.41	1019.39	1019.38	1019.37	1019.39
	1	1019.40	1019.42	1019.43	1019.43	1019.44	1019.50	1019.55	1019.54	1019.51	1019.52	1019.56	1019.58	1019.49
	2	1019.57	1019.56	1019.52	1019.46	1019.39	1019.38	1019.38	1019.35	1019.35	1019.37	1019.40	1019.45	1019.43
	3	1019.45	1019.44	1019.44	1019.45	1019.46	1019.46	1019.48	1019.55	1019.61	1019.61	1019.60	1019.61	1019.51
	4	1019.59	1019.55	1019.51	1019.48	1019.51	1019.55	1019.56	1019.55	1019.56	1019.58	1019.59	1019.57	1019.55
	5	1019.54	1019.53	1019.57	1019.62	1019.66	1019.70	1019.77	1019.81	1019.81	1019.83	1019.88	1019.91	1019.72
	6	1019.99	1020.09	1020.15	1020.19	1020.21	1020.23	1020.26	1020.35	1020.38	1020.38	1020.44	1020.48	1020.26
	7	1020.50	1020.54	1020.59	1020.64	1020.71	1020.78	1020.82	1020.87	1020.88	1020.88	1020.90	1020.91	1020.75
	8	1020.90	1020.88	1020.85	1020.88	1020.92	1020.98	1021.06	1021.11	1021.13	1021.15	1021.15	1021.12	1021.01
	9	1021.13	1021.15	1021.13	1021.11	1021.10	1021.07	1021.09	1021.13	1021.15	1021.14	1021.11	1021.08	1021.11
	10	1021.03	1020.99	1020.97	1020.93	1020.86	1020.83	1020.84	1020.82	1020.76	1020.71	1020.66	1020.62	1020.83
	11	1020.59	1020.56	1020.50	1020.44	1020.39	1020.35	1020.31	1020.18	1020.02	1019.93	1019.85	1019.80	1020.24
	12	1019.78	1019.67	1019.61	1019.66	1019.65	1019.58	1019.47	1019.33	1019.23	1019.22	1019.26	1019.26	1019.47
	13	1019.25	1019.28	1019.30	1019.23	1019.13	1019.12	1019.16	1019.17	1019.21	1019.25	1019.28	1019.32	1019.22
	14	1019.36	1019.38	1019.40	1019.40	1019.36	1019.31	1019.31	1019.38	1019.47	1019.47	1019.43	1019.41	1019.39
	15	1019.40	1019.43	1019.46	1019.43	1019.33	1019.25	1019.19	1019.14	1019.13	1019.12	1019.11	1019.09	1019.25
	16	1019.07	1019.07	1019.07	1019.07	1019.08	1019.06	1019.08	1019.13	1019.10	1019.09	1019.13	1019.17	1019.09
	17	1019.19	1019.19	1019.21	1019.27	1019.28	1019.27	1019.31	1019.36	1019.33	1019.27	1019.26	1019.26	1019.26
	18	1019.29	1019.32	1019.31	1019.33	1019.31	1019.29	1019.29	1019.30	1019.32	1019.35	1019.39	1019.42	1019.32
	19	1019.43	1019.49	1019.51	1019.49	1019.44	1019.39	1019.39	1019.39	1019.38	1019.38	1019.36	1019.34	1019.41
	20	1019.34	1019.30	1019.30	1019.33	1019.33	1019.34	1019.35	1019.37	1019.34	1019.29	1019.24	1019.20	1019.31
	21	1019.19	1019.19	1019.15	1019.15	1019.15	1019.11	1019.14	1019.17	1019.15	1019.15	1019.14	1019.11	1019.15
	22	1019.06	1019.00	1018.95	1018.95	1018.90	1018.80	1018.78	1018.77	1018.77	1018.78	1018.74	1018.70	1018.85
	23	1018.69	1018.67	1018.66	1018.64	1018.60	1018.59	1018.56	1018.50	1018.44	1018.44	1018.41	1018.23	1018.53
28	0	1018.04	1018.06	1018.05	1017.98	1017.94	1017.94	1017.94	1017.97	1018.00	1018.06	1018.17	1018.21	1018.03
	1	1018.12	1018.06	1018.01	1017.98	1018.02	1017.99	1017.91	1017.88	1017.85	1017.79	1017.71	1017.67	1017.91
	2	1017.58	1017.46	1017.39	1017.38	1017.38	1017.32	1017.31	1017.32	1017.28	1017.17	1017.02	1017.02	1017.30
	3	1017.06	1017.05	1017.10	1017.16	1017.14	1017.02	1016.92	1016.85	1016.79	1016.68	1016.42	1016.21	1016.86
	4	1016.21	1016.34	1016.50	1016.57	1016.67	1016.77	1016.84	1016.87	1016.90	1016.90	1016.84	1016.79	1016.68
	5	1016.77	1016.77	1016.76	1016.75	1016.76	1016.74	1016.62	1016.56	1016.57	1016.58	1016.61	1016.64	1016.68
	6	1016.66	1016.69	1016.71	1016.62	1016.53	1016.48	1016.42	1016.38	1016.37	1016.42	1016.45	1016.52	1016.52
	7	1016.59	1016.56	1016.51	1016.51	1016.50	1016.44	1016.39	1016.36	1016.33	1016.31	1016.28	1016.27	1016.42
	8	1016.31	1016.37	1016.43	1016.46	1016.43	1016.40	1016.41	1016.34	1016.25	1016.23	1016.23	1016.20	1016.34
	9	1016.16	1016.15	1016.13	1016.11	1016.16	1016.23	1016.23	1016.18	1016.13	1016.15	1016.18	1016.23	1016.17
	10	1016.25	1016.17	1016.11	1016.10	1016.10	1016.03	1015.94	1015.86	1015.79	1015.73	1015.69	1015.69	1015.95
	11	1015.62	1015.51	1015.40	1015.32	1015.31	1015.29	1015.27	1015.18	1015.06	1015.01	1014.95	1014.92	1015.24
	12	1014.89	1014.82	1014.71	1014.63	1014.58	1014.48	1014.41	1014.37	1014.32	1014.30	1014.27	1014.20	1014.50
	13	1014.09	1014.00	1013.93	1013.89	1013.89	1013.86	1013.91	1013.93	1013.85	1013.73	1013.61	1013.54	1013.85
	14	1013.51	1013.48	1013.42	1013.33	1013.25	1013.21	1013.19	1013.21	1013.32	1013.40	1013.38	1013.34	1013.33
	15	1013.33	1013.30	1013.24	1013.19	1013.08	1012.98	1012.89	1012.81	1012.75	1012.69	1012.66	1012.67	1012.96
	16	1012.70	1012.63	1012.55	1012.59	1012.65	1012.70	1012.75	1012.73	1012.68	1012.68	1012.71	1012.73	1012.67
	17	1012.75	1012.76	1012.73	1012.72	1012.71	1012.66	1012.73	1012.84	1012.87	1012.87	1012.80	1012.77	1012.77
	18	1012.79	1012.78	1012.75	1012.71	1012.68	1012.67	1012.71	1012.75	1012.78	1012.72	1012.61	1012.53	1012.70
	19	1012.39	1012.33	1012.35	1012.38	1012.29	1012.16	1012.14	1012.14	1012.16	1012.14	1012.08	1012.11	1012.22
	20	1012.14	1012.09	1012.01	1011.91	1011.86	1011.87	1011.84	1011.82	1011.88	1011.96	1012.02	1012.01	1011.95
	21	1012.01	1011.98	1011.93	1011.90	1011.82	1011.73	1011.75	1011.84	1011.92	1011.96	1011.99	1011.99	1011.90
	22	1011.88	1011.84	1011.94	1012.04	1012.18	1012.26	1012.18	1012.12	1012.14	1012.13	1012.04	1012.01	1012.06
	23	1012.01	1012.00	1011.96	1011.89	1011.76	1011.64	1011.58	1011.56	1011.63	1011.69	1011.67	1011.63	1011.75

S.V.I.R.CO. Observatory - Pressure in hectoPascal – January 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
29	0	1011.69	1011.72	1011.74	1011.75	1011.75	1011.73	1011.71	1011.68	1011.65	1011.62	1011.59	1011.61	1011.69
	1	1011.69	1011.70	1011.71	1011.73	1011.72	1011.74	1011.78	1011.77	1011.74	1011.75	1011.77	1011.74	1011.73
	2	1011.75	1011.82	1011.83	1011.79	1011.71	1011.65	1011.64	1011.68	1011.80	1011.87	1011.89	1011.93	1011.78
	3	1011.93	1011.91	1011.95	1011.98	1012.03	1012.11	1012.16	1012.20	1012.23	1012.22	1012.19	1012.20	1012.09
	4	1012.25	1012.30	1012.35	1012.38	1012.42	1012.48	1012.49	1012.43	1012.40	1012.41	1012.38	1012.37	1012.39
	5	1012.45	1012.51	1012.46	1012.41	1012.41	1012.42	1012.51	1012.58	1012.56	1012.56	1012.56	1012.49	1012.49
	6	1012.42	1012.38	1012.41	1012.50	1012.58	1012.63	1012.62	1012.59	1012.65	1012.71	1012.76	1012.80	1012.59
	7	1012.82	1012.86	1012.94	1012.98	1012.97	1012.98	1013.02	1013.09	1013.18	1013.24	1013.27	1013.31	1013.05
	8	1013.31	1013.28	1013.23	1013.20	1013.13	1013.10	1013.15	1013.14	1013.06	1012.98	1013.02	1013.04	1013.13
	9	1012.94	1012.90	1012.91	1012.92	1012.97	1013.04	1013.04	1013.05	1013.10	1013.15	1013.18	1013.14	1013.03
	10	1013.10	1013.14	1013.19	1013.16	1013.12	1013.08	1013.00	1012.93	1012.90	1012.86	1012.77	1012.67	1012.99
	11	1012.62	1012.59	1012.52	1012.48	1012.48	1012.43	1012.34	1012.26	1012.20	1012.19	1012.23	1012.21	1012.38
	12	1012.14	1012.11	1012.05	1011.97	1011.90	1011.82	1011.75	1011.65	1011.62	1011.65	1011.66	1011.69	1011.83
	13	1011.73	1011.73	1011.69	1011.68	1011.69	1011.65	1011.54	1011.51	1011.57	1011.61	1011.63	1011.65	1011.64
	14	1011.71	1011.73	1011.68	1011.64	1011.66	1011.64	1011.55	1011.54	1011.64	1011.72	1011.70	1011.63	1011.65
	15	1011.59	1011.57	1011.61	1011.75	1011.93	1011.97	1011.94	1011.95	1011.98	1012.02	1012.09	1012.18	1011.88
	16	1012.24	1012.29	1012.38	1012.49	1012.57	1012.62	1012.67	1012.76	1012.91	1013.06	1013.18	1013.21	1012.70
	17	1013.23	1013.33	1013.42	1013.46	1013.49	1013.49	1013.54	1013.66	1013.78	1013.89	1013.99	1014.05	1013.61
	18	1014.08	1014.07	1014.12	1014.20	1014.28	1014.36	1014.42	1014.47	1014.54	1014.60	1014.61	1014.65	1014.36
	19	1014.76	1014.90	1015.02	1015.05	1015.09	1015.18	1015.21	1015.20	1015.25	1015.39	1015.58	1015.72	1015.19
	20	1015.81	1015.84	1015.84	1015.84	1015.88	1015.94	1015.99	1016.09	1016.21	1016.30	1016.39	1016.45	1016.05
	21	1016.43	1016.36	1016.31	1016.32	1016.34	1016.34	1016.31	1016.32	1016.37	1016.44	1016.52	1016.58	1016.38
	22	1016.71	1016.76	1016.76	1016.85	1016.91	1016.96	1017.02	1017.04	1017.04	1017.05	1017.08	1017.15	1016.94
	23	1017.21	1017.29	1017.35	1017.33	1017.32	1017.38	1017.41	1017.41	1017.43	1017.44	1017.46	1017.50	1017.38
30	0	1017.53	1017.58	1017.64	1017.66	1017.67	1017.72	1017.76	1017.75	1017.73	1017.67	1017.63	1017.67	1017.67
	1	1017.76	1017.89	1018.00	1018.04	1018.03	1018.04	1018.03	1017.97	1017.94	1017.90	1017.84	1017.89	1017.94
	2	1017.99	1018.08	1018.15	1018.14	1018.12	1018.09	1018.05	1018.08	1018.13	1018.16	1018.17	1018.15	1018.11
	3	1018.13	1018.17	1018.24	1018.24	1018.22	1018.23	1018.28	1018.33	1018.34	1018.36	1018.35	1018.35	1018.27
	4	1018.43	1018.49	1018.49	1018.50	1018.49	1018.44	1018.44	1018.51	1018.57	1018.61	1018.63	1018.64	1018.52
	5	1018.67	1018.66	1018.61	1018.58	1018.61	1018.71	1018.78	1018.95	1019.24	1019.50	1019.64	1019.62	1018.96
	6	1019.57	1019.58	1019.56	1019.55	1019.62	1019.67	1019.68	1019.68	1019.74	1019.77	1019.77	1019.83	1019.67
	7	1019.91	1019.98	1019.99	1020.03	1020.10	1020.14	1020.16	1020.20	1020.28	1020.38	1020.45	1020.42	1020.17
	8	1020.43	1020.44	1020.45	1020.50	1020.55	1020.59	1020.55	1020.49	1020.53	1020.52	1020.45	1020.47	1020.50
	9	1020.51	1020.53	1020.54	1020.55	1020.54	1020.54	1020.59	1020.66	1020.70	1020.76	1020.77	1020.77	1020.62
	10	1020.81	1020.86	1020.92	1020.92	1020.90	1020.89	1020.84	1020.73	1020.62	1020.47	1020.34	1020.29	1020.71
	11	1020.22	1020.19	1020.18	1020.15	1020.16	1020.16	1020.13	1020.14	1020.14	1020.09	1020.07	1020.05	1020.14
	12	1019.99	1019.92	1019.88	1019.84	1019.78	1019.69	1019.65	1019.66	1019.62	1019.56	1019.56	1019.57	1019.72
	13	1019.57	1019.54	1019.50	1019.49	1019.45	1019.43	1019.50	1019.54	1019.54	1019.57	1019.56	1019.52	1019.52
	14	1019.56	1019.60	1019.61	1019.66	1019.71	1019.72	1019.74	1019.77	1019.78	1019.76	1019.73	1019.74	1019.70
	15	1019.76	1019.75	1019.73	1019.72	1019.74	1019.72	1019.73	1019.77	1019.80	1019.82	1019.84	1019.90	1019.77
	16	1019.97	1019.96	1020.05	1020.20	1020.16	1020.14	1020.23	1020.23	1020.25	1020.30	1020.34	1020.38	1020.18
	17	1020.44	1020.54	1020.59	1020.59	1020.62	1020.62	1020.61	1020.65	1020.65	1020.67	1020.76	1020.78	1020.62
	18	1020.77	1020.83	1020.89	1020.91	1020.94	1020.97	1020.99	1021.04	1021.06	1021.12	1021.21	1021.22	1020.99
	19	1021.21	1021.22	1021.21	1021.23	1021.26	1021.27	1021.28	1021.26	1021.22	1021.22	1021.22	1021.22	1021.23
	20	1021.24	1021.26	1021.26	1021.26	1021.29	1021.28	1021.29	1021.33	1021.30	1021.24	1021.21	1021.15	1021.26
	21	1021.13	1021.14	1021.13	1021.11	1021.07	1021.03	1020.98	1020.99	1021.06	1021.15	1021.23	1021.27	1021.11
	22	1021.29	1021.30	1021.33	1021.34	1021.34	1021.35	1021.38	1021.38	1021.37	1021.37	1021.37	1021.38	1021.35
	23	1021.42	1021.43	1021.39	1021.36	1021.33	1021.33	1021.34	1021.31	1021.26	1021.21	1021.23	1021.25	1021.32

S.V.I.R.CO. Observatory - Pressure in hectoPascal – January 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
31	0	1021.22	1021.25	1021.27	1021.25	1021.24	1021.24	1021.22	1021.19	1021.14	1021.09	1021.07	1021.10	1021.19
	1	1021.13	1021.09	1021.02	1020.95	1020.89	1020.82	1020.81	1020.90	1020.94	1020.90	1020.86	1020.87	1020.93
	2	1020.94	1020.97	1020.95	1020.95	1020.93	1020.90	1020.85	1020.77	1020.69	1020.65	1020.63	1020.62	1020.82
	3	1020.63	1020.62	1020.60	1020.60	1020.62	1020.59	1020.55	1020.50	1020.48	1020.48	1020.45	1020.45	1020.54
	4	1020.48	1020.48	1020.46	1020.44	1020.40	1020.35	1020.30	1020.26	1020.26	1020.29	1020.33	1020.38	1020.37
	5	1020.41	1020.44	1020.48	1020.53	1020.55	1020.54	1020.54	1020.54	1020.56	1020.57	1020.57	1020.59	1020.52
	6	1020.64	1020.70	1020.74	1020.80	1020.83	1020.86	1020.90	1020.93	1021.01	1021.11	1021.14	1021.13	1020.90
	7	1021.13	1021.13	1021.14	1021.13	1021.11	1021.13	1021.17	1021.20	1021.23	1021.26	1021.28	1021.30	1021.18
	8	1021.30	1021.29	1021.32	1021.36	1021.38	1021.43	1021.47	1021.48	1021.49	1021.51	1021.56	1021.60	1021.43
	9	1021.61	1021.63	1021.66	1021.69	1021.74	1021.78	1021.79	1021.79	1021.80	1021.80	1021.80	1021.80	1021.74
	10	1021.78	1021.76	1021.75	1021.75	1021.77	1021.74	1021.71	1021.67	1021.61	1021.57	1021.54	1021.50	1021.68
	11	1021.45	1021.38	1021.38	1021.35	1021.28	1021.21	1021.13	1021.08	1021.07	1021.06	1021.00	1020.94	1021.19
	12	1020.90	1020.84	1020.79	1020.77	1020.74	1020.68	1020.64	1020.59	1020.52	1020.47	1020.45	1020.40	1020.65
	13	1020.35	1020.31	1020.29	1020.28	1020.25	1020.25	1020.27	1020.26	1020.23	1020.20	1020.18	1020.17	1020.25
	14	1020.16	1020.13	1020.13	1020.12	1020.10	1020.09	1020.09	1020.09	1020.08	1020.05	1020.01	1020.00	1020.09
	15	1019.99	1019.96	1019.94	1019.94	1019.94	1019.93	1019.94	1019.96	1019.96	1019.95	1019.94	1019.94	1019.95
	16	1019.95	1019.96	1019.97	1019.99	1020.03	1020.06	1020.08	1020.11	1020.15	1020.18	1020.18	1020.18	1020.07
	17	1020.19	1020.19	1020.20	1020.22	1020.23	1020.21	1020.21	1020.22	1020.22	1020.24	1020.28	1020.28	1020.22
	18	1020.30	1020.36	1020.41	1020.48	1020.54	1020.60	1020.66	1020.69	1020.69	1020.66	1020.64	1020.66	1020.55
	19	1020.67	1020.69	1020.69	1020.64	1020.60	1020.60	1020.62	1020.64	1020.68	1020.71	1020.71	1020.70	1020.66
	20	1020.74	1020.79	1020.78	1020.74	1020.72	1020.71	1020.72	1020.70	1020.68	1020.68	1020.68	1020.65	1020.71
	21	1020.63	1020.63	1020.62	1020.61	1020.59	1020.59	1020.58	1020.56	1020.55	1020.54	1020.53	1020.53	1020.58
	22	1020.56	1020.58	1020.59	1020.58	1020.57	1020.57	1020.59	1020.62	1020.67	1020.70	1020.73	1020.74	1020.62
	23	1020.76	1020.79	1020.78	1020.76	1020.73	1020.70	1020.68	1020.71	1020.75	1020.78	1020.78	1020.78	1020.75

