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SVIRCO Prompt Report: November 2012

Fabrizio Signoretti and Francesco Re

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AREA DI RICERCA ROMA - TOR VERGATA

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

SVIRCO Prompt Report: November 2012

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in November 2012 by the Neutron Monitor of SVIRCO-Rome (present geographic position: 41.86° N - 12.47° E; altitude about s.l.), is reported in prompt form together with the barometric pressure data.

SVIRCO OBSERVATORY

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

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

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

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

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

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

Each of the 20 BF₃ proportional counters (BP-28 type) is equipped with a smart amplifier/discriminator circuit complete with a spectrum stabilizer. This new electronic unit, developed in our laboratory, holds firmly the pulse height spectrum of the amplifier output (within a range of more than 150 volts around the operating voltage), providing the counter with a great immunity against high voltage variations.

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

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

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

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

DATA PRESENTATION

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

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

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

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

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

CONDITIONS FOR SVIRCO DATA USE

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

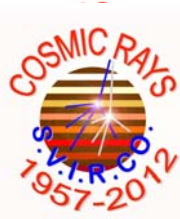
-You agree to acknowledge our financial supports in any published use of the data.

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

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

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

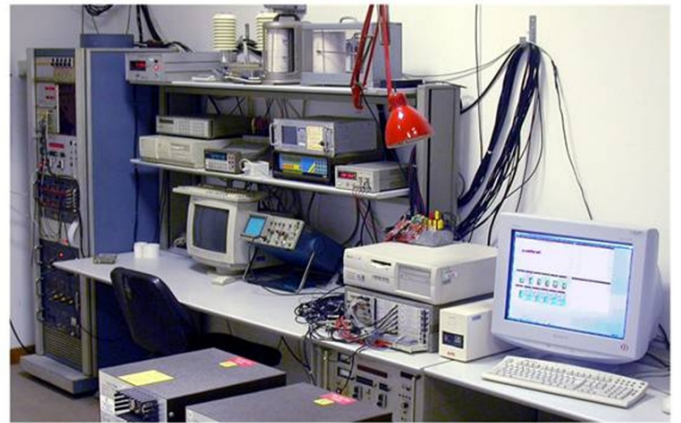
stefano.massetti@ifs-roma.inaf.it



S.V.I.R.CO. Observatory

Rome

Italy



INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – November 2012										20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
1	0	45550	45087	46396	45713	45500	44596	45519	45439	45595	45868	45781	45422	99.017	
	1	45448	45262	44911	45456	45309	44965	45253	44952	45557	45483	45311	45203	98.419	
	2	45673	45064	45296	45879	45173	45106	45591	45347	45192	45364	44802	45295	98.541	
	3	45229	45376	45228	45454	45893	45154	45723	45348	45255	45439	45759	46190	98.951	
	4	45476	45752	44737	45298	45393	45207	45127	45695	45424	45735	45788	46189	98.910	
	5	46031	45293	45424	45295	44970	45688	45790	45706	45177	45292	45605	45054	98.822	
	6	45576	45613	45849	45506	44805	46055	45506	45365	45717	45439	45654	45325	99.018	
	7	45534	45569	46031	45704	45584	45542	45628	46205	46103	45459	45235	46000	99.413	
	8	45684	45498	45588	45086	45857	45354	45738	45640	45726	45212	45415	46188	99.122	
	9	45504	45446	46188	45745	45555	45445	45248	45379	45375	45507	45576	45467	99.022	
	10	45509	45319	45755	45701	45628	45178	45541	45095	45571	45943	45342	45621	98.980	
	11	46067	45693	45665	45170	46074	46016	45674	45912	45854	45957	45051	45510	99.422	
	12	46262	45352	45280	46009	45750	45507	45721	45348	45689	45729	45454	45210	99.181	
	13	45912	45322	45644	45534	46067	45584	45967	45290	45373	45985	45526	45415	99.236	
	14	45860	45544	45275	44907	45493	46014	45418	45916	45442	45391	45423	44990	98.884	
	15	45614	45860	45363	45333	44866	45370	45901	45651	45588	45371	45386	45316	98.874	
	16	45416	45251	45422	45390	45447	44943	45553	45273	44788	45924	45801	45748	98.754	
	17	45083	45512	45354	45807	45135	45405	45552	45732	45342	45508	44997	45297	98.712	
	18	45147	45517	45074	45135	45783	45459	45330	45711	45467	45734	45801	45229	98.832	
	19	45743	46130	45176	45612	45387	45852	45523	45986	45639	45495	45546	45839	99.292	
	20	45624	45024	45553	46019	45858	45118	45946	45884	46202	45985	45049	45323	99.230	
	21	45552	46023	45413	45761	45877	46410	45941	45752	45814	45714	46108	45553	99.653	
	22	45757	45726	45882	45716	45590	45938	45492	45621	45655	45643	45632	44840	99.214	
	23	45881	45801	45429	45898	45603	46234	45828	45516	45299	45215	46548	45529	99.447	
2	0	46012	45027	45760	45108	45683	45225	45686	45920	45447	45639	45668	45226	99.023	
	1	46091	45646	45963	45999	46084	45468	45576	45721	45644	45574	45139	45187	99.322	
	2	46510	45251	45788	45400	45262	45796	45265	45755	45703	45654	45235	44866	99.031	
	3	45276	45051	45169	45677	44891	45883	45506	45742	45475	45858	46270	46177	99.120	
	4	45561	45924	45038	45524	44785	45820	45681	45323	45000	45319	45458	45633	98.774	
	5	45202	45732	45583	45635	45764	45388	46144	45494	45121	45912	45826	46241	99.313	
	6	45584	45785	45803	45388	45396	45940	45636	45882	45633	44932	46015	45684	99.248	
	7	45251	46079	45962	45884	45898	45604	45765	45281	45977	45578	46086	45494	99.461	
	8	45854	45596	45491	45745	46045	45098	45891	45430	45342	45490	45605	45617	99.161	
	9	45669	46285	45159	46030	45766	45653	44941	45808	45106	45705	46008	45879	99.307	
	10	45659	45527	45364	46005	45918	46033	45948	45316	45770	45727	45316	45913	99.395	
	11	45732	45355	45165	45552	45588	45596	45643	45797	45069	45757	45205	45474	98.931	
	12	45262	45510	45320	45930	45027	45822	45558	45710	45403	45704	45830	45960	99.130	
	13	45462	45245	45640	45003	45333	45503	44747	45664	45517	45458	45316	45968	98.736	
	14	45921	45088	45525	45540	46323	45574	45634	45140	45634	46134	45971	45631	99.326	
	15	45505	45318	45274	46118	45907	45743	46024	45415	45165	46059	44489	45401	99.019	
	16	45784	45315	45014	45645	44555	45197	45114	45005	46050	45417	45753	45545	98.652	
	17	45310	46159	45310	45302	44938	45098	45709	45806	46088	45471	45422	45571	98.976	
	18	45977	45501	45257	45487	45694	45070	45182	45887	45372	45266	45507	45599	98.906	
	19	45698	44874	45048	45894	45475	44880	44586	45540	45096	45329	45815	45007	98.443	
	20	44870	45436	45604	45992	44922	45235	45564	45582	45394	45585	45701	45581	98.846	
	21	45254	45530	45183	45560	45550	45091	45177	45153	45429	45319	45106	44905	98.445	
	22	44662	46023	45524	45403	45225	45313	45718	45074	45275	45606	45883	44931	98.696	
	23	44719	45823	45689	45209	45069	45392	45659	45503	45349	45075	44980	45203	98.521	

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - November 2012											20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
3	0	44802	45318	45926	45451	45430	45258	45657	44929	45519	45377	45276	45225	98.622
	1	45236	45668	45126	45739	45127	45442	45325	46279	45513	45990	45153	45332	98.931
	2	45679	45590	45604	46316	45514	45294	45718	45127	45750	45455	45381	45698	99.147
	3	45703	44632	45236	45577	45357	45552	45377	45514	45649	45595	44807	45557	98.681
	4	46288	45984	46035	45691	46388	45043	45617	45636	45312	45763	45579	45884	99.526
	5	45935	45275	45142	46243	44900	45383	45615	45556	45204	44957	45919	44958	98.778
	6	46063	45146	45245	45352	45739	45772	45328	45330	46134	45042	45660	44658	98.847
	7	45377	45609	45255	45583	45166	45531	46000	45450	45163	45461	45544	45779	98.928
	8	45938	45415	45656	45730	45528	45927	45465	45616	45192	45384	45541	45224	99.055
	9	46149	44557	45659	45509	45587	45233	45495	45035	45779	45717	45447	45330	98.852
	10	44942	45158	45136	45840	45961	45863	45798	45713	45875	45353	45804	45533	99.120
	11	45587	45664	45696	45839	45323	45755	45690	46190	45898	45638	45437	45307	99.310
	12	45416	45638	45662	45566	44996	45462	45413	45840	45670	46020	46089	45957	99.257
	13	45296	45570	45545	45856	46023	45552	45329	45428	45257	46062	45406	45721	99.132
	14	45929	45831	45662	45756	45318	46212	45678	46185	45206	45499	45506	45184	99.299
	15	45697	45612	46564	46006	45115	45078	44794	45682	46044	46075	45604	45700	99.300
	16	45571	45966	45584	45283	45288	45689	45582	45593	45661	45537	45184	45184	98.965
	17	46459	45621	45230	45537	45485	45565	46041	45429	45820	45816	45570	45920	99.395
	18	45314	44935	45377	44981	45519	45225	45403	45225	45252	45214	44759	45402	98.328
	19	45896	45162	44934	45214	45990	45067	45262	45562	46093	45318	45435	45250	98.795
	20	45555	45605	45190	45381	45449	44712	45964	45132	45071	45454	45816	45355	98.705
	21	45259	45534	45074	45019	45680	45050	45052	45211	45293	45374	45500	45478	98.494
	22	45235	45297	45885	45497	45310	45798	44750	44854	45533	45298	45604	45201	98.628
	23	45187	45520	45580	45052	45024	45241	45180	45131	45179	45357	45166	44986	98.327
4	0	45411	44682	44943	44905	45341	45504	45589	45076	45470	45152	45511	45614	98.432
	1	45662	45832	45900	44994	45168	45506	45176	44696	45309	45589	45611	45175	98.693
	2	46075	45283	45401	45060	45226	45128	45682	45195	45121	45202	45198	45448	98.584
	3	45331	45989	45220	45715	45589	45840	45944	45300	45334	45192	45673	45021	98.970
	4	45622	45130	45453	45721	45334	45355	45254	44857	45770	45841	45369	46147	98.917
	5	45413	45780	45719	45389	45871	45721	45206	45562	46010	45521	44903	45656	99.079
	6	45354	45799	46331	45122	45253	45001	45645	45755	45600	45512	45346	45059	98.903
	7	45668	45074	45623	45525	46001	45203	46029	45762	45355	46148	45178	45674	99.167
	8	45067	46201	45095	45638	45439	45158	45098	45283	44904	45543	45106	45354	98.560
	9	45243	45432	45316	44965	45953	45193	45074	45699	45579	45218	45636	45544	98.735
	10	45379	45875	45286	45609	45652	45358	45365	45692	45694	45298	45987	45358	99.043
	11	45272	44918	45825	45930	45418	45258	44903	45659	45770	45376	44958	45489	98.721
	12	44925	45518	46049	45072	45160	45735	45582	45529	45811	45392	45601	45588	98.937
	13	45609	45493	46526	45575	45622	45442	45235	45740	45670	45574	45807	45676	99.300
	14	46048	45872	45504	45900	45952	45850	45497	45393	45020	45224	45421	45260	99.114
	15	45965	45394	45820	46148	45599	46190	45363	45951	45783	45121	45317	45085	99.257
	16	45444	45385	45240	45889	45365	45529	45838	45227	45587	45173	45237	45659	98.866
	17	45928	45527	45614	45600	45119	45780	45404	45572	45092	45678	45312	45340	98.937
	18	44918	45434	45455	44820	44869	45729	46148	45820	45484	45879	45353	45793	98.890
	19	45269	45496	45146	45822	46050	45252	45649	45624	45864	45310	45770	45747	99.124
	20	45440	46033	45856	46049	45124	45080	45155	45038	45078	45448	45139	45798	98.804
	21	44769	44918	45960	45585	45124	45253	45751	45939	45068	45128	45485	45195	98.612
	22	45364	45197	45319	44867	45252	45311	45048	45095	45504	45719	45615	45632	98.567
	23	45286	44989	45196	45222	45132	45224	44929	45687	44869	45514	44634	44985	98.158

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – November 2012										20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
5	0	45189	45493	45513	44493	44900	45281	45433	45869	45478	44974	45181	45377	98.426	
	1	45821	45034	45473	45691	45339	45015	45608	45205	45233	44922	44766	45260	98.465	
	2	45186	45058	45767	45283	45349	45441	45741	45246	45565	45756	45290	45386	98.774	
	3	45515	45702	45167	45878	45370	45926	45164	45224	45508	45564	45401	45206	98.875	
	4	45042	45914	45384	45205	46046	45843	45516	45882	45027	44918	45938	44802	98.856	
	5	45324	45761	45348	45331	45027	45235	45278	44739	45742	45198	45119	45471	98.503	
	6	45239	44901	45777	45023	44997	45744	44811	44807	44935	45994	45368	45303	98.381	
	7	45621	46027	45684	44737	45897	45494	45285	45769	45551	45137	45556	45251	98.945	
	8	45374	45084	45082	45301	45165	45237	45210	45276	44772	45385	45449	45833	98.430	
	9	44939	45233	45236	45965	45602	45618	44855	45426	45656	44999	45438	46224	98.796	
	10	46245	44920	45031	45439	45523	44988	44976	45664	45515	45050	45348	45202	98.563	
	11	45384	45427	45560	45132	45737	45259	45317	45243	45615	45847	45716	45246	98.849	
	12	44973	45814	45046	45315	46028	45231	45910	45666	46254	45899	45113	45326	99.047	
	13	45862	45086	46185	45137	45968	45760	44846	45380	45294	45609	45931	45753	99.090	
	14	45836	45589	46335	45841	45921	45838	46253	46102	45501	45244	45511	45803	99.627	
	15	45386	45278	45897	46092	45131	46162	45706	45652	45960	45882	45893	45594	99.420	
	16	46125	45864	45648	45630	46143	45342	45987	46053	45448	45109	44992	45631	99.301	
	17	46152	45438	46006	46140	45469	45453	45311	45652	45715	45378	45890	45575	99.338	
	18	44858	44917	45808	44861	45695	45207	46129	46402	45716	45589	44949	45801	98.930	
	19	45697	45298	45374	45434	46217	45264	46082	45245	45435	45663	44972	45182	98.918	
	20	45852	45670	45650	45422	45341	45612	45664	45382	45684	45659	46085	45437	99.207	
	21	45111	45785	45944	45436	45031	45231	45627	45906	45371	45808	46051	45438	99.077	
	22	44440	45282	45560	45433	45589	45514	45503	45581	46239	45732	45828	45199	98.925	
	23	45819	45092	44610	45947	44950	45801	45509	45210	45180	45122	45704	45337	98.631	
6	0	45085	45760	45832	45977	45555	45329	45073	45227	45233	45262	45658	45194	98.799	
	1	45273	45353	45016	45181	44996	45150	45298	45101	45307	45551	45879	45496	98.508	
	2	45733	45537	45887	45059	45201	45103	45826	45269	45674	45289	45660	45755	98.941	
	3	45611	44837	45307	44939	45695	45641	44739	45056	45305	45635	44621	44958	98.281	
	4	44962	45057	44965	45610	46268	44933	45222	44892	45941	45266	45576	45515	98.618	
	5	45684	45286	45981	45375	45819	44912	44881	45364	45801	45658	46826	44958	99.041	
	6	45528	45041	45352	45499	45048	45485	45699	44764	44921	45919	45539	45135	98.568	
	7	45163	45680	45415	44896	45257	45265	45197	45145	45338	45091	45599	45342	98.470	
	8	45618	45160	45176	45956	45408	45628	45395	45777	45464	45525	45986	45536	99.057	
	9	45607	45604	45713	45174	45766	46054	45413	45049	46090	45298	46121	45623	99.217	
	10	45444	45376	45615	45435	45647	45734	45940	45447	45788	46173	45424	45219	99.168	
	11	45923	45543	45192	46115	45113	45605	45619	46313	46303	45765	45517	46174	99.519	
	12	44869	45244	45404	45184	45812	45492	45315	45319	45702	45443	45754	45712	98.807	
	13	46289	45802	45617	45929	45609	45994	45770	45751	45319	45407	45825	45508	99.454	
	14	45601	45985	45531	45523	45328	46398	45869	45639	45652	45886	45755	45764	99.474	
	15	46146	45039	46218	45175	45624	45682	45707	45375	45989	46301	46052	46193	99.577	
	16	45751	45737	45991	45870	45210	45999	46035	45601	45765	45245	46322	45852	99.555	
	17	45419	45472	45872	45786	45797	45088	45287	45881	45365	46020	45302	45761	99.133	
	18	45884	45373	45960	45038	45520	45550	46171	44995	45583	45552	46095	44953	99.065	
	19	45642	45589	45529	45186	44875	45911	45306	45671	45206	45149	45122	45787	98.757	
	20	45714	45125	44873	45650	45824	45697	45353	45483	45745	45946	45218	45333	98.936	
	21	45070	46092	45446	45501	45674	45402	45589	45228	45363	45646	46080	45495	99.049	
	22	45527	46275	45176	44896	45196	45947	45512	46005	45776	44935	44938	45309	98.851	
	23	45501	45724	45844	45451	45880	45594	45924	45213	45561	45942	45596	44950	99.157	

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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	45429	45353	45412	45037	45353	45830	45728	45493	45343	45950	45564	44769	98.813
	1	45551	45531	45344	45906	45460	45581	44825	45812	45242	45635	45579	45362	98.912
	2	45404	45321	45460	45900	45719	45154	45724	45730	45617	45959	45426	45110	99.038
	3	45371	45877	44642	45434	45055	45530	44803	45823	45165	45458	44797	45343	98.453
	4	45774	45436	45000	46003	45311	45223	45913	45490	45958	45145	45222	45996	99.028
	5	45513	45746	45024	45704	45641	45224	45250	45294	45783	45762	45475	44746	98.791
	6	45036	45862	45174	45892	45498	45917	45512	45255	45364	46113	44921	45792	99.004
	7	45200	44889	45573	45158	45327	45418	45225	45415	45215	46100	45399	45739	98.700
	8	45683	45800	45456	45186	45482	46076	45849	46023	45528	45688	46010	45862	99.422
	9	45916	44975	45588	45892	45422	45347	45439	45669	45708	45613	45527	45177	98.992
	10	45294	45916	45071	46242	45393	45767	45302	45062	45158	46070	45975	45133	99.012
	11	46205	45657	45360	46016	45389	46152	45121	45595	45808	45054	46093	45656	99.325
	12	45839	46106	45832	45657	45490	45775	45264	45523	45894	45698	45838	45754	99.427
	13	45543	45674	45850	45840	45990	45372	46351	45640	45813	45917	46416	46389	99.811
	14	45609	45794	45597	46151	45580	45646	46043	45714	45434	45959	45835	46110	99.572
	15	46131	46028	46081	46043	45690	46255	45716	45173	45608	45486	45975	46237	99.745
	16	46269	45967	45188	45638	45918	46539	45490	45303	45071	45779	45850	45931	99.477
	17	45377	45648	45543	46052	45772	45742	45850	45784	45522	45492	45904	45899	99.411
	18	44839	45255	45506	45812	45823	45537	46127	46339	46125	45524	45411	45464	99.262
	19	45975	45934	45674	45914	45564	46504	45850	46226	45680	45309	45343	45977	99.659
	20	45943	45715	45321	45648	46006	45772	45830	45788	45517	45245	45007	45653	99.205
	21	45919	45881	45350	45108	45966	46168	45378	45420	46256	46076	45979	45692	99.522
	22	45857	45641	45992	45979	45649	46288	45722	45362	45319	45477	45048	45333	99.245
	23	46190	45588	45676	45726	45654	45713	45525	45314	45363	45381	45152	45453	99.076
8	0	45712	45993	45600	45647	45775	45640	45820	45453	45738	46130	45812	45288	99.414
	1	45002	45408	45259	46121	45562	45695	45375	45538	45657	45976	45659	45864	99.146
	2	45716	46024	45899	45294	45851	45811	45254	45987	45619	45574	45793	45611	99.384
	3	45318	46078	45387	46249	45971	45288	45752	45222	45414	45605	45114	46236	99.239
	4	45697	45162	45816	45873	45764	45675	45285	45207	45218	45592	45935	45568	99.087
	5	44703	45721	45065	45728	46044	45531	45369	45752	45707	45611	45511	45290	98.949
	6	45523	45467	45661	45878	45224	45549	45572	46022	45153	45403	45524	45478	99.025
	7	45350	45254	45390	44923	45594	45330	45385	46297	45529	45729	46049	45824	99.062
	8	45977	45931	45761	45066	45556	45160	44859	45353	45875	46195	45046	45876	99.062
	9	45692	45636	45128	45284	46123	45550	45587	45463	45867	45695	45523	45764	99.181
	10	45712	45564	44858	45720	45994	45552	46253	45629	45917	45379	45162	45315	99.134
	11	45802	45460	45940	45994	46075	46472	45921	45765	46010	46325	46173	46305	100.075
	12	45075	45551	45429	45162	45914	45570	45383	46194	45409	45541	46445	45473	99.151
	13	46008	46011	45778	46297	45688	46233	45655	46152	45972	46363	45898	45917	100.025
	14	45682	46061	46243	45620	45522	45924	45850	45827	45673	45151	45639	45576	99.444
	15	45490	46377	46108	45747	46305	45727	45612	45988	45361	45838	45609	46083	99.712
	16	46154	45660	46207	45693	45621	45654	45918	45912	45221	45922	45448	44521	99.294
	17	45759	45992	45894	45411	45544	45191	45665	45584	45254	45820	45394	46026	99.221
	18	45768	45655	45944	45893	45602	45652	45135	46310	45628	44792	45276	45197	99.097
	19	45741	45775	46085	45908	45241	45680	45807	45834	45233	45309	45030	45300	99.114
	20	45546	46350	45711	45097	45568	46108	46080	45586	46281	45849	45422	45467	99.498
	21	45629	45529	45986	45144	45389	45964	45193	45897	45965	45754	46354	45660	99.390
	22	46306	45393	45579	46222	45483	45553	45225	46380	45246	46141	45226	46033	99.448
	23	45472	45531	46055	45867	46278	45378	45660	45604	45737	45763	45717	45181	99.349

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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	45660	45124	45629	45692	45790	45473	45901	45159	45337	46079	45092	45259	98.975	
	1	45418	46037	45482	45752	45619	44908	46210	46026	45268	46302	45581	45728	99.366	
	2	45784	45676	45494	45407	45400	45068	45182	46015	45796	45784	45336	45539	99.030	
	3	45805	46300	44904	46082	45763	45380	45728	45817	45484	45693	45976	45551	99.393	
	4	45653	45674	46102	45419	45759	45842	45282	45444	45634	44913	45502	45199	99.019	
	5	45392	45327	45732	45518	46026	45651	45689	46280	44981	45930	45689	45289	99.215	
	6	45746	45615	45481	45685	45695	45531	45133	45723	45651	45362	45755	45800	99.156	
	7	45498	46257	45615	45716	45810	44743	45370	45791	46704	45846	45713	45090	99.333	
	8	45485	46450	45549	45493	45625	45428	45391	46021	45543	45842	45994	45987	99.451	
	9	45180	45660	45853	44909	46009	45944	45445	45321	45844	45951	46068	46263	99.387	
	10	45972	45679	46740	46453	45347	45099	45511	45727	45701	45584	45617	46036	99.571	
	11	45601	45598	45793	44833	46108	45211	46464	46262	45714	46432	46361	46094	99.755	
	12	46390	46058	46007	45810	45860	46486	46340	45881	45967	45149	46293	45640	100.008	
	13	45859	46120	45096	45640	45805	45759	46057	46679	45146	46113	45637	45841	99.623	
	14	45724	45776	45674	45770	45965	46020	46125	46418	45621	45588	45375	45917	99.663	
	15	46282	45715	46134	45783	45853	45792	45623	45341	46594	45976	45918	45711	99.799	
	16	46020	46643	46025	45914	46029	46730	45772	44935	45597	45561	45635	46180	99.857	
	17	45622	45764	45664	45835	45548	46030	46124	45613	45772	46431	45947	46446	99.812	
	18	45867	46480	45606	45789	46183	46011	45617	45474	45998	45629	45492	45648	99.630	
	19	45612	46085	45981	46336	45895	46067	46211	45093	45593	45950	46619	46386	99.999	
	20	46156	45974	46104	45549	46008	46065	45682	46013	45867	45975	45647	46297	99.910	
	21	46407	45594	45968	45764	45515	45456	45714	46052	45422	45987	46504	45298	99.610	
	22	45273	45674	46221	45917	45812	46268	45766	45756	45849	45822	45873	46093	99.727	
	23	45609	45310	46620	45691	46059	45659	45802	45358	45921	46314	45921	45734	99.667	
10	0	45893	46230	46076	45528	45790	45594	45856	45045	45899	45853	45811	45328	99.456	
	1	46379	45394	46031	45705	45352	45620	45634	46075	45594	45540	45767	46217	99.543	
	2	45817	45438	45408	45713	45642	45487	45405	46063	45637	45878	45787	45803	99.320	
	3	45925	45325	46321	46173	45679	46073	45453	45528	45777	46239	45868	45840	99.704	
	4	45737	45294	45280	44899	45444	45950	45784	45921	45362	45155	46705	45479	99.126	
	5	46080	45494	45428	46157	45847	45653	45698	45487	45910	45467	45588	45909	99.435	
	6	45735	45775	45972	45518	45852	45790	45871	45410	46318	45841	46122	45889	99.684	
	7	45737	45767	45398	45910	46032	45338	45580	45509	46016	46274	46434	46069	99.680	
	8	46463	45747	46216	45717	45794	46079	45889	45855	46067	45259	45856	45732	99.790	
	9	45852	46141	45602	45341	46139	46132	46326	45265	45259	45187	45354	46165	99.444	
	10	46042	45723	45891	45411	45993	45785	45998	45539	45440	46176	46213	46034	99.713	
	11	45479	46146	45632	46561	45730	46199	46109	45606	45673	45994	46226	46026	99.918	
	12	46027	45938	45379	46347	45627	45610	46640	46059	45473	45357	45974	46061	99.757	
	13	45747	45802	46237	45839	45906	46075	45920	45429	46073	46370	46023	45886	99.905	
	14	45199	45698	46143	45567	45625	46882	45557	46380	46055	46173	45719	45889	99.829	
	15	45555	45824	46460	46043	45968	45790	46094	46267	46071	45532	45944	46045	99.957	
	16	46069	45404	46137	45939	45555	45721	45943	45478	46366	45739	45155	45875	99.556	
	17	45716	45746	46231	45874	45769	45833	46114	46196	46067	47053	45959	45835	100.102	
	18	46267	45859	46260	46257	45882	46225	45300	46490	45528	45094	45916	46123	99.885	
	19	45492	46088	45778	46295	45929	45884	45701	45832	45244	45696	45950	46233	99.690	
	20	46219	46126	45808	46214	45985	45944	46000	45770	45582	45858	45412	45567	99.755	
	21	46037	46296	46065	45752	45406	46177	45887	46151	46715	45764	45499	46290	100.037	
	22	45676	45323	45928	45657	45799	45903	46038	46263	46094	45811	46056	45926	99.754	
	23	46238	45229	45401	45922	45867	45643	46369	45946	45622	45835	45805	45379	99.533	

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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	45680	45627	46023	45748	46213	45852	45783	46441	45646	46148	46015	45823	99.843
	1	45874	46248	46054	45880	45428	45644	45623	45788	45367	46705	45784	45908	99.723
	2	45468	45499	46040	45776	45578	45177	45019	45583	45488	45526	45407	45708	98.991
	3	45777	45252	45443	44823	45881	45932	45255	46386	45643	45894	45747	45777	99.272
	4	46231	45418	45443	45588	45939	46036	45646	45691	45611	45921	45527	45939	99.485
	5	45353	45576	45720	45392	45534	45795	45515	45202	45936	45678	45152	45520	99.011
	6	46001	45775	45325	46279	45844	45164	45490	45811	45484	45409	45311	45879	99.265
	7	45435	45689	46081	45529	45689	45516	46208	45116	45889	46181	45725	45156	99.344
	8	45802	46282	45746	45797	45854	45888	45587	45807	45925	46002	46374	45722	99.811
	9	45662	46329	45521	45226	46096	45689	45750	45507	45892	45337	45651	45882	99.403
	10	45478	45342	46167	45677	46617	46127	46489	45429	45909	45076	45565	46311	99.702
	11	45866	45902	46588	46833	46135	45586	45577	45785	45503	45800	45883	45850	99.905
	12	46186	45983	46117	45810	45978	46529	45988	46042	45880	45491	45836	45860	99.976
	13	45825	46368	46042	46029	45570	45987	45975	46309	45698	45672	46446	45817	99.983
	14	46501	46051	45922	46193	45632	46580	46008	46035	45981	45853	45380	45978	100.053
	15	46386	46000	46216	45823	45583	45689	46493	46297	46057	45742	45804	45811	100.012
	16	46092	45890	45836	45755	46065	45186	45598	46204	45669	46475	45866	45885	99.761
	17	45891	45961	45746	45836	45318	46157	46060	46077	45518	45925	45577	46082	99.695
	18	46284	45588	45534	45967	45280	45621	45655	45741	45768	46290	45814	45524	99.498
	19	46107	45985	45865	46045	45445	46144	45625	45849	45766	46399	45969	45471	99.789
	20	45687	45831	45298	46151	45135	46130	45453	45783	45425	45676	45923	45472	99.299
	21	45578	45861	46022	45995	45464	45936	45323	45481	45174	45431	45345	45605	99.164
	22	45224	45602	45459	46059	45282	45329	45565	46232	46126	46135	45549	46431	99.485
	23	45214	45308	45240	45798	46053	45736	46256	45344	45741	45377	46353	45806	99.346
12	0	46165	46083	44947	45439	45624	45644	46100	45340	46005	45193	46033	45607	99.344
	1	45759	45209	45246	45905	46146	46083	45793	45553	45578	45642	45810	45744	99.390
	2	45475	45709	44880	45402	45603	45853	45614	45350	45451	45852	45316	45276	98.904
	3	45384	46021	45111	45411	45547	45434	45581	45926	45857	45639	45644	45767	99.182
	4	45605	45944	45410	45708	45904	45829	46027	45833	46361	45362	45364	45410	99.443
	5	45882	45001	45418	46220	46776	46012	45750	45756	45383	46109	45838	45657	99.632
	6	45944	46875	46514	45979	46528	45868	45848	46064	45986	46337	45689	46336	100.388
	7	46394	45815	46246	45329	45490	45915	46249	45097	45477	45875	46556	45746	99.702
	8	46062	46565	46217	46494	45927	46449	45729	45897	46852	46103	46258	46020	100.496
	9	46375	46251	46236	46230	45960	45849	46154	45368	45739	45993	46290	45957	100.103
	10	46047	46232	46172	46298	45603	45771	45931	46029	46216	46103	46413	45809	100.143
	11	46482	45661	45949	46379	46041	46326	46116	46723	45443	45441	46213	45935	100.159
	12	46627	46018	46462	46507	45982	46369	45620	46115	45763	45834	45860	46760	100.377
	13	46160	46191	46241	46063	46128	46122	46093	45836	45960	45632	46389	46395	100.249
	14	45883	46215	46151	45823	45506	45705	45889	46398	45843	46148	46004	46397	100.023
	15	46002	45624	45755	45793	45667	46280	46253	46327	45247	45356	46599	45010	99.652
	16	45630	45893	45905	46052	45837	45402	45708	46004	45968	45832	45027	45922	99.519
	17	45400	45644	46086	45811	46240	45201	45741	46028	45851	45993	45897	46147	99.675
	18	46199	45590	45661	45903	46095	45796	45990	45504	45598	46169	46108	45483	99.685
	19	45467	45634	45870	45994	46393	46327	45985	45759	45900	46108	45677	45615	99.800
	20	45443	46293	44998	46245	45875	45871	45582	45587	46064	46226	45482	46173	99.639
	21	46620	46137	46504	46392	45427	45646	45821	45971	46220	46563	46621	45886	100.357
	22	45978	46493	46061	46159	45518	46204	46265	46124	46690	46603	46211	46281	100.498
	23	46167	46165	46344	45986	46482	45121	46266	45704	46467	45379	45887	45806	99.989

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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	46770	46375	46117	46162	46269	46005	46178	46612	45528	45780	45896	46333	100.393
	1	45868	46616	45675	45894	46019	45806	45277	44889	45823	46294	45856	46131	99.695
	2	45547	45930	46384	45950	46594	45766	46382	46402	46555	45596	45703	46102	100.195
	3	45708	45925	45972	45497	45986	46193	45502	45534	45003	46129	45491	45191	99.330
	4	45270	45426	46070	46225	46282	45328	46155	46141	45965	45788	45994	46223	99.825
	5	45445	46272	45781	46252	45607	45839	45980	45938	46472	46708	45753	46122	100.061
	6	45535	47014	46252	46066	46248	46055	46356	45583	45700	46473	46275	45612	100.242
	7	46300	45949	46199	46438	45803	46451	45817	46692	46443	46310	46051	46164	100.504
	8	45563	46396	45808	45552	45805	45942	45732	45839	45678	45717	46139	46281	99.750
	9	45873	46089	46690	46688	45513	46049	45958	46032	45578	45609	46242	45807	100.053
	10	46245	45237	46010	45880	45598	46174	46364	45742	45550	46316	46388	45842	99.912
	11	45742	45888	46010	45604	45676	45816	46005	46162	45422	45694	44972	45424	99.381
	12	45703	45434	45189	45136	45209	45436	45762	45846	45024	45369	45011	45391	98.673
	13	44986	45206	45173	44836	44978	44669	44922	44848	44820	44874	45204	44678	97.710
	14	44955	44853	45163	45379	45240	44399	44782	44168	44709	44922	44455	45237	97.541
	15	44677	44934	44583	44402	44849	45295	45269	45107	45106	45083	44851	45090	97.719
	16	45047	44935	45018	44484	44730	45244	44840	44740	44865	45320	45009	44584	97.641
	17	44452	44732	44709	44339	44485	45000	45099	45291	44248	45532	45141	45460	97.582
	18	44441	44432	45014	44621	44686	45151	44695	45624	44407	44491	44838	44559	97.305
	19	44859	44499	44946	45129	45055	44691	45152	44882	45096	45494	44693	45484	97.852
	20	45475	44740	45053	45637	45197	45342	45337	44665	45126	45691	44937	44948	98.245
	21	45102	44455	44462	45032	45272	45522	45245	45071	45307	45605	45302	45061	98.116
	22	45439	45190	45411	45681	45477	46062	45453	44977	45245	45308	45245	44929	98.656
	23	45479	45041	45327	45176	45485	45266	45560	45569	45094	44827	45568	44765	98.427
14	0	45251	44945	44865	44488	45044	45086	45470	44704	44713	44975	44295	44911	97.629
	1	44797	44291	44586	44440	44738	45138	45831	44895	44965	44633	44358	45091	97.450
	2	44796	45011	45300	45075	44884	45099	45714	45222	45400	45159	44953	44998	98.148
	3	45586	45752	45275	45601	46029	46000	45237	45541	45656	45211	45696	46209	99.268
	4	45760	45954	45665	45834	45632	45088	45412	45738	45714	45695	45039	46060	99.231
	5	46133	45872	45438	45919	45651	45569	45647	45703	45547	45827	45717	45685	99.434
	6	46062	46094	45821	45404	45836	46179	45457	45460	46059	45113	45763	46216	99.571
	7	45511	46086	45619	45372	46024	45390	45455	45990	44776	45089	45838	46101	99.170
	8	45645	45980	46175	45922	45328	46239	46219	46213	46162	45883	45855	46789	100.104
	9	45841	45936	46681	45735	46278	46048	46256	45953	46134	45941	46227	46380	100.286
	10	45243	46177	45953	46126	45871	45474	45585	46243	46024	46271	46224	46171	99.915
	11	45643	45681	45770	45461	45663	46109	46005	46426	45728	46228	45633	45522	99.644
	12	46581	46456	46170	45409	45356	45944	46116	45778	45653	45728	46126	46107	99.925
	13	45776	46062	46347	46092	46711	46282	46212	45679	46302	45542	45681	45795	100.117
	14	44966	45402	45581	45052	46548	45550	45393	45331	45481	45266	45716	44861	98.788
	15	45439	45500	45584	45895	45776	45754	45963	45628	45988	45452	45532	45354	99.281
	16	45150	45321	45514	45989	45210	45413	45455	45191	45398	45540	45620	45792	98.869
	17	44766	46085	44855	45123	45684	44890	44917	45584	45518	45597	45623	44919	98.501
	18	44841	45070	45188	44698	44941	45779	45109	45989	45061	45581	45638	45203	98.417
	19	45340	44988	45017	45618	45331	45541	44927	45586	45495	45107	45432	45110	98.489
	20	45644	44815	45160	45042	45165	45296	44720	45223	44653	45065	45320	44705	98.002
	21	45192	44542	45096	45123	44883	45129	45165	45092	45461	44550	45310	45232	97.996
	22	44370	45341	44844	44999	45054	45144	44661	45120	44929	45609	45388	44832	97.909
	23	45882	44903	45422	45317	45125	45642	44978	44983	44692	45050	45416	45157	98.321

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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	45412	44747	44972	45229	45223	44567	45132	44778	44888	45137	44700	44936	97.804
	1	45300	45414	44574	45115	44963	45702	45720	45087	44996	45330	45387	44965	98.319
	2	45186	45268	45541	45622	45377	45453	45761	45376	45136	45407	44874	44618	98.511
	3	45030	45059	44744	45232	45970	45056	44962	45240	45508	45449	45210	45579	98.407
	4	45000	45561	45174	45150	45466	44916	45510	44739	45250	44958	45010	44913	98.154
	5	45238	44972	44896	45093	44813	45937	45119	45638	45199	45842	45005	45152	98.382
	6	45090	45040	45196	45539	45574	45292	45080	45427	45255	45523	45645	45920	98.686
	7	45031	45215	45723	45327	45768	45673	45607	44542	45351	45159	45329	45518	98.625
	8	45692	45628	44856	45545	45427	45276	45323	45209	45557	45269	45075	45452	98.636
	9	45211	45324	45769	45421	45961	46314	45489	46173	45134	45138	45049	45444	99.020
	10	45466	44776	45680	45466	45328	45087	45966	45589	46191	45460	45741	45804	99.044
	11	45477	45555	45034	45094	45336	45665	45572	45642	45110	45345	45358	45443	98.695
	12	46010	45234	46022	45185	45813	45240	46046	45127	45582	45406	45996	46086	99.260
	13	46136	45197	45156	45920	45875	45663	45782	45192	44979	45308	45387	45928	99.037
	14	45832	44986	45472	45546	46094	45146	45493	45219	45359	45874	45715	45353	98.959
	15	45402	45071	45569	45936	45064	45358	45807	45101	45243	45357	44943	45671	98.675
	16	45785	44898	45015	45565	45174	46192	45122	45565	45451	45834	45278	46142	98.947
	17	45697	45732	45813	45607	45471	45427	45529	44905	45252	45584	45223	45632	98.920
	18	45609	45589	45132	45953	45205	45646	45530	45500	45388	45335	44926	45850	98.882
	19	45735	44930	45554	45061	45287	44878	45547	45291	45784	45629	45408	45528	98.695
	20	45917	45626	45608	45478	45629	44964	44900	45113	45367	44808	45980	45687	98.775
	21	45164	45261	45417	45073	45530	45429	45573	45525	45493	45315	45146	45979	98.745
	22	46103	45745	46085	45343	45507	45672	45683	45612	45461	45347	45574	45226	99.189
	23	46002	44986	45534	45938	45335	45946	45450	45666	45810	45056	45406	45290	99.019
16	0	45271	44902	45211	44641	45409	45198	46117	45008	45151	45205	45331	45890	98.461
	1	45313	45489	45902	44985	45133	45206	45512	45586	45666	45268	44973	45847	98.740
	2	45625	44986	45516	44789	45075	45246	45644	45560	44684	45475	45475	45637	98.528
	3	45087	45855	45099	45068	45487	45252	45952	45470	45048	45639	45398	45465	98.729
	4	45554	44841	45467	45421	45209	45389	45447	45228	45564	45382	45766	45066	98.641
	5	45872	45076	45447	45279	45357	45146	45087	45432	45129	45351	45459	45665	98.635
	6	45347	45714	45814	45004	46325	45112	45972	45910	45240	45709	45350	45336	99.094
	7	45453	45532	45439	45536	45777	45613	45423	45625	45343	45121	45254	45870	98.940
	8	45627	45624	45399	45331	45526	45573	45909	46196	45391	45665	45575	45506	99.182
	9	45774	45814	44706	45316	45488	45856	44888	45555	45706	45612	45921	44932	98.865
	10	45247	45240	45188	45609	45985	45863	45311	45593	45134	45412	46171	45687	99.023
	11	45302	45242	45712	45566	46195	45775	45677	45270	45821	45787	46137	45678	99.335
	12	45395	45708	45456	45780	45359	46096	45791	45234	45937	46065	45881	45385	99.322
	13	45319	46107	45880	45666	45794	46276	45575	45697	46157	45978	45669	45553	99.608
	14	45520	45453	46544	45816	45845	45547	45807	45571	45793	45750	45547	45521	99.435
	15	45641	45804	45906	46118	45934	45877	45708	45365	44988	46271	45919	45941	99.572
	16	45044	45225	45935	45677	45666	45011	46088	45060	45516	46121	45843	45341	99.038
	17	45550	45714	45686	45024	45678	46100	45639	45546	45575	45275	45470	45249	99.035
	18	45278	45448	45872	45691	45421	45990	45598	45631	45644	45587	45522	45557	99.167
	19	45452	45386	44961	45634	46544	45530	46011	45601	45807	45918	45105	45742	99.249
	20	45339	45665	46243	45618	45280	45341	45779	45434	45249	45492	45384	45329	98.971
	21	45919	45707	45502	45772	44909	45357	45344	45539	45761	45193	46040	45001	98.951
	22	45530	45788	46051	44995	45603	45974	45669	45391	45484	45110	45360	45743	99.070
	23	45518	46517	45624	46096	45995	45378	45683	46190	45872	45406	45253	45776	99.542

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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	45721	45617	45866	45437	45523	45331	45899	45636	45287	45691	45629	45787	99.200	
	1	45388	45319	45301	45933	44931	45586	46059	46165	45924	45806	45657	45755	99.274	
	2	45835	45150	45560	45246	46240	45225	45315	45479	45619	45625	45719	45457	99.028	
	3	45484	46158	46096	45293	45741	46031	46173	45893	45768	45698	46020	44805	99.515	
	4	45599	45666	46181	45459	45330	45562	46326	45536	45743	45459	45861	45648	99.372	
	5	45819	45879	45148	45822	45923	45823	45541	45880	45541	45316	45438	45532	99.244	
	6	45560	46109	45215	45492	45535	44990	45959	46068	45685	44991	45414	45335	99.007	
	7	45335	46697	45400	45619	45768	45790	46313	45849	45568	46142	45487	45538	99.578	
	8	45734	46438	45623	45849	45601	45295	46068	45101	45652	45497	45801	45619	99.356	
	9	46040	46464	45667	45846	45856	45833	46113	46361	46119	45374	45772	46566	100.032	
	10	45887	45125	45410	45982	45939	45658	46270	45898	46130	45571	45366	46243	99.574	
	11	46146	45899	45411	46223	45449	45905	45354	45725	45854	45169	45518	45483	99.330	
	12	46002	45610	45756	45656	45400	45958	45921	45666	45407	45703	45474	46257	99.452	
	13	46307	45967	46433	46063	45907	46063	45515	46284	45846	45854	45687	46111	100.037	
	14	45182	45602	45926	45910	45980	46121	45412	45993	45785	45486	45793	45711	99.469	
	15	45592	45392	45687	46093	45527	45821	45110	45520	45338	45636	45431	46075	99.164	
	16	45551	46176	45399	46248	45961	45817	45510	45054	45019	45417	45427	45886	99.208	
	17	45456	45593	45615	45823	46032	45657	45760	46182	46092	45546	44968	45463	99.339	
	18	45314	45700	45942	45273	45651	45329	46270	45231	46001	45277	45471	45640	99.142	
	19	45317	45221	45550	46184	45574	45288	45670	45724	45864	45867	45492	45678	99.202	
	20	45667	45655	45966	45082	45695	46329	45693	45112	45302	45624	45080	45840	99.132	
	21	45722	45972	45837	45486	45385	45884	45528	45798	46199	45517	45064	45545	99.294	
	22	45377	46237	45972	45663	46048	45796	45975	45548	45941	45572	45650	45292	99.499	
	23	45463	45841	46015	45199	45162	45690	45230	45477	45379	45442	45973	46101	99.119	
18	0	45905	44963	45230	45229	45677	45568	45167	45684	45309	45434	45646	45410	98.803	
	1	45706	45022	45559	45417	45138	45993	45871	45568	45517	45437	45452	45898	99.048	
	2	45871	45370	45506	46007	45388	45600	45535	45380	45460	45630	46363	45987	99.323	
	3	46265	45769	46134	45966	45364	45808	45338	45340	45632	45718	46099	45602	99.493	
	4	46037	45320	45450	45275	45546	45782	45916	45361	45445	46016	45707	45703	99.226	
	5	45847	45676	45755	45365	45993	45946	45479	45452	45784	45833	45989	45794	99.471	
	6	45407	46503	45490	45558	45408	45904	46294	45290	45338	46050	45717	45310	99.355	
	7	46467	45579	45705	45929	45548	45117	46005	44902	45580	45437	46305	45377	99.297	
	8	45920	45544	45450	46212	45666	46032	45815	45966	45779	45724	45615	45489	99.525	
	9	45991	46210	45394	46036	45913	45885	45269	45653	45709	46352	46082	45658	99.695	
	10	46156	46083	46155	45982	45973	45706	45989	45450	46316	46570	45799	46073	100.076	
	11	45982	46072	45825	46031	45510	45432	45714	45552	46452	46001	46060	45777	99.742	
	12	46279	46018	45759	45803	46015	46615	46037	45581	45797	45447	45741	45780	99.825	
	13	45556	45495	45534	46051	45771	45706	46388	46027	46255	45930	45938	45687	99.730	
	14	45654	45949	45596	45603	45962	46033	45939	46207	45920	45440	46123	45859	99.719	
	15	45993	46100	45872	45613	46320	45185	46180	46452	46255	45616	45859	46175	99.962	
	16	46075	45682	46147	46132	46337	46232	46298	46083	45840	46245	46032	45660	100.169	
	17	45332	45891	46213	45977	45899	46015	45978	45791	45563	45727	45758	45544	99.611	
	18	45482	45408	45396	46281	45627	45779	45584	45582	46086	46119	46132	45784	99.534	
	19	45352	45871	45682	45801	46089	45998	45512	45285	45474	45461	45636	45862	99.310	
	20	45841	45341	45837	45497	45949	44803	45473	46076	46127	45791	45699	45440	99.283	
	21	45934	45369	45374	45811	45648	46343	45833	45312	46437	45285	45744	45330	99.381	
	22	46134	45752	45611	45396	45845	45559	46284	45760	45172	45316	45085	46066	99.302	
	23	45674	46287	45763	45521	45227	45529	45548	45613	45522	45551	45178	45592	99.125	

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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	45760	45609	46067	45687	45745	45319	45457	45730	46195	44727	45035	45239	99.044
	1	45344	45284	45481	45756	45753	45385	45196	45276	45938	45817	45359	45660	98.988
	2	45586	45664	46106	45787	45405	45142	45811	45395	45865	45699	45612	45761	99.275
	3	46072	44810	45411	45510	45277	45570	45665	45667	46005	45171	44767	45339	98.810
	4	45184	45849	45511	45630	45515	45275	45386	45400	45625	45285	45301	45661	98.875
	5	46049	45434	45076	45267	45310	45274	45108	44908	45970	45181	45901	45657	98.786
	6	45783	45329	45700	44759	45672	44989	45462	45388	45860	45478	45060	46013	98.851
	7	45681	45624	45812	45965	45525	45767	45930	45291	45380	45808	45542	46401	99.437
	8	45610	46260	45792	45644	46344	45197	45298	45803	45699	45366	45873	45932	99.453
	9	45049	45780	45495	45359	45620	45929	46143	45105	45494	46217	45888	45597	99.247
	10	45695	45390	45432	45307	45707	45651	45625	46485	46140	45178	46083	45505	99.342
	11	45867	46024	45283	45598	45097	45817	46440	45587	46560	45644	45622	45275	99.453
	12	46245	46446	45714	46248	45576	45967	46044	45695	45814	46422	45415	45800	99.919
	13	46217	45695	46139	45294	45786	45535	45736	45897	45730	46085	45852	45706	99.608
	14	45862	46051	45576	45826	46382	45884	46164	46151	45767	46206	45845	45463	99.881
	15	45578	45662	45766	45557	45580	46076	45795	45373	45134	45733	45836	45470	99.226
	16	46067	45917	45796	45042	45697	45088	45414	45759	45196	45679	45530	45355	99.041
	17	45238	45144	46402	45838	45799	45777	45575	45539	45916	45958	44805	46199	99.340
	18	45952	46059	45751	45342	46166	45239	44968	45792	45755	45095	45832	45296	99.169
	19	45478	45518	45802	45797	45729	46104	45238	45308	45274	46036	45012	45511	99.089
	20	45237	46029	45693	45389	45511	45775	45943	45140	46133	45627	45464	46052	99.304
	21	45323	45386	45568	45431	45974	44821	45123	45888	45154	44887	45428	45853	98.732
	22	45634	45200	46148	45747	45800	45541	45396	45799	45571	45348	45880	45569	99.239
	23	45020	45582	45232	45383	46074	45283	45128	45399	45761	45022	45234	45352	98.666
20	0	45405	45486	45287	45405	45415	45030	45107	45166	45642	45533	45897	45816	98.794
	1	45389	45474	45433	45964	44906	46066	45684	45848	45601	45488	45985	45687	99.220
	2	46084	45702	45709	45924	45394	45297	45331	45621	44987	45328	45893	45316	99.049
	3	44842	46148	46058	45639	45653	45216	46035	45548	45714	46136	45438	45854	99.356
	4	45584	46125	45064	45384	45598	46218	46246	45851	46293	45627	45757	46042	99.629
	5	46060	46068	45662	46139	45364	46047	45649	45313	45740	45477	46654	45804	99.664
	6	45574	45699	45244	45395	45982	45507	45603	45783	45509	46004	45677	45869	99.278
	7	45523	45886	45991	45606	45847	45667	46078	45793	46523	45813	45681	45788	99.703
	8	46018	45968	46239	46129	45739	46390	45874	46010	45895	46117	45878	45547	99.995
	9	46456	45807	45408	45254	45915	45815	45209	45361	45170	45757	46326	46163	99.422
	10	45902	45828	45580	46113	45852	45469	45289	46174	46020	45334	45855	45550	99.480
	11	45401	45277	46101	45481	45092	45864	45898	46060	45892	45683	45744	46132	99.419
	12	45341	45615	45396	45630	45586	45337	45368	45388	45327	45968	45720	46046	99.074
	13	45478	45551	45898	45456	45506	45578	46083	45964	45397	45795	46039	45440	99.339
	14	46344	45697	46141	45466	45502	45913	45764	45916	46208	45764	45561	46003	99.718
	15	45935	45622	45767	45618	44944	45898	45792	45742	45073	45548	45961	45809	99.253
	16	46145	45438	45754	46035	45576	45246	45877	45781	46035	44988	46089	45088	99.315
	17	46054	45694	45621	45645	45649	45903	46388	45636	45772	45936	45551	45652	99.577
	18	45701	45926	45401	45304	45257	45428	45870	45465	45728	46116	45774	45632	99.233
	19	45741	45233	46097	46039	45644	45997	46200	46095	45930	45632	45460	45837	99.650
	20	45090	46084	45452	45311	46114	46001	45490	45362	45516	46379	46057	45668	99.400
	21	45512	45482	45888	45892	45791	45975	45738	45437	45493	45501	45030	45780	99.218
	22	46293	46345	45685	45549	45524	45616	46434	45275	45314	46081	45626	45143	99.466
	23	45032	45947	45368	45474	45406	45570	45450	44748	45928	45410	45363	45625	98.820

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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	45215	45881	45193	45566	45198	45400	45570	45856	45501	45449	45715	45847	99.017	
	1	45935	45840	45442	45443	46094	46048	45886	45620	45056	45631	45736	45769	99.396	
	2	46332	45477	45749	45343	46148	45616	45590	46415	46061	45379	46036	45471	99.599	
	3	46179	45154	45192	45906	45914	45258	45940	46013	45067	45946	46282	45778	99.419	
	4	45726	46103	45869	45145	45761	45307	45377	45345	45683	45749	44758	44853	98.884	
	5	45944	45531	45265	45277	45067	45495	45577	44443	44673	45487	45589	44983	98.460	
	6	45822	45766	45256	44674	45227	45152	45211	44712	45935	46015	45250	45452	98.666	
	7	44916	44776	45029	45272	45120	45372	45119	45345	45155	45069	46138	46069	98.468	
	8	45849	45770	45582	45404	45991	45918	46015	46055	45861	44947	45775	45047	99.344	
	9	45773	45733	45695	45505	45415	45865	45378	45263	46031	46314	45715	45457	99.331	
	10	45260	46205	45597	45096	45923	45301	45560	45421	45644	44848	45453	45544	98.916	
	11	46125	45649	45473	46000	45475	45413	45295	45862	46233	45548	45335	45430	99.276	
	12	46157	45487	45876	45873	44950	45993	45516	46037	45822	46289	45819	45489	99.542	
	13	45565	45334	45999	45212	45411	45485	45685	45031	46329	45714	45601	44790	98.971	
	14	45684	45730	45567	45187	45418	46163	45502	45323	45495	46060	45416	46012	99.225	
	15	45500	45392	45483	45531	46307	45597	45372	44966	44991	45367	45333	45527	98.829	
	16	45459	45627	45694	46062	45676	46030	45564	45302	44970	46140	45551	45884	99.298	
	17	45427	45400	44854	46093	44924	46169	45488	46241	45241	45692	45389	44954	98.920	
	18	45660	45448	45497	45317	46007	45554	46331	45821	46029	45480	45203	45039	99.194	
	19	46231	45600	46248	45360	45630	45506	46055	45234	45672	44854	45766	45714	99.282	
	20	45682	45297	45458	45836	45427	45495	45451	45909	45631	45797	45847	45651	99.211	
	21	45269	45843	45477	45229	45611	45492	45407	45725	45178	45009	45842	45496	98.867	
	22	45652	45405	45549	45829	46028	45420	45499	45513	45516	45175	45417	45061	98.955	
	23	45747	45170	45726	45257	45089	45638	45156	45696	45947	45904	45891	45895	99.145	
22	0	45457	45919	45028	45558	45253	46165	45735	45407	45602	44942	45045	45646	98.905	
	1	44488	45115	45515	45158	45566	44781	45742	45335	45274	45248	44982	44830	98.224	
	2	45233	45693	45374	45681	45842	45236	45128	45261	45144	45813	45574	46133	98.964	
	3	45232	45486	45255	45530	45401	44832	45560	45141	45747	45628	45285	45360	98.663	
	4	45452	45420	45705	45961	45703	45236	45490	45263	45636	45086	45215	45286	98.844	
	5	45002	45468	45484	44687	45599	45504	45817	45305	45271	45946	45303	45862	98.807	
	6	45393	46193	45486	45235	45835	45251	45305	45871	45240	45911	45311	45364	99.015	
	7	45877	45074	45184	45487	44969	45567	45696	45596	46014	45055	45692	45637	98.915	
	8	45419	45497	45316	45173	45047	45415	45406	45656	45813	45516	46106	45590	98.934	
	9	45632	45338	44758	45331	45450	45865	45387	45672	45690	45403	45675	45726	98.930	
	10	45274	45551	45305	45787	45571	45349	45444	45438	45329	45727	45083	45783	98.878	
	11	44979	45776	46074	45300	45138	45503	45473	45775	46028	45760	45822	45222	99.097	
	12	45490	45016	45403	46262	45858	45471	45878	45517	45487	45715	45100	45303	99.034	
	13	45375	45242	44723	45476	45111	45370	45755	46334	45603	45735	45952	45689	99.009	
	14	45592	45537	45140	45733	45627	46087	45114	45274	45186	45472	45298	45224	98.813	
	15	45702	46010	45622	45489	46116	45525	44994	45867	45893	45317	45973	45310	99.272	
	16	46297	45982	45387	45418	45433	46069	45237	45334	45396	45789	44640	45816	99.088	
	17	45660	45148	46049	46068	46044	45620	46006	45420	45788	45854	45383	45439	99.392	
	18	45652	45577	45658	45357	45573	45216	45956	45944	45767	45322	45629	45697	99.187	
	19	45774	45339	45274	45390	45172	46023	45334	45384	45254	45739	46114	45360	98.972	
	20	45640	45482	46151	45686	45393	45801	45291	45201	45226	46094	44997	45445	99.017	
	21	45705	45353	45048	45853	45423	45538	45290	46388	45414	46002	45767	44946	99.075	
	22	46074	44869	45830	45243	45234	45697	44897	45636	45468	45477	45669	45214	98.817	
	23	45035	45142	45967	45648	45734	45712	45559	45750	45537	45600	45947	45659	99.177	

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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	45311	45366	45675	45328	45385	45156	45611	45813	45719	45602	45175	45916	98.954
	1	45857	45031	45138	45143	45914	45595	45878	45196	45740	45393	45032	45800	98.891
	2	45100	45418	45725	45722	45531	46199	45603	45652	44891	46196	45789	46079	99.288
	3	45500	45626	45450	44986	45046	45225	45594	45096	45391	44984	45154	45111	98.429
	4	45085	45007	45363	45573	44662	45287	45109	45196	44942	45092	45555	45164	98.224
	5	45377	45165	45416	45055	45239	45034	45536	45188	45684	45588	45145	45571	98.580
	6	45021	45844	45832	45792	45783	45529	45238	45732	45596	45754	45162	45702	99.122
	7	45504	45501	45591	45646	45638	45934	45307	45499	45711	46019	45954	45885	99.339
	8	46069	45799	45649	45521	45609	45511	45341	45147	45817	45975	45732	46129	99.360
	9	45752	45577	45625	45249	45827	45907	45650	45416	45590	45682	45311	45992	99.229
	10	45631	45721	45128	45739	45321	45718	46068	45784	44779	45772	45921	45332	99.109
	11	45182	45931	45555	45560	45408	45717	45044	44978	45508	45822	46019	45782	99.035
	12	45745	45508	45752	45893	45899	45427	45367	44986	45587	45227	45974	45341	99.071
	13	45748	45965	45809	45315	45493	45532	44885	45329	45467	45713	45852	45672	99.085
	14	45073	45271	45082	46130	45781	45319	45667	45559	45134	44906	45518	44731	98.612
	15	44916	45779	45190	45721	45704	45503	45048	45505	46088	45983	45073	45387	98.924
	16	45632	45947	45641	45358	44940	45093	45397	45443	44703	45877	45250	46278	98.863
	17	45772	45721	45483	45506	45319	45266	45218	45785	45757	46102	45287	45479	99.069
	18	45267	45029	45480	45009	45140	45714	45355	45267	45210	45689	46103	45561	98.730
	19	46241	45874	46146	45111	45949	45344	45441	45935	46121	45803	45487	45200	99.424
	20	45433	45718	45787	45354	46045	45620	45741	45836	45535	46064	45301	46108	99.403
	21	46228	45385	45479	45160	45066	45768	45855	46004	45912	45487	45496	45558	99.196
	22	45457	45942	45344	45959	45640	46078	45824	45977	45527	46359	45373	46346	99.636
	23	46695	45370	45794	45522	46043	46215	46063	45832	46012	45358	45954	45798	99.787
24	0	45487	46405	45585	45652	46564	45605	46180	45357	46192	45485	45525	45559	99.594
	1	46197	45655	46082	45237	45228	46122	45986	45833	45844	46230	45541	46043	99.668
	2	45941	45746	46695	45959	45623	45440	45802	45710	46392	46063	45711	45363	99.748
	3	45656	45825	45426	45828	45202	45619	44931	44965	45089	44727	45110	44795	98.431
	4	45398	44796	44241	44917	44448	45045	44826	45055	44992	45669	44810	44727	97.661
	5	45027	44970	44729	44980	46030	44589	45042	44704	45536	44641	45183	44098	97.770
	6	44794	45585	45715	45168	45151	44840	45242	45631	45543	45688	45112	45728	98.616
	7	44983	45022	45028	44717	45252	45288	45727	46117	45532	45606	45686	45493	98.662
	8	45604	45288	45960	44796	45894	45679	46448	45282	45449	45900	45376	45769	99.205
	9	45099	45441	45293	45424	45534	45245	45416	45323	45406	45976	45421	45567	98.788
	10	46002	45819	45909	45236	44938	45602	45435	44656	45068	45479	45300	45099	98.678
	11	45590	45232	45082	45698	45496	45345	45751	45042	45415	45125	44961	44789	98.494
	12	45142	45001	45406	44648	45340	44590	45012	44709	46033	45274	45042	45621	98.185
	13	45060	45110	44848	44732	44878	44408	44846	45173	44550	44239	45002	45121	97.487
	14	44895	45265	44826	44999	44270	45465	44807	44536	45441	44673	45393	44201	97.633
	15	45104	44365	45160	45179	45171	45045	44809	45170	44587	45020	45137	45109	97.830
	16	44698	44790	45057	45389	44987	44751	45343	45025	45576	45417	44438	45261	97.988
	17	44615	44829	44526	44523	44726	44915	44563	44680	44618	44543	44640	44967	97.157
	18	44674	44444	44835	44452	44729	44340	44900	44807	45025	44674	44688	44613	97.164
	19	44688	44829	44464	44417	44557	44688	44235	44327	44164	44260	43968	44672	96.636
	20	44656	44510	44438	44325	44625	44834	45080	44655	43984	44684	44601	45155	97.049
	21	44677	44609	44502	44164	44040	44213	44411	44832	44854	43921	44980	44581	96.729
	22	44026	44513	44485	44747	44352	43983	43980	45355	45168	44936	44779	44417	96.903
	23	45146	43980	44763	44341	43768	44857	44915	44553	45177	44313	43965	45197	96.945

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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	44848	44199	44853	44751	43608	44488	44010	44502	44735	44453	44653	44642	96.720
	1	45273	44671	44536	44136	45301	44757	44478	43700	44948	44368	44950	43528	96.885
	2	44452	44405	44471	44643	44566	44544	44707	44676	44433	45391	44046	44086	96.844
	3	44460	44007	45076	44298	44385	44548	44981	44840	44906	44848	44932	44515	97.094
	4	44624	44912	44390	44584	44687	44668	44598	44469	45144	45034	44947	44862	97.297
	5	44150	44082	44165	44275	45044	44909	44424	43852	44059	44956	44655	44248	96.554
	6	44190	44449	44925	44193	44341	44371	44153	44604	44370	44653	44973	45166	96.839
	7	44657	44782	44609	43865	44137	44844	44272	44307	44920	44679	44671	44286	96.774
	8	44748	44781	44247	44303	44046	44512	44899	44506	44404	44158	44516	44238	96.652
	9	44618	44498	44967	44356	44736	45294	44585	44290	44100	44664	44229	44432	96.907
	10	44548	44463	44693	44257	44792	45308	44446	45144	44871	44718	44962	44856	97.323
	11	44890	44679	44426	44340	44380	44251	44940	44575	44986	44426	44496	44617	96.951
	12	45340	44553	45184	44080	44130	43992	44946	44291	44254	44005	44406	44027	96.624
	13	44821	44316	44428	43888	44295	44890	44726	44973	44568	44424	45006	44299	96.883
	14	44452	43978	44582	44665	44644	44344	44848	44485	44902	45136	44347	44214	96.877
	15	44199	44647	44579	45088	44681	44415	44888	44529	44832	44463	44469	44833	97.062
	16	44613	44813	44206	44714	45034	44918	44494	44814	44672	44695	44359	45434	97.270
	17	44815	45596	44280	44905	44730	44527	44640	44694	44586	44231	44232	44861	97.149
	18	44609	44806	44485	45278	44707	44032	44764	44398	44397	44469	45022	44938	97.114
	19	44210	44721	43830	44917	44479	44684	44876	44156	44311	44656	44878	44459	96.800
	20	44424	45047	44876	44712	44350	44887	44584	44542	44869	44549	44497	44855	97.166
	21	44452	44294	44570	45041	44254	44396	44831	45012	45113	44718	44620	44491	97.093
	22	44730	44723	44601	44872	45108	44904	44848	44898	44701	44575	44926	44594	97.399
	23	44733	44356	44649	44930	44564	45497	44234	44550	44603	45039	45126	45168	97.394
26	0	44844	44671	45787	44434	44051	45270	44714	44764	45201	46068	45101	45132	97.862
	1	45469	44849	45093	44438	44920	45444	44692	45121	45309	44404	45214	45081	97.862
	2	45008	44114	45198	44906	44923	44683	44659	44811	45036	45199	44032	44664	97.354
	3	44653	44849	43989	45153	44725	45102	44819	45027	44410	45075	44545	44705	97.322
	4	44043	44034	45112	44959	44442	44833	44488	45213	44907	44984	44822	45250	97.328
	5	44374	44674	44768	44978	44609	44699	44222	44764	45079	44706	44378	44596	97.103
	6	44135	44961	44325	44740	44652	44831	44199	44701	44867	45186	45088	44705	97.201
	7	44446	44609	44240	44466	44754	44800	45145	45291	44539	44474	44508	44656	97.118
	8	45079	44892	44846	45068	45203	44917	44466	44882	44548	45120	44503	44818	97.555
	9	44447	45099	45267	45257	44823	44271	45394	44880	44740	44807	44825	44689	97.584
	10	45192	44424	44656	44754	44962	44950	44807	44617	44615	44825	44330	44288	97.207
	11	44915	45005	45175	44539	44712	45183	44847	44822	45073	45176	44967	44347	97.631
	12	45168	45055	45283	44508	44588	45335	44665	45062	45198	45092	45128	45202	97.907
	13	44978	45380	44377	46050	44678	44948	44753	45206	45215	44921	44638	44750	97.836
	14	44899	45441	45330	45298	44771	45317	45381	45355	45608	44794	45023	44375	98.144
	15	45339	45188	44587	44353	45316	44523	44971	44748	45183	45267	44892	44652	97.678
	16	45007	44805	45108	43988	44391	44620	44833	44820	44755	45155	44881	44823	97.346
	17	45407	45317	45206	45273	44714	45041	44654	44962	45101	44745	45028	44179	97.788
	18	44880	45417	44875	44914	45405	44805	44249	44406	44799	44687	44648	45505	97.600
	19	44894	44421	45306	44639	44106	44687	44721	44856	45384	44682	44946	45133	97.453
	20	44833	44815	45508	45202	45001	44924	44540	45012	44708	44598	44256	44772	97.524
	21	44577	44878	44658	44767	44421	44210	43657	44661	45327	44664	44793	44569	96.982
	22	44056	44975	44855	44447	44818	43897	45127	44816	43965	43882	44779	45512	96.973
	23	44678	45231	44564	44513	44643	44027	45152	44409	44403	44442	44618	44824	97.041

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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	44782	44331	45408	44627	45273	44151	44268	44507	44718	44205	44843	44810	97.106
	1	45163	44735	44736	44916	44919	45333	45287	44314	44444	45036	44698	45112	97.619
	2	44698	44819	44905	44970	44745	45515	44973	44615	44384	45158	44851	45255	97.655
	3	44886	45088	45269	44620	45027	45232	44972	44894	44483	45591	45314	45090	97.940
	4	45487	45040	44913	44748	44816	45406	45167	45145	44579	44385	44869	45046	97.783
	5	45278	44388	44967	45780	44802	44916	44627	44655	45090	44743	44328	44215	97.455
	6	45152	45193	44964	44361	44968	44774	45154	45071	45069	44609	44674	44753	97.628
	7	44988	44442	44865	45005	45306	44761	45003	44744	44445	44905	44425	44988	97.471
	8	44999	45455	44886	44449	44929	44430	44811	45298	44875	44775	44705	44632	97.538
	9	44863	44650	45319	44673	44784	44819	45298	44893	44770	44700	44084	44629	97.399
	10	45308	44602	45517	44167	44733	44891	45333	45494	44798	44135	44724	44611	97.550
	11	44690	44155	44751	44216	45383	44886	44704	44878	45404	44534	45227	44555	97.382
	12	44773	44959	44677	44849	45039	45022	44681	44915	44189	44908	43978	44796	97.273
	13	44570	44341	44585	44080	45149	44327	44545	45625	44795	45223	44768	45473	97.400
	14	44999	44859	45410	44665	44511	44695	45100	44329	45288	45193	45258	44884	97.709
	15	44905	44868	44842	44995	44805	45244	45200	45147	44726	45533	45183	44473	97.842
	16	44646	44611	44849	44624	44663	45287	45001	44499	44993	45320	44834	45090	97.569
	17	44515	44257	44528	44518	44309	45039	44548	44613	44953	44562	45180	45286	97.187
	18	45078	45456	44614	44892	44798	44839	45512	44548	45042	45273	45150	44581	97.817
	19	44651	45409	44853	44795	45232	44609	45374	44451	45391	44579	44756	45508	97.785
	20	44968	45012	45208	45376	45176	44711	45184	44704	44704	44916	45058	44691	97.803
	21	45013	45351	44889	44875	45243	44878	45480	44897	45303	45333	44939	44846	98.045
	22	45565	45426	45521	45195	44290	45471	44973	44975	44762	44598	45208	45545	98.132
	23	45104	44963	44742	45306	45009	45239	45290	44856	45154	45369	45541	45400	98.214
28	0	45452	45565	44670	45094	44988	45460	45314	45420	45000	45251	44754	45624	98.313
	1	45202	45201	44117	44821	44958	45464	44903	45366	45053	45092	45072	44816	97.868
	2	45499	44854	44893	45222	44835	45474	45065	45391	45276	45054	44493	45425	98.124
	3	44479	45194	44795	44683	45353	45220	45087	45461	45210	45118	45379	44878	98.012
	4	45255	44731	44949	45427	45127	45089	45310	45026	45180	44790	45488	44774	98.064
	5	44946	45595	45149	44701	44703	45458	44999	45666	45113	45591	45100	45207	98.261
	6	45114	45388	44761	44870	45281	44807	45425	45350	44987	44760	45663	45147	98.138
	7	44897	45604	45521	44608	44703	44508	45343	45392	45451	45272	44750	44726	97.996
	8	45307	44511	45513	45014	45473	45492	45469	45129	44714	44422	44876	44977	98.018
	9	45502	45154	44915	45085	45200	45035	44761	45009	45011	44799	45198	45150	98.004
	10	45641	45245	45738	44792	44790	44884	44892	45154	45749	44790	45614	45276	98.321
	11	44710	45014	45659	45715	45317	45930	45874	44913	44922	45180	45308	45178	98.530
	12	45238	45670	45408	44565	45048	45161	45269	44466	45348	45228	45036	44433	98.013
	13	44821	44959	45598	44703	45251	45096	45319	45584	44845	44937	45411	45284	98.183
	14	45160	45191	45063	44560	44591	45266	44874	44776	45458	45004	45501	44328	97.814
	15	45535	44985	45065	45161	44993	44819	45437	44777	45217	44869	44778	44799	97.935
	16	45195	44425	44718	44815	45104	45122	45277	45100	45190	45316	45653	45189	98.056
	17	44728	45017	45124	45086	44857	44659	44865	45046	44914	45541	44794	45294	97.842
	18	44915	45006	45023	45344	44853	44796	45336	44858	45125	45187	44702	44487	97.789
	19	45318	45110	44996	44918	45355	45761	45206	45663	45559	45596	44331	44826	98.334
	20	44873	45538	44652	44769	45105	45211	44724	44677	45376	45121	44968	45645	97.975
	21	44922	45547	45474	45286	45495	45204	45221	45119	44857	45301	44868	45448	98.353
	22	45699	45321	45263	45326	44802	45278	45037	44778	45598	45187	44885	44965	98.243
	23	45121	45837	44485	44490	44471	45572	44515	45348	45386	44979	45308	45862	98.105

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – November 2012										20 NM-64
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
29	0	45218	44913	45978	44880	45371	44752	45093	45554	44945	45551	45293	44809	98.279
	1	45232	45643	45189	44736	45422	45234	45024	45368	44711	45408	44962	45246	98.250
	2	45030	44923	45056	44902	45338	45311	45633	45214	45286	45419	45219	45144	98.305
	3	44967	45025	44917	44873	45629	44818	45244	45371	45030	45698	45451	44852	98.196
	4	45005	45063	45563	45304	44882	45538	45625	45097	44873	45130	45174	44945	98.254
	5	44763	45499	45531	44738	44921	45329	45429	44845	44645	45563	45137	44951	98.101
	6	45027	45153	45360	45309	44783	45303	45406	44365	45247	45683	45200	45313	98.245
	7	45072	45089	45289	45561	45504	44834	45027	44885	45168	44993	44923	45388	98.169
	8	44950	45328	45063	44894	45483	45363	45539	45630	45196	44963	44690	45312	98.293
	9	45830	45309	45457	44901	45039	45261	45190	45262	44945	45217	44497	45391	98.273
	10	45426	45138	45533	44963	44934	45254	44915	45342	45047	45184	45239	44865	98.189
	11	45340	44543	44911	45772	45197	44985	45527	45075	44593	45206	45162	45037	98.100
	12	45150	45412	44826	45044	45105	44744	45707	45718	44942	45293	45200	45090	98.261
	13	44981	45400	45364	44675	44570	45044	45068	45443	45059	44639	45178	45516	98.026
	14	45094	45325	44938	45015	45424	45234	45645	45142	45228	45295	45384	44920	98.335
	15	45486	45508	44916	44780	45270	44707	44695	44767	45454	44992	44652	45450	97.978
	16	45012	45228	44621	45234	45142	44320	45379	45184	45240	45031	45436	44963	97.999
	17	45389	44571	45346	44768	45056	45051	45201	44977	45061	45275	45769	44852	98.094
	18	44638	44943	45499	45186	45232	45152	44965	45383	45749	44621	45071	45245	98.161
	19	45325	45464	46005	44990	44495	45552	45319	45113	45166	44770	45287	45154	98.334
	20	45063	45263	45326	45921	45480	44783	45067	45397	45042	45663	45555	45341	98.563
	21	45733	45548	45600	45725	44790	44993	45136	45149	45527	44982	45023	44893	98.418
	22	45278	44981	44985	45679	44989	45139	45627	45347	45166	45198	45264	45421	98.413
	23	45282	44971	45550	45802	45264	45086	45606	44944	45858	45260	46142	45141	98.744
30	0	45431	45095	45531	46336	45810	45577	44904	45324	45624	45455	45450	45366	98.929
	1	45983	45725	45466	45302	45875	45341	45535	45425	45395	45375	45651	45356	99.021
	2	45223	45126	45157	45298	45292	45145	45201	45856	45680	45424	44706	45029	98.424
	3	45686	44878	45463	44987	45312	45491	45966	45832	44639	45229	45623	45527	98.695
	4	45520	45128	45649	44828	45022	45256	45505	44797	45162	45025	45510	45435	98.370
	5	45234	45172	45168	46190	45440	44667	44580	45285	45461	45353	45638	45083	98.449
	6	45538	45225	44574	44915	44938	45056	45201	45393	44711	45583	45039	44993	98.067
	7	45609	45185	45553	45233	45156	46207	45324	45423	44873	45189	45774	45428	98.754
	8	45322	45088	45470	45006	45535	45342	45335	45268	45107	45430	45020	45319	98.444
	9	45213	45434	45538	45542	45760	45259	45334	45056	44850	44642	45401	45064	98.417
	10	45204	45145	45284	45506	44606	45956	45250	45383	44902	45221	45623	44907	98.397
	11	45576	44976	45485	45252	45435	45581	45503	45669	45339	45623	45454	45295	98.796
	12	45801	44688	45270	45531	45445	45456	46108	45526	45523	45361	45138	45292	98.787
	13	45556	44898	44393	44890	45365	45564	45444	45198	45760	45610	45125	44956	98.355
	14	45219	45596	45153	45301	45164	45646	44902	45688	45191	45216	45322	45531	98.568
	15	45106	45844	45522	45264	45130	45272	45204	45785	45464	44850	44883	44927	98.445
	16	45259	44750	45701	44961	45516	45702	45283	44702	45057	44970	45701	45144	98.354
	17	45153	45234	45569	45061	45691	45479	45145	45528	45080	44972	45394	45105	98.474
	18	44534	45126	45868	45432	45405	45156	44790	45699	45676	45533	45390	45565	98.612
	19	45647	45139	45819	45093	45243	44933	45372	45901	44898	45485	45483	44900	98.565
	20	45034	45772	45425	45068	45326	45231	45617	45187	45310	44832	45540	45422	98.537
	21	45247	45067	45070	45905	45416	45113	45420	45614	45299	45274	45209	45187	98.548
	22	45396	45444	45513	44751	44919	45277	45390	45827	45617	44869	45853	45842	98.706
	23	45576	45678	45152	45173	45228	46287	45840	45163	44965	44978	45801	44983	98.730

S.V.I.R.CO. Observatory - Pressure in hectoPascal – November 2012

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	990.68	990.63	990.55	990.48	990.36	990.24	990.20	990.14	990.13	990.19	990.22	990.22	990.32
	1	990.22	990.13	990.02	990.05	990.14	990.22	990.19	990.20	990.32	990.39	990.51	990.61	990.25
	2	990.57	990.59	990.68	990.72	990.71	990.67	990.73	990.82	990.77	990.79	990.90	990.99	990.74
	3	991.06	991.13	991.19	991.24	991.29	991.32	991.47	991.63	991.73	991.89	992.09	992.21	991.52
	4	992.31	992.45	992.54	992.59	992.61	992.67	992.73	992.78	992.82	992.85	992.96	993.09	992.70
	5	993.21	993.40	993.56	993.60	993.65	993.77	993.89	993.99	994.20	994.50	994.69	994.81	993.94
	6	994.97	995.20	995.46	995.64	995.81	995.96	996.07	996.20	996.27	996.37	996.56	996.74	995.93
	7	996.85	996.96	997.14	997.24	997.26	997.36	997.52	997.68	997.79	997.86	997.88	997.87	997.45
	8	997.90	997.92	997.94	998.02	998.09	998.14	998.18	998.25	998.38	998.48	998.54	998.57	998.20
	9	998.61	998.66	998.75	998.84	998.92	998.95	998.98	999.07	999.17	999.27	999.37	999.46	999.00
	10	999.54	999.56	999.58	999.64	999.68	999.67	999.64	999.65	999.73	999.78	999.78	999.74	999.66
	11	999.76	999.82	999.82	999.80	999.78	999.78	999.79	999.83	999.89	999.97	1000.04	1000.04	999.86
	12	1000.05	1000.08	1000.03	1000.02	1000.15	1000.27	1000.23	1000.12	1000.13	1000.26	1000.40	1000.46	1000.18
	13	1000.45	1000.43	1000.46	1000.56	1000.67	1000.72	1000.74	1000.77	1000.80	1000.82	1000.89	1000.96	1000.69
	14	1000.96	1000.98	1001.02	1001.02	1001.00	1000.97	1001.00	1001.08	1001.10	1001.15	1001.22	1001.26	1001.06
	15	1001.26	1001.26	1001.30	1001.36	1001.41	1001.41	1001.42	1001.46	1001.50	1001.48	1001.46	1001.48	1001.40
	16	1001.50	1001.52	1001.52	1001.51	1001.51	1001.53	1001.57	1001.68	1001.82	1001.90	1001.93	1001.98	1001.66
	17	1002.07	1002.13	1002.14	1002.13	1002.17	1002.24	1002.26	1002.31	1002.41	1002.51	1002.61	1002.69	1002.30
	18	1002.76	1002.78	1002.77	1002.81	1002.86	1002.90	1002.91	1002.94	1002.98	1003.01	1003.01	1003.05	1002.89
	19	1003.10	1003.11	1003.12	1003.14	1003.18	1003.29	1003.28	1003.23	1003.31	1003.40	1003.47	1003.55	1003.26
	20	1003.66	1003.77	1003.80	1003.81	1003.82	1003.82	1003.88	1003.99	1004.08	1004.12	1004.15	1004.17	1003.92
	21	1004.19	1004.24	1004.30	1004.30	1004.30	1004.33	1004.38	1004.39	1004.34	1004.33	1004.39	1004.40	1004.32
	22	1004.38	1004.43	1004.56	1004.64	1004.67	1004.73	1004.85	1004.95	1004.97	1004.96	1005.02	1005.03	1004.76
	23	1004.95	1004.88	1004.84	1004.85	1004.90	1004.93	1004.96	1004.96	1004.98	1005.11	1005.21	1005.21	1004.98
2	0	1005.20	1005.19	1005.21	1005.30	1005.39	1005.42	1005.43	1005.46	1005.54	1005.65	1005.77	1005.83	1005.46
	1	1005.84	1005.86	1005.87	1005.89	1005.91	1005.88	1005.82	1005.88	1005.97	1005.97	1005.92	1005.89	1005.89
	2	1005.87	1005.84	1005.81	1005.85	1005.85	1005.87	1005.89	1005.86	1005.91	1005.94	1005.92	1005.92	1005.88
	3	1005.95	1005.95	1005.99	1006.05	1006.00	1005.99	1006.06	1006.07	1006.06	1006.06	1006.07	1006.11	1006.03
	4	1006.14	1006.15	1006.22	1006.30	1006.32	1006.37	1006.46	1006.54	1006.60	1006.65	1006.65	1006.65	1006.42
	5	1006.68	1006.71	1006.74	1006.81	1006.90	1006.96	1006.98	1007.01	1006.99	1006.97	1007.07	1007.19	1006.92
	6	1007.30	1007.43	1007.58	1007.74	1007.83	1007.89	1007.99	1008.11	1008.20	1008.27	1008.37	1008.45	1007.93
	7	1008.50	1008.57	1008.67	1008.70	1008.72	1008.76	1008.77	1008.72	1008.65	1008.62	1008.68	1008.76	1008.67
	8	1008.80	1008.83	1008.88	1008.92	1008.96	1008.99	1009.07	1009.13	1009.16	1009.22	1009.27	1009.31	1009.04
	9	1009.34	1009.39	1009.47	1009.50	1009.52	1009.58	1009.61	1009.62	1009.65	1009.68	1009.68	1009.66	1009.56
	10	1009.63	1009.65	1009.68	1009.67	1009.65	1009.64	1009.68	1009.75	1009.82	1009.87	1009.87	1009.89	1009.73
	11	1009.89	1009.90	1009.94	1009.92	1009.91	1009.90	1009.92	1009.93	1009.92	1009.93	1009.97	1009.99	1009.92
	12	1009.96	1009.88	1009.89	1009.97	1010.01	1010.01	1010.07	1010.13	1010.21	1010.30	1010.38	1010.44	1010.10
	13	1010.49	1010.54	1010.58	1010.61	1010.63	1010.62	1010.63	1010.65	1010.67	1010.67	1010.70	1010.75	1010.63
	14	1010.76	1010.75	1010.76	1010.77	1010.79	1010.85	1010.91	1010.98	1011.07	1011.14	1011.20	1011.22	1010.93
	15	1011.20	1011.25	1011.31	1011.31	1011.32	1011.38	1011.46	1011.46	1011.44	1011.48	1011.52	1011.55	1011.39
	16	1011.60	1011.66	1011.71	1011.77	1011.83	1011.87	1011.93	1012.00	1012.08	1012.18	1012.24	1012.26	1011.93
	17	1012.26	1012.29	1012.39	1012.46	1012.47	1012.49	1012.52	1012.53	1012.58	1012.64	1012.68	1012.73	1012.50
	18	1012.78	1012.83	1012.87	1012.91	1012.98	1013.02	1013.05	1013.14	1013.23	1013.29	1013.33	1013.36	1013.06
	19	1013.35	1013.38	1013.44	1013.48	1013.52	1013.53	1013.55	1013.60	1013.66	1013.71	1013.78	1013.87	1013.57
	20	1013.96	1014.05	1014.09	1014.14	1014.19	1014.20	1014.23	1014.25	1014.31	1014.39	1014.40	1014.41	1014.22
	21	1014.46	1014.48	1014.46	1014.44	1014.41	1014.40	1014.41	1014.37	1014.32	1014.34	1014.38	1014.40	1014.40
	22	1014.42	1014.46	1014.49	1014.50	1014.53	1014.55	1014.55	1014.58	1014.59	1014.59	1014.58	1014.55	1014.53
	23	1014.54	1014.55	1014.59	1014.61	1014.66	1014.70	1014.66	1014.62	1014.63	1014.65	1014.68	1014.69	1014.63

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
3	0	1014.57	1014.63	1014.71	1014.79	1014.88	1014.93	1014.94	1015.01	1015.13	1015.14	1015.12	1015.22	1014.94
	1	1015.26	1015.21	1015.21	1015.27	1015.28	1015.22	1015.18	1015.16	1015.11	1015.04	1015.06	1015.07	1015.17
	2	1015.08	1015.09	1015.04	1015.05	1015.08	1015.05	1015.04	1015.01	1015.01	1015.03	1014.99	1015.01	1015.04
	3	1015.02	1014.99	1014.96	1014.99	1015.05	1015.07	1015.11	1015.15	1015.15	1015.14	1015.15	1015.15	1015.08
	4	1015.16	1015.15	1015.12	1015.08	1015.05	1014.98	1014.88	1014.88	1014.87	1014.79	1014.73	1014.74	1014.95
	5	1014.77	1014.82	1014.86	1014.92	1015.05	1015.16	1015.24	1015.25	1015.22	1015.17	1015.11	1015.20	1015.06
	6	1015.33	1015.40	1015.45	1015.53	1015.59	1015.63	1015.68	1015.79	1015.91	1016.04	1016.10	1016.08	1015.71
	7	1016.10	1016.17	1016.21	1016.19	1016.23	1016.32	1016.38	1016.40	1016.39	1016.37	1016.30	1016.24	1016.27
	8	1016.28	1016.32	1016.35	1016.39	1016.41	1016.48	1016.51	1016.52	1016.51	1016.52	1016.55	1016.55	1016.45
	9	1016.58	1016.64	1016.69	1016.72	1016.76	1016.78	1016.77	1016.82	1016.80	1016.81	1016.89	1016.88	1016.76
	10	1016.82	1016.81	1016.80	1016.80	1016.75	1016.67	1016.63	1016.60	1016.58	1016.56	1016.55	1016.53	1016.67
	11	1016.43	1016.38	1016.41	1016.43	1016.43	1016.43	1016.39	1016.38	1016.39	1016.36	1016.36	1016.38	1016.40
	12	1016.36	1016.26	1016.17	1016.04	1015.82	1015.81	1015.92	1015.88	1015.80	1015.75	1015.64	1015.56	1015.92
	13	1015.55	1015.52	1015.44	1015.37	1015.37	1015.37	1015.29	1015.24	1015.29	1015.36	1015.37	1015.31	1015.37
	14	1015.27	1015.29	1015.32	1015.29	1015.22	1015.15	1015.11	1015.10	1015.10	1015.07	1014.99	1014.96	1015.15
	15	1014.97	1015.00	1015.01	1015.03	1015.07	1015.09	1015.01	1014.92	1014.92	1014.98	1015.07	1015.11	1015.01
	16	1015.10	1015.10	1015.11	1015.14	1015.16	1015.14	1015.23	1015.33	1015.38	1015.42	1015.46	1015.52	1015.26
	17	1015.56	1015.55	1015.54	1015.52	1015.45	1015.41	1015.43	1015.47	1015.49	1015.51	1015.52	1015.47	1015.49
	18	1015.41	1015.36	1015.31	1015.28	1015.26	1015.26	1015.23	1015.22	1015.28	1015.29	1015.27	1015.22	1015.28
	19	1015.20	1015.22	1015.23	1015.22	1015.27	1015.32	1015.24	1015.17	1015.17	1015.12	1015.06	1015.04	1015.19
	20	1015.05	1015.04	1015.05	1015.06	1015.04	1015.08	1015.12	1015.13	1015.10	1014.99	1014.95	1015.01	1015.05
	21	1015.00	1014.98	1015.04	1015.13	1015.15	1015.10	1015.04	1014.98	1014.94	1014.94	1014.97	1015.00	1015.02
	22	1015.06	1015.12	1015.10	1015.00	1014.93	1014.96	1014.97	1014.94	1014.91	1014.89	1014.84	1014.82	1014.96
	23	1014.81	1014.74	1014.67	1014.61	1014.55	1014.48	1014.39	1014.33	1014.35	1014.36	1014.38	1014.40	1014.50
4	0	1014.33	1014.35	1014.33	1014.24	1014.18	1014.14	1014.21	1014.22	1014.13	1014.17	1014.16	1014.06	1014.20
	1	1013.98	1013.93	1013.95	1013.96	1013.92	1013.82	1013.69	1013.60	1013.49	1013.40	1013.37	1013.29	1013.70
	2	1013.21	1013.11	1013.00	1012.96	1012.93	1012.95	1012.98	1012.90	1012.83	1012.76	1012.58	1012.34	1012.88
	3	1012.23	1012.27	1012.23	1012.18	1012.17	1012.16	1012.10	1012.03	1012.01	1012.01	1011.99	1011.99	1012.11
	4	1011.99	1011.98	1011.97	1011.95	1011.95	1011.92	1011.89	1011.89	1011.91	1011.91	1011.86	1011.78	1011.91
	5	1011.78	1011.81	1011.75	1011.70	1011.68	1011.66	1011.70	1011.77	1011.80	1011.80	1011.81	1011.84	1011.76
	6	1011.85	1011.87	1011.94	1012.02	1012.08	1012.15	1012.28	1012.37	1012.46	1012.51	1012.50	1012.53	1012.21
	7	1012.55	1012.55	1012.50	1012.45	1012.50	1012.60	1012.62	1012.62	1012.66	1012.64	1012.62	1012.66	1012.58
	8	1012.69	1012.68	1012.65	1012.58	1012.50	1012.49	1012.49	1012.46	1012.46	1012.48	1012.45	1012.46	1012.53
	9	1012.43	1012.42	1012.44	1012.43	1012.45	1012.44	1012.42	1012.39	1012.30	1012.26	1012.22	1012.13	1012.36
	10	1012.09	1012.08	1011.99	1011.88	1011.79	1011.73	1011.72	1011.66	1011.57	1011.48	1011.38	1011.35	1011.72
	11	1011.33	1011.27	1011.25	1011.23	1011.15	1011.06	1010.93	1010.83	1010.83	1010.83	1010.75	1010.74	1011.02
	12	1010.78	1010.80	1010.75	1010.63	1010.53	1010.40	1010.27	1010.29	1010.29	1010.18	1010.11	1010.00	1010.42
	13	1009.91	1009.86	1009.83	1009.80	1009.79	1009.80	1009.78	1009.72	1009.60	1009.52	1009.46	1009.40	1009.70
	14	1009.31	1009.20	1009.20	1009.22	1009.20	1009.22	1009.34	1009.48	1009.60	1009.58	1009.51	1009.51	1009.36
	15	1009.52	1009.49	1009.50	1009.53	1009.50	1009.50	1009.55	1009.57	1009.54	1009.38	1009.15	1009.08	1009.44
	16	1009.11	1009.14	1009.16	1009.19	1009.24	1009.34	1009.43	1009.50	1009.53	1009.55	1009.59	1009.53	1009.36
	17	1009.43	1009.31	1009.23	1009.22	1009.12	1009.03	1009.01	1009.01	1009.07	1009.06	1009.01	1008.97	1009.12
	18	1008.93	1008.98	1009.02	1009.00	1008.99	1008.94	1008.87	1008.85	1008.76	1008.66	1008.63	1008.67	1008.86
	19	1008.62	1008.55	1008.54	1008.54	1008.51	1008.44	1008.40	1008.39	1008.36	1008.31	1008.19	1008.09	1008.41
	20	1008.06	1008.05	1008.06	1007.98	1007.84	1007.80	1007.78	1007.76	1007.73	1007.68	1007.64	1007.63	1007.83
	21	1007.59	1007.50	1007.42	1007.36	1007.31	1007.25	1007.23	1007.27	1007.29	1007.23	1007.08	1007.00	1007.29
	22	1007.04	1007.01	1006.90	1006.90	1006.93	1006.90	1006.85	1006.75	1006.67	1006.61	1006.50	1006.43	1006.79
	23	1006.36	1006.35	1006.38	1006.37	1006.43	1006.53	1006.59	1006.54	1006.50	1006.46	1006.40	1006.30	1006.43

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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	1006.14	1006.11	1006.05	1005.98	1005.91	1005.88	1005.89	1005.94	1005.94	1005.86	1005.78	1005.72	1005.92
	1	1005.70	1005.68	1005.68	1005.75	1005.78	1005.68	1005.52	1005.33	1005.08	1004.98	1005.01	1004.98	1005.43
	2	1004.90	1004.77	1004.74	1004.77	1004.74	1004.75	1004.75	1004.75	1004.81	1004.74	1004.61	1004.58	1004.74
	3	1004.59	1004.54	1004.47	1004.45	1004.41	1004.39	1004.37	1004.34	1004.35	1004.26	1004.20	1004.19	1004.38
	4	1004.13	1004.05	1003.96	1004.01	1004.04	1004.01	1004.01	1003.98	1004.05	1004.14	1004.10	1004.07	1004.04
	5	1004.05	1004.03	1004.00	1003.98	1004.02	1004.10	1004.18	1004.18	1004.18	1004.23	1004.25	1004.21	1004.11
	6	1004.24	1004.33	1004.32	1004.32	1004.36	1004.40	1004.47	1004.55	1004.59	1004.66	1004.80	1004.84	1004.49
	7	1004.83	1004.89	1004.94	1005.01	1005.06	1005.07	1005.09	1005.11	1005.22	1005.30	1005.27	1005.23	1005.08
	8	1005.15	1005.13	1005.18	1005.17	1005.08	1004.97	1004.97	1005.00	1004.97	1004.97	1004.99	1004.95	1005.04
	9	1004.91	1004.92	1004.99	1005.09	1005.08	1005.10	1005.17	1005.23	1005.34	1005.32	1005.17	1005.20	1005.12
	10	1005.29	1005.29	1005.27	1005.30	1005.35	1005.32	1005.19	1005.09	1005.14	1005.24	1005.29	1005.29	1005.25
	11	1005.31	1005.44	1005.59	1005.65	1005.71	1005.84	1005.87	1005.76	1005.70	1005.69	1005.65	1005.67	1005.65
	12	1005.77	1005.86	1005.94	1005.95	1005.95	1005.90	1005.80	1005.74	1005.71	1005.64	1005.62	1005.62	1005.79
	13	1005.62	1005.69	1005.74	1005.79	1005.89	1005.91	1005.95	1006.13	1006.26	1006.42	1006.63	1006.78	1006.06
	14	1006.88	1007.00	1007.03	1007.02	1007.15	1007.23	1007.26	1007.31	1007.38	1007.44	1007.47	1007.49	1007.22
	15	1007.51	1007.58	1007.60	1007.56	1007.58	1007.59	1007.56	1007.57	1007.55	1007.49	1007.49	1007.61	1007.55
	16	1007.72	1007.80	1007.87	1007.91	1007.93	1008.06	1008.16	1008.18	1008.27	1008.36	1008.43	1008.50	1008.10
	17	1008.55	1008.62	1008.71	1008.82	1008.87	1008.88	1008.97	1009.10	1009.14	1009.09	1009.10	1009.14	1008.91
	18	1009.18	1009.21	1009.25	1009.35	1009.46	1009.50	1009.50	1009.54	1009.62	1009.66	1009.70	1009.79	1009.48
	19	1009.90	1009.94	1009.99	1010.09	1010.08	1010.09	1010.23	1010.32	1010.38	1010.43	1010.41	1010.44	1010.19
	20	1010.45	1010.51	1010.64	1010.72	1010.78	1010.84	1010.84	1010.85	1010.84	1010.83	1010.86	1010.96	1010.76
	21	1011.08	1011.10	1011.12	1011.18	1011.21	1011.27	1011.27	1011.25	1011.29	1011.33	1011.36	1011.41	1011.24
	22	1011.46	1011.59	1011.70	1011.71	1011.69	1011.71	1011.77	1011.83	1011.88	1011.85	1011.80	1011.91	1011.74
	23	1012.06	1012.12	1012.11	1012.08	1012.09	1012.07	1012.02	1012.04	1012.01	1011.95	1011.96	1011.99	1012.04
6	0	1012.06	1012.07	1012.13	1012.24	1012.26	1012.25	1012.28	1012.25	1012.21	1012.20	1012.20	1012.21	1012.20
	1	1012.30	1012.39	1012.36	1012.30	1012.23	1012.17	1012.12	1011.98	1011.89	1011.89	1011.96	1012.10	1012.14
	2	1012.21	1012.23	1012.24	1012.24	1012.24	1012.22	1012.08	1012.00	1012.12	1012.29	1012.30	1012.21	1012.20
	3	1012.18	1012.18	1012.25	1012.38	1012.47	1012.53	1012.52	1012.52	1012.60	1012.64	1012.70	1012.80	1012.48
	4	1012.78	1012.79	1012.85	1012.85	1012.82	1012.88	1012.95	1013.01	1013.08	1013.03	1012.90	1012.94	1012.90
	5	1013.02	1012.99	1013.08	1013.14	1013.05	1012.98	1013.04	1013.24	1013.35	1013.45	1013.59	1013.62	1013.21
	6	1013.63	1013.65	1013.69	1013.83	1013.97	1013.98	1013.97	1014.05	1014.09	1014.04	1014.15	1014.28	1013.94
	7	1014.30	1014.40	1014.48	1014.51	1014.57	1014.53	1014.51	1014.57	1014.66	1014.73	1014.70	1014.61	1014.54
	8	1014.59	1014.52	1014.41	1014.42	1014.45	1014.53	1014.64	1014.67	1014.60	1014.63	1014.74	1014.79	1014.58
	9	1014.75	1014.68	1014.66	1014.73	1014.80	1014.79	1014.80	1014.80	1014.74	1014.70	1014.61	1014.54	1014.71
	10	1014.57	1014.58	1014.58	1014.57	1014.55	1014.53	1014.53	1014.51	1014.51	1014.48	1014.41	1014.28	1014.51
	11	1014.15	1014.06	1014.03	1014.07	1014.08	1014.06	1014.11	1014.14	1014.14	1014.08	1014.05	1014.13	1014.09
	12	1014.16	1014.13	1014.15	1014.20	1014.26	1014.29	1014.29	1014.30	1014.30	1014.30	1014.27	1014.30	1014.24
	13	1014.39	1014.39	1014.36	1014.33	1014.34	1014.34	1014.29	1014.26	1014.30	1014.35	1014.49	1014.64	1014.37
	14	1014.70	1014.77	1014.74	1014.65	1014.63	1014.69	1014.73	1014.76	1014.80	1014.75	1014.70	1014.63	1014.71
	15	1014.59	1014.63	1014.68	1014.70	1014.68	1014.73	1014.74	1014.61	1014.55	1014.62	1014.68	1014.77	1014.66
	16	1014.85	1014.80	1014.75	1014.76	1014.81	1014.91	1014.92	1014.96	1015.05	1015.09	1015.17	1015.29	1014.95
	17	1015.44	1015.61	1015.68	1015.71	1015.74	1015.78	1015.82	1015.91	1016.00	1016.01	1016.06	1016.25	1015.83
	18	1016.41	1016.32	1016.15	1016.19	1016.22	1016.15	1016.16	1016.29	1016.35	1016.32	1016.44	1016.52	1016.29
	19	1016.51	1016.44	1016.58	1016.76	1016.64	1016.43	1016.51	1016.53	1016.36	1016.44	1016.66	1016.83	1016.55
	20	1016.90	1016.94	1017.01	1017.03	1016.98	1016.94	1016.96	1016.87	1016.76	1016.83	1017.00	1017.09	1016.94
	21	1017.10	1017.06	1016.98	1017.02	1017.10	1017.08	1017.00	1016.96	1016.92	1016.95	1016.95	1016.94	1017.00
	22	1016.97	1016.97	1017.00	1017.08	1017.13	1017.10	1017.06	1017.05	1017.09	1017.17	1017.25	1017.32	1017.10
	23	1017.32	1017.29	1017.34	1017.37	1017.32	1017.28	1017.32	1017.38	1017.41	1017.41	1017.42	1017.42	1017.36

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
7	0	1017.36	1017.39	1017.44	1017.50	1017.56	1017.56	1017.54	1017.53	1017.53	1017.54	1017.59	1017.62	1017.52
	1	1017.58	1017.55	1017.56	1017.60	1017.66	1017.74	1017.77	1017.80	1017.88	1017.91	1017.90	1017.82	1017.73
	2	1017.75	1017.69	1017.63	1017.61	1017.58	1017.53	1017.56	1017.64	1017.69	1017.70	1017.72	1017.76	1017.65
	3	1017.82	1017.87	1017.96	1018.08	1018.16	1018.18	1018.17	1018.17	1018.21	1018.26	1018.26	1018.20	1018.11
	4	1018.18	1018.22	1018.26	1018.30	1018.33	1018.39	1018.42	1018.39	1018.36	1018.35	1018.39	1018.41	1018.33
	5	1018.40	1018.39	1018.44	1018.56	1018.67	1018.73	1018.75	1018.75	1018.88	1019.01	1019.09	1019.12	1018.73
	6	1019.12	1019.19	1019.29	1019.39	1019.50	1019.60	1019.68	1019.75	1019.82	1019.87	1019.95	1020.08	1019.60
	7	1020.22	1020.30	1020.24	1020.23	1020.39	1020.54	1020.61	1020.70	1020.75	1020.81	1020.89	1020.97	1020.55
	8	1021.06	1021.16	1021.24	1021.28	1021.25	1021.27	1021.31	1021.31	1021.33	1021.35	1021.37	1021.39	1021.27
	9	1021.45	1021.51	1021.52	1021.51	1021.54	1021.58	1021.56	1021.53	1021.52	1021.49	1021.46	1021.46	1021.51
	10	1021.45	1021.42	1021.40	1021.38	1021.35	1021.33	1021.34	1021.33	1021.33	1021.32	1021.30	1021.25	1021.35
	11	1021.20	1021.19	1021.14	1021.09	1021.06	1021.04	1021.00	1021.03	1021.05	1021.03	1021.02	1021.01	1021.07
	12	1021.01	1020.96	1020.95	1020.98	1021.00	1021.01	1021.04	1021.07	1021.08	1021.08	1021.07	1021.08	1021.03
	13	1021.10	1021.14	1021.18	1021.18	1021.21	1021.25	1021.28	1021.34	1021.37	1021.42	1021.52	1021.57	1021.29
	14	1021.58	1021.62	1021.68	1021.74	1021.77	1021.80	1021.85	1021.88	1021.89	1021.89	1021.88	1021.89	1021.79
	15	1021.92	1021.94	1021.97	1022.02	1022.08	1022.13	1022.19	1022.24	1022.27	1022.30	1022.35	1022.42	1022.15
	16	1022.48	1022.53	1022.57	1022.60	1022.65	1022.71	1022.76	1022.83	1022.89	1022.94	1022.99	1023.04	1022.75
	17	1023.10	1023.19	1023.24	1023.28	1023.33	1023.38	1023.44	1023.51	1023.55	1023.60	1023.64	1023.66	1023.41
	18	1023.70	1023.79	1023.85	1023.87	1023.94	1023.98	1024.03	1024.13	1024.23	1024.29	1024.36	1024.45	1024.05
	19	1024.52	1024.57	1024.62	1024.68	1024.70	1024.71	1024.76	1024.82	1024.89	1024.95	1025.02	1025.12	1024.78
	20	1025.15	1025.14	1025.16	1025.21	1025.21	1025.21	1025.25	1025.26	1025.25	1025.24	1025.23	1025.26	1025.21
	21	1025.32	1025.38	1025.43	1025.48	1025.50	1025.54	1025.59	1025.62	1025.60	1025.60	1025.61	1025.63	1025.52
	22	1025.65	1025.64	1025.62	1025.61	1025.63	1025.67	1025.69	1025.68	1025.69	1025.69	1025.65	1025.63	1025.65
	23	1025.64	1025.65	1025.65	1025.66	1025.72	1025.76	1025.77	1025.74	1025.76	1025.78	1025.76	1025.79	1025.72
8	0	1025.90	1025.90	1025.90	1025.87	1025.85	1025.85	1025.85	1025.83	1025.81	1025.80	1025.76	1025.77	1025.84
	1	1025.79	1025.76	1025.71	1025.67	1025.68	1025.71	1025.72	1025.67	1025.62	1025.60	1025.59	1025.60	1025.68
	2	1025.60	1025.61	1025.61	1025.54	1025.46	1025.44	1025.41	1025.32	1025.26	1025.26	1025.35	1025.44	1025.44
	3	1025.44	1025.36	1025.30	1025.30	1025.34	1025.38	1025.39	1025.42	1025.39	1025.35	1025.36	1025.37	1025.36
	4	1025.40	1025.33	1025.24	1025.21	1025.22	1025.26	1025.26	1025.23	1025.23	1025.24	1025.20	1025.17	1025.25
	5	1025.15	1025.16	1025.17	1025.14	1025.12	1025.12	1025.14	1025.15	1025.15	1025.16	1025.20	1025.24	1025.16
	6	1025.31	1025.34	1025.35	1025.40	1025.42	1025.42	1025.46	1025.47	1025.48	1025.49	1025.49	1025.48	1025.42
	7	1025.47	1025.52	1025.59	1025.64	1025.67	1025.69	1025.65	1025.59	1025.57	1025.57	1025.55	1025.55	1025.59
	8	1025.54	1025.53	1025.56	1025.60	1025.62	1025.65	1025.65	1025.65	1025.71	1025.76	1025.82	1025.85	1025.66
	9	1025.84	1025.77	1025.69	1025.65	1025.61	1025.57	1025.58	1025.58	1025.54	1025.53	1025.52	1025.50	1025.61
	10	1025.48	1025.44	1025.40	1025.33	1025.24	1025.15	1025.07	1025.01	1024.93	1024.89	1024.84	1024.76	1025.13
	11	1024.71	1024.65	1024.55	1024.48	1024.42	1024.34	1024.25	1024.18	1024.11	1024.02	1023.93	1023.86	1024.29
	12	1023.82	1023.78	1023.71	1023.60	1023.50	1023.43	1023.36	1023.31	1023.27	1023.20	1023.13	1023.09	1023.43
	13	1023.07	1023.08	1023.04	1022.94	1022.86	1022.81	1022.76	1022.70	1022.65	1022.60	1022.59	1022.58	1022.81
	14	1022.53	1022.48	1022.40	1022.34	1022.31	1022.26	1022.20	1022.16	1022.13	1022.07	1021.95	1021.86	1022.22
	15	1021.83	1021.77	1021.71	1021.67	1021.65	1021.61	1021.56	1021.54	1021.56	1021.58	1021.62	1021.63	1021.64
	16	1021.65	1021.71	1021.75	1021.78	1021.79	1021.83	1021.90	1021.95	1021.98	1022.02	1022.07	1022.12	1021.88
	17	1022.12	1022.17	1022.24	1022.27	1022.31	1022.37	1022.41	1022.43	1022.43	1022.38	1022.32	1022.27	1022.31
	18	1022.25	1022.21	1022.15	1022.10	1022.04	1021.99	1021.95	1021.90	1021.85	1021.79	1021.74	1021.76	1021.98
	19	1021.79	1021.76	1021.74	1021.77	1021.80	1021.77	1021.79	1021.84	1021.84	1021.84	1021.86	1021.85	1021.80
	20	1021.80	1021.75	1021.73	1021.76	1021.80	1021.81	1021.83	1021.85	1021.84	1021.82	1021.82	1021.79	1021.80
	21	1021.78	1021.81	1021.81	1021.80	1021.82	1021.77	1021.68	1021.63	1021.67	1021.70	1021.63	1021.54	1021.72
	22	1021.41	1021.35	1021.39	1021.42	1021.43	1021.41	1021.37	1021.34	1021.33	1021.37	1021.37	1021.34	1021.38
	23	1021.39	1021.41	1021.38	1021.33	1021.26	1021.20	1021.16	1021.12	1021.06	1021.01	1020.97	1020.92	1021.18

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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	1020.75	1020.74	1020.72	1020.72	1020.65	1020.61	1020.63	1020.61	1020.59	1020.61	1020.60	1020.58	1020.64
	1	1020.50	1020.44	1020.43	1020.36	1020.32	1020.26	1020.11	1020.07	1020.06	1019.96	1019.96	1019.98	1020.20
	2	1019.96	1019.92	1019.89	1019.89	1019.87	1019.87	1019.89	1019.90	1019.89	1019.82	1019.73	1019.73	1019.86
	3	1019.75	1019.75	1019.73	1019.64	1019.55	1019.50	1019.48	1019.49	1019.59	1019.64	1019.58	1019.60	1019.61
	4	1019.65	1019.71	1019.77	1019.72	1019.61	1019.53	1019.49	1019.46	1019.45	1019.45	1019.44	1019.47	1019.56
	5	1019.50	1019.53	1019.56	1019.53	1019.54	1019.61	1019.66	1019.72	1019.77	1019.77	1019.79	1019.82	1019.65
	6	1019.80	1019.80	1019.92	1020.02	1020.08	1020.14	1020.22	1020.31	1020.32	1020.29	1020.27	1020.24	1020.12
	7	1020.24	1020.29	1020.31	1020.32	1020.31	1020.28	1020.32	1020.38	1020.43	1020.49	1020.51	1020.53	1020.36
	8	1020.61	1020.68	1020.64	1020.57	1020.47	1020.40	1020.38	1020.43	1020.45	1020.44	1020.44	1020.42	1020.49
	9	1020.43	1020.41	1020.34	1020.29	1020.29	1020.29	1020.25	1020.20	1020.18	1020.14	1020.10	1020.04	1020.24
	10	1019.97	1019.93	1019.88	1019.83	1019.73	1019.66	1019.61	1019.54	1019.49	1019.46	1019.40	1019.33	1019.65
	11	1019.28	1019.24	1019.18	1019.12	1019.16	1019.10	1018.97	1018.90	1018.76	1018.64	1018.58	1018.55	1018.95
	12	1018.57	1018.60	1018.54	1018.53	1018.58	1018.51	1018.42	1018.38	1018.32	1018.29	1018.27	1018.26	1018.44
	13	1018.25	1018.13	1018.02	1017.96	1017.98	1018.00	1018.00	1017.99	1017.91	1017.88	1017.92	1017.96	1018.00
	14	1017.96	1017.89	1017.87	1017.97	1018.01	1017.95	1017.92	1017.90	1017.90	1017.90	1017.86	1017.90	1017.92
	15	1017.94	1017.90	1017.81	1017.78	1017.76	1017.74	1017.74	1017.82	1017.92	1017.98	1018.03	1018.08	1017.87
	16	1018.12	1018.14	1018.17	1018.19	1018.25	1018.37	1018.44	1018.46	1018.43	1018.38	1018.41	1018.48	1018.32
	17	1018.57	1018.62	1018.64	1018.67	1018.68	1018.65	1018.64	1018.65	1018.64	1018.63	1018.59	1018.55	1018.62
	18	1018.54	1018.55	1018.52	1018.46	1018.39	1018.32	1018.32	1018.34	1018.35	1018.33	1018.30	1018.29	1018.39
	19	1018.34	1018.45	1018.53	1018.60	1018.59	1018.56	1018.61	1018.62	1018.62	1018.60	1018.59	1018.59	1018.56
	20	1018.61	1018.61	1018.55	1018.48	1018.45	1018.46	1018.43	1018.43	1018.47	1018.48	1018.52	1018.58	1018.50
	21	1018.59	1018.59	1018.59	1018.58	1018.61	1018.66	1018.66	1018.62	1018.58	1018.55	1018.50	1018.49	1018.58
	22	1018.52	1018.47	1018.41	1018.33	1018.17	1018.16	1018.32	1018.46	1018.42	1018.30	1018.29	1018.31	1018.34
	23	1018.23	1018.13	1018.13	1018.19	1018.17	1018.12	1018.10	1018.08	1018.04	1018.07	1018.11	1018.12	1018.12
10	0	1018.02	1017.98	1017.86	1017.71	1017.57	1017.52	1017.51	1017.49	1017.44	1017.40	1017.37	1017.31	1017.58
	1	1017.32	1017.39	1017.39	1017.37	1017.39	1017.40	1017.34	1017.27	1017.22	1017.21	1017.20	1017.18	1017.30
	2	1017.19	1017.16	1017.10	1017.03	1017.00	1017.01	1016.99	1016.97	1016.95	1016.95	1016.99	1017.01	1017.03
	3	1017.00	1017.00	1017.01	1016.95	1016.89	1016.90	1016.91	1016.88	1016.90	1016.99	1016.98	1016.93	1016.94
	4	1016.94	1016.94	1016.89	1016.89	1016.88	1016.88	1016.95	1016.98	1016.95	1016.93	1016.93	1016.92	1016.92
	5	1016.89	1016.87	1016.89	1016.96	1016.98	1016.97	1017.05	1017.11	1017.05	1016.98	1017.03	1017.01	1016.98
	6	1017.00	1017.09	1017.18	1017.24	1017.26	1017.27	1017.22	1017.20	1017.23	1017.16	1017.08	1017.08	1017.17
	7	1017.10	1017.06	1017.03	1017.08	1017.13	1017.14	1017.07	1017.02	1016.98	1016.93	1016.97	1017.02	1017.04
	8	1017.03	1017.07	1017.11	1017.14	1017.15	1017.15	1017.15	1017.11	1017.08	1017.13	1017.14	1017.15	1017.11
	9	1017.20	1017.24	1017.34	1017.39	1017.33	1017.25	1017.19	1017.15	1017.09	1017.03	1016.93	1016.79	1017.16
	10	1016.64	1016.50	1016.40	1016.34	1016.29	1016.16	1016.11	1016.18	1016.20	1016.11	1015.96	1015.86	1016.23
	11	1015.83	1015.79	1015.72	1015.68	1015.66	1015.63	1015.64	1015.67	1015.68	1015.64	1015.48	1015.28	1015.64
	12	1015.06	1014.98	1015.05	1015.08	1015.08	1015.06	1015.02	1015.00	1014.99	1014.95	1014.86	1014.78	1014.99
	13	1014.70	1014.68	1014.68	1014.73	1014.81	1014.79	1014.76	1014.78	1014.81	1014.83	1014.85	1014.85	1014.77
	14	1014.78	1014.71	1014.71	1014.73	1014.71	1014.65	1014.60	1014.54	1014.50	1014.48	1014.45	1014.40	1014.60
	15	1014.36	1014.33	1014.28	1014.27	1014.29	1014.32	1014.30	1014.26	1014.23	1014.19	1014.15	1014.11	1014.25
	16	1014.09	1014.15	1014.24	1014.27	1014.30	1014.36	1014.38	1014.35	1014.34	1014.32	1014.24	1014.23	1014.27
	17	1014.28	1014.25	1014.11	1014.03	1014.06	1014.10	1014.20	1014.20	1014.12	1014.03	1014.01	1014.04	1014.12
	18	1013.97	1013.89	1013.88	1013.87	1013.80	1013.74	1013.75	1013.83	1013.92	1013.98	1014.00	1014.03	1013.89
	19	1014.10	1014.18	1014.25	1014.25	1014.20	1014.19	1014.20	1014.19	1014.20	1014.19	1014.17	1014.18	1014.19
	20	1014.20	1014.17	1014.15	1014.12	1014.09	1014.09	1014.04	1013.93	1013.89	1013.92	1013.94	1013.91	1014.04
	21	1013.80	1013.67	1013.63	1013.62	1013.63	1013.66	1013.65	1013.67	1013.66	1013.56	1013.44	1013.37	1013.61
	22	1013.28	1013.24	1013.23	1013.22	1013.22	1013.19	1013.13	1013.09	1013.08	1013.03	1012.99	1012.97	1013.14
	23	1012.95	1012.94	1012.87	1012.80	1012.79	1012.79	1012.79	1012.68	1012.60	1012.56	1012.50	1012.44	1012.72

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1012.39	1012.32	1012.19	1012.16	1012.21	1012.23	1012.27	1012.28	1012.22	1012.13	1012.07	1012.04	1012.20
	1	1011.95	1011.84	1011.81	1011.84	1011.92	1011.90	1011.80	1011.77	1011.70	1011.56	1011.47	1011.42	1011.75
	2	1011.41	1011.41	1011.42	1011.35	1011.27	1011.29	1011.30	1011.35	1011.37	1011.33	1011.21	1011.11	1011.32
	3	1011.10	1011.11	1011.01	1010.90	1010.83	1010.70	1010.64	1010.64	1010.59	1010.49	1010.44	1010.41	1010.73
	4	1010.31	1010.20	1010.12	1010.07	1010.03	1009.96	1009.96	1010.07	1010.14	1010.10	1010.06	1010.06	1010.09
	5	1010.02	1010.00	1010.01	1009.99	1010.02	1010.05	1010.06	1010.21	1010.65	1010.98	1010.89	1010.80	1010.30
	6	1010.95	1011.13	1011.15	1011.28	1011.41	1011.54	1011.76	1011.88	1012.00	1011.96	1011.84	1011.80	1011.56
	7	1011.85	1011.94	1011.96	1011.95	1011.97	1012.04	1012.10	1012.03	1011.96	1012.01	1012.02	1011.96	1011.98
	8	1011.91	1011.82	1011.74	1011.67	1011.66	1011.70	1011.65	1011.55	1011.44	1011.36	1011.26	1011.22	1011.58
	9	1011.22	1011.21	1011.25	1011.35	1011.34	1011.18	1011.08	1011.11	1011.30	1011.47	1011.60	1011.72	1011.32
	10	1011.76	1011.75	1011.75	1011.81	1011.88	1011.94	1012.05	1012.05	1011.93	1011.90	1011.94	1011.94	1011.89
	11	1011.95	1012.00	1012.04	1012.04	1012.00	1012.07	1012.20	1012.24	1012.13	1011.94	1011.94	1012.00	1012.04
	12	1011.81	1011.75	1011.69	1011.49	1011.38	1011.14	1011.00	1011.20	1011.49	1011.54	1011.38	1011.20	1011.42
	13	1011.16	1011.18	1011.20	1011.16	1011.09	1011.19	1011.44	1011.40	1011.17	1011.03	1010.95	1010.94	1011.16
	14	1010.96	1011.04	1011.30	1011.51	1011.60	1011.86	1012.14	1012.32	1012.38	1012.39	1012.45	1012.46	1011.87
	15	1012.55	1012.63	1012.66	1012.71	1012.76	1012.87	1012.98	1012.75	1012.33	1012.04	1011.98	1012.04	1012.52
	16	1011.96	1011.84	1011.76	1011.64	1011.24	1010.90	1010.95	1011.42	1011.78	1011.73	1011.92	1011.95	1011.59
	17	1011.71	1011.68	1011.74	1011.83	1012.06	1012.26	1012.43	1012.61	1012.66	1012.81	1012.91	1012.91	1012.30
	18	1012.90	1012.91	1012.87	1012.84	1012.84	1012.85	1012.89	1012.91	1012.96	1013.08	1013.20	1013.19	1012.95
	19	1013.18	1013.28	1013.42	1013.57	1013.66	1013.62	1013.67	1013.79	1013.82	1013.77	1013.68	1013.71	1013.60
	20	1013.74	1013.83	1014.01	1014.06	1014.05	1014.02	1013.94	1013.97	1014.02	1013.99	1014.02	1014.13	1013.98
	21	1014.27	1014.28	1014.27	1014.25	1014.24	1014.26	1014.28	1014.36	1014.47	1014.59	1014.65	1014.62	1014.38
	22	1014.56	1014.67	1014.78	1014.80	1014.84	1014.83	1014.88	1014.95	1014.88	1014.75	1014.83	1014.99	1014.81
23	1015.06	1015.12	1015.11	1015.03	1015.04	1015.16	1015.12	1015.07	1015.11	1015.01	1014.91	1014.92	1015.05	
12	0	1015.13	1015.14	1015.10	1015.08	1015.10	1015.20	1015.32	1015.42	1015.54	1015.62	1015.66	1015.67	1015.34
	1	1015.62	1015.70	1015.85	1015.92	1015.95	1015.88	1015.83	1015.73	1015.61	1015.55	1015.52	1015.61	1015.73
	2	1015.72	1015.83	1015.92	1015.88	1015.76	1015.62	1015.53	1015.49	1015.44	1015.46	1015.51	1015.52	1015.64
	3	1015.53	1015.53	1015.46	1015.45	1015.48	1015.52	1015.62	1015.75	1015.80	1015.77	1015.72	1015.71	1015.61
	4	1015.70	1015.61	1015.51	1015.46	1015.49	1015.42	1015.38	1015.40	1015.42	1015.49	1015.60	1015.74	1015.52
	5	1015.88	1015.91	1015.93	1015.98	1016.02	1016.15	1016.25	1016.24	1016.25	1016.26	1016.23	1016.26	1016.11
	6	1016.27	1016.19	1016.15	1016.15	1016.16	1016.23	1016.39	1016.61	1016.79	1016.93	1017.02	1017.09	1016.50
	7	1017.11	1017.15	1017.27	1017.35	1017.42	1017.49	1017.54	1017.59	1017.65	1017.73	1017.74	1017.73	1017.48
	8	1017.75	1017.77	1017.77	1017.78	1017.83	1017.80	1017.77	1017.80	1017.77	1017.75	1017.80	1017.89	1017.79
	9	1017.93	1017.98	1018.00	1017.98	1018.00	1018.02	1018.07	1018.14	1018.14	1018.00	1017.87	1017.82	1017.99
	10	1017.84	1017.85	1017.80	1017.76	1017.81	1017.84	1017.81	1017.78	1017.74	1017.75	1017.82	1017.89	1017.81
	11	1017.94	1017.99	1018.10	1018.18	1018.15	1018.08	1018.05	1018.06	1018.08	1018.14	1018.12	1018.05	1018.08
	12	1018.02	1018.01	1017.97	1017.88	1017.80	1017.75	1017.73	1017.75	1017.75	1017.70	1017.65	1017.65	1017.80
	13	1017.66	1017.63	1017.62	1017.66	1017.66	1017.64	1017.62	1017.58	1017.57	1017.60	1017.65	1017.67	1017.63
	14	1017.76	1017.93	1018.00	1018.00	1018.11	1018.20	1018.21	1018.20	1018.20	1018.22	1018.27	1018.30	1018.11
	15	1018.33	1018.38	1018.39	1018.41	1018.41	1018.40	1018.41	1018.44	1018.43	1018.41	1018.43	1018.43	1018.40
	16	1018.40	1018.39	1018.36	1018.32	1018.31	1018.32	1018.31	1018.27	1018.22	1018.20	1018.21	1018.31	1018.30
	17	1018.38	1018.41	1018.56	1018.70	1018.74	1018.73	1018.75	1018.74	1018.72	1018.73	1018.77	1018.81	1018.67
	18	1018.84	1018.88	1018.86	1018.82	1018.78	1018.75	1018.76	1018.81	1018.87	1018.91	1018.96	1018.98	1018.85
	19	1019.03	1019.05	1018.98	1018.97	1019.08	1019.17	1019.21	1019.27	1019.34	1019.42	1019.59	1019.80	1019.24
	20	1019.97	1020.13	1020.23	1020.22	1020.17	1020.16	1020.20	1020.22	1020.12	1020.06	1020.09	1020.13	1020.14
	21	1020.11	1020.05	1019.98	1019.94	1019.95	1019.96	1019.94	1019.97	1020.04	1020.10	1020.11	1020.21	1020.03
	22	1020.39	1020.55	1020.69	1020.79	1020.85	1020.93	1020.98	1020.98	1020.99	1020.99	1020.98	1021.03	1020.84
23	1021.08	1021.08	1021.09	1021.13	1021.12	1021.11	1021.05	1021.06	1021.14	1021.10	1021.06	1021.11	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
13	0	1021.13	1021.12	1021.10	1021.10	1021.10	1021.05	1021.02	1020.98	1020.92	1020.86	1020.85	1020.86	1021.00
	1	1020.86	1020.86	1020.87	1020.84	1020.76	1020.70	1020.71	1020.71	1020.69	1020.64	1020.59	1020.57	1020.73
	2	1020.57	1020.55	1020.55	1020.58	1020.59	1020.54	1020.51	1020.57	1020.61	1020.55	1020.45	1020.34	1020.53
	3	1020.29	1020.30	1020.31	1020.34	1020.42	1020.49	1020.53	1020.56	1020.59	1020.56	1020.56	1020.57	1020.46
	4	1020.55	1020.56	1020.61	1020.66	1020.67	1020.70	1020.74	1020.77	1020.79	1020.85	1020.92	1020.95	1020.73
	5	1020.96	1020.97	1020.96	1020.98	1021.10	1021.18	1021.18	1021.18	1021.25	1021.34	1021.35	1021.38	1021.15
	6	1021.45	1021.51	1021.58	1021.65	1021.67	1021.72	1021.80	1021.88	1021.87	1021.83	1021.82	1021.83	1021.72
	7	1021.83	1021.83	1021.86	1021.89	1021.92	1021.93	1021.89	1021.90	1021.97	1022.03	1022.08	1022.16	1021.94
	8	1022.23	1022.23	1022.24	1022.26	1022.27	1022.28	1022.31	1022.34	1022.35	1022.33	1022.32	1022.32	1022.29
	9	1022.31	1022.30	1022.29	1022.29	1022.28	1022.28	1022.33	1022.39	1022.38	1022.34	1022.33	1022.31	1022.32
	10	1022.24	1022.20	1022.19	1022.16	1022.13	1022.09	1022.03	1021.97	1021.88	1021.78	1021.67	1021.56	1021.99
	11	1021.49	1021.43	1021.41	1021.40	1021.35	1021.28	1021.22	1021.17	1021.13	1021.13	1021.15	1021.14	1021.27
	12	1021.09	1021.07	1021.05	1021.02	1021.01	1021.00	1020.97	1020.93	1020.87	1020.79	1020.72	1020.66	1020.93
	13	1020.57	1020.48	1020.41	1020.37	1020.34	1020.29	1020.23	1020.17	1020.11	1020.11	1020.13	1020.18	1020.28
	14	1020.23	1020.25	1020.24	1020.21	1020.18	1020.18	1020.20	1020.20	1020.21	1020.23	1020.26	1020.24	1020.22
	15	1020.21	1020.20	1020.18	1020.16	1020.14	1020.15	1020.17	1020.13	1020.10	1020.09	1020.11	1020.18	1020.15
	16	1020.29	1020.34	1020.33	1020.32	1020.34	1020.40	1020.49	1020.58	1020.64	1020.67	1020.68	1020.67	1020.48
	17	1020.70	1020.73	1020.73	1020.72	1020.74	1020.76	1020.73	1020.65	1020.57	1020.52	1020.52	1020.53	1020.66
	18	1020.56	1020.60	1020.63	1020.62	1020.62	1020.65	1020.68	1020.71	1020.73	1020.76	1020.76	1020.73	1020.67
	19	1020.72	1020.71	1020.72	1020.79	1020.86	1020.91	1020.96	1021.00	1020.99	1020.98	1021.02	1021.05	1020.89
	20	1021.09	1021.14	1021.13	1021.12	1021.14	1021.15	1021.14	1021.14	1021.12	1021.09	1021.14	1021.21	1021.13
	21	1021.25	1021.27	1021.26	1021.24	1021.21	1021.21	1021.26	1021.29	1021.32	1021.33	1021.30	1021.30	1021.27
	22	1021.29	1021.26	1021.27	1021.26	1021.24	1021.26	1021.26	1021.24	1021.26	1021.29	1021.29	1021.26	1021.26
	23	1021.24	1021.23	1021.21	1021.21	1021.23	1021.22	1021.22	1021.22	1021.19	1021.21	1021.25	1021.25	1021.22
14	0	1021.24	1021.24	1021.23	1021.20	1021.17	1021.20	1021.25	1021.27	1021.30	1021.33	1021.35	1021.34	1021.26
	1	1021.32	1021.34	1021.34	1021.33	1021.34	1021.33	1021.32	1021.36	1021.37	1021.35	1021.31	1021.25	1021.33
	2	1021.21	1021.21	1021.19	1021.17	1021.15	1021.11	1021.06	1021.01	1020.99	1020.95	1020.88	1020.85	1021.06
	3	1020.86	1020.87	1020.91	1020.98	1020.99	1020.97	1020.92	1020.86	1020.84	1020.84	1020.80	1020.74	1020.88
	4	1020.69	1020.66	1020.63	1020.59	1020.56	1020.55	1020.52	1020.49	1020.45	1020.42	1020.43	1020.41	1020.53
	5	1020.37	1020.33	1020.29	1020.28	1020.28	1020.26	1020.24	1020.24	1020.26	1020.29	1020.32	1020.36	1020.29
	6	1020.39	1020.42	1020.48	1020.53	1020.56	1020.58	1020.59	1020.60	1020.65	1020.70	1020.74	1020.76	1020.58
	7	1020.80	1020.83	1020.83	1020.80	1020.77	1020.76	1020.76	1020.77	1020.77	1020.76	1020.77	1020.74	1020.78
	8	1020.71	1020.70	1020.70	1020.69	1020.66	1020.63	1020.64	1020.65	1020.66	1020.64	1020.62	1020.59	1020.66
	9	1020.57	1020.57	1020.53	1020.51	1020.49	1020.44	1020.42	1020.42	1020.44	1020.41	1020.36	1020.33	1020.46
	10	1020.29	1020.27	1020.25	1020.18	1020.13	1020.07	1020.01	1019.98	1019.93	1019.86	1019.82	1019.79	1020.05
	11	1019.72	1019.67	1019.64	1019.62	1019.58	1019.49	1019.44	1019.41	1019.38	1019.30	1019.21	1019.17	1019.47
	12	1019.13	1019.11	1019.08	1019.01	1018.95	1018.91	1018.88	1018.86	1018.84	1018.77	1018.71	1018.69	1018.91
	13	1018.69	1018.68	1018.64	1018.61	1018.61	1018.60	1018.58	1018.55	1018.53	1018.56	1018.56	1018.55	1018.59
	14	1018.56	1018.55	1018.58	1018.59	1018.53	1018.45	1018.42	1018.46	1018.53	1018.56	1018.53	1018.53	1018.52
	15	1018.57	1018.59	1018.59	1018.59	1018.62	1018.65	1018.67	1018.69	1018.68	1018.68	1018.73	1018.77	1018.65
	16	1018.80	1018.84	1018.91	1018.99	1018.99	1018.99	1019.02	1019.00	1018.98	1019.02	1019.04	1018.97	1018.96
	17	1018.94	1018.95	1018.95	1018.92	1018.90	1018.93	1018.91	1018.86	1018.82	1018.80	1018.78	1018.78	1018.88
	18	1018.81	1018.79	1018.79	1018.83	1018.82	1018.80	1018.81	1018.79	1018.76	1018.75	1018.76	1018.77	1018.79
	19	1018.76	1018.80	1018.82	1018.80	1018.80	1018.82	1018.81	1018.80	1018.81	1018.80	1018.78	1018.78	1018.80
	20	1018.78	1018.79	1018.80	1018.83	1018.82	1018.76	1018.76	1018.76	1018.75	1018.77	1018.77	1018.75	1018.78
	21	1018.77	1018.81	1018.80	1018.72	1018.63	1018.60	1018.61	1018.65	1018.67	1018.66	1018.63	1018.62	1018.68
	22	1018.67	1018.70	1018.71	1018.73	1018.70	1018.68	1018.71	1018.71	1018.68	1018.67	1018.68	1018.64	1018.69
	23	1018.55	1018.49	1018.48	1018.45	1018.42	1018.40	1018.39	1018.41	1018.43	1018.45	1018.46	1018.45	1018.45

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
15	0	1018.38	1018.37	1018.37	1018.38	1018.36	1018.37	1018.37	1018.33	1018.31	1018.29	1018.29	1018.33	1018.34
	1	1018.33	1018.29	1018.26	1018.25	1018.24	1018.22	1018.21	1018.20	1018.14	1018.06	1018.00	1017.98	1018.18
	2	1017.94	1017.89	1017.88	1017.87	1017.80	1017.71	1017.64	1017.60	1017.54	1017.46	1017.42	1017.44	1017.68
	3	1017.44	1017.40	1017.37	1017.38	1017.37	1017.32	1017.29	1017.27	1017.21	1017.19	1017.21	1017.24	1017.31
	4	1017.28	1017.31	1017.33	1017.32	1017.31	1017.31	1017.32	1017.32	1017.33	1017.35	1017.34	1017.34	1017.32
	5	1017.33	1017.32	1017.35	1017.37	1017.36	1017.36	1017.39	1017.39	1017.37	1017.33	1017.29	1017.26	1017.34
	6	1017.23	1017.24	1017.26	1017.28	1017.29	1017.30	1017.30	1017.32	1017.38	1017.43	1017.48	1017.54	1017.33
	7	1017.58	1017.59	1017.62	1017.64	1017.66	1017.73	1017.82	1017.88	1017.92	1017.95	1017.95	1017.91	1017.77
	8	1017.86	1017.82	1017.80	1017.80	1017.86	1017.92	1017.93	1017.91	1017.87	1017.86	1017.89	1017.87	1017.86
	9	1017.81	1017.77	1017.77	1017.77	1017.74	1017.71	1017.69	1017.60	1017.50	1017.45	1017.43	1017.41	1017.64
	10	1017.35	1017.27	1017.22	1017.15	1017.01	1016.92	1016.89	1016.84	1016.77	1016.73	1016.65	1016.55	1016.94
	11	1016.48	1016.43	1016.38	1016.34	1016.30	1016.25	1016.19	1016.14	1016.09	1016.03	1016.01	1015.98	1016.22
	12	1015.92	1015.85	1015.79	1015.79	1015.79	1015.77	1015.77	1015.74	1015.69	1015.63	1015.61	1015.63	1015.75
	13	1015.59	1015.53	1015.47	1015.41	1015.40	1015.39	1015.37	1015.38	1015.40	1015.39	1015.37	1015.37	1015.42
	14	1015.36	1015.36	1015.38	1015.41	1015.40	1015.40	1015.44	1015.44	1015.42	1015.43	1015.45	1015.46	1015.41
	15	1015.49	1015.50	1015.49	1015.52	1015.57	1015.61	1015.64	1015.66	1015.68	1015.71	1015.72	1015.71	1015.61
	16	1015.67	1015.68	1015.72	1015.74	1015.76	1015.77	1015.79	1015.80	1015.81	1015.86	1015.89	1015.90	1015.78
	17	1015.92	1015.93	1015.92	1015.90	1015.90	1015.93	1015.95	1015.97	1015.97	1015.96	1015.95	1015.95	1015.94
	18	1015.97	1015.98	1015.96	1015.97	1015.99	1015.99	1015.99	1015.99	1016.04	1016.07	1016.07	1016.07	1016.00
	19	1016.07	1016.08	1016.10	1016.10	1016.08	1016.08	1016.11	1016.16	1016.23	1016.27	1016.30	1016.31	1016.16
	20	1016.31	1016.32	1016.33	1016.39	1016.43	1016.42	1016.42	1016.40	1016.37	1016.33	1016.31	1016.32	1016.36
	21	1016.29	1016.27	1016.23	1016.20	1016.19	1016.17	1016.16	1016.17	1016.20	1016.24	1016.27	1016.28	1016.22
	22	1016.27	1016.27	1016.28	1016.29	1016.31	1016.34	1016.34	1016.35	1016.37	1016.37	1016.36	1016.32	1016.32
	23	1016.32	1016.33	1016.30	1016.25	1016.20	1016.14	1016.07	1016.02	1016.01	1015.98	1015.93	1015.93	1016.12
16	0	1015.93	1015.96	1016.01	1016.03	1016.00	1015.97	1015.92	1015.93	1015.98	1015.99	1016.02	1016.10	1015.99
	1	1016.13	1016.12	1016.10	1016.12	1016.13	1016.09	1016.03	1015.97	1015.92	1015.86	1015.82	1015.83	1016.01
	2	1015.83	1015.79	1015.75	1015.70	1015.64	1015.65	1015.69	1015.69	1015.70	1015.72	1015.72	1015.73	1015.71
	3	1015.75	1015.73	1015.72	1015.69	1015.69	1015.71	1015.70	1015.70	1015.72	1015.74	1015.74	1015.75	1015.72
	4	1015.77	1015.76	1015.76	1015.78	1015.80	1015.81	1015.79	1015.80	1015.83	1015.85	1015.84	1015.85	1015.80
	5	1015.88	1015.91	1015.96	1016.02	1016.07	1016.07	1016.05	1016.08	1016.11	1016.12	1016.13	1016.12	1016.04
	6	1016.11	1016.14	1016.16	1016.18	1016.21	1016.23	1016.26	1016.29	1016.33	1016.35	1016.35	1016.34	1016.24
	7	1016.34	1016.36	1016.36	1016.37	1016.40	1016.45	1016.51	1016.55	1016.56	1016.59	1016.64	1016.69	1016.48
	8	1016.72	1016.75	1016.77	1016.75	1016.74	1016.75	1016.78	1016.82	1016.84	1016.88	1016.89	1016.87	1016.80
	9	1016.89	1016.91	1016.91	1016.91	1016.92	1016.91	1016.89	1016.86	1016.87	1016.91	1016.92	1016.93	1016.90
	10	1016.92	1016.87	1016.80	1016.77	1016.76	1016.74	1016.72	1016.72	1016.70	1016.64	1016.55	1016.48	1016.72
	11	1016.46	1016.44	1016.40	1016.33	1016.26	1016.20	1016.12	1016.06	1016.01	1015.97	1015.95	1015.93	1016.18
	12	1015.89	1015.86	1015.82	1015.79	1015.75	1015.70	1015.66	1015.62	1015.59	1015.57	1015.55	1015.53	1015.69
	13	1015.52	1015.50	1015.45	1015.40	1015.37	1015.38	1015.37	1015.36	1015.37	1015.36	1015.34	1015.34	1015.39
	14	1015.33	1015.32	1015.34	1015.38	1015.40	1015.42	1015.45	1015.49	1015.53	1015.56	1015.58	1015.60	1015.45
	15	1015.61	1015.63	1015.66	1015.67	1015.65	1015.63	1015.63	1015.63	1015.63	1015.62	1015.63	1015.64	1015.63
	16	1015.64	1015.69	1015.75	1015.79	1015.82	1015.84	1015.87	1015.93	1015.98	1016.00	1016.02	1016.02	1015.86
	17	1016.02	1016.01	1016.02	1016.05	1016.09	1016.13	1016.13	1016.14	1016.16	1016.18	1016.20	1016.23	1016.11
	18	1016.25	1016.29	1016.34	1016.36	1016.37	1016.38	1016.40	1016.44	1016.45	1016.43	1016.43	1016.44	1016.38
	19	1016.44	1016.43	1016.45	1016.48	1016.50	1016.52	1016.54	1016.54	1016.53	1016.55	1016.57	1016.59	1016.51
	20	1016.61	1016.61	1016.61	1016.60	1016.59	1016.62	1016.64	1016.65	1016.66	1016.66	1016.62	1016.58	1016.62
	21	1016.58	1016.61	1016.63	1016.62	1016.62	1016.64	1016.66	1016.68	1016.68	1016.68	1016.70	1016.74	1016.65
	22	1016.78	1016.77	1016.73	1016.72	1016.68	1016.62	1016.59	1016.58	1016.57	1016.59	1016.61	1016.59	1016.65
	23	1016.55	1016.51	1016.48	1016.48	1016.46	1016.40	1016.34	1016.28	1016.27	1016.29	1016.31	1016.33	1016.39

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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	1016.39	1016.36	1016.32	1016.29	1016.30	1016.32	1016.36	1016.39	1016.38	1016.36	1016.33	1016.30	1016.34
	1	1016.27	1016.22	1016.19	1016.17	1016.15	1016.13	1016.10	1016.07	1016.01	1015.97	1015.93	1015.87	1016.09
	2	1015.83	1015.78	1015.75	1015.75	1015.75	1015.75	1015.77	1015.76	1015.71	1015.66	1015.63	1015.59	1015.73
	3	1015.55	1015.50	1015.47	1015.44	1015.40	1015.36	1015.32	1015.32	1015.36	1015.33	1015.30	1015.31	1015.39
	4	1015.32	1015.30	1015.28	1015.27	1015.26	1015.20	1015.18	1015.22	1015.28	1015.34	1015.39	1015.37	1015.28
	5	1015.35	1015.38	1015.38	1015.36	1015.35	1015.33	1015.33	1015.35	1015.33	1015.31	1015.34	1015.40	1015.35
	6	1015.46	1015.44	1015.46	1015.51	1015.54	1015.57	1015.56	1015.54	1015.52	1015.51	1015.49	1015.47	1015.50
	7	1015.47	1015.49	1015.51	1015.58	1015.65	1015.69	1015.69	1015.71	1015.75	1015.77	1015.79	1015.78	1015.65
	8	1015.74	1015.72	1015.69	1015.64	1015.65	1015.68	1015.67	1015.66	1015.65	1015.62	1015.59	1015.58	1015.66
	9	1015.59	1015.64	1015.66	1015.63	1015.63	1015.66	1015.65	1015.64	1015.64	1015.63	1015.60	1015.53	1015.62
	10	1015.47	1015.44	1015.41	1015.37	1015.34	1015.31	1015.26	1015.21	1015.15	1015.10	1015.04	1014.99	1015.25
	11	1014.94	1014.89	1014.82	1014.76	1014.68	1014.61	1014.58	1014.54	1014.49	1014.45	1014.44	1014.46	1014.64
	12	1014.46	1014.44	1014.41	1014.35	1014.30	1014.23	1014.11	1014.03	1013.99	1013.95	1013.91	1013.87	1014.17
	13	1013.80	1013.77	1013.75	1013.69	1013.62	1013.53	1013.49	1013.48	1013.43	1013.39	1013.38	1013.39	1013.56
	14	1013.35	1013.24	1013.23	1013.27	1013.27	1013.23	1013.16	1013.12	1013.11	1013.14	1013.13	1013.10	1013.19
	15	1013.08	1013.00	1012.90	1012.85	1012.81	1012.71	1012.63	1012.66	1012.70	1012.67	1012.67	1012.67	1012.78
	16	1012.63	1012.63	1012.67	1012.70	1012.70	1012.66	1012.63	1012.61	1012.57	1012.56	1012.63	1012.69	1012.64
	17	1012.69	1012.67	1012.67	1012.71	1012.76	1012.77	1012.77	1012.78	1012.75	1012.71	1012.70	1012.71	1012.72
	18	1012.72	1012.71	1012.70	1012.72	1012.75	1012.74	1012.70	1012.69	1012.66	1012.67	1012.73	1012.78	1012.71
	19	1012.80	1012.82	1012.89	1012.94	1012.96	1013.00	1013.04	1013.01	1013.00	1013.04	1013.06	1013.06	1012.97
	20	1013.09	1013.15	1013.19	1013.19	1013.21	1013.23	1013.21	1013.16	1013.11	1013.12	1013.15	1013.15	1013.16
	21	1013.10	1013.08	1013.08	1013.01	1013.01	1013.03	1012.98	1012.96	1012.96	1012.94	1012.91	1012.90	1012.99
	22	1012.92	1012.85	1012.76	1012.76	1012.81	1012.82	1012.77	1012.72	1012.70	1012.70	1012.72	1012.72	1012.77
	23	1012.71	1012.74	1012.77	1012.72	1012.63	1012.62	1012.65	1012.66	1012.57	1012.45	1012.35	1012.27	1012.59
18	0	1012.20	1012.26	1012.33	1012.36	1012.35	1012.30	1012.26	1012.21	1012.16	1012.13	1012.13	1012.12	1012.23
	1	1012.06	1012.06	1012.08	1011.98	1011.91	1011.84	1011.78	1011.72	1011.66	1011.60	1011.55	1011.51	1011.81
	2	1011.43	1011.35	1011.30	1011.25	1011.22	1011.18	1011.14	1011.10	1011.09	1011.09	1011.07	1011.06	1011.19
	3	1011.08	1011.08	1011.08	1011.09	1011.05	1011.04	1011.09	1011.07	1011.03	1011.01	1011.00	1011.00	1011.05
	4	1011.00	1011.00	1011.00	1010.96	1010.92	1010.90	1010.87	1010.88	1010.92	1010.93	1010.95	1010.97	1010.94
	5	1010.94	1010.88	1010.84	1010.86	1010.89	1010.90	1010.90	1010.88	1010.87	1010.90	1010.91	1010.90	1010.89
	6	1010.96	1011.06	1011.09	1011.05	1010.99	1010.96	1010.98	1011.04	1011.09	1011.10	1011.14	1011.16	1011.05
	7	1011.17	1011.15	1011.13	1011.20	1011.24	1011.23	1011.21	1011.25	1011.34	1011.37	1011.33	1011.31	1011.24
	8	1011.33	1011.29	1011.25	1011.23	1011.23	1011.30	1011.32	1011.28	1011.27	1011.29	1011.29	1011.25	1011.27
	9	1011.23	1011.25	1011.27	1011.28	1011.31	1011.31	1011.26	1011.22	1011.21	1011.16	1011.11	1011.08	1011.22
	10	1011.02	1010.98	1010.92	1010.83	1010.77	1010.75	1010.72	1010.65	1010.58	1010.55	1010.51	1010.39	1010.72
	11	1010.32	1010.26	1010.18	1010.16	1010.14	1010.11	1010.05	1009.95	1009.88	1009.85	1009.78	1009.71	1010.03
	12	1009.68	1009.68	1009.69	1009.64	1009.61	1009.64	1009.65	1009.63	1009.59	1009.53	1009.51	1009.50	1009.61
	13	1009.49	1009.46	1009.42	1009.41	1009.38	1009.30	1009.25	1009.24	1009.24	1009.25	1009.25	1009.21	1009.32
	14	1009.20	1009.22	1009.21	1009.20	1009.23	1009.29	1009.34	1009.37	1009.38	1009.35	1009.32	1009.31	1009.28
	15	1009.29	1009.25	1009.20	1009.14	1009.07	1009.05	1009.10	1009.17	1009.21	1009.21	1009.22	1009.24	1009.18
	16	1009.24	1009.23	1009.21	1009.20	1009.21	1009.26	1009.28	1009.26	1009.25	1009.24	1009.20	1009.16	1009.23
	17	1009.16	1009.16	1009.14	1009.12	1009.09	1009.11	1009.15	1009.16	1009.17	1009.21	1009.28	1009.30	1009.17
	18	1009.32	1009.37	1009.40	1009.44	1009.53	1009.56	1009.55	1009.54	1009.58	1009.62	1009.63	1009.64	1009.51
	19	1009.64	1009.66	1009.67	1009.66	1009.72	1009.78	1009.86	1009.90	1009.90	1009.89	1009.90	1009.95	1009.79
	20	1009.98	1010.05	1010.25	1010.41	1010.41	1010.39	1010.40	1010.43	1010.43	1010.39	1010.45	1010.55	1010.34
	21	1010.58	1010.49	1010.31	1010.23	1010.22	1010.22	1010.17	1010.08	1010.02	1010.00	1009.99	1009.98	1010.19
	22	1009.98	1009.98	1009.95	1009.84	1009.71	1009.63	1009.61	1009.57	1009.51	1009.49	1009.52	1009.55	1009.69
	23	1009.55	1009.52	1009.48	1009.48	1009.50	1009.50	1009.50	1009.48	1009.45	1009.41	1009.37	1009.32	1009.46

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
19	0	1009.22	1009.19	1009.12	1009.09	1009.11	1009.12	1009.12	1009.13	1009.14	1009.15	1009.14	1009.12	1009.13
	1	1009.11	1009.11	1009.10	1009.08	1009.07	1009.05	1008.99	1008.92	1008.87	1008.84	1008.81	1008.78	1008.97
	2	1008.77	1008.76	1008.74	1008.71	1008.70	1008.69	1008.66	1008.64	1008.61	1008.59	1008.57	1008.54	1008.66
	3	1008.51	1008.49	1008.47	1008.47	1008.45	1008.44	1008.42	1008.40	1008.40	1008.43	1008.48	1008.46	1008.45
	4	1008.41	1008.41	1008.41	1008.41	1008.45	1008.48	1008.48	1008.50	1008.52	1008.54	1008.56	1008.60	1008.48
	5	1008.63	1008.67	1008.73	1008.77	1008.78	1008.79	1008.80	1008.83	1008.88	1008.91	1008.94	1008.99	1008.81
	6	1009.04	1009.09	1009.13	1009.15	1009.20	1009.22	1009.23	1009.25	1009.25	1009.28	1009.32	1009.39	1009.21
	7	1009.44	1009.45	1009.48	1009.52	1009.55	1009.59	1009.63	1009.64	1009.63	1009.62	1009.64	1009.66	1009.57
	8	1009.66	1009.69	1009.70	1009.67	1009.67	1009.69	1009.72	1009.76	1009.78	1009.78	1009.76	1009.76	1009.72
	9	1009.79	1009.85	1009.87	1009.88	1009.88	1009.84	1009.82	1009.84	1009.83	1009.80	1009.78	1009.75	1009.83
	10	1009.71	1009.66	1009.61	1009.53	1009.46	1009.41	1009.36	1009.30	1009.22	1009.18	1009.17	1009.14	1009.39
	11	1009.09	1009.05	1009.01	1008.93	1008.89	1008.87	1008.85	1008.87	1008.85	1008.83	1008.79	1008.73	1008.89
	12	1008.71	1008.72	1008.73	1008.75	1008.74	1008.68	1008.64	1008.64	1008.67	1008.67	1008.64	1008.60	1008.68
	13	1008.56	1008.55	1008.54	1008.54	1008.55	1008.58	1008.58	1008.56	1008.53	1008.52	1008.54	1008.55	1008.55
	14	1008.54	1008.57	1008.61	1008.65	1008.67	1008.70	1008.77	1008.82	1008.84	1008.84	1008.83	1008.82	1008.72
	15	1008.84	1008.88	1008.96	1009.02	1009.03	1009.02	1009.02	1008.98	1008.92	1008.89	1008.90	1008.91	1008.94
	16	1008.90	1008.93	1008.96	1008.94	1008.96	1008.99	1009.01	1009.06	1009.08	1009.09	1009.13	1009.17	1009.02
	17	1009.25	1009.33	1009.38	1009.40	1009.41	1009.43	1009.46	1009.44	1009.43	1009.43	1009.43	1009.47	1009.40
	18	1009.48	1009.44	1009.44	1009.51	1009.58	1009.60	1009.60	1009.60	1009.61	1009.62	1009.60	1009.59	1009.55
	19	1009.56	1009.56	1009.57	1009.56	1009.53	1009.51	1009.53	1009.56	1009.58	1009.58	1009.58	1009.60	1009.56
	20	1009.59	1009.56	1009.58	1009.60	1009.60	1009.61	1009.64	1009.67	1009.67	1009.65	1009.64	1009.60	1009.62
	21	1009.55	1009.49	1009.47	1009.48	1009.48	1009.51	1009.55	1009.56	1009.58	1009.63	1009.69	1009.73	1009.56
	22	1009.74	1009.73	1009.71	1009.71	1009.72	1009.73	1009.75	1009.78	1009.82	1009.85	1009.85	1009.82	1009.76
	23	1009.76	1009.73	1009.70	1009.64	1009.61	1009.58	1009.53	1009.50	1009.51	1009.51	1009.52	1009.54	1009.59
20	0	1009.52	1009.52	1009.50	1009.46	1009.43	1009.41	1009.43	1009.46	1009.48	1009.48	1009.46	1009.43	1009.46
	1	1009.41	1009.42	1009.45	1009.45	1009.43	1009.43	1009.42	1009.40	1009.38	1009.37	1009.36	1009.34	1009.40
	2	1009.30	1009.26	1009.22	1009.17	1009.14	1009.12	1009.10	1009.07	1009.05	1009.06	1009.04	1009.02	1009.13
	3	1009.00	1009.00	1009.03	1009.06	1009.07	1009.08	1009.11	1009.15	1009.17	1009.18	1009.18	1009.20	1009.10
	4	1009.23	1009.24	1009.23	1009.23	1009.25	1009.28	1009.30	1009.32	1009.32	1009.34	1009.37	1009.38	1009.29
	5	1009.41	1009.43	1009.45	1009.47	1009.49	1009.52	1009.53	1009.55	1009.60	1009.62	1009.63	1009.64	1009.53
	6	1009.64	1009.63	1009.65	1009.71	1009.76	1009.81	1009.89	1009.95	1010.01	1010.05	1010.09	1010.16	1009.86
	7	1010.24	1010.34	1010.38	1010.41	1010.44	1010.47	1010.53	1010.55	1010.56	1010.61	1010.64	1010.66	1010.48
	8	1010.69	1010.69	1010.68	1010.72	1010.76	1010.81	1010.87	1010.91	1010.93	1010.93	1010.94	1010.95	1010.82
	9	1010.95	1010.94	1010.96	1010.99	1011.03	1011.06	1011.07	1011.07	1011.07	1011.07	1011.05	1011.01	1011.02
	10	1010.99	1010.98	1010.99	1011.01	1010.99	1010.96	1010.97	1010.95	1010.91	1010.89	1010.87	1010.87	1010.95
	11	1010.84	1010.80	1010.79	1010.78	1010.76	1010.74	1010.72	1010.69	1010.67	1010.68	1010.68	1010.66	1010.73
	12	1010.65	1010.66	1010.67	1010.67	1010.66	1010.64	1010.61	1010.58	1010.58	1010.59	1010.61	1010.65	1010.63
	13	1010.70	1010.74	1010.75	1010.76	1010.79	1010.83	1010.86	1010.90	1010.96	1011.03	1011.10	1011.13	1010.88
	14	1011.13	1011.14	1011.16	1011.21	1011.26	1011.31	1011.35	1011.38	1011.40	1011.41	1011.41	1011.43	1011.30
	15	1011.44	1011.44	1011.45	1011.46	1011.48	1011.51	1011.56	1011.60	1011.60	1011.63	1011.68	1011.71	1011.55
	16	1011.74	1011.79	1011.86	1011.91	1011.94	1011.96	1011.99	1012.04	1012.07	1012.08	1012.11	1012.14	1011.97
	17	1012.16	1012.18	1012.21	1012.25	1012.30	1012.32	1012.34	1012.35	1012.36	1012.36	1012.37	1012.40	1012.30
	18	1012.43	1012.43	1012.42	1012.43	1012.48	1012.53	1012.57	1012.59	1012.58	1012.57	1012.59	1012.63	1012.52
	19	1012.68	1012.73	1012.74	1012.75	1012.76	1012.81	1012.87	1012.86	1012.82	1012.82	1012.83	1012.85	1012.79
	20	1012.92	1012.98	1013.00	1013.04	1013.11	1013.14	1013.18	1013.23	1013.26	1013.26	1013.25	1013.26	1013.13
	21	1013.28	1013.32	1013.33	1013.35	1013.35	1013.32	1013.28	1013.31	1013.35	1013.38	1013.39	1013.38	1013.33
	22	1013.38	1013.35	1013.34	1013.37	1013.39	1013.42	1013.46	1013.48	1013.44	1013.42	1013.45	1013.48	1013.41
	23	1013.49	1013.45	1013.41	1013.42	1013.44	1013.43	1013.41	1013.37	1013.36	1013.38	1013.40	1013.41	1013.41

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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	1013.45	1013.47	1013.51	1013.52	1013.53	1013.55	1013.56	1013.59	1013.64	1013.70	1013.73	1013.75	1013.59	
	1	1013.80	1013.83	1013.84	1013.88	1013.91	1013.96	1013.97	1013.95	1013.96	1013.98	1013.99	1013.99	1013.92	
	2	1013.98	1013.95	1013.93	1013.92	1013.92	1013.90	1013.89	1013.88	1013.87	1013.87	1013.89	1013.90	1013.91	
	3	1013.89	1013.85	1013.80	1013.78	1013.77	1013.78	1013.82	1013.85	1013.90	1013.93	1013.98	1014.02	1013.86	
	4	1014.02	1014.00	1013.95	1013.95	1014.00	1014.04	1014.03	1013.99	1013.95	1013.96	1014.03	1014.07	1014.00	
	5	1014.06	1014.06	1014.13	1014.24	1014.29	1014.30	1014.33	1014.35	1014.36	1014.38	1014.40	1014.42	1014.27	
	6	1014.42	1014.44	1014.50	1014.56	1014.60	1014.63	1014.65	1014.68	1014.71	1014.70	1014.68	1014.69	1014.60	
	7	1014.74	1014.79	1014.83	1014.88	1014.92	1014.96	1014.99	1014.98	1014.97	1014.99	1015.05	1015.09	1014.93	
	8	1015.12	1015.17	1015.20	1015.20	1015.21	1015.24	1015.25	1015.24	1015.26	1015.30	1015.38	1015.45	1015.25	
	9	1015.50	1015.54	1015.59	1015.61	1015.63	1015.63	1015.61	1015.61	1015.62	1015.63	1015.58	1015.53	1015.59	
	10	1015.53	1015.55	1015.54	1015.54	1015.55	1015.56	1015.56	1015.55	1015.56	1015.55	1015.55	1015.55	1015.54	1015.55
	11	1015.49	1015.44	1015.41	1015.40	1015.39	1015.36	1015.35	1015.36	1015.34	1015.32	1015.31	1015.28	1015.37	
	12	1015.27	1015.29	1015.30	1015.29	1015.28	1015.28	1015.29	1015.32	1015.36	1015.39	1015.42	1015.43	1015.32	
	13	1015.41	1015.40	1015.43	1015.45	1015.45	1015.42	1015.39	1015.40	1015.41	1015.42	1015.42	1015.43	1015.42	
	14	1015.45	1015.47	1015.45	1015.43	1015.44	1015.42	1015.41	1015.40	1015.42	1015.49	1015.56	1015.60	1015.46	
	15	1015.60	1015.59	1015.58	1015.60	1015.64	1015.67	1015.72	1015.76	1015.81	1015.87	1015.96	1016.08	1015.74	
	16	1016.16	1016.23	1016.27	1016.31	1016.35	1016.37	1016.39	1016.43	1016.48	1016.52	1016.55	1016.57	1016.38	
	17	1016.59	1016.64	1016.68	1016.73	1016.77	1016.74	1016.72	1016.73	1016.70	1016.66	1016.70	1016.76	1016.70	
	18	1016.76	1016.76	1016.81	1016.88	1016.92	1016.96	1016.98	1016.97	1016.96	1016.99	1017.02	1017.00	1016.91	
	19	1017.00	1017.04	1017.08	1017.11	1017.10	1017.11	1017.17	1017.25	1017.30	1017.32	1017.36	1017.43	1017.19	
	20	1017.49	1017.55	1017.62	1017.68	1017.69	1017.74	1017.77	1017.71	1017.67	1017.69	1017.71	1017.73	1017.67	
21	1017.73	1017.73	1017.75	1017.74	1017.74	1017.80	1017.86	1017.93	1017.98	1018.02	1018.06	1018.08	1017.86		
22	1018.13	1018.19	1018.18	1018.15	1018.14	1018.14	1018.15	1018.20	1018.27	1018.31	1018.30	1018.32	1018.20		
23	1018.36	1018.39	1018.40	1018.40	1018.41	1018.46	1018.52	1018.57	1018.62	1018.62	1018.61	1018.59	1018.49		
22	0	1018.59	1018.60	1018.65	1018.71	1018.72	1018.77	1018.83	1018.84	1018.85	1018.92	1019.01	1019.02	1018.80	
	1	1018.98	1018.96	1018.98	1019.00	1019.04	1019.09	1019.12	1019.12	1019.13	1019.15	1019.15	1019.15	1019.07	
	2	1019.17	1019.17	1019.11	1019.06	1019.06	1019.08	1019.07	1019.05	1019.06	1019.07	1019.06	1019.07	1019.08	
	3	1019.06	1019.05	1019.07	1019.02	1018.99	1019.05	1019.15	1019.22	1019.27	1019.33	1019.40	1019.47	1019.17	
	4	1019.49	1019.49	1019.47	1019.47	1019.53	1019.59	1019.61	1019.67	1019.76	1019.83	1019.83	1019.81	1019.63	
	5	1019.83	1019.88	1019.93	1019.93	1019.92	1019.92	1019.89	1019.87	1019.90	1019.96	1020.00	1020.03	1019.92	
	6	1020.08	1020.12	1020.14	1020.16	1020.22	1020.28	1020.32	1020.36	1020.42	1020.42	1020.44	1020.47	1020.28	
	7	1020.52	1020.54	1020.48	1020.48	1020.55	1020.63	1020.70	1020.72	1020.74	1020.79	1020.89	1020.99	1020.67	
	8	1021.09	1021.16	1021.17	1021.17	1021.18	1021.21	1021.25	1021.25	1021.23	1021.26	1021.30	1021.32	1021.21	
	9	1021.31	1021.31	1021.34	1021.36	1021.36	1021.36	1021.40	1021.44	1021.46	1021.48	1021.48	1021.47	1021.40	
	10	1021.49	1021.50	1021.48	1021.42	1021.33	1021.24	1021.17	1021.08	1021.01	1020.96	1020.92	1020.87	1021.20	
	11	1020.83	1020.78	1020.69	1020.68	1020.71	1020.67	1020.61	1020.54	1020.45	1020.42	1020.41	1020.36	1020.59	
	12	1020.29	1020.22	1020.15	1020.07	1020.05	1020.06	1020.05	1020.03	1019.97	1019.91	1019.87	1019.83	1020.04	
13	1019.79	1019.74	1019.73	1019.77	1019.80	1019.81	1019.80	1019.79	1019.79	1019.80	1019.81	1019.79	1019.78		
14	1019.79	1019.82	1019.86	1019.90	1019.94	1019.99	1020.05	1020.08	1020.08	1020.09	1020.12	1020.13	1019.99		
15	1020.14	1020.16	1020.16	1020.15	1020.15	1020.16	1020.15	1020.18	1020.20	1020.18	1020.18	1020.16	1020.16		
16	1020.14	1020.14	1020.13	1020.13	1020.14	1020.17	1020.20	1020.24	1020.30	1020.34	1020.33	1020.29	1020.21		
17	1020.28	1020.30	1020.31	1020.37	1020.43	1020.42	1020.45	1020.51	1020.54	1020.55	1020.56	1020.60	1020.44		
18	1020.63	1020.63	1020.61	1020.58	1020.58	1020.62	1020.66	1020.69	1020.68	1020.68	1020.72	1020.77	1020.65		
19	1020.77	1020.77	1020.77	1020.76	1020.75	1020.74	1020.72	1020.74	1020.77	1020.80	1020.82	1020.83	1020.77		
20	1020.83	1020.81	1020.76	1020.73	1020.73	1020.75	1020.75	1020.74	1020.75	1020.72	1020.68	1020.66	1020.74		
21	1020.66	1020.67	1020.70	1020.75	1020.76	1020.78	1020.82	1020.83	1020.83	1020.81	1020.78	1020.76	1020.76		
22	1020.73	1020.72	1020.71	1020.70	1020.71	1020.73	1020.74	1020.75	1020.76	1020.76	1020.78	1020.82	1020.74		
23	1020.83	1020.83	1020.83	1020.82	1020.78	1020.75	1020.74	1020.76	1020.74	1020.70	1020.70	1020.72	1020.77		

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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	1020.64	1020.61	1020.60	1020.63	1020.67	1020.70	1020.67	1020.62	1020.63	1020.67	1020.69	1020.67	1020.65
	1	1020.66	1020.72	1020.78	1020.83	1020.90	1020.92	1020.93	1020.93	1020.90	1020.87	1020.82	1020.82	1020.84
	2	1020.80	1020.78	1020.79	1020.74	1020.69	1020.64	1020.64	1020.63	1020.51	1020.43	1020.41	1020.34	1020.61
	3	1020.32	1020.41	1020.50	1020.57	1020.59	1020.54	1020.44	1020.41	1020.42	1020.33	1020.25	1020.28	1020.42
	4	1020.30	1020.30	1020.33	1020.38	1020.47	1020.53	1020.55	1020.55	1020.50	1020.53	1020.66	1020.76	1020.49
	5	1020.82	1020.87	1020.87	1020.86	1020.79	1020.76	1020.77	1020.80	1020.86	1020.87	1020.87	1020.85	1020.83
	6	1020.86	1020.89	1020.95	1021.03	1021.07	1021.13	1021.20	1021.25	1021.27	1021.29	1021.31	1021.36	1021.13
	7	1021.42	1021.45	1021.49	1021.53	1021.57	1021.61	1021.63	1021.65	1021.66	1021.67	1021.67	1021.66	1021.58
	8	1021.66	1021.67	1021.71	1021.79	1021.86	1021.89	1021.91	1021.92	1021.93	1021.98	1022.04	1022.05	1021.86
	9	1022.03	1022.00	1021.98	1022.00	1022.03	1022.04	1021.99	1021.97	1022.00	1021.98	1021.95	1021.93	1021.99
	10	1021.89	1021.83	1021.75	1021.68	1021.64	1021.62	1021.59	1021.52	1021.44	1021.38	1021.33	1021.29	1021.58
	11	1021.27	1021.26	1021.21	1021.12	1021.05	1020.97	1020.90	1020.89	1020.92	1020.92	1020.89	1020.86	1021.02
	12	1020.82	1020.75	1020.70	1020.70	1020.72	1020.74	1020.75	1020.75	1020.76	1020.79	1020.79	1020.77	1020.75
	13	1020.76	1020.76	1020.71	1020.66	1020.67	1020.69	1020.67	1020.67	1020.66	1020.61	1020.61	1020.62	1020.67
	14	1020.64	1020.65	1020.64	1020.63	1020.66	1020.74	1020.84	1020.88	1020.87	1020.87	1020.89	1020.90	1020.77
	15	1020.90	1020.89	1020.88	1020.88	1020.89	1020.94	1020.98	1020.98	1021.01	1021.05	1021.09	1021.12	1020.97
	16	1021.14	1021.18	1021.24	1021.27	1021.29	1021.33	1021.36	1021.40	1021.44	1021.47	1021.52	1021.56	1021.35
	17	1021.58	1021.59	1021.60	1021.60	1021.60	1021.60	1021.62	1021.62	1021.64	1021.69	1021.74	1021.79	1021.64
	18	1021.85	1021.89	1021.93	1021.96	1021.96	1021.98	1022.02	1022.05	1022.08	1022.11	1022.14	1022.15	1022.01
	19	1022.19	1022.24	1022.27	1022.29	1022.27	1022.30	1022.36	1022.40	1022.40	1022.40	1022.44	1022.50	1022.34
	20	1022.54	1022.54	1022.55	1022.61	1022.67	1022.72	1022.72	1022.71	1022.73	1022.73	1022.72	1022.73	1022.66
	21	1022.76	1022.77	1022.79	1022.83	1022.84	1022.87	1022.90	1022.89	1022.84	1022.85	1022.88	1022.87	1022.84
	22	1022.86	1022.87	1022.89	1022.92	1022.95	1022.98	1023.01	1023.04	1023.05	1023.07	1023.08	1023.06	1022.98
	23	1023.05	1023.07	1023.09	1023.10	1023.11	1023.10	1023.07	1023.04	1022.98	1022.93	1022.90	1022.90	1023.03
24	0	1022.92	1022.94	1022.99	1022.99	1022.95	1022.95	1022.92	1022.89	1022.89	1022.88	1022.83	1022.77	1022.91
	1	1022.74	1022.76	1022.79	1022.79	1022.80	1022.78	1022.73	1022.70	1022.70	1022.70	1022.68	1022.63	1022.73
	2	1022.59	1022.53	1022.48	1022.47	1022.49	1022.50	1022.50	1022.48	1022.46	1022.42	1022.38	1022.36	1022.47
	3	1022.38	1022.43	1022.45	1022.44	1022.44	1022.44	1022.45	1022.45	1022.46	1022.50	1022.53	1022.54	1022.46
	4	1022.54	1022.54	1022.52	1022.51	1022.52	1022.50	1022.46	1022.46	1022.47	1022.46	1022.45	1022.46	1022.49
	5	1022.47	1022.50	1022.54	1022.53	1022.52	1022.55	1022.59	1022.60	1022.59	1022.61	1022.62	1022.63	1022.56
	6	1022.64	1022.68	1022.67	1022.68	1022.73	1022.75	1022.77	1022.82	1022.86	1022.90	1022.92	1022.92	1022.78
	7	1022.96	1022.98	1022.97	1022.99	1023.05	1023.09	1023.12	1023.17	1023.24	1023.33	1023.44	1023.50	1023.15
	8	1023.50	1023.48	1023.47	1023.49	1023.51	1023.49	1023.48	1023.46	1023.46	1023.46	1023.41	1023.39	1023.46
	9	1023.44	1023.51	1023.56	1023.59	1023.59	1023.59	1023.60	1023.59	1023.54	1023.52	1023.51	1023.45	1023.54
	10	1023.40	1023.34	1023.28	1023.24	1023.17	1023.08	1023.00	1022.94	1022.88	1022.83	1022.78	1022.74	1023.05
	11	1022.73	1022.74	1022.72	1022.69	1022.67	1022.65	1022.61	1022.56	1022.49	1022.44	1022.40	1022.34	1022.58
	12	1022.28	1022.22	1022.15	1022.10	1022.08	1022.06	1022.04	1022.02	1021.99	1022.01	1022.03	1022.03	1022.08
	13	1022.02	1022.01	1022.01	1021.99	1021.96	1021.96	1021.97	1021.96	1021.96	1021.98	1021.98	1021.97	1021.98
	14	1022.02	1022.05	1022.04	1022.04	1022.05	1022.06	1022.05	1022.06	1022.05	1022.04	1022.04	1022.04	1022.04
	15	1022.02	1022.00	1021.99	1021.98	1021.99	1022.01	1022.02	1022.06	1022.08	1022.10	1022.13	1022.11	1022.04
	16	1022.09	1022.10	1022.12	1022.13	1022.14	1022.15	1022.16	1022.15	1022.17	1022.18	1022.20	1022.24	1022.15
	17	1022.28	1022.30	1022.31	1022.30	1022.28	1022.29	1022.32	1022.35	1022.36	1022.40	1022.43	1022.42	1022.33
	18	1022.43	1022.43	1022.42	1022.42	1022.43	1022.45	1022.49	1022.51	1022.50	1022.50	1022.51	1022.52	1022.47
	19	1022.51	1022.51	1022.50	1022.49	1022.48	1022.48	1022.50	1022.55	1022.59	1022.62	1022.63	1022.64	1022.54
	20	1022.66	1022.68	1022.70	1022.72	1022.73	1022.73	1022.75	1022.76	1022.76	1022.75	1022.76	1022.78	1022.73
	21	1022.79	1022.82	1022.83	1022.84	1022.87	1022.89	1022.89	1022.87	1022.83	1022.80	1022.81	1022.84	1022.84
	22	1022.82	1022.80	1022.78	1022.74	1022.74	1022.79	1022.78	1022.75	1022.75	1022.74	1022.77	1022.81	1022.77
	23	1022.82	1022.78	1022.75	1022.77	1022.77	1022.74	1022.71	1022.68	1022.64	1022.61	1022.59	1022.56	1022.70

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
25	0	1022.53	1022.53	1022.51	1022.47	1022.42	1022.40	1022.38	1022.41	1022.45	1022.50	1022.58	1022.61	1022.48
	1	1022.59	1022.60	1022.62	1022.64	1022.65	1022.63	1022.61	1022.62	1022.61	1022.58	1022.54	1022.52	1022.60
	2	1022.49	1022.45	1022.41	1022.40	1022.40	1022.40	1022.40	1022.37	1022.33	1022.27	1022.24	1022.23	1022.36
	3	1022.20	1022.19	1022.18	1022.17	1022.17	1022.17	1022.15	1022.12	1022.12	1022.15	1022.17	1022.20	1022.16
	4	1022.24	1022.25	1022.22	1022.21	1022.23	1022.24	1022.26	1022.27	1022.25	1022.25	1022.29	1022.33	1022.25
	5	1022.37	1022.40	1022.42	1022.45	1022.49	1022.55	1022.62	1022.65	1022.68	1022.70	1022.69	1022.69	1022.56
	6	1022.71	1022.73	1022.74	1022.72	1022.70	1022.69	1022.70	1022.74	1022.80	1022.82	1022.83	1022.85	1022.75
	7	1022.87	1022.92	1022.96	1022.98	1022.97	1022.94	1022.94	1022.95	1022.94	1022.94	1022.95	1022.95	1022.94
	8	1022.95	1022.95	1022.97	1022.97	1022.99	1023.01	1022.98	1022.95	1022.94	1022.93	1022.91	1022.90	1022.95
	9	1022.92	1022.96	1022.95	1022.93	1022.95	1022.97	1022.96	1022.93	1022.88	1022.82	1022.80	1022.78	1022.90
	10	1022.73	1022.67	1022.63	1022.57	1022.49	1022.43	1022.37	1022.32	1022.29	1022.29	1022.27	1022.21	1022.44
	11	1022.14	1022.10	1022.06	1021.99	1021.91	1021.81	1021.71	1021.62	1021.58	1021.53	1021.47	1021.44	1021.78
	12	1021.39	1021.31	1021.24	1021.18	1021.13	1021.07	1021.00	1020.92	1020.87	1020.83	1020.80	1020.76	1021.04
	13	1020.74	1020.72	1020.69	1020.66	1020.61	1020.58	1020.57	1020.57	1020.55	1020.54	1020.53	1020.52	1020.61
	14	1020.53	1020.53	1020.53	1020.52	1020.52	1020.53	1020.51	1020.49	1020.48	1020.47	1020.47	1020.46	1020.50
	15	1020.44	1020.42	1020.41	1020.42	1020.43	1020.44	1020.47	1020.50	1020.53	1020.56	1020.58	1020.60	1020.48
	16	1020.63	1020.64	1020.64	1020.64	1020.62	1020.63	1020.66	1020.68	1020.71	1020.75	1020.79	1020.83	1020.68
	17	1020.89	1020.96	1021.02	1021.04	1021.04	1021.05	1021.06	1021.06	1021.06	1021.07	1021.08	1021.11	1021.04
	18	1021.14	1021.14	1021.16	1021.19	1021.21	1021.20	1021.18	1021.16	1021.15	1021.14	1021.14	1021.15	1021.16
	19	1021.15	1021.15	1021.15	1021.15	1021.17	1021.20	1021.23	1021.25	1021.26	1021.25	1021.23	1021.21	1021.20
	20	1021.21	1021.18	1021.16	1021.15	1021.14	1021.16	1021.20	1021.24	1021.27	1021.33	1021.37	1021.37	1021.23
	21	1021.33	1021.31	1021.29	1021.27	1021.25	1021.26	1021.29	1021.31	1021.32	1021.31	1021.28	1021.25	1021.29
	22	1021.25	1021.26	1021.25	1021.25	1021.24	1021.21	1021.17	1021.16	1021.15	1021.13	1021.11	1021.09	1021.19
	23	1021.08	1021.09	1021.09	1021.05	1020.99	1020.96	1020.94	1020.91	1020.87	1020.85	1020.81	1020.77	1020.95
26	0	1020.74	1020.74	1020.74	1020.75	1020.77	1020.79	1020.78	1020.76	1020.74	1020.71	1020.70	1020.73	1020.74
	1	1020.77	1020.79	1020.78	1020.73	1020.67	1020.65	1020.67	1020.66	1020.60	1020.58	1020.54	1020.50	1020.66
	2	1020.51	1020.48	1020.42	1020.39	1020.34	1020.30	1020.25	1020.19	1020.15	1020.12	1020.11	1020.10	1020.28
	3	1020.06	1020.03	1020.01	1019.97	1019.95	1019.95	1019.97	1020.02	1020.04	1020.03	1019.99	1019.95	1020.00
	4	1019.94	1019.94	1019.94	1019.94	1019.90	1019.88	1019.88	1019.89	1019.91	1019.91	1019.91	1019.94	1019.91
	5	1020.03	1020.13	1020.19	1020.24	1020.27	1020.28	1020.31	1020.38	1020.46	1020.51	1020.53	1020.54	1020.32
	6	1020.55	1020.56	1020.54	1020.55	1020.58	1020.60	1020.62	1020.63	1020.64	1020.66	1020.69	1020.71	1020.61
	7	1020.72	1020.72	1020.72	1020.71	1020.70	1020.67	1020.67	1020.68	1020.67	1020.63	1020.60	1020.56	1020.67
	8	1020.49	1020.45	1020.44	1020.46	1020.44	1020.39	1020.36	1020.31	1020.28	1020.28	1020.27	1020.31	1020.37
	9	1020.34	1020.31	1020.30	1020.27	1020.23	1020.22	1020.22	1020.17	1020.06	1019.97	1019.89	1019.76	1020.14
	10	1019.62	1019.46	1019.31	1019.25	1019.23	1019.19	1019.14	1019.08	1019.01	1018.93	1018.85	1018.78	1019.15
	11	1018.70	1018.61	1018.54	1018.49	1018.43	1018.37	1018.31	1018.23	1018.15	1018.07	1018.02	1017.97	1018.32
	12	1017.91	1017.86	1017.81	1017.77	1017.72	1017.67	1017.63	1017.58	1017.50	1017.44	1017.38	1017.35	1017.63
	13	1017.31	1017.24	1017.18	1017.12	1017.09	1017.08	1017.06	1017.03	1016.99	1016.96	1016.93	1016.92	1017.07
	14	1016.89	1016.87	1016.88	1016.92	1016.95	1016.98	1016.98	1016.96	1016.96	1016.96	1016.95	1016.93	1016.93
	15	1016.91	1016.90	1016.90	1016.90	1016.87	1016.87	1016.88	1016.88	1016.85	1016.82	1016.80	1016.77	1016.86
	16	1016.73	1016.72	1016.75	1016.74	1016.71	1016.70	1016.68	1016.64	1016.60	1016.56	1016.53	1016.51	1016.65
	17	1016.53	1016.54	1016.56	1016.54	1016.50	1016.47	1016.44	1016.42	1016.39	1016.36	1016.33	1016.33	1016.45
	18	1016.36	1016.33	1016.27	1016.23	1016.22	1016.25	1016.25	1016.22	1016.20	1016.18	1016.15	1016.14	1016.23
	19	1016.13	1016.10	1016.08	1016.06	1016.03	1016.04	1016.08	1016.11	1016.12	1016.13	1016.13	1016.13	1016.09
	20	1016.11	1016.08	1016.05	1016.01	1016.01	1016.03	1016.04	1016.04	1016.04	1016.06	1016.07	1016.08	1016.05
	21	1016.06	1016.05	1016.02	1015.96	1015.93	1015.89	1015.86	1015.82	1015.78	1015.77	1015.78	1015.76	1015.89
	22	1015.73	1015.72	1015.71	1015.67	1015.66	1015.65	1015.64	1015.62	1015.57	1015.50	1015.43	1015.37	1015.60
	23	1015.34	1015.31	1015.24	1015.11	1014.96	1014.85	1014.79	1014.78	1014.76	1014.72	1014.65	1014.54	1014.92

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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	1014.44	1014.39	1014.26	1014.14	1014.09	1014.04	1013.99	1013.96	1013.94	1013.92	1013.91	1013.90	1014.06
	1	1013.91	1013.93	1013.90	1013.81	1013.72	1013.60	1013.52	1013.50	1013.49	1013.47	1013.41	1013.35	1013.63
	2	1013.31	1013.27	1013.22	1013.16	1013.13	1013.10	1013.11	1013.11	1013.06	1012.98	1012.88	1012.83	1013.09
	3	1012.80	1012.79	1012.74	1012.67	1012.59	1012.50	1012.42	1012.40	1012.42	1012.40	1012.37	1012.34	1012.53
	4	1012.27	1012.18	1012.13	1012.16	1012.15	1012.08	1012.03	1011.99	1011.94	1011.94	1011.93	1011.87	1012.05
	5	1011.80	1011.72	1011.65	1011.56	1011.52	1011.49	1011.44	1011.44	1011.46	1011.46	1011.40	1011.33	1011.52
	6	1011.34	1011.37	1011.42	1011.44	1011.40	1011.36	1011.31	1011.24	1011.20	1011.16	1011.14	1011.13	1011.29
	7	1011.11	1011.14	1011.13	1011.06	1010.96	1010.90	1010.90	1010.88	1010.86	1010.84	1010.79	1010.75	1010.94
	8	1010.72	1010.66	1010.65	1010.71	1010.76	1010.84	1010.83	1010.74	1010.71	1010.72	1010.72	1010.71	1010.73
	9	1010.71	1010.67	1010.71	1010.71	1010.65	1010.66	1010.68	1010.64	1010.57	1010.48	1010.44	1010.44	1010.61
	10	1010.36	1010.23	1010.13	1009.99	1009.87	1009.77	1009.64	1009.55	1009.50	1009.46	1009.36	1009.29	1009.76
	11	1009.19	1009.07	1009.03	1008.85	1008.63	1008.70	1008.75	1008.58	1008.48	1008.46	1008.42	1008.40	1008.71
	12	1008.34	1008.23	1008.16	1008.10	1008.08	1008.05	1007.98	1007.90	1007.83	1007.66	1007.53	1007.46	1007.94
	13	1007.40	1007.39	1007.29	1007.19	1007.14	1007.09	1007.13	1007.15	1007.17	1007.22	1007.12	1006.95	1007.18
	14	1006.85	1006.78	1006.72	1006.69	1006.70	1006.76	1006.76	1006.75	1006.77	1006.78	1006.80	1006.70	1006.75
	15	1006.55	1006.46	1006.44	1006.40	1006.29	1006.22	1006.18	1006.10	1006.01	1005.96	1005.94	1005.92	1006.20
	16	1005.88	1005.83	1005.81	1005.74	1005.65	1005.62	1005.64	1005.62	1005.58	1005.51	1005.42	1005.36	1005.64
	17	1005.27	1005.19	1005.15	1005.06	1004.95	1004.92	1004.87	1004.86	1004.96	1005.01	1005.06	1005.21	1005.04
	18	1005.36	1005.38	1005.37	1005.32	1005.30	1005.28	1005.25	1005.25	1005.27	1005.33	1005.31	1005.29	1005.31
	19	1005.30	1005.23	1005.20	1005.20	1005.20	1005.19	1005.15	1005.09	1004.99	1004.94	1004.95	1004.93	1005.11
	20	1004.94	1004.99	1005.03	1005.01	1004.99	1004.99	1004.95	1004.91	1004.91	1004.87	1004.80	1004.77	1004.93
	21	1004.78	1004.68	1004.54	1004.49	1004.46	1004.38	1004.36	1004.41	1004.35	1004.26	1004.20	1004.15	1004.42
	22	1004.11	1004.00	1003.94	1003.88	1003.85	1003.84	1003.76	1003.70	1003.64	1003.54	1003.47	1003.38	1003.76
	23	1003.32	1003.24	1003.14	1003.08	1003.05	1002.99	1002.91	1002.83	1002.75	1002.67	1002.58	1002.47	1002.92
28	0	1002.30	1002.27	1002.18	1002.10	1002.04	1001.91	1001.81	1001.72	1001.62	1001.55	1001.44	1001.41	1001.84
	1	1001.39	1001.36	1001.37	1001.38	1001.37	1001.32	1001.28	1001.22	1001.13	1001.04	1000.92	1000.76	1001.21
	2	1000.69	1000.61	1000.53	1000.47	1000.34	1000.22	1000.15	1000.05	1000.04	1000.08	1000.06	999.92	1000.26
	3	999.65	999.43	999.29	999.11	998.93	998.77	998.67	998.62	998.53	998.45	998.36	998.24	998.84
	4	998.18	998.13	998.00	997.87	997.74	997.53	997.36	997.16	997.00	996.93	996.79	996.73	997.45
	5	996.67	996.61	996.64	996.59	996.48	996.32	996.11	995.85	995.60	995.45	995.36	995.24	996.07
	6	995.03	994.89	994.80	994.57	994.38	994.31	994.18	994.09	994.02	994.07	994.08	993.87	994.36
	7	993.68	993.50	993.30	993.27	993.31	993.12	992.93	992.95	992.94	992.88	992.78	992.67	993.11
	8	992.62	992.55	992.51	992.51	992.53	992.53	992.46	992.40	992.35	992.24	992.16	992.08	992.41
	9	992.06	992.00	991.86	991.86	991.83	991.56	991.39	991.48	991.65	991.60	991.43	991.39	991.67
	10	991.47	991.64	991.63	991.58	991.60	991.50	991.22	990.99	991.00	991.12	991.19	991.23	991.34
	11	991.26	991.24	991.11	990.98	990.97	990.91	990.84	990.81	990.75	990.73	990.97	991.06	990.97
	12	991.00	991.06	990.98	990.93	990.87	990.76	990.85	990.98	990.88	990.72	990.72	990.85	990.88
	13	990.88	990.81	990.78	990.78	990.74	990.72	990.87	991.04	991.07	991.14	991.24	991.26	990.94
	14	991.26	991.27	991.31	991.34	991.33	991.34	991.36	991.41	991.50	991.55	991.55	991.53	991.39
	15	991.47	991.40	991.40	991.37	991.34	991.35	991.46	991.64	991.75	991.79	991.79	991.80	991.55
	16	991.79	991.70	991.62	991.62	991.61	991.61	991.57	991.54	991.55	991.53	991.50	991.60	991.60
	17	991.97	992.18	992.10	991.95	991.87	991.80	991.70	991.65	991.68	991.79	991.84	991.74	991.85
	18	991.69	991.72	991.75	991.73	991.69	991.70	991.76	991.79	991.79	991.76	991.74	991.73	991.74
	19	991.70	991.74	991.80	991.84	991.90	991.95	991.94	991.90	991.90	991.94	992.17	992.31	991.92
	20	992.32	992.37	992.29	992.30	992.38	992.46	992.61	992.69	992.64	992.60	992.56	992.59	992.48
	21	992.67	992.68	992.64	992.75	992.82	992.72	992.63	992.62	992.61	992.63	992.70	992.70	992.68
	22	992.68	992.67	992.62	992.51	992.49	992.59	992.61	992.55	992.47	992.44	992.47	992.55	992.55
	23	992.65	992.64	992.61	992.66	992.60	992.53	992.57	992.53	992.42	992.34	992.23	992.21	992.50

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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
29	0	992.14	992.13	992.13	992.08	992.04	992.04	992.03	991.97	991.92	991.91	991.96	992.00	992.02
	1	991.88	991.83	991.94	991.96	991.95	991.97	992.03	992.11	992.08	991.96	991.84	991.87	991.95
	2	991.88	991.80	991.85	991.84	991.74	991.65	991.66	991.74	991.57	991.41	991.39	991.35	991.65
	3	991.32	991.33	991.33	991.30	991.26	991.21	991.38	991.37	991.15	991.12	991.06	991.01	991.23
	4	990.99	991.03	991.08	991.13	991.19	991.25	991.28	991.25	991.24	991.27	991.27	991.25	991.18
	5	991.23	991.21	991.23	991.26	991.23	991.18	991.13	991.07	990.99	990.94	990.88	990.79	991.09
	6	990.72	990.68	990.80	990.86	990.81	990.82	990.75	990.71	990.72	990.71	990.71	990.74	990.75
	7	990.78	990.81	990.77	990.74	990.76	990.75	990.72	990.72	990.72	990.70	990.64	990.61	990.73
	8	990.59	990.62	990.70	990.75	990.75	990.70	990.65	990.55	990.48	990.46	990.43	990.46	990.59
	9	990.57	990.89	991.25	991.42	991.38	991.24	991.27	991.33	991.30	991.24	991.14	991.01	991.17
	10	990.98	990.91	990.79	990.74	990.82	991.14	991.21	990.97	990.81	990.80	990.73	990.54	990.87
	11	990.41	990.27	990.13	990.00	989.95	989.92	989.89	989.87	989.84	989.82	989.79	989.81	989.97
	12	989.97	990.00	989.80	989.66	989.63	989.57	989.42	989.34	989.28	989.21	989.22	989.23	989.53
	13	989.18	989.11	988.99	988.98	989.20	989.25	989.16	989.19	989.18	989.15	989.09	989.06	989.13
	14	989.07	989.06	989.05	989.10	989.13	989.10	989.11	989.14	989.17	989.19	989.17	989.13	989.12
	15	989.16	989.23	989.25	989.29	989.33	989.34	989.38	989.42	989.39	989.30	989.27	989.29	989.30
	16	989.34	989.39	989.45	989.57	989.70	989.75	989.73	989.72	989.70	989.73	989.85	989.99	989.66
	17	990.01	989.99	989.98	989.95	989.92	989.91	989.97	990.03	990.08	990.12	990.10	990.11	990.01
	18	990.15	990.23	990.33	990.31	990.26	990.28	990.44	990.68	990.84	990.94	991.06	991.11	990.55
	19	991.14	991.19	991.25	991.33	991.39	991.46	991.54	991.56	991.61	991.70	991.74	991.74	991.47
	20	991.76	991.81	991.87	991.98	992.10	992.14	992.09	992.06	992.09	992.09	992.09	992.14	992.02
	21	992.17	992.18	992.23	992.31	992.36	992.39	992.42	992.43	992.47	992.52	992.57	992.61	992.39
	22	992.64	992.66	992.70	992.73	992.69	992.68	992.70	992.75	992.85	992.93	992.91	992.90	992.76
	23	992.94	993.00	993.11	993.17	993.19	993.25	993.31	993.37	993.43	993.46	993.45	993.43	993.26
30	0	993.52	993.51	993.50	993.49	993.50	993.56	993.61	993.64	993.71	993.77	993.81	993.88	993.63
	1	993.96	994.05	994.14	994.22	994.32	994.40	994.42	994.35	994.26	994.28	994.38	994.45	994.27
	2	994.43	994.35	994.30	994.29	994.25	994.21	994.24	994.26	994.28	994.29	994.27	994.30	994.29
	3	994.35	994.36	994.39	994.42	994.42	994.45	994.47	994.44	994.46	994.56	994.69	994.90	994.49
	4	995.05	995.07	995.09	995.13	995.17	995.19	995.23	995.29	995.35	995.41	995.45	995.50	995.24
	5	995.55	995.59	995.63	995.73	995.80	995.86	995.96	996.03	996.10	996.19	996.25	996.32	995.92
	6	996.40	996.45	996.50	996.57	996.61	996.64	996.69	996.81	996.97	997.12	997.20	997.26	996.77
	7	997.34	997.43	997.46	997.55	997.66	997.74	997.90	997.98	997.96	998.00	998.09	998.20	997.77
	8	998.30	998.41	998.53	998.62	998.65	998.72	998.84	998.95	999.03	999.08	999.14	999.20	998.79
	9	999.22	999.21	999.25	999.35	999.39	999.40	999.46	999.52	999.58	999.60	999.64	999.70	999.44
	10	999.73	999.75	999.77	999.79	999.82	999.88	999.90	999.88	999.93	999.99	1000.01	1000.03	999.87
	11	1000.01	999.98	1000.02	1000.06	1000.07	1000.15	1000.20	1000.19	1000.15	1000.13	1000.10	1000.07	1000.09
	12	1000.10	1000.11	1000.08	1000.08	1000.10	1000.14	1000.15	1000.15	1000.14	1000.13	1000.14	1000.15	1000.12
	13	1000.13	1000.09	1000.07	1000.07	1000.12	1000.18	1000.22	1000.24	1000.27	1000.27	1000.28	1000.31	1000.18
	14	1000.34	1000.40	1000.49	1000.54	1000.58	1000.65	1000.71	1000.78	1000.85	1000.90	1000.90	1000.88	1000.66
	15	1000.91	1000.97	1001.03	1001.08	1001.10	1001.10	1001.10	1001.08	1001.11	1001.17	1001.19	1001.21	1001.09
	16	1001.24	1001.25	1001.29	1001.32	1001.31	1001.33	1001.35	1001.34	1001.38	1001.47	1001.50	1001.57	1001.36
	17	1001.63	1001.67	1001.74	1001.79	1001.80	1001.82	1001.84	1001.88	1001.94	1001.99	1002.03	1002.08	1001.85
	18	1002.11	1002.11	1002.11	1002.09	1002.06	1002.00	1001.95	1002.03	1002.14	1002.23	1002.29	1002.30	1002.12
	19	1002.32	1002.37	1002.44	1002.55	1002.67	1002.74	1002.80	1002.87	1003.00	1003.10	1003.18	1003.31	1002.78
	20	1003.37	1003.37	1003.39	1003.39	1003.35	1003.36	1003.36	1003.34	1003.33	1003.34	1003.33	1003.38	1003.36
	21	1003.47	1003.54	1003.58	1003.60	1003.64	1003.68	1003.77	1003.87	1003.88	1003.86	1003.87	1003.89	1003.72
	22	1003.91	1003.91	1003.88	1003.85	1003.86	1003.93	1003.98	1004.02	1004.06	1004.07	1004.04	1004.04	1003.96
	23	1004.05	1004.01	1003.90	1003.81	1003.93	1004.13	1004.27	1004.33	1004.38	1004.45	1004.45	1004.47	1004.18

