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SVIRCO Prompt Report: September 2011

Fabrizio Signoretti and Francesco Re

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ISTITUTO DI FISICA DELLO SPAZIO INTERPLANETARIO

AREA DI RICERCA ROMA - TOR VERGATA

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

SVIRCO Prompt Report: September 2011

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in September 2011 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 s.l.).

The SVIRCO Observatory (INAF/IFSI-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, IFSI/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 Fisica dello Spazio Interplanetario - Area di Ricerca Tor Vergata
Via del Fosso del Cavaliere,100 00133 Roma - Italy,

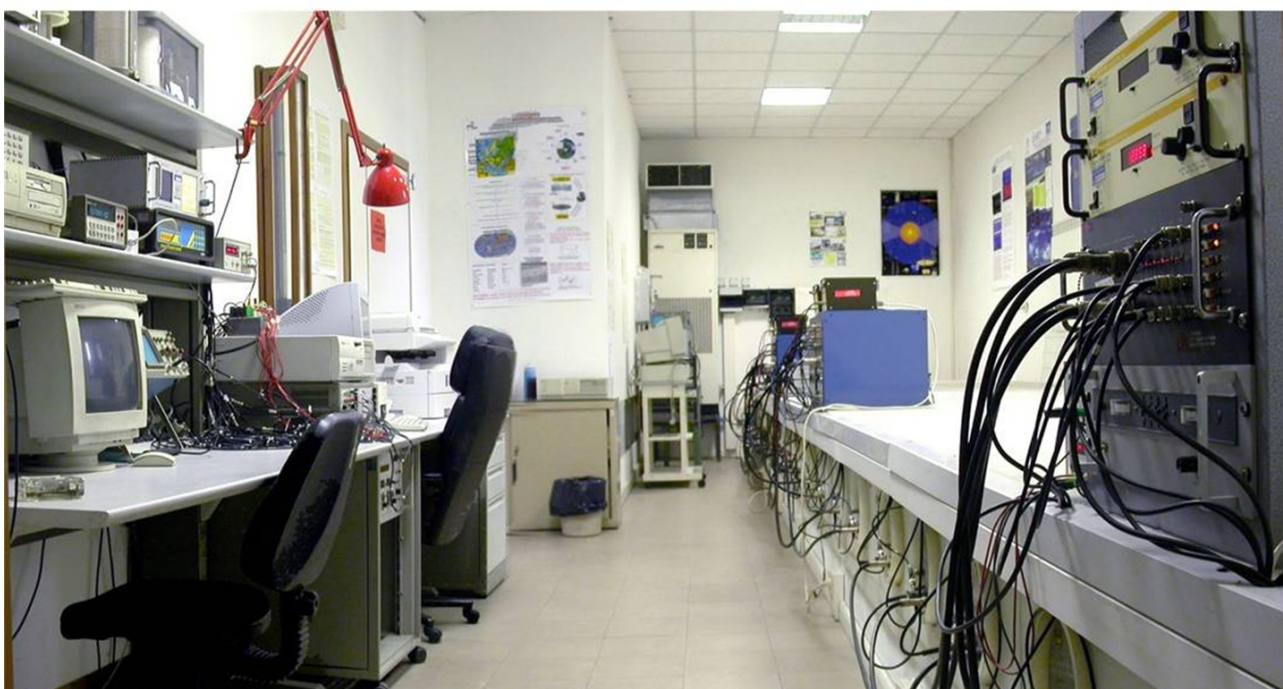
stefano.massetti@ifs-roma.inaf.it



S.V.I.R.CO. Observatory

Rome

Italy



INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – September 2011										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	46551	46324	45850	46246	45487	45549	46117	45785	45975	46023	46598	46400	100.191	
	1	45454	46373	46362	46491	45564	46155	46374	45886	46168	46203	46006	45995	100.217	
	2	46020	45732	46366	46175	45938	45851	46526	45924	46470	46088	46253	46179	100.306	
	3	45941	46304	46271	45530	45774	46479	45887	45828	45996	45964	45356	45482	99.815	
	4	46190	46047	46243	46275	46224	45386	45930	45781	46517	45934	46149	46167	100.183	
	5	45643	45722	46405	45322	45440	45541	45573	46503	46297	45855	45928	45648	99.645	
	6	46109	46159	46068	46368	46070	46428	46072	45878	46356	46019	45771	46188	100.299	
	7	46307	46421	46249	46717	46316	44994	46555	46506	46163	45879	46495	46275	100.552	
	8	45812	46441	46088	46242	45865	45846	46171	45673	46383	45664	46013	45958	100.059	
	9	46354	46168	46164	45928	45550	45759	46302	46172	46051	46312	45655	45846	100.078	
	10	45834	46191	46998	46045	46027	44854	46064	45691	45610	46328	45797	46037	99.935	
	11	46392	46528	46050	46833	46088	46472	46106	46329	46567	45495	45919	45879	100.512	
	12	45872	46126	46403	46129	46424	45617	45970	46359	46596	46340	46400	45786	100.397	
	13	46223	46034	46524	47021	46202	46625	46060	46062	46071	46245	46427	46879	100.823	
	14	46004	46615	46016	45524	45999	46531	45745	45485	46040	46543	46438	45935	100.189	
	15	46460	46561	45363	46235	46342	46099	46030	45895	46144	46733	45686	46836	100.462	
	16	46510	46048	45894	46355	45990	46208	45817	45395	45888	46212	46574	46323	100.250	
	17	46048	46110	46441	45889	46057	45950	46158	46068	46634	46140	45441	45868	100.176	
	18	46423	46230	46162	45739	46598	46113	45885	45814	46362	45353	45932	46170	100.172	
	19	46057	46354	46021	46482	45518	45894	46438	46104	45631	46205	46393	46176	100.261	
	20	45945	46127	45712	46666	46279	45810	45960	45766	46012	45588	46037	45774	99.972	
	21	45903	46023	45926	46215	46629	45863	45902	45554	46007	46883	46448	45963	100.269	
	22	45993	46156	45953	45799	46029	45482	46187	46236	46144	45956	46454	45978	100.097	
	23	45981	45834	46046	45784	46204	45957	46404	46445	45731	46159	45858	45643	100.039	
2	0	46350	46215	46071	46344	46073	45832	46230	46429	46248	45972	45768	45852	100.277	
	1	46211	46003	46129	45787	46809	45808	46133	45779	46196	46330	45879	46029	100.228	
	2	46000	46012	46302	46358	45503	45945	46197	46056	46552	46076	46525	46062	100.318	
	3	45951	45824	45267	45801	46098	45422	45975	46738	46069	46504	46517	46353	100.124	
	4	46292	45979	45954	46091	46659	45473	45933	46444	46212	46216	46034	45588	100.189	
	5	46183	46307	46323	45377	45751	46527	45832	46514	46188	45346	45874	46107	100.090	
	6	46286	46514	45781	45724	46103	45537	45830	46329	46606	45797	46341	46207	100.221	
	7	46166	46401	45991	46260	46248	45437	45323	46951	46715	46154	46118	46291	100.403	
	8	46509	45981	46311	45661	45862	46171	46591	45808	46485	46128	46522	46089	100.414	
	9	46566	45579	46265	46352	46660	45927	46466	46026	45882	46250	46140	46008	100.414	
	10	45711	46581	45738	46084	46272	45976	46212	46045	45664	46656	45649	46676	100.259	
	11	45751	45961	46421	45820	46523	46262	46377	46414	46501	46170	45773	46084	100.403	
	12	45897	46158	46481	46040	46067	46178	46032	46025	45540	46346	45783	46325	100.188	
	13	46081	46022	46568	46268	46307	46010	45793	46237	45500	46736	46234	46212	100.387	
	14	46213	46407	46089	46083	46285	46518	46038	46310	45663	46079	46479	45695	100.367	
	15	45989	45853	45929	46350	45511	45989	45835	46267	46117	46200	46583	46602	100.252	
	16	45861	45875	46681	46571	46154	46026	45975	46533	45869	46072	45918	46295	100.362	
	17	46802	46140	45679	46309	46353	46360	46198	46630	46757	46271	46133	45805	100.653	
	18	46183	46199	45988	46553	45919	46339	45845	46507	45645	45934	46356	46205	100.333	
	19	46826	47076	46012	46438	46253	45792	46461	46121	46969	46373	45918	46708	100.927	
	20	46122	45593	46836	45647	45736	46127	45863	45678	46704	45749	46113	45837	100.031	
	21	46396	47100	46271	46007	45571	45937	46471	45756	46218	45724	46117	45604	100.242	
	22	46030	46322	45807	45714	46254	45503	45596	46242	46439	45659	46326	45853	99.984	
	23	45841	46102	45817	46388	45826	46459	45570	45914	45687	46499	46063	46214	100.099	

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - September 2011											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	46268	46050	45874	45885	46235	46610	46201	45432	45914	46182	45997	46567	100.251
	1	46040	46012	46180	46308	45908	46072	46557	46184	45480	46229	46042	46091	100.231
	2	45869	45797	46151	46345	46390	46050	45743	46281	46361	46043	46061	45886	100.208
	3	46275	45614	46171	46109	46584	46868	46575	45926	46476	46324	46360	46480	100.711
	4	46408	45746	45989	46249	46340	47111	45878	46719	46450	46500	46185	47297	100.914
	5	46286	46157	46465	46277	45609	46610	46756	46461	46018	46103	46541	46624	100.738
	6	46703	46223	45783	46367	45508	46222	46131	46192	46097	46690	45861	45790	100.314
	7	46133	46493	46485	46306	46722	46163	46760	46009	46829	46046	45931	45884	100.712
	8	46048	45968	46240	45717	46385	46103	46550	45741	46775	46632	45849	46138	100.419
	9	46342	46242	46243	46142	46483	45890	45887	45860	46719	46497	46158	46180	100.509
	10	46838	46331	46555	46184	46433	46972	46009	46698	46639	46352	46487	46022	101.030
	11	45872	46436	46836	46586	46208	46626	46368	46409	46142	46566	45574	45970	100.681
	12	46452	46796	46405	46273	46769	46152	46247	46299	46436	46003	46416	46587	100.906
	13	45943	46126	46651	46186	46508	46406	46085	45995	46098	46268	46921	45923	100.594
	14	46745	46347	46285	46241	47037	46593	46367	46565	46487	46375	46338	46748	101.141
	15	46049	46272	46047	46380	46603	46472	45691	46938	46529	46529	46507	45881	100.737
	16	46320	46440	46269	46463	46384	45940	46466	46206	46410	46007	46069	45966	100.563
	17	46117	45911	46106	46323	46718	45971	46051	46038	45945	45621	46090	46533	100.289
	18	46298	46520	45439	46475	46218	46072	46188	46623	46137	45789	45734	45877	100.279
	19	46263	46166	45991	46065	45676	45917	45908	45361	46260	46265	45725	45888	99.938
	20	45884	46363	46275	45792	45737	46042	46615	46188	46208	46031	46120	46511	100.350
	21	46383	46171	46528	45911	46139	45828	45928	45725	45395	45624	46111	45492	99.892
	22	45492	46205	46118	45923	45390	45933	45760	46228	45948	45231	45903	46033	99.698
	23	45883	45918	45961	45601	45417	46092	45967	45482	46069	45966	46353	46217	99.836
4	0	45901	45714	46191	46153	46554	45781	46033	45476	45891	45742	45989	45928	99.895
	1	46139	45991	46374	45317	46171	45907	46324	46031	46129	45578	45506	46317	99.991
	2	45973	45946	45524	46156	45926	46195	45445	45473	45517	46529	46094	46137	99.833
	3	46105	46142	45827	45042	45853	46342	45495	45863	46058	45872	46239	46372	99.888
	4	45825	46169	46651	46052	46264	46037	45968	45623	45914	46356	45501	46006	100.096
	5	46352	46290	46207	46164	46000	45986	45810	45636	45823	45895	46039	46433	100.146
	6	45877	45665	45895	46286	45736	46005	45641	45958	45837	46330	46471	45617	99.907
	7	45932	45709	45857	46200	46262	45809	45653	46248	45701	45656	45907	46138	99.862
	8	46414	46403	46144	45983	45687	45612	46246	46280	46029	45985	45726	46245	100.167
	9	45920	45795	46696	46015	45839	46385	45879	46560	45976	46626	46107	46384	100.426
	10	46228	45489	46540	46464	46391	46317	46085	46185	46516	46095	46235	46925	100.660
	11	46326	46676	46147	46123	45803	46649	46816	45581	46279	45776	46427	46358	100.567
	12	46399	46140	46285	46436	46453	46146	45953	46424	45780	45791	46739	46209	100.529
	13	46561	46471	45732	45883	46465	45884	46525	46438	46199	46383	46472	46728	100.708
	14	46191	46851	45834	46813	46059	46970	46236	46415	45893	46133	46144	46570	100.775
	15	46051	45950	46183	45701	46069	46312	46591	45892	46668	46247	46154	46102	100.378
	16	46109	46555	45853	45810	46425	45804	46257	46261	45999	46223	46392	45859	100.311
	17	46643	45999	46398	45982	46113	46419	46096	46529	46127	46350	46110	45966	100.526
	18	46355	45705	46094	46150	45969	45815	46071	45852	45949	46023	46175	46007	100.061
	19	45819	46239	46143	45527	45329	46088	45041	45890	46320	46367	45833	46102	99.795
	20	45426	45816	46449	46038	45467	45707	45268	45759	45814	46471	45838	45886	99.656
	21	45740	45777	45687	46152	46036	45808	45833	46030	45951	45230	47107	46117	99.934
	22	45323	45486	45590	45780	46168	45820	45892	45747	45654	45965	45950	45466	99.458
	23	45954	45515	46116	46091	45601	45651	45840	46248	45605	46181	45665	45811	99.718

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – September 2011										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	46046	46006	44969	46170	45465	45996	46227	46085	46215	45817	45110	45410	99.578	
	1	45857	45845	46153	45526	45648	45491	45334	45639	46160	46147	45252	45722	99.446	
	2	45931	45662	45378	46437	45932	45633	45771	46294	45745	45432	46118	45853	99.701	
	3	46083	45350	46716	45944	45955	45377	45986	45957	46064	46084	45731	45963	99.887	
	4	45973	45698	46111	45494	46050	45820	45192	46373	44930	45652	45812	45671	99.447	
	5	45918	45634	46060	45533	46198	45591	45681	45649	46027	45844	45863	45968	99.662	
	6	45184	45946	46103	45970	46272	45921	46174	46097	45747	45498	45746	45964	99.781	
	7	46335	46166	46693	46147	46131	46342	45444	45632	45899	46058	45846	45737	100.108	
	8	45835	45923	46146	46197	46262	46268	45745	46509	46215	45802	47052	46117	100.405	
	9	46024	46042	46026	47027	45480	46495	46038	46050	46265	46192	45205	45205	100.079	
	10	45985	45963	46175	46221	46084	46356	45714	45579	45553	45901	46021	46253	99.995	
	11	46035	45793	46280	46339	46194	46026	46857	45800	45439	46449	46404	45338	100.203	
	12	45824	45955	46374	46250	45886	46329	46127	46994	45646	45776	46127	46001	100.264	
	13	45987	45689	45775	46101	46232	46206	46184	45527	46514	45592	46042	46589	100.110	
	14	46562	46167	45753	45738	45946	46068	45717	45871	45803	45904	46195	45879	99.958	
	15	45681	46109	46005	45703	46207	45862	46731	46263	46137	46133	45580	46253	100.151	
	16	45833	45594	45615	46329	46008	46377	46341	46172	45891	45759	46008	45607	99.946	
	17	46152	45972	45993	46526	46077	46029	45739	45640	45784	46234	46105	45854	100.049	
	18	45905	46497	46125	46072	45469	46124	45971	46418	46493	45664	46119	45582	100.110	
	19	46105	45474	45541	45883	45538	46150	45702	45442	45981	45802	46313	45482	99.562	
	20	45520	45527	45960	45871	46229	45806	45661	46430	45887	46605	46122	46052	99.970	
	21	45551	46203	46149	46122	45982	45914	46521	45725	45701	46468	45983	45630	100.021	
	22	46334	45665	46594	46331	46270	45470	45741	45663	46191	45590	46107	45618	99.953	
	23	45770	46129	45918	46112	46487	45351	45485	45631	46302	45570	45479	45645	99.646	
6	0	46462	45907	45068	46159	45043	45778	45566	45617	46155	46172	45365	46026	99.546	
	1	46480	45976	45966	44911	45651	45365	45767	45681	46475	46119	45815	45442	99.604	
	2	46031	46081	46167	45910	46071	45679	46440	45901	46466	46101	45421	46373	100.146	
	3	45964	46054	46108	45830	46155	44985	46381	46627	45803	46126	46129	46240	100.103	
	4	46115	45793	46224	46214	45849	45898	45690	46018	45642	45589	45898	46582	99.942	
	5	45538	46293	45645	45966	45924	45608	46398	45859	45991	45293	45815	46342	99.789	
	6	45928	46360	46260	46420	46181	45988	45771	46383	46143	46217	46405	45851	100.376	
	7	46293	46630	45753	45563	46187	47032	46131	47047	46456	46644	46166	46238	100.780	
	8	45758	46371	46760	46145	46528	45951	46101	46973	45991	45637	45783	46474	100.478	
	9	45851	46478	47162	46024	45936	45793	46078	45964	46622	46371	46058	45583	100.378	
	10	46413	46343	46665	46194	45457	46068	45362	46039	46142	46076	46579	46634	100.388	
	11	46542	45793	46617	46454	46824	46503	46951	46117	45999	46744	46493	46249	100.988	
	12	46052	46452	46349	46170	46197	47058	46087	45936	46515	45874	46194	46904	100.717	
	13	45881	45827	45406	45933	45871	45746	45987	46105	46246	46603	46127	45873	99.959	
	14	46150	46142	45924	46227	46439	45981	46287	46128	46107	45919	46137	46376	100.359	
	15	45951	46320	45836	46723	46077	46209	45998	46183	46007	46339	46075	45766	100.299	
	16	46448	45822	46206	45998	46338	46179	46511	45500	46262	46021	46042	46121	100.293	
	17	45717	45709	46234	46225	46057	46154	45442	45760	46166	45740	45862	46075	99.875	
	18	46022	45512	46373	46144	46304	45623	46401	46344	46207	45979	45612	45488	100.032	
	19	46074	45763	46284	46767	45548	45858	46311	45938	45779	46361	45877	45367	100.017	
	20	45762	46142	45673	46078	46176	45968	45786	46287	45949	46115	45838	46058	100.000	
	21	46320	46016	46550	46196	45275	45283	45732	46361	46213	45779	46682	46034	100.110	
	22	45609	45388	45977	45667	46508	45595	45991	45408	46178	45882	45781	46288	99.717	
	23	45811	45556	45186	45388	46019	45970	45718	45558	45668	45315	45483	45705	99.193	

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
7	0	45568	45892	46045	46196	45967	45207	45910	46187	46073	45855	45865	46315	99.860
	1	46532	46063	45621	46233	45944	45548	46133	46211	45911	45522	46826	45600	100.056
	2	45436	46280	45296	45835	45652	45332	45997	45448	45119	46009	46529	45480	99.380
	3	45782	45960	45450	45741	45767	45961	45572	45837	46280	46663	45940	45463	99.744
	4	46186	46077	45773	45526	45854	45670	45831	46028	45834	45522	46004	45748	99.677
	5	46396	45985	45786	45786	46269	46324	45545	46037	46681	46369	45939	46077	100.247
	6	46080	45682	45883	46619	46405	45986	46033	45694	46047	45950	46117	45863	100.095
	7	45891	46106	45535	45956	45357	45962	45790	45860	46335	45907	46181	45399	99.719
	8	45973	45473	45774	45914	45793	45260	46235	46326	46482	46032	46071	45156	99.756
	9	45782	45481	46738	45720	46162	45768	45873	46282	45721	45846	45762	46287	99.926
	10	46299	46218	45867	45738	46082	45301	45221	46527	46459	45903	46145	45735	99.939
	11	46376	46177	46602	46080	46179	46125	45770	45984	46096	46054	46607	46540	100.500
	12	46177	45780	45627	46318	46292	46155	46295	46090	46653	46367	46182	46622	100.494
	13	46097	45799	45474	46649	46267	46480	45897	45856	45899	46377	46118	46254	100.242
	14	46107	46026	46102	46022	46192	46442	46113	46152	46144	46935	46386	46720	100.636
	15	45533	46303	46054	45805	45845	46292	45957	45787	45789	46067	46327	45951	99.978
	16	46013	45634	45980	46155	45909	45700	46266	45647	45670	46424	45815	46131	99.911
	17	47211	46342	45444	46176	46113	45801	46752	45272	46072	46475	46352	45697	100.340
	18	45985	46123	46296	46420	45513	45926	45557	46027	46018	46768	46662	45865	100.240
	19	45952	45866	46029	46427	45768	46382	46006	46015	46370	46612	45302	46631	100.277
	20	45700	45958	45699	46365	45476	46014	45703	46235	45792	45944	46280	46101	99.898
	21	46331	46503	45062	45857	46049	45450	45637	45911	46102	45603	45709	45847	99.679
	22	45246	45398	46102	45620	45770	46381	45804	45277	45532	45416	45432	45562	99.222
	23	46182	46130	46169	45319	45929	45866	45867	46221	45937	46305	45875	45670	99.934
8	0	46060	46038	46004	45753	45531	45556	46087	46009	45364	46114	46515	45686	99.792
	1	46162	45723	46662	45796	45596	45942	45799	45765	46103	45142	45683	45423	99.631
	2	45963	45707	45718	45938	46146	46033	46316	46400	45425	45443	45741	45858	99.792
	3	45984	45231	45941	45436	45411	45766	45577	45457	45936	46019	46064	45991	99.453
	4	46601	45750	46056	45512	45822	45620	46258	45950	45773	45422	45756	45373	99.648
	5	45723	45853	46231	45664	45173	45765	45042	46011	46338	45398	46343	45910	99.569
	6	46437	45921	45499	45754	46152	46081	45889	45316	46101	46179	45936	46353	99.961
	7	45900	45715	46411	45813	45864	45729	45764	45275	45727	45959	45928	45626	99.616
	8	45853	45453	46044	45698	45882	45814	46432	46025	45890	45848	46215	45969	99.872
	9	45964	46195	46377	46232	46428	45902	45612	46584	46639	46171	46227	46435	100.531
	10	46169	46225	46469	45665	46161	46296	46382	45861	46349	46293	46533	46289	100.518
	11	46728	45993	46166	46083	46406	45862	46507	46027	46348	46091	46068	46762	100.581
	12	46191	45916	45547	45902	46050	46393	46703	46503	46128	46128	47349	46307	100.595
	13	46686	46750	46176	46272	45673	46785	46281	46534	46159	46152	46409	46803	100.878
	14	46583	46332	46144	45164	46304	45714	46401	46394	46494	46662	45945	46138	100.443
	15	45626	46125	46243	46283	45654	45544	45826	45247	45795	46268	45960	45995	99.770
	16	46361	45767	46384	46085	46264	45822	45916	46135	46233	45973	46058	46483	100.298
	17	46301	46720	45570	45954	45888	46326	46598	46176	46450	45817	45446	46171	100.287
	18	45238	46379	46085	45545	45826	45914	45821	45953	45943	45737	46196	45821	99.751
	19	46984	45947	46244	45738	46405	45803	45936	45782	45917	46364	45945	45935	100.211
	20	45908	46196	45647	46032	45967	46360	45330	46249	45607	46166	46138	45770	99.916
	21	45774	45907	46474	46289	45639	45559	46118	45690	45867	45517	46150	46063	99.858
	22	46166	46320	45614	46072	46396	45794	45673	45495	45728	45899	46113	45538	99.814
	23	45987	45824	45379	45675	45814	45091	45577	45797	46211	46112	45754	45510	99.438

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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	45702	45267	45292	45538	46267	46103	45692	45419	45462	45835	45929	45816	99.363	
	1	46042	45992	45870	45616	45474	45547	45789	45392	45530	45925	45662	45316	99.333	
	2	45675	46238	46223	45806	46182	45686	45482	45855	45453	45476	45575	45790	99.567	
	3	46115	45945	45587	45694	46249	46027	45868	45677	45632	45086	45546	45761	99.521	
	4	46097	45962	45729	45869	45648	45556	46150	45934	46139	45639	46115	45951	99.811	
	5	46060	45636	46060	46280	46114	45606	45588	45781	46035	45673	46111	46776	99.979	
	6	46452	46567	45947	45924	46545	46399	46126	45436	45729	45808	46057	46535	100.307	
	7	46330	46584	46446	45742	45511	46292	46382	46066	45872	46437	46205	46285	100.420	
	8	45489	46236	46156	45647	45605	46224	46294	45916	45773	46222	45835	46327	99.980	
	9	46938	46421	46073	45775	46666	45724	46557	46154	46865	46560	46350	47336	101.012	
	10	46479	46757	46174	45951	46626	45911	45902	45634	46469	46246	46388	46484	100.578	
	11	46357	47032	45999	46360	46371	46214	46419	46278	45629	45742	45938	46714	100.583	
	12	46101	45743	46619	46998	46338	46004	46565	46530	45225	45925	46138	46016	100.429	
	13	46379	45984	45841	45617	45954	46180	45926	45609	45915	46466	46739	46008	100.143	
	14	46383	45883	45799	46504	45907	45907	46401	45557	46183	45781	46435	46126	100.187	
	15	46254	45915	46583	46093	46046	46092	45718	46167	46693	46183	45780	45732	100.257	
	16	46644	46368	47046	46396	45937	46450	46017	46838	46626	46730	46744	46206	101.118	
	17	45908	46594	46527	46843	46500	46652	46841	46824	46145	47283	46525	46860	101.390	
	18	46640	46388	46108	46408	46038	46019	47117	46479	46760	46253	46733	46235	100.968	
	19	46258	46349	46835	46664	46095	46765	46607	46097	46657	46743	46450	46220	101.070	
	20	46759	46292	46281	46395	46228	45715	46665	46356	46096	46053	46746	46485	100.768	
	21	46010	46491	46781	46542	46368	46705	46721	47027	46520	45706	46523	46663	101.128	
	22	46309	46445	46172	46238	46446	46328	45572	46331	46132	46401	46582	45999	100.566	
	23	46486	46468	46463	46253	46631	46460	46150	46109	46304	45394	45933	46315	100.568	
10	0	46004	46241	46272	45937	46088	46614	46678	46390	46206	46695	46406	46168	100.698	
	1	46280	46344	46190	45628	45738	45721	46344	46218	46394	46268	46091	45981	100.248	
	2	46021	46225	46567	46375	46071	46149	45934	46175	45612	46352	45926	46261	100.332	
	3	46468	46662	46286	46149	46303	46961	46353	46111	46526	46413	45778	46669	100.878	
	4	46082	46402	46190	46483	46324	46959	46360	45703	45898	46021	45973	45840	100.435	
	5	46050	45543	45733	45678	46030	45531	46349	45392	46378	45584	45855	45466	99.594	
	6	46255	45380	46024	46057	45288	45926	45171	46087	45717	44954	45019	45864	99.259	
	7	46017	45234	45157	45415	46265	45574	45301	45535	45112	45146	45575	45028	98.827	
	8	44793	45204	45288	45538	45801	46008	45970	45663	45876	46038	45654	45673	99.216	
	9	45956	46096	45283	45851	45228	45785	45597	45218	45889	45040	45520	45555	99.127	
	10	45761	45230	45340	45450	45276	45616	45344	45079	44961	45056	45678	45078	98.557	
	11	45415	45201	45599	45718	45928	45490	45570	44967	44813	44976	44902	45327	98.563	
	12	45148	45394	45136	44851	45577	45092	45373	45117	44664	45183	45912	45086	98.315	
	13	45204	45955	45115	45731	46147	45759	45984	45508	45457	45101	45269	45547	99.083	
	14	44961	45404	45005	45771	45152	45200	45237	45077	45209	44284	45054	45511	98.193	
	15	44635	45048	44858	45433	45977	45024	44991	44902	45192	44861	45247	45378	98.136	
	16	45148	45312	45127	46117	45527	44945	44656	45398	44817	45278	44992	45404	98.349	
	17	44944	45719	45329	45442	44793	45727	45028	45492	45445	45681	45595	45363	98.682	
	18	46135	44651	45346	45493	45116	45361	45060	44856	45203	45298	45175	45716	98.474	
	19	45354	45234	45133	44501	45069	45641	45317	45002	45346	45959	45282	45420	98.446	
	20	45517	44819	45156	45405	45336	45064	45296	44616	45017	45659	45797	44578	98.265	
	21	46095	45633	45448	45583	45998	45696	45793	45743	45077	45689	45429	45759	99.295	
	22	45194	44912	45633	45330	45582	45449	45099	45144	45153	45791	44954	45601	98.552	
	23	44796	44972	45697	45442	45161	45494	45138	45133	45369	45295	45625	45381	98.490	

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
11	0	45311	44768	45618	45073	44798	45421	45348	45084	45801	45413	45309	45244	98.430
	1	45699	45640	45804	44995	44955	45651	45694	45857	45325	45509	45576	45275	98.939
	2	45954	45326	45259	45530	45311	45500	45352	46153	45003	44943	45003	45158	98.669
	3	45255	45321	45377	45450	45243	44845	45354	45591	45684	45106	45127	45649	98.581
	4	45638	45351	45536	45239	45503	44988	45193	45121	45455	45629	45589	45175	98.656
	5	45553	45189	45236	45854	45117	45561	45257	45396	44915	44666	45039	45702	98.487
	6	45767	45466	45599	45543	44849	45544	44976	45729	44668	45544	45494	45682	98.737
	7	44935	45486	45026	45066	44634	45937	45480	45821	44929	45403	44890	45176	98.360
	8	45664	44647	44820	45879	45383	44725	44504	45164	44783	44768	45652	45778	98.176
	9	45002	45289	45519	45784	46002	44988	45199	44721	45563	45404	45218	44712	98.472
	10	45443	45823	45510	45793	45274	45221	46118	44846	45223	45606	45493	45537	98.922
	11	45160	45203	44715	45510	45184	45509	45370	45317	45035	45096	45463	45174	98.352
	12	45338	44954	44731	45837	45452	45849	45617	45380	45269	45492	44879	44924	98.530
	13	45388	45619	45634	44923	45501	45611	45132	45727	45302	45532	45102	44840	98.637
	14	45009	45602	45180	44940	45071	45765	45498	45927	45612	45146	45459	45194	98.654
	15	45257	45583	45267	45369	45772	44965	45381	45674	45456	45347	44831	44752	98.518
	16	45484	46058	45116	45255	45250	45258	45141	45297	45203	45188	46000	45334	98.687
	17	45451	45394	45110	45038	45250	45401	45455	45451	45538	45602	45638	45593	98.747
	18	45006	45527	45215	45545	45728	45655	45909	45438	45834	45771	45218	45358	98.980
	19	45503	45631	45297	46120	45139	45453	45090	45495	44556	44924	45594	45242	98.589
	20	45064	45644	45080	45625	45488	45481	45037	45476	45372	45588	45763	45751	98.829
	21	45284	45725	45735	45066	45309	45767	45379	45572	45197	45191	45619	44548	98.651
	22	45727	46328	45032	45452	45528	45642	45213	44896	44881	45227	45303	45407	98.696
	23	45569	45102	45460	45382	44726	45915	45636	45967	45089	45020	45235	45309	98.655
12	0	45623	45138	45616	45219	45648	45374	45582	45252	45762	45395	44847	44923	98.643
	1	45492	44886	45056	45309	45445	45480	44871	45114	45261	45280	44680	44970	98.190
	2	45700	45258	45081	44468	45415	45276	45313	45257	45386	45904	45542	44823	98.476
	3	45078	45619	45530	45165	45392	45477	45875	45662	45177	45746	45245	45474	98.842
	4	45037	45001	46305	45868	46107	45420	45615	45849	45042	45181	45072	45532	98.948
	5	46298	45037	45299	45172	44989	45628	44653	45930	45139	44974	45655	45381	98.609
	6	45691	45159	45181	45420	45200	45478	45030	45380	45307	45816	45622	44809	98.597
	7	45959	45071	45545	45387	45680	45332	45294	45560	45305	45838	45274	45218	98.846
	8	44990	45244	45051	45700	45947	45564	44927	45259	45644	44969	45565	45663	98.675
	9	45221	45353	45252	45604	44847	45398	45754	44984	45399	45451	44917	45647	98.549
	10	45086	45207	45279	45535	45532	45599	45590	45595	45261	45467	45442	45738	98.822
	11	45958	45441	45351	45166	45019	45622	44997	45509	45805	45435	45089	45095	98.669
	12	44756	45548	45414	45278	45236	45480	45050	44719	45841	45402	45246	44889	98.374
	13	45355	45827	45215	44861	45522	45755	45844	45291	45538	45397	45018	45657	98.813
	14	45247	45619	45027	45901	44588	45374	45325	45987	46101	45653	45215	45368	98.835
	15	45236	45093	45195	44712	45326	45173	45601	45132	45089	45277	44816	45748	98.290
	16	45656	44957	44861	45813	45619	45759	44509	45485	45149	45168	45153	44994	98.422
	17	45130	45753	45874	45370	45784	45711	44984	45506	45387	45711	45410	44624	98.806
	18	45544	45310	45403	45696	45302	45767	45882	45817	45905	45537	45598	44944	99.071
	19	45505	45186	44941	45456	45534	45651	45378	45838	45439	45373	45423	45606	98.822
	20	45264	45875	45055	45953	45066	46242	45203	45647	45081	45641	45549	45343	98.928
	21	45785	45306	45150	44987	45447	46238	45727	45288	45760	45578	45284	45574	98.965
	22	45783	45953	45737	45327	45528	45610	45167	45551	45513	45878	45595	45339	99.120
	23	45594	45867	46200	46197	45680	45336	45648	45532	45436	45560	45542	45571	99.335

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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	45080	45475	45328	45758	45716	45335	45602	45505	46094	45041	45668	45506	98.961
	1	45791	45639	45185	45929	45460	45854	45715	45606	45206	45402	45476	45141	99.016
	2	45502	46079	45809	45087	45249	45353	45395	45674	45165	45217	45061	45300	98.742
	3	45107	45003	45451	44799	45071	44966	44812	44743	45049	45228	45339	45125	97.981
	4	45886	45557	44928	45148	45205	44314	45493	45275	45314	45722	45829	45340	98.582
	5	45179	44925	45481	44951	44778	45593	45289	44608	45621	45565	45153	45350	98.307
	6	45519	45696	45206	45487	45392	44960	45773	44913	45926	45272	45304	45349	98.725
	7	45307	45019	45414	45950	45418	44685	45358	45778	45190	45162	45309	45422	98.583
	8	45266	44829	45266	44915	45478	44948	45478	45369	45107	45672	45107	45643	98.414
	9	44971	45169	45484	45852	45753	45892	45645	45132	46285	45931	46073	45865	99.315
	10	45802	45728	45307	45243	45676	46037	45756	45994	46267	45301	45896	45367	99.373
	11	45871	46015	45443	46167	45918	45868	45593	46488	45271	45389	45810	45471	99.542
	12	45836	45462	45817	45284	45815	46021	46095	45998	45370	45742	45268	46104	99.453
	13	45354	45967	45557	45406	45110	45351	45626	45751	45711	46000	45732	45180	99.078
	14	45932	45440	45460	45504	45822	46314	45462	45397	45172	45971	45958	46687	99.508
	15	45302	45320	45070	45646	45680	45572	45410	45129	45757	45290	46189	45885	98.988
	16	45415	45687	45123	45113	45236	45007	45627	45365	44921	45481	45389	45369	98.532
	17	45184	46326	45945	45115	45219	45474	45412	45474	46099	45577	45522	44898	98.987
	18	46247	45339	45405	45256	45687	45451	45168	45391	45491	45069	45095	46012	98.873
	19	45000	45279	45378	45325	45522	45186	45077	46011	45479	45440	45299	45693	98.705
	20	45388	44974	45555	45589	45830	45676	45207	45544	45779	45292	44918	45218	98.757
	21	45799	45451	44926	45467	45105	45040	45941	45406	45001	44450	44941	45559	98.415
	22	45618	45196	45109	45579	45296	45640	45093	45300	45516	45096	44660	44948	98.409
	23	45370	44387	44918	45389	45084	45324	44989	44780	45360	45186	45709	45385	98.197
14	0	44624	45040	45729	45232	45319	45250	45429	44672	44973	44845	44987	45247	98.100
	1	44901	45191	45048	45285	44738	45323	44905	45209	44883	45657	45374	44808	98.095
	2	45057	45178	45423	45062	45296	44570	44782	45553	45581	44874	44866	45359	98.146
	3	45007	45475	45034	45453	44834	44390	45002	45077	45354	45452	45111	45393	98.143
	4	44849	45640	44986	45084	45365	45656	45163	44903	45300	44817	45099	45614	98.305
	5	44928	45397	45505	44539	44670	45687	45106	45356	45198	45134	45499	45237	98.265
	6	45431	45195	45764	45513	45398	45577	45196	45439	45863	45177	45236	45199	98.760
	7	45568	45391	44816	45482	45202	45116	45402	45096	44791	45340	45564	45399	98.430
	8	45204	45385	44863	45357	44940	45434	45525	45736	45339	45276	45132	44782	98.394
	9	44803	45135	45013	45003	45397	45395	45759	45432	44775	45478	45313	45447	98.391
	10	45902	45081	45345	45190	45602	45308	45484	45739	45082	45112	45127	45554	98.676
	11	45205	45466	45371	45135	45309	45284	45231	45500	45082	44859	45083	45185	98.347
	12	45710	44819	45451	45508	45411	45459	45450	44843	45210	45287	45133	45250	98.496
	13	45443	45657	45255	45012	44956	46006	45361	45787	45303	45000	44971	45749	98.671
	14	45595	45352	45228	45601	44464	45788	45806	45705	45863	45508	45736	46263	99.107
	15	45289	44760	45359	45525	45416	45684	44786	45709	45283	44817	45809	45388	98.549
	16	45511	45393	45237	44959	45454	45498	45155	46131	45384	45022	45398	45862	98.762
	17	45960	45082	45537	45590	44981	45917	45445	45280	45330	45405	45595	44702	98.730
	18	45634	45709	45797	45470	45593	45315	45436	45907	45439	45150	45025	44913	98.833
	19	45315	45365	45445	45234	45873	45056	46048	45728	45366	45280	45588	44853	98.789
	20	45311	45181	45122	45623	45450	45440	45522	45564	44751	45322	45891	44674	98.553
	21	45856	45417	45677	44986	45925	45290	45283	45550	45704	45489	45181	44946	98.817
	22	45165	45002	45414	45435	44948	45612	44680	45362	44970	45228	45215	45233	98.266
	23	44755	44991	44826	45477	45005	45672	44832	45633	45637	44919	45329	45120	98.254

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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	46150	44938	44618	45247	45290	45169	45597	45559	44897	45477	44909	44316	98.244
	1	45654	44770	45354	45654	46023	45482	45612	44980	45485	45369	45136	45038	98.681
	2	45650	46045	45205	45435	45198	45305	44811	46177	45628	44889	45520	45075	98.751
	3	45169	44995	44884	45450	44765	45224	45623	44546	45150	44864	45165	45555	98.108
	4	44580	44984	45341	45512	45545	45224	45497	45316	45606	46096	45733	45081	98.674
	5	46059	45049	44424	45104	45316	45997	45392	45479	44892	45629	45617	45848	98.726
	6	45412	45201	45657	45108	45576	45065	45393	45467	45283	45459	45235	45394	98.626
	7	45265	45191	45471	45575	44907	45439	45366	45300	46015	45278	45496	46061	98.827
	8	45472	45555	46048	45465	45776	45352	46189	45833	45401	45343	45523	45483	99.204
	9	45043	45349	45846	45240	45693	45156	46104	45912	45198	45131	45508	45443	98.875
	10	45872	45421	45966	45497	45703	46004	45249	45576	45703	45405	45289	45600	99.176
	11	45830	45864	45598	44671	44937	45855	45060	45186	45291	44951	45730	45679	98.699
	12	45137	45289	45180	45838	45179	46363	45769	45888	45316	45806	45554	45798	99.146
	13	44847	45087	45792	45260	45655	45283	45375	45445	45577	45120	45548	45418	98.654
	14	45455	45397	46370	45646	45579	46330	45921	45566	46075	46245	46193	45330	99.687
	15	45751	45413	46429	46115	45539	45719	45819	46247	45618	45871	45198	45531	99.532
	16	45471	45232	46065	45991	45579	45264	45616	45559	45871	45455	45766	45644	99.217
	17	45312	45469	44962	45170	46112	45382	45592	45557	45134	45517	45196	45908	98.818
	18	45810	45395	45826	45274	45906	45582	45540	46174	46180	45975	45709	45824	99.522
	19	45440	45008	45805	45154	45761	45826	45518	45310	45240	45644	45516	45213	98.841
	20	45189	45723	45711	45949	45987	45077	45737	45197	45667	45338	45277	45046	98.925
	21	46107	45325	45428	45793	45580	45232	45677	45721	45458	45631	45423	44812	98.977
	22	45394	45366	45223	45192	45656	45074	45353	45381	45505	44953	45290	44701	98.415
	23	45270	45780	45275	45288	45517	45509	45236	45575	45890	44985	45572	45590	98.850
16	0	45454	45553	45257	45726	45575	45205	45488	45336	45076	45320	45568	45283	98.733
	1	45625	45476	45325	45829	45222	45533	45577	44866	45452	45156	46154	45294	98.854
	2	45251	45494	45641	45532	45709	45768	45547	45232	45837	45314	45089	45481	98.924
	3	45820	45660	45266	45587	45599	44813	45789	45511	45932	45493	45643	45530	99.060
	4	45610	45567	45787	45413	45522	44997	45647	45982	45133	46033	45349	45388	99.021
	5	45679	45452	45310	46136	45655	45333	45341	45351	45378	45210	45397	45537	98.903
	6	45687	45334	45403	44985	45657	45130	46290	45552	45281	45792	45381	45090	98.867
	7	45595	45232	45636	45302	45193	46069	45482	45715	46032	45277	46057	45586	99.156
	8	45839	45821	45596	45133	45748	45733	45134	45810	45245	45392	45634	46160	99.169
	9	45386	45879	46085	46085	46298	44988	45615	46043	44899	45546	45581	45239	99.241
	10	45736	45143	46248	45887	45146	45653	45941	45836	45573	45748	45513	45911	99.366
	11	45546	46059	45607	45601	45490	46246	45665	45228	44833	45679	45512	45695	99.153
	12	45612	45231	45521	45469	44856	46582	45432	45851	45638	45744	45731	45366	99.130
	13	45558	45229	45060	45296	45817	45635	45062	46106	45761	45931	45319	45920	99.069
	14	45509	45813	46235	45497	45821	45981	45856	45813	45925	45311	45542	45963	99.535
	15	46087	45838	46185	45367	45594	45452	45640	45729	46441	46093	45857	45743	99.673
	16	45859	45707	45981	45959	45677	46270	45650	45846	45922	46151	45888	45554	99.752
	17	45931	45472	45148	45358	45509	45701	45946	45980	45997	45743	45416	46177	99.373
	18	45272	45514	45789	45749	45915	45940	45204	45716	45682	45407	45481	46316	99.302
	19	45834	45659	45552	45879	46446	45361	46351	46085	45670	46055	46327	45879	99.867
	20	46366	45474	45730	45255	45783	46282	45460	45458	45771	45961	46112	46228	99.646
	21	45955	45558	46043	45455	45938	45822	45333	45180	45477	45882	45744	45358	99.259
	22	45407	45315	45701	46070	45338	45865	45663	45725	45783	45083	46162	45721	99.275
	23	45927	45894	45844	45345	46007	45469	45517	45104	45613	46309	45614	45442	99.321

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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	
17	0	45371	45258	45489	45684	45432	45100	45457	45647	45231	45090	46256	44893	98.748	
	1	45424	45936	45538	45158	45822	45581	45680	44785	46220	45175	45573	45971	99.099	
	2	45424	45566	45776	45718	45953	45810	45455	45479	46191	45464	45832	44973	99.240	
	3	45869	45625	45314	45900	45634	45449	45890	45547	45671	45678	45642	45677	99.286	
	4	45816	45978	45800	45953	46192	45493	45601	45587	46020	45476	45539	45809	99.535	
	5	45756	45346	45718	45532	45174	46040	46490	45942	45398	45833	45968	46683	99.646	
	6	45517	45043	45704	46125	45786	45818	46143	45809	45458	45723	45808	45278	99.344	
	7	45983	45616	45584	46208	45743	45993	45249	46037	45459	45544	45181	46013	99.416	
	8	45499	45693	45598	45773	45543	45010	44936	45508	45818	45574	45460	46136	99.042	
	9	45623	46456	45758	45255	46062	46388	46009	45108	45794	45285	45561	46107	99.560	
	10	45792	45650	46302	46070	46578	45876	46274	45968	45750	45925	46208	45899	100.083	
	11	45351	45817	46112	46099	45597	45978	45945	45640	45876	45916	45414	45672	99.563	
	12	45416	45899	45489	45295	45356	44828	45637	45712	45315	45346	45841	45763	98.924	
	13	45936	45688	45982	45770	45547	46185	46088	45848	45586	45874	45340	45964	99.633	
	14	45976	45837	45337	46184	46090	45016	46793	45748	45645	45511	46110	45697	99.657	
	15	45394	45848	46005	46312	45628	45339	45988	45520	45677	45293	45367	45465	99.275	
	16	45739	45478	45407	45060	45132	45161	45157	45519	45835	45469	46256	45050	98.809	
	17	45480	45239	45154	45617	45257	45786	45681	45255	45421	46031	45830	45014	98.900	
	18	45201	45922	45764	45687	44997	46028	44532	46227	45889	45389	45124	45995	99.080	
	19	45386	45457	45664	45979	45215	45358	46173	45402	45695	45225	45915	45580	99.133	
	20	46133	45792	45381	45293	45812	46010	46041	45686	45771	46154	45888	45817	99.628	
	21	45220	44471	45121	45343	45435	46015	45054	45305	45214	45595	45774	45363	98.564	
	22	45209	45118	45156	45862	45239	45464	45519	45817	45160	45248	45495	45524	98.727	
	23	45834	45068	45341	46302	45674	45253	45275	45406	45527	45929	45653	45936	99.160	
18	0	45675	45456	45365	45835	45666	45196	45301	45918	45753	45393	45614	45918	99.136	
	1	45531	45011	45829	44584	45601	46325	45271	45638	45680	45142	45417	45101	98.785	
	2	45604	46017	45551	45904	45589	45639	45531	45535	45252	45532	45101	45908	99.153	
	3	45610	45425	45454	45814	46079	45978	45606	45666	45269	45445	45699	45589	99.239	
	4	45522	45067	45959	45048	45862	45739	45612	45757	45622	44933	45780	44819	98.892	
	5	45687	45534	46055	45438	45962	45362	46031	45281	46188	45769	46032	45340	99.428	
	6	45691	45587	45849	46080	45259	45815	45440	45646	45901	45894	45482	45675	99.363	
	7	45153	45182	45783	45429	45938	46035	46074	45805	45174	45353	45954	45757	99.240	
	8	46807	45060	45302	45358	44723	45268	45408	45187	45550	46116	45538	45587	98.925	
	9	45630	45042	45534	45936	46055	45719	45233	45878	45553	45637	45908	45508	99.239	
	10	45633	45863	45395	45091	45440	45578	45433	45659	45588	45500	45600	45543	99.001	
	11	45278	45443	44815	45512	44589	44993	45487	44780	45184	45140	44716	45336	98.086	
	12	45221	45278	45274	45496	45157	45517	44993	45429	45340	45688	45323	44960	98.521	
	13	45671	45341	45073	45617	45597	45192	45027	44840	45447	45015	45530	44959	98.455	
	14	44595	45066	45285	45406	45529	45250	45721	45409	45760	44598	45281	44886	98.361	
	15	45101	45324	45283	45563	45092	45665	44612	44982	45370	44953	44597	44767	98.093	
	16	45166	44752	44970	44629	45338	45073	44959	44371	44822	45247	44951	45062	97.736	
	17	45068	45337	44733	44961	45083	44868	44889	45204	44707	44402	44938	44792	97.671	
	18	44831	44037	45012	44779	45455	44606	44852	44035	45433	44978	44533	44688	97.355	
	19	44342	44846	45089	45024	45012	44188	44781	45276	44993	44431	45449	44751	97.526	
	20	45015	44935	44661	45082	44803	45004	45574	44707	44772	45044	45162	44766	97.769	
	21	45389	44648	45492	45241	44667	44810	45579	45436	45698	45552	45209	44759	98.305	
	22	45711	45687	45159	45440	45295	44671	46117	44969	45959	45857	45867	45652	99.013	
	23	45517	45417	45124	45277	45370	45738	45683	46082	45489	45624	45295	45612	98.986	

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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	45686	45581	45794	45303	45423	46301	45670	45193	45569	45387	45596	45122	99.045
	1	45984	45525	45387	45904	45855	45595	45557	45774	46060	45620	45393	45093	99.260
	2	45171	45532	45036	45360	45511	45596	45137	45076	46076	45417	45280	45465	98.699
	3	45118	45588	45685	45900	45911	46014	45520	46002	46154	46026	45669	45783	99.554
	4	45713	45640	45238	45996	45596	45296	44906	45192	45259	45706	45789	45602	98.931
	5	45363	45850	45780	44970	45893	45390	45539	45685	46023	44894	45746	45464	99.051
	6	45708	45372	45453	45975	45954	46034	45231	45516	45324	45071	45962	45699	99.178
	7	44892	45156	45732	45871	45356	45529	45049	45384	45875	45517	45583	45639	98.867
	8	45905	45361	45522	45609	45780	44738	45901	45755	46078	46341	45806	45829	99.418
	9	45681	45685	45848	45823	45358	45107	45169	45538	45702	45251	45996	45500	99.062
	10	45699	45828	46198	45741	45558	45591	46672	45709	46193	45980	46022	45721	99.833
	11	45690	45909	45600	45689	45469	45899	46072	45827	45401	45176	45395	45358	99.212
	12	45946	45767	45943	46067	45384	45563	46179	45489	45549	46081	45334	46107	99.561
	13	45599	45765	45826	45771	46076	45577	45735	45887	45466	45552	45798	46081	99.511
	14	46179	45909	46054	45538	45804	45299	45295	46014	45587	46328	45229	45782	99.490
	15	45603	45473	46025	45448	46099	46289	45486	45480	46273	45902	45721	46146	99.658
	16	45896	45613	45800	46216	45620	46161	46381	46188	46420	46084	45901	44593	99.826
	17	45833	45569	46443	46632	45275	45816	45902	46108	45601	46003	45935	45483	99.777
	18	46225	46006	45329	46348	45748	45881	45856	46029	45776	46211	45524	45431	99.734
	19	45949	45818	45912	45674	46028	46219	45441	45893	46617	45601	46387	45567	99.868
	20	45889	46821	46320	45947	46178	46018	45556	45959	46385	46166	46199	46447	100.372
	21	46074	46307	46197	45515	46353	46135	46654	45947	46644	46388	46454	46050	100.523
	22	46132	45785	45797	45554	45994	46438	45810	45775	46687	45594	46154	45728	99.930
	23	46464	45771	46380	46094	46451	46361	46649	46142	46244	46209	45729	46308	100.538
20	0	45985	46157	46321	45528	45749	45790	46143	45800	45757	46420	46513	46034	100.068
	1	45843	45683	46629	46233	45927	46295	46168	45781	45648	45778	45568	45391	99.838
	2	45978	45407	45454	46386	45347	45760	46269	45590	46016	45960	45448	46102	99.617
	3	45721	45286	45515	46230	45264	45423	45708	44953	46405	46227	45792	45927	99.387
	4	45769	46744	45611	45867	46502	46210	45998	45706	45824	45615	46303	45857	100.032
	5	46421	46143	46279	45731	46370	46036	46760	45400	45636	45870	46023	46167	100.182
	6	46194	46129	45504	45925	46672	45474	45725	45912	45769	45870	45531	45656	99.733
	7	45912	45999	45896	45747	46170	46174	45847	45696	46425	46192	46155	45935	100.057
	8	45716	45412	45534	45727	46150	46589	45484	45822	46769	46378	45550	45229	99.733
	9	46422	45646	46302	46395	45434	46050	46547	45687	45213	45704	46124	45608	99.873
	10	45891	45324	45415	45952	45799	46697	45628	45974	45571	46297	46119	45499	99.698
	11	45427	45599	46020	45730	46090	46360	46754	45257	46533	45513	46386	46283	100.022
	12	46569	45422	45969	46026	45868	46117	46653	45939	45940	46093	45772	46204	100.134
	13	45881	45739	46303	46334	46031	46086	45749	45982	45799	46210	45920	45936	100.025
	14	46191	45804	45601	45540	46286	45371	45465	45892	46006	46001	45795	46594	99.766
	15	46919	45838	45862	45915	46148	45429	45957	46216	45850	45597	46429	46263	100.107
	16	45927	46118	45952	45715	46240	45970	45839	45503	45432	46462	45889	45091	99.693
	17	46269	46164	45669	46132	46030	46209	45884	45881	46491	45849	46189	46272	100.219
	18	45360	45879	45819	45614	44908	46434	46049	46070	45473	45887	46134	45913	99.584
	19	45986	46255	45950	46210	46053	46461	46123	45989	45616	45047	46044	46557	100.083
	20	46277	45982	45769	46357	45984	45881	46050	46017	46238	46247	46308	46409	100.306
	21	46170	46088	46346	46067	46113	46114	46436	46127	46309	46141	46340	45731	100.390
	22	46291	45801	45807	46267	46209	46349	46226	45553	46248	45925	46356	46252	100.263
	23	46249	46229	46032	46766	46554	45733	46163	46259	45995	46117	46122	46551	100.532

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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	46139	46488	46821	45348	46237	46521	46010	46316	46473	45445	46652	45883	100.454
	1	45949	45734	46061	45534	45482	45779	45847	45873	45872	46014	45297	46673	99.689
	2	46154	45915	45674	46163	46167	45455	46338	45592	46478	46328	45993	46083	100.092
	3	45470	46183	46230	45827	46046	46595	45854	45606	46197	45465	45771	45708	99.841
	4	45710	45359	46014	46402	45684	45837	45422	45650	45816	46336	45836	46327	99.739
	5	46275	46548	45936	45804	46141	46385	45577	45491	46107	46070	45899	45923	100.059
	6	45556	46291	45990	46514	45623	45887	45947	45546	46200	45800	45503	45911	99.807
	7	45153	46074	46136	46270	46194	45924	46661	46196	46340	45893	45541	46309	100.156
	8	46241	45843	45914	45972	46304	45626	45993	46021	46025	46138	45714	46726	100.124
	9	45969	45810	46557	46181	46405	46441	46501	46215	45864	46083	45786	45926	100.345
	10	46197	46273	45760	46324	45643	46248	45682	46373	46511	46627	46183	46294	100.414
	11	46548	45857	45594	45857	45557	45871	46227	46832	46334	46067	46189	45737	100.152
	12	45775	46092	46224	45841	45727	45895	45964	45892	46447	46544	46023	45599	100.035
	13	46999	45791	46532	46214	46104	46126	46235	45754	46552	46180	45935	46060	100.480
	14	46570	46550	46361	46667	46567	45912	45914	46770	45845	45867	46303	45610	100.562
	15	45838	46840	46412	46318	45958	45934	46140	46255	46192	45444	45854	46309	100.301
	16	46044	46041	46542	46463	46083	46428	46477	46425	45433	46079	45887	46044	100.383
	17	46840	46909	45930	46006	46128	46023	45782	46224	46619	46448	46249	46351	100.666
	18	46251	45907	46254	46499	46431	46022	46564	46254	45568	45749	46984	46584	100.586
	19	46323	46042	45959	46245	45859	46977	45664	46260	46259	46309	46225	45797	100.378
	20	45045	46985	46924	46715	46117	45805	46191	46670	45466	46082	45737	46323	100.403
	21	45469	45897	46136	45692	46429	46435	45688	46071	46730	45645	45331	45867	99.919
	22	46074	46333	46382	45982	46047	46116	45818	46198	46775	46293	46024	46282	100.451
	23	46507	46026	46042	45927	45973	45652	46024	46123	46549	45773	47237	46362	100.428
22	0	46245	46109	46338	46069	46633	46276	46212	45991	45735	45943	46232	46120	100.377
	1	45784	46163	46444	45676	45870	46686	46041	45390	46377	46382	46080	46001	100.192
	2	46016	46613	45797	46880	45409	45791	45505	46206	45660	45931	46514	45455	99.990
	3	46072	45418	45846	45749	45901	46159	46161	46668	46414	46394	46630	46393	100.358
	4	46207	46240	46492	46147	46075	45891	46293	45989	45738	46506	45919	46273	100.351
	5	46612	46030	46447	46761	45756	46046	46165	46028	46170	46640	46159	46543	100.639
	6	46194	45949	46163	45932	46317	46576	46186	46739	45583	46168	46556	45924	100.445
	7	46253	46250	47063	45968	46412	46046	46377	46202	45613	46338	46355	45947	100.542
	8	46598	46329	46129	46212	45955	45771	45598	45766	46474	45999	46099	46375	100.267
	9	46637	45652	46771	46255	45776	45809	46314	46277	45961	46049	47004	46120	100.506
	10	46317	46460	46331	46042	46841	46169	46120	45922	45781	46510	46040	45785	100.450
	11	46178	46505	46306	46843	46060	46684	46924	46568	46366	46309	46293	46417	101.019
	12	46830	46614	45980	46277	45905	46233	45851	45754	47089	46187	46837	46421	100.751
	13	46876	46212	45768	46430	46509	46771	46426	46327	46226	46537	46197	46604	100.915
	14	46498	46711	46634	46299	45584	46811	45938	46490	46828	46640	46263	46333	100.942
	15	46548	45990	46512	46370	46433	45998	45948	45969	46643	46527	46003	46639	100.679
	16	46352	46468	46512	46119	46415	46149	46142	47022	45557	47118	46401	46797	100.946
	17	46124	46678	46097	46710	46204	46843	46562	46456	46912	46876	46322	46520	101.173
	18	45823	45834	45932	46882	46231	45509	46109	46769	46008	45808	45985	46129	100.215
	19	46349	46632	46837	46630	46222	46396	46378	46376	46610	46609	46416	46441	101.098
	20	46554	46362	46066	45968	46759	46763	46935	46396	46329	45915	46443	46347	100.906
	21	46321	46366	46185	45980	46405	46064	46512	46633	46554	46449	46563	46526	100.856
	22	46729	46247	45605	46978	46478	46863	46855	46203	46184	46375	46769	46613	101.099
	23	46272	46057	46035	46780	46613	46705	46314	45700	46030	46631	45669	46127	100.562

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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	46402	45639	46282	45810	45898	46503	46057	46295	46560	46151	46508	46034	100.414
	1	46462	46029	46012	45953	45948	46865	45730	45596	45923	46124	46421	46040	100.230
	2	46131	46226	45822	45989	45921	46596	45913	46304	46091	46441	46267	45751	100.294
	3	45981	46014	46501	45944	46448	46228	45928	46139	46013	46145	45945	45714	100.211
	4	46672	46095	46412	46116	46464	45767	45787	46230	45852	45469	46242	46322	100.289
	5	45265	45967	46260	46767	46332	45918	45703	45751	46005	46115	46133	45982	100.066
	6	46228	46246	46222	45979	45978	45992	45795	46206	46639	46383	46193	46480	100.454
	7	46326	45944	46387	46503	46097	46100	46584	46243	45788	46181	45741	46091	100.390
	8	46471	46592	46721	45766	46276	46181	46910	45689	45993	46023	46193	46609	100.651
	9	45745	46016	46316	46041	46179	46051	46650	46322	45841	46270	46479	46940	100.547
	10	46387	46089	46068	46704	45898	47476	46319	46744	46009	46179	46130	46069	100.768
	11	46426	46893	45935	46162	46621	46932	46599	46154	46438	46161	45926	46404	100.873
	12	46322	46321	46574	46131	46123	46465	46340	47140	46281	46757	45758	46963	100.968
	13	46153	46013	46719	46329	47291	47263	46164	46334	47101	46582	45588	45984	101.031
	14	46682	45861	46413	46896	46033	46392	46010	46679	46884	46658	46951	46353	101.083
	15	46545	45911	46801	46456	46309	46155	46052	46956	46633	46237	45668	45775	100.664
	16	46728	46107	46218	46355	45975	46254	46354	46566	46499	46228	45488	45917	100.518
	17	46221	46537	46525	46448	46161	46314	46970	46433	46023	46350	46113	46223	100.813
	18	45091	46117	46315	46116	46175	46062	45863	46442	46068	46119	46114	46024	100.122
	19	45984	46179	45475	46416	46228	45891	45840	46342	45655	46667	46339	45571	100.136
	20	46164	46327	45404	46141	45944	45889	45869	45966	46119	45999	45773	46370	100.024
	21	45540	46108	46159	46422	46014	46023	46685	46161	46295	46643	46419	46667	100.599
	22	46536	46291	46398	45816	46131	46099	46665	45846	46504	46612	46497	45701	100.591
	23	46220	46422	46291	45892	46222	45937	46410	46686	45684	46146	45821	46002	100.345
24	0	46487	46025	46068	46454	46058	45954	46541	46172	46337	46193	46130	45997	100.466
	1	45915	46147	46522	45498	46210	45944	45905	46279	45689	45840	46625	46335	100.195
	2	45985	46125	46073	46846	46060	46607	45758	46502	45831	46009	45589	45799	100.245
	3	46386	45871	46043	46300	46074	45606	46169	45615	45573	46599	46499	45519	100.076
	4	46543	46077	45864	46121	45660	46041	45701	45926	46215	46416	45782	46563	100.195
	5	45997	45266	45470	46627	46018	45516	45792	45610	46084	46249	45773	45578	99.664
	6	46400	45981	45760	46055	46086	46674	45774	46567	45983	45842	45902	46292	100.269
	7	45974	45762	45742	46736	45629	46230	45823	46142	45985	46326	46509	45347	100.067
	8	45981	46093	46049	45562	45483	45747	46120	45805	45748	46242	46087	45944	99.824
	9	46331	45920	46278	46133	45796	46169	45420	46554	45398	46761	45992	45736	100.119
	10	46256	46031	45893	45835	45883	45750	45479	45867	46367	46324	46132	45669	99.937
	11	45623	46143	46149	46431	46163	46001	45833	45695	45899	46308	46296	46307	100.184
	12	46095	45815	46530	46585	45803	46022	46052	46036	46266	46316	46230	45854	100.321
	13	45648	45766	45969	46712	45998	46044	45480	45179	45734	46131	45983	45814	99.751
	14	46361	46076	45758	45887	46170	46267	46519	45789	45994	46518	45900	46019	100.259
	15	45496	46122	45668	46250	46350	45796	46655	46485	46634	46548	45451	46464	100.378
	16	46516	46839	46003	46293	46143	46534	46349	46197	45898	46909	46468	46276	100.832
	17	46148	45990	45549	46118	45772	45891	46713	46309	46632	46427	46589	45825	100.385
	18	46384	45931	46158	46122	45947	45974	45745	45940	46423	46539	45686	46726	100.316
	19	46998	46494	46051	46001	46553	46312	46422	46117	46054	46331	46002	45666	100.574
	20	46051	46436	46784	46786	46212	45897	46395	46598	46473	46221	45792	46417	100.766
	21	46388	45989	46702	46042	46699	45665	46153	46266	45845	46433	46167	46287	100.508
	22	45536	45638	46330	46350	45602	46128	45725	45961	46405	46230	45453	46340	99.976
	23	45629	45896	45819	46381	45714	46405	46116	46058	46622	45782	46294	45959	100.152

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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	45689	45844	45946	46528	46189	45624	45735	45797	46116	46212	46307	46197	100.061	
	1	46318	46279	46074	45875	46063	45943	45702	46092	45728	45211	45571	46417	99.899	
	2	46537	45969	46170	45717	46232	46025	46450	45832	45977	46074	45564	45616	100.060	
	3	45567	46234	46425	46454	45717	47256	45137	46153	45821	45789	46520	45931	100.212	
	4	45514	46151	45695	45816	46108	46070	45439	46147	45446	46280	46011	46036	99.797	
	5	46173	45908	45404	45290	45452	45885	46161	45643	45983	46182	46177	45649	99.651	
	6	45711	45354	45650	45888	45637	46264	45494	45961	46434	46003	46213	46445	99.858	
	7	46032	45830	46126	45837	46454	46234	45890	46091	45699	46216	46243	45813	100.114	
	8	45741	46018	46360	45684	46212	46365	46463	46678	46168	45864	46325	46672	100.492	
	9	46967	46388	45966	46169	45980	46022	46337	46213	46525	46799	46768	46439	100.859	
	10	45856	46225	46527	46564	45950	46307	46185	46208	46064	46131	46135	46344	100.483	
	11	46458	46621	45879	46685	46509	46364	46600	47197	46707	46458	46083	46277	101.089	
	12	46949	46309	46131	46627	47437	46707	45375	46604	46156	46442	45823	45911	100.840	
	13	46333	46480	46592	45802	46216	45917	46258	46044	46209	46223	45944	45965	100.390	
	14	46540	46469	46283	46306	46766	45859	45794	46721	46584	46133	46044	46425	100.741	
	15	46125	46033	46091	46164	45944	45634	46625	47018	45801	46524	46276	46239	100.478	
	16	46266	45946	46278	46012	46186	45903	45907	46162	46210	46091	45729	46079	100.170	
	17	46227	45628	46491	46262	45888	46336	46255	45691	46413	46563	45686	45630	100.224	
	18	46024	45931	46701	46222	45808	45599	46291	46336	46589	46168	45803	46847	100.451	
	19	46658	46374	46665	45771	46062	45823	46756	45989	46653	45838	45570	46401	100.494	
	20	46099	46053	46167	45928	46354	46235	46112	45394	45983	46053	45721	45709	99.996	
	21	46165	46232	45855	45406	45631	45763	46391	45630	46119	46112	45851	46224	99.918	
	22	46241	45669	45589	45713	46075	45411	45788	45611	45988	46021	46063	45844	99.670	
	23	45474	45820	46296	45856	45395	45754	45542	46197	45835	45943	46030	46160	99.722	
26	0	46447	45233	45590	46572	45638	46415	45414	46106	45664	45920	45572	45985	99.763	
	1	45865	45899	45880	46214	45760	45971	46001	45932	45893	45997	45967	45468	99.821	
	2	45967	46329	46125	45248	44832	46243	46225	45218	45082	46298	45551	45919	99.493	
	3	45560	46055	45813	45990	45881	45987	45925	45887	46399	45943	45123	45674	99.710	
	4	45477	45971	46494	46211	45428	45921	46069	46337	46212	46153	46260	46141	100.152	
	5	45595	45794	46014	45787	45542	45794	46138	46180	45966	45686	46106	45830	99.746	
	6	45529	46123	45729	45542	45917	45605	45367	46241	45979	45214	45611	45517	99.373	
	7	46291	45656	46001	45663	45941	46250	45476	45904	46252	45352	45669	45694	99.695	
	8	45203	45663	46398	45864	46215	46094	46076	45633	45689	45538	45643	45480	99.577	
	9	45232	45796	46398	45817	45461	45906	45773	45537	45951	45821	45821	46244	99.624	
	10	45834	46336	46664	45820	46828	45821	45917	45864	45540	45706	46131	45817	100.081	
	11	46135	46133	45330	45138	46712	45925	45889	46136	46011	46201	46081	45826	99.943	
	12	46104	45981	45557	45938	45782	45969	46463	46108	45918	45348	46134	45663	99.843	
	13	45916	45435	46133	45467	45781	45688	46084	46210	46082	44998	45490	45036	99.363	
	14	45682	46437	45478	46089	45177	45540	45660	45979	45131	45761	45670	45521	99.328	
	15	45357	45250	45292	45651	46099	45747	45716	46034	46164	45559	45699	45852	99.381	
	16	46434	45853	45941	45079	46357	46262	45804	46143	45830	46152	45581	46569	100.031	
	17	46237	45396	45834	46181	45486	45266	45361	45666	45751	45650	45666	45729	99.346	
	18	45331	45623	45485	45433	45272	45437	44659	45473	45000	44931	44976	45017	98.334	
	19	45640	45120	44800	45687	44684	44938	45232	44714	45129	45258	45715	44597	98.130	
	20	44921	44754	44866	45124	45640	45647	44421	45703	44737	45531	44830	45367	98.134	
	21	46184	45431	45102	45065	45335	44943	45085	45100	46141	45792	45406	44911	98.670	
	22	45047	45429	45175	45665	45136	45589	44902	45081	45278	45649	45728	45468	98.608	
	23	45531	45738	45598	45479	45244	45524	45491	45637	45213	45690	45212	45594	98.934	

INAF/UNIRomaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - September 2011											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
27	0	45410	45599	45370	45686	45058	45675	44829	45356	45729	45008	44452	45099	98.446
	1	45537	45919	45728	44916	44853	45983	45246	44990	45226	45202	45178	45477	98.627
	2	45523	45055	45505	44919	44786	45622	45288	45084	45740	45590	45807	45698	98.692
	3	44374	44650	45191	45253	45216	44994	45738	44773	44865	45584	45453	45141	98.079
	4	45370	45462	45037	45828	44205	45628	45465	44680	45318	45189	44747	44985	98.203
	5	45621	45176	44543	44694	44453	45126	45055	45921	44997	44765	44968	44955	97.905
	6	44929	44968	44970	45073	45786	45212	45067	44682	45307	45361	44861	44845	98.048
	7	45421	45390	44811	45580	45135	44827	45537	44990	45505	45595	45350	45439	98.504
	8	44809	45459	44690	45245	44725	44960	44791	45214	45182	45612	45274	44679	97.972
	9	44923	44556	45084	45224	45329	45303	44539	45005	44663	44699	44837	44897	97.685
	10	44947	45716	44691	45080	45170	45209	45120	44944	44336	44801	45129	45348	97.944
	11	44763	44578	45049	45173	45310	44244	44682	45266	45042	45108	45192	45173	97.780
	12	45256	44570	45506	45293	44846	44712	44877	44786	44921	44996	45127	45034	97.842
	13	45911	45225	45469	45480	45501	44454	45050	44900	45172	45781	44913	45174	98.404
	14	44904	45396	45513	45021	45042	44837	44550	44835	44478	44709	45028	45314	97.788
	15	44810	44855	45144	44789	45616	44668	45356	45485	44497	45054	44512	45352	97.881
	16	44592	44779	45695	44688	45001	45248	44753	45855	44850	44957	45102	44815	97.916
	17	44662	45050	44688	44271	44424	44935	44365	45191	45122	45465	44694	44688	97.412
	18	45341	45174	45576	45098	45847	45378	45715	45411	45004	44904	45152	45690	98.634
	19	45581	44429	45563	44506	45402	44909	45663	44929	45781	44772	45010	45348	98.199
	20	45013	45809	45106	45410	45424	45735	45091	45378	45123	44499	45025	45419	98.405
	21	45174	44706	44725	44798	45521	44801	45010	45165	45022	44462	44597	45319	97.729
	22	45224	45492	45190	44463	45473	44979	45093	45164	44887	45164	44941	44494	97.958
	23	45071	45690	45378	44983	45387	44791	45217	45273	44890	45494	45511	45436	98.422
28	0	45238	44974	44618	45150	45520	45333	45064	45063	45800	45021	45020	44822	98.148
	1	44891	45174	45559	45401	45077	45531	44864	45190	44666	45023	45961	44132	98.122
	2	45053	44849	44832	45216	45292	45452	45555	45208	45517	45714	45506	45171	98.466
	3	45735	45675	45379	45595	45269	45261	45093	46024	45023	44784	46007	44898	98.715
	4	45430	45263	45126	44966	45392	45826	45194	44809	45613	44697	45059	45092	98.303
	5	45642	44726	44908	44736	45443	44741	45187	45509	45449	45516	45101	44952	98.201
	6	45358	45362	45368	45283	44869	45365	45045	44878	45110	44773	46012	44982	98.292
	7	44959	44937	45449	45308	45277	45119	45186	45311	45424	44804	45144	44638	98.137
	8	45001	44812	45001	44987	45423	44933	45213	45195	45469	44658	45262	45185	98.062
	9	45327	45556	45106	44926	43799	45002	45307	44924	45378	44686	45093	45241	97.918
	10	44697	45372	44714	44392	44928	44982	45091	44807	45208	44651	45049	45146	97.681
	11	45181	45572	45145	45124	45135	45044	44777	45281	45440	44957	45452	45357	98.302
	12	45253	44231	45453	45244	45227	44711	45169	45647	44570	44879	45350	45077	98.003
	13	44985	44474	45278	45201	45382	45233	45679	45368	45184	45539	45285	45162	98.358
	14	44989	45205	45065	44898	45557	45231	44710	44867	44867	45538	44940	45464	98.097
	15	45157	45000	45372	44782	45511	44913	45450	45240	46088	45955	45160	45119	98.535
	16	45008	45252	45570	45458	45032	45827	45991	45889	45254	45850	44346	45172	98.698
	17	45337	46052	45498	44899	45278	45246	45874	45554	45426	45342	45149	45202	98.736
	18	46066	45387	45555	44858	45255	45466	45543	45028	45574	45393	45593	45347	98.774
	19	44716	45202	45526	45619	44748	45172	44926	45415	45124	45286	45533	44795	98.230
	20	45161	45349	45370	45543	45268	45927	45051	45191	45407	45649	45728	45822	98.846
	21	45742	45269	44796	45666	46076	45364	45479	44861	45397	45529	46042	45801	98.947
	22	45175	45451	46188	45462	45998	45708	45208	45627	45534	45179	45429	45179	98.968
	23	45022	45440	45364	45399	45846	45614	45651	45109	45412	45586	45164	45527	98.786

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – September 2011										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	45121	45304	44890	45539	45001	45444	45796	45206	45409	45555	45192	45280	98.531	
	1	45574	45174	45359	44798	46149	45947	45434	45602	45148	46031	45640	45795	99.061	
	2	45637	45552	45884	45601	45810	45259	44945	45295	45361	45409	45182	44711	98.698	
	3	45033	45211	44886	44521	45196	45165	45361	45269	45407	45198	45720	45057	98.222	
	4	45218	45412	44672	44999	45001	45771	45108	45758	45314	45425	44906	45352	98.388	
	5	45448	45488	45629	45497	45373	45318	45309	45331	44814	45050	45634	45637	98.676	
	6	45542	45184	45682	44490	44905	45180	45333	45336	44703	45791	44821	44468	98.116	
	7	44921	45425	45161	44944	45100	45554	45122	45838	45708	45549	45643	44656	98.512	
	8	45443	44832	45961	45052	45375	45369	46008	46128	45574	45275	45292	45303	98.873	
	9	46040	45312	45053	45208	44927	45374	45384	45041	45390	45034	45321	44841	98.386	
	10	45084	44682	44463	44578	45854	44807	45288	44953	45527	45163	45433	45683	98.131	
	11	45457	45144	45292	45800	45332	45442	45940	44802	46170	45356	45208	45921	98.919	
	12	45994	45207	45437	45385	45752	45613	45093	46157	45267	45454	44835	44970	98.791	
	13	45353	45249	45172	45458	45123	45519	45384	45402	45489	45196	45017	45001	98.465	
	14	44779	45488	44803	44849	45517	45701	45428	45318	45237	45175	46266	44773	98.460	
	15	45743	45336	45431	45020	45266	45871	45513	45123	45665	45530	44678	45566	98.715	
	16	45325	45160	45497	45943	45301	45526	45653	45773	46060	45799	45782	45420	99.167	
	17	46006	45677	45560	45636	45616	45523	45332	45109	45135	45927	45750	46328	99.233	
	18	46199	46032	45648	45576	45607	45740	45693	46023	46011	45802	46067	45489	99.648	
	19	45826	45987	45797	46845	45913	45353	45376	45913	45439	45864	45839	46095	99.713	
	20	45724	45780	46279	45987	45481	46051	46091	46043	46581	45687	45581	45826	99.869	
	21	45948	45629	45450	45684	46123	45461	45797	45523	45243	46218	45574	45785	99.384	
	22	45595	45657	45757	45831	45680	45582	45621	45590	45422	45132	45858	45522	99.169	
	23	45392	45122	44913	45117	45975	45084	45361	45361	45530	45940	45370	44809	98.576	
30	0	44894	45580	45631	45260	45364	45627	45833	45502	45581	44508	45658	45007	98.660	
	1	45708	45651	45778	44880	45055	45144	45435	45203	46067	45655	45550	45107	98.804	
	2	45299	45671	45087	45368	45623	45409	45688	45309	45716	45283	45213	44903	98.684	
	3	45080	45106	45281	45519	45202	45467	44364	45567	45493	45424	45121	45858	98.487	
	4	45578	45212	45437	45994	45187	45741	45567	45270	45895	45549	45703	44937	98.956	
	5	45339	45578	45656	45650	46083	45815	45635	45352	45629	46132	45902	45004	99.265	
	6	45525	46058	45388	45836	45850	46082	45076	45325	45724	45891	45304	45272	99.184	
	7	45286	45537	46141	45457	45143	45544	45946	45478	45087	44859	45222	45112	98.728	
	8	45499	44864	45475	45378	45102	45532	45846	45719	45707	45805	45718	45599	98.987	
	9	45204	46092	44798	45924	44824	46379	45365	45927	45254	45009	45185	45632	98.869	
	10	45714	46295	45349	45851	45457	45616	45806	45659	45754	44484	44998	45843	99.092	
	11	45210	45451	45543	45388	45420	45254	44701	45463	46068	44815	45798	45479	98.688	
	12	45546	44564	45626	45590	44452	45136	45847	45182	44443	45854	45248	44522	98.220	
	13	44767	45068	45198	44635	45776	45487	44763	45242	45111	45333	45157	45792	98.278	
	14	45493	44679	45363	45274	45684	45759	45618	45266	45755	45441	45348	44872	98.680	
	15	45174	45360	44699	45772	45612	45565	45747	44899	45334	45058	44350	44746	98.276	
	16	45687	45266	44991	45624	45391	45026	45961	46071	44564	44992	45633	45004	98.619	
	17	45574	46125	46380	45763	45441	45178	44735	45465	45315	45330	45258	46073	99.058	
	18	45425	45080	45346	45423	45256	45395	45690	45579	45690	45745	45967	45433	98.949	
	19	45827	44826	45259	45768	46064	46006	45533	45211	46307	45692	45602	45358	99.206	
	20	45549	46133	46180	46141	45430	46301	46147	45804	45515	45615	45466	45767	99.677	
	21	45219	45748	44688	45531	45241	45238	45683	45149	45233	45304	45493	45655	98.614	
	22	44990	45207	45633	45808	45077	45495	45548	45561	45598	45412	45654	45774	98.899	
	23	45605	45248	45567	45144	45987	45637	45730	45556	45401	45236	45733	45669	99.036	

S.V.I.R.CO. Observatory - Pressure in hectoPascal – September 2011

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	1014.17	1014.18	1014.18	1014.22	1014.21	1014.08	1013.98	1013.95	1013.93	1013.95	1014.03	1014.09	1014.08
	1	1014.11	1014.10	1014.10	1014.12	1014.10	1014.10	1014.11	1014.07	1014.08	1014.12	1014.15	1014.18	1014.11
	2	1014.20	1014.20	1014.24	1014.23	1014.17	1014.22	1014.29	1014.25	1014.24	1014.31	1014.37	1014.43	1014.26
	3	1014.47	1014.47	1014.49	1014.58	1014.63	1014.69	1014.75	1014.76	1014.83	1014.86	1014.85	1014.88	1014.69
	4	1014.92	1014.93	1014.92	1014.89	1014.86	1014.88	1014.95	1015.07	1015.16	1015.16	1015.15	1015.20	1015.01
	5	1015.29	1015.34	1015.36	1015.40	1015.44	1015.50	1015.53	1015.53	1015.54	1015.56	1015.56	1015.54	1015.46
	6	1015.54	1015.57	1015.54	1015.50	1015.45	1015.40	1015.36	1015.34	1015.30	1015.29	1015.33	1015.33	1015.41
	7	1015.31	1015.31	1015.33	1015.32	1015.28	1015.25	1015.31	1015.35	1015.35	1015.38	1015.38	1015.31	1015.32
	8	1015.27	1015.28	1015.28	1015.24	1015.14	1015.05	1015.05	1015.09	1015.10	1015.10	1015.11	1015.10	1015.15
	9	1015.07	1015.08	1015.03	1014.98	1014.97	1014.94	1014.91	1014.93	1014.91	1014.81	1014.74	1014.72	1014.92
	10	1014.68	1014.63	1014.59	1014.53	1014.48	1014.41	1014.33	1014.27	1014.21	1014.16	1014.08	1013.99	1014.36
	11	1013.94	1013.91	1013.90	1013.90	1013.89	1013.90	1013.92	1013.97	1014.03	1014.11	1014.17	1014.21	1013.98
	12	1014.25	1014.33	1014.39	1014.41	1014.42	1014.43	1014.43	1014.41	1014.41	1014.42	1014.41	1014.40	1014.39
	13	1014.41	1014.43	1014.44	1014.47	1014.54	1014.59	1014.61	1014.62	1014.61	1014.57	1014.53	1014.51	1014.53
	14	1014.50	1014.47	1014.38	1014.30	1014.29	1014.30	1014.31	1014.27	1014.23	1014.21	1014.21	1014.22	1014.31
	15	1014.21	1014.17	1014.21	1014.25	1014.26	1014.31	1014.36	1014.39	1014.39	1014.35	1014.32	1014.32	1014.29
	16	1014.30	1014.25	1014.22	1014.21	1014.17	1014.14	1014.18	1014.22	1014.17	1014.12	1014.12	1014.14	1014.18
	17	1014.19	1014.22	1014.22	1014.21	1014.18	1014.20	1014.27	1014.31	1014.30	1014.31	1014.36	1014.34	1014.26
	18	1014.32	1014.37	1014.41	1014.48	1014.54	1014.58	1014.62	1014.65	1014.68	1014.71	1014.76	1014.79	1014.57
	19	1014.76	1014.72	1014.68	1014.63	1014.64	1014.68	1014.69	1014.75	1014.80	1014.80	1014.81	1014.78	1014.73
	20	1014.71	1014.59	1014.50	1014.43	1014.42	1014.51	1014.62	1014.67	1014.62	1014.60	1014.64	1014.69	1014.58
	21	1014.74	1014.79	1014.81	1014.80	1014.83	1014.87	1014.86	1014.78	1014.74	1014.75	1014.78	1014.76	1014.79
	22	1014.69	1014.65	1014.63	1014.61	1014.61	1014.62	1014.62	1014.58	1014.52	1014.51	1014.58	1014.65	1014.60
	23	1014.66	1014.65	1014.63	1014.66	1014.74	1014.71	1014.65	1014.65	1014.62	1014.60	1014.56	1014.51	1014.63
2	0	1014.51	1014.51	1014.45	1014.37	1014.36	1014.42	1014.46	1014.44	1014.36	1014.27	1014.22	1014.19	1014.37
	1	1014.18	1014.21	1014.21	1014.15	1014.11	1014.08	1014.03	1014.06	1014.13	1014.16	1014.18	1014.19	1014.14
	2	1014.20	1014.20	1014.17	1014.15	1014.13	1014.09	1014.07	1014.08	1014.08	1014.05	1014.09	1014.13	1014.12
	3	1014.08	1014.07	1014.07	1014.06	1014.05	1014.01	1013.99	1014.02	1014.03	1014.00	1013.97	1013.98	1014.02
	4	1013.98	1013.97	1013.96	1013.97	1014.00	1014.04	1014.12	1014.23	1014.34	1014.48	1014.56	1014.56	1014.18
	5	1014.61	1014.67	1014.69	1014.68	1014.65	1014.64	1014.68	1014.70	1014.69	1014.65	1014.61	1014.63	1014.66
	6	1014.67	1014.67	1014.65	1014.63	1014.62	1014.60	1014.64	1014.61	1014.50	1014.50	1014.52	1014.49	1014.59
	7	1014.46	1014.45	1014.46	1014.49	1014.49	1014.45	1014.38	1014.35	1014.39	1014.45	1014.53	1014.59	1014.46
	8	1014.59	1014.53	1014.46	1014.40	1014.32	1014.25	1014.20	1014.15	1014.10	1014.11	1014.15	1014.15	1014.28
	9	1014.09	1013.98	1013.90	1013.88	1013.87	1013.84	1013.82	1013.80	1013.80	1013.79	1013.73	1013.64	1013.84
	10	1013.55	1013.50	1013.48	1013.43	1013.41	1013.38	1013.38	1013.41	1013.37	1013.32	1013.33	1013.35	1013.41
	11	1013.29	1013.21	1013.14	1013.06	1013.01	1012.96	1012.91	1012.86	1012.81	1012.77	1012.78	1012.79	1012.96
	12	1012.75	1012.70	1012.66	1012.62	1012.61	1012.61	1012.60	1012.58	1012.53	1012.46	1012.40	1012.33	1012.57
	13	1012.27	1012.25	1012.23	1012.19	1012.15	1012.15	1012.11	1012.06	1012.05	1012.06	1012.08	1012.05	1012.14
	14	1012.02	1012.11	1012.17	1012.15	1012.15	1012.17	1012.17	1012.10	1012.05	1012.01	1011.93	1011.93	1012.08
	15	1011.99	1012.01	1012.02	1012.06	1012.09	1012.08	1012.11	1012.15	1012.16	1012.17	1012.12	1012.12	1012.09
	16	1012.19	1012.24	1012.20	1012.15	1012.15	1012.17	1012.20	1012.28	1012.28	1012.18	1012.15	1012.18	1012.20
	17	1012.20	1012.27	1012.42	1012.57	1012.64	1012.66	1012.64	1012.61	1012.59	1012.64	1012.75	1012.75	1012.56
	18	1012.62	1012.51	1012.49	1012.41	1012.28	1012.19	1011.98	1011.76	1011.77	1012.01	1012.37	1012.66	1012.25
	19	1012.74	1012.72	1012.73	1012.84	1013.00	1013.00	1012.91	1012.91	1012.93	1012.89	1012.95	1012.98	1012.88
	20	1012.88	1012.83	1012.80	1012.71	1012.60	1012.45	1012.42	1012.39	1012.21	1012.32	1012.69	1012.76	1012.59
	21	1012.52	1012.39	1012.26	1012.20	1012.24	1012.24	1012.15	1012.15	1012.22	1012.15	1012.07	1012.06	1012.22
	22	1012.05	1012.01	1011.93	1011.96	1012.02	1012.06	1012.19	1012.27	1012.24	1012.26	1012.27	1012.33	1012.13
	23	1012.42	1012.40	1012.34	1012.34	1012.40	1012.46	1012.56	1012.58	1012.51	1012.49	1012.50	1012.50	1012.46

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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
3	0	1012.44	1012.43	1012.46	1012.49	1012.50	1012.49	1012.49	1012.48	1012.42	1012.40	1012.39	1012.32	1012.44
	1	1012.24	1012.19	1012.23	1012.41	1012.66	1012.88	1012.99	1013.10	1013.38	1013.47	1013.33	1013.13	1012.83
	2	1013.08	1013.08	1013.13	1013.19	1012.95	1012.85	1013.04	1012.83	1012.57	1012.63	1012.66	1012.56	1012.88
	3	1012.46	1012.57	1012.71	1012.90	1013.04	1013.03	1012.98	1012.91	1012.83	1012.77	1012.66	1012.62	1012.79
	4	1012.65	1012.76	1012.78	1012.73	1012.82	1012.80	1012.66	1012.60	1012.59	1012.53	1012.41	1012.34	1012.64
	5	1012.31	1012.29	1012.26	1012.25	1012.27	1012.27	1012.31	1012.31	1012.27	1012.28	1012.24	1012.22	1012.27
	6	1012.21	1012.21	1012.24	1012.24	1012.24	1012.27	1012.33	1012.40	1012.39	1012.36	1012.35	1012.32	1012.29
	7	1012.28	1012.22	1012.20	1012.21	1012.20	1012.15	1012.10	1012.08	1012.06	1012.04	1012.03	1012.04	1012.13
	8	1012.04	1012.02	1012.01	1012.06	1012.11	1012.09	1012.08	1012.07	1012.05	1012.05	1012.03	1012.04	1012.05
	9	1012.10	1012.17	1012.24	1012.27	1012.32	1012.35	1012.34	1012.32	1012.29	1012.30	1012.32	1012.33	1012.28
	10	1012.31	1012.26	1012.19	1012.12	1012.07	1012.03	1011.99	1011.94	1011.95	1011.94	1011.95	1012.06	1012.06
	11	1012.13	1012.11	1012.05	1012.04	1012.00	1011.97	1011.99	1011.99	1011.99	1012.01	1012.03	1012.02	1012.03
	12	1012.03	1012.09	1012.11	1012.08	1012.07	1012.11	1012.19	1012.25	1012.30	1012.35	1012.36	1012.35	1012.19
	13	1012.42	1012.48	1012.46	1012.44	1012.46	1012.46	1012.38	1012.32	1012.36	1012.38	1012.31	1012.23	1012.39
	14	1012.21	1012.21	1012.18	1012.14	1012.14	1012.15	1012.12	1012.10	1012.08	1012.08	1012.12	1012.13	1012.14
	15	1012.08	1012.01	1011.98	1011.97	1011.93	1011.87	1011.88	1011.90	1011.89	1011.92	1011.98	1012.03	1011.95
	16	1012.03	1012.03	1012.03	1012.00	1011.95	1011.90	1011.89	1011.90	1011.87	1011.82	1011.82	1011.85	1011.92
	17	1011.88	1011.90	1011.91	1011.92	1011.94	1011.93	1011.86	1011.82	1011.79	1011.70	1011.64	1011.59	1011.82
	18	1011.56	1011.55	1011.51	1011.44	1011.40	1011.36	1011.34	1011.37	1011.40	1011.43	1011.41	1011.38	1011.43
	19	1011.42	1011.46	1011.49	1011.53	1011.58	1011.67	1011.80	1011.97	1012.07	1012.15	1012.28	1012.37	1011.81
	20	1012.39	1012.39	1012.43	1012.46	1012.41	1012.41	1012.47	1012.54	1012.57	1012.56	1012.52	1012.50	1012.47
	21	1012.51	1012.52	1012.49	1012.48	1012.52	1012.54	1012.56	1012.57	1012.56	1012.60	1012.72	1012.83	1012.57
	22	1012.90	1012.98	1013.06	1013.12	1013.13	1013.12	1013.22	1013.30	1013.30	1013.34	1013.54	1013.72	1013.23
	23	1013.74	1013.81	1013.88	1013.82	1013.83	1013.87	1013.84	1013.74	1013.74	1013.74	1013.66	1013.56	1013.77
4	0	1013.50	1013.43	1013.25	1013.04	1012.88	1012.74	1012.70	1012.72	1012.73	1012.75	1012.69	1012.72	1012.90
	1	1012.80	1012.76	1012.74	1012.80	1012.81	1012.78	1012.74	1012.69	1012.61	1012.52	1012.55	1012.66	1012.70
	2	1012.73	1012.68	1012.51	1012.35	1012.24	1012.15	1012.07	1012.03	1012.07	1012.14	1012.19	1012.19	1012.28
	3	1012.22	1012.37	1012.50	1012.54	1012.55	1012.58	1012.62	1012.65	1012.65	1012.64	1012.64	1012.64	1012.55
	4	1012.62	1012.64	1012.68	1012.63	1012.56	1012.52	1012.46	1012.41	1012.42	1012.46	1012.51	1012.52	1012.53
	5	1012.51	1012.54	1012.51	1012.44	1012.47	1012.58	1012.74	1012.90	1013.00	1013.10	1013.13	1013.14	1012.75
	6	1013.14	1013.02	1012.91	1012.88	1012.79	1012.64	1012.59	1012.53	1012.37	1012.41	1012.53	1012.52	1012.69
	7	1012.48	1012.52	1012.56	1012.52	1012.58	1012.70	1012.82	1012.89	1012.88	1012.90	1012.98	1013.15	1012.75
	8	1013.24	1013.21	1013.20	1013.21	1013.19	1013.18	1013.17	1013.08	1013.07	1013.12	1013.15	1013.23	1013.17
	9	1013.27	1013.24	1013.19	1013.25	1013.34	1013.34	1013.27	1013.22	1013.22	1013.29	1013.31	1013.31	1013.27
	10	1013.30	1013.21	1013.12	1013.11	1013.17	1013.20	1013.15	1013.04	1012.92	1012.76	1012.66	1012.64	1013.02
	11	1012.65	1012.75	1012.89	1012.98	1013.00	1013.02	1013.06	1013.11	1013.11	1013.11	1013.12	1013.10	1012.99
	12	1013.20	1013.32	1013.35	1013.34	1013.27	1013.27	1013.34	1013.37	1013.38	1013.42	1013.48	1013.47	1013.35
	13	1013.47	1013.51	1013.52	1013.61	1013.62	1013.58	1013.62	1013.67	1013.63	1013.53	1013.36	1013.13	1013.52
	14	1013.06	1013.10	1013.07	1013.05	1013.10	1013.18	1013.23	1013.21	1013.16	1013.14	1013.11	1013.03	1013.12
	15	1013.01	1013.01	1012.91	1012.88	1012.94	1012.96	1013.00	1013.15	1013.20	1013.04	1012.98	1012.94	1013.00
	16	1012.84	1012.82	1012.97	1013.12	1013.18	1013.23	1013.36	1013.53	1013.65	1013.77	1013.94	1014.02	1013.37
	17	1014.11	1014.29	1014.47	1014.63	1014.74	1014.76	1014.69	1014.68	1014.63	1014.58	1014.70	1014.84	1014.59
	18	1015.04	1015.39	1015.59	1015.64	1015.76	1015.83	1015.88	1015.95	1015.99	1016.09	1016.27	1016.46	1015.82
	19	1016.47	1016.43	1016.53	1016.64	1016.75	1016.62	1016.40	1016.33	1016.36	1016.50	1016.48	1016.24	1016.48
	20	1016.16	1016.23	1016.37	1016.36	1016.02	1015.79	1015.92	1016.18	1016.12	1016.08	1016.13	1016.12	1016.12
	21	1016.12	1016.24	1016.42	1015.97	1015.54	1015.68	1015.89	1015.78	1015.54	1015.60	1015.72	1015.70	1015.85
	22	1015.57	1015.42	1015.32	1015.26	1015.11	1014.87	1014.83	1014.87	1014.84	1014.83	1014.82	1014.83	1015.05
	23	1014.83	1014.79	1014.75	1014.71	1014.64	1014.60	1014.57	1014.52	1014.49	1014.47	1014.45	1014.42	1014.60

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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	1014.34	1014.28	1014.21	1014.21	1014.18	1014.15	1014.23	1014.30	1014.35	1014.37	1014.36	1014.36	1014.27
	1	1014.37	1014.39	1014.42	1014.43	1014.43	1014.42	1014.42	1014.40	1014.41	1014.40	1014.39	1014.40	1014.40
	2	1014.40	1014.44	1014.46	1014.49	1014.50	1014.44	1014.42	1014.47	1014.50	1014.50	1014.50	1014.55	1014.47
	3	1014.59	1014.60	1014.62	1014.64	1014.67	1014.68	1014.67	1014.68	1014.69	1014.72	1014.75	1014.76	1014.67
	4	1014.76	1014.81	1014.87	1014.89	1014.90	1014.93	1014.99	1015.07	1015.15	1015.16	1015.17	1015.22	1014.99
	5	1015.24	1015.26	1015.29	1015.31	1015.30	1015.29	1015.31	1015.31	1015.29	1015.27	1015.26	1015.30	1015.28
	6	1015.36	1015.39	1015.39	1015.37	1015.37	1015.38	1015.39	1015.41	1015.42	1015.43	1015.45	1015.51	1015.40
	7	1015.56	1015.59	1015.60	1015.63	1015.64	1015.65	1015.65	1015.65	1015.67	1015.71	1015.73	1015.75	1015.65
	8	1015.76	1015.78	1015.79	1015.78	1015.79	1015.81	1015.84	1015.87	1015.90	1015.89	1015.84	1015.79	1015.82
	9	1015.80	1015.82	1015.80	1015.79	1015.80	1015.80	1015.81	1015.81	1015.79	1015.73	1015.70	1015.72	1015.78
	10	1015.74	1015.74	1015.71	1015.66	1015.63	1015.63	1015.65	1015.68	1015.70	1015.71	1015.72	1015.70	1015.69
	11	1015.67	1015.70	1015.75	1015.77	1015.77	1015.74	1015.69	1015.65	1015.64	1015.62	1015.61	1015.65	1015.69
	12	1015.66	1015.65	1015.68	1015.75	1015.79	1015.80	1015.79	1015.79	1015.79	1015.81	1015.86	1015.89	1015.77
	13	1015.88	1015.86	1015.84	1015.84	1015.86	1015.84	1015.81	1015.78	1015.79	1015.79	1015.79	1015.80	1015.82
	14	1015.78	1015.79	1015.83	1015.85	1015.85	1015.84	1015.85	1015.84	1015.79	1015.78	1015.78	1015.80	1015.81
	15	1015.84	1015.83	1015.87	1015.91	1015.88	1015.85	1015.85	1015.86	1015.89	1015.94	1015.98	1015.99	1015.89
	16	1016.02	1016.06	1016.09	1016.16	1016.17	1016.11	1016.10	1016.13	1016.17	1016.18	1016.17	1016.20	1016.13
	17	1016.23	1016.26	1016.32	1016.38	1016.39	1016.40	1016.45	1016.53	1016.62	1016.68	1016.77	1016.87	1016.49
	18	1016.90	1016.94	1017.03	1017.09	1017.12	1017.12	1017.11	1017.12	1017.15	1017.17	1017.17	1017.21	1017.09
	19	1017.26	1017.27	1017.28	1017.33	1017.41	1017.47	1017.52	1017.57	1017.57	1017.54	1017.51	1017.50	1017.43
	20	1017.48	1017.47	1017.47	1017.49	1017.55	1017.58	1017.59	1017.61	1017.64	1017.66	1017.71	1017.72	1017.58
	21	1017.68	1017.70	1017.73	1017.74	1017.77	1017.72	1017.66	1017.63	1017.59	1017.53	1017.51	1017.50	1017.64
	22	1017.51	1017.57	1017.63	1017.63	1017.61	1017.59	1017.58	1017.57	1017.53	1017.50	1017.50	1017.49	1017.56
	23	1017.50	1017.53	1017.57	1017.58	1017.56	1017.55	1017.57	1017.57	1017.54	1017.54	1017.52	1017.48	1017.54
6	0	1017.48	1017.50	1017.53	1017.53	1017.52	1017.53	1017.56	1017.59	1017.61	1017.63	1017.60	1017.54	1017.55
	1	1017.54	1017.55	1017.55	1017.57	1017.56	1017.56	1017.59	1017.62	1017.65	1017.67	1017.68	1017.67	1017.60
	2	1017.66	1017.65	1017.62	1017.58	1017.58	1017.58	1017.58	1017.58	1017.53	1017.45	1017.37	1017.34	1017.54
	3	1017.35	1017.33	1017.34	1017.33	1017.25	1017.20	1017.17	1017.14	1017.14	1017.16	1017.17	1017.19	1017.23
	4	1017.19	1017.18	1017.20	1017.24	1017.22	1017.21	1017.19	1017.19	1017.20	1017.17	1017.18	1017.23	1017.20
	5	1017.31	1017.42	1017.48	1017.49	1017.52	1017.59	1017.68	1017.75	1017.76	1017.77	1017.84	1017.90	1017.62
	6	1017.90	1017.89	1017.91	1017.94	1017.96	1017.95	1017.94	1017.96	1017.97	1017.97	1017.99	1018.02	1017.95
	7	1018.04	1018.03	1018.05	1018.09	1018.11	1018.12	1018.13	1018.14	1018.18	1018.24	1018.24	1018.23	1018.13
	8	1018.23	1018.22	1018.20	1018.24	1018.31	1018.30	1018.27	1018.27	1018.23	1018.15	1018.08	1018.04	1018.21
	9	1018.02	1018.02	1018.03	1018.00	1017.96	1017.91	1017.84	1017.78	1017.71	1017.66	1017.61	1017.55	1017.84
	10	1017.53	1017.51	1017.49	1017.47	1017.42	1017.38	1017.35	1017.32	1017.28	1017.24	1017.22	1017.20	1017.36
	11	1017.14	1017.11	1017.11	1017.10	1017.07	1017.05	1017.00	1016.94	1016.90	1016.85	1016.83	1016.82	1016.99
	12	1016.83	1016.83	1016.77	1016.68	1016.60	1016.56	1016.52	1016.47	1016.44	1016.38	1016.29	1016.22	1016.55
	13	1016.14	1016.03	1015.96	1015.94	1015.94	1015.94	1015.88	1015.82	1015.77	1015.71	1015.73	1015.78	1015.89
	14	1015.80	1015.77	1015.75	1015.71	1015.66	1015.60	1015.54	1015.50	1015.50	1015.57	1015.63	1015.66	1015.64
	15	1015.67	1015.61	1015.54	1015.50	1015.51	1015.53	1015.55	1015.61	1015.65	1015.64	1015.60	1015.55	1015.58
	16	1015.52	1015.53	1015.52	1015.52	1015.57	1015.63	1015.65	1015.66	1015.69	1015.72	1015.72	1015.71	1015.62
	17	1015.72	1015.76	1015.77	1015.77	1015.80	1015.81	1015.78	1015.76	1015.78	1015.79	1015.78	1015.79	1015.77
	18	1015.82	1015.83	1015.84	1015.88	1015.95	1016.02	1016.06	1016.11	1016.14	1016.15	1016.15	1016.15	1016.01
	19	1016.18	1016.23	1016.25	1016.25	1016.24	1016.23	1016.23	1016.25	1016.28	1016.32	1016.35	1016.40	1016.27
	20	1016.45	1016.46	1016.47	1016.52	1016.56	1016.57	1016.56	1016.58	1016.64	1016.67	1016.69	1016.75	1016.58
	21	1016.78	1016.75	1016.71	1016.69	1016.68	1016.67	1016.66	1016.65	1016.65	1016.64	1016.63	1016.65	1016.68
	22	1016.63	1016.60	1016.57	1016.52	1016.52	1016.56	1016.58	1016.60	1016.60	1016.57	1016.51	1016.49	1016.56
	23	1016.51	1016.53	1016.53	1016.50	1016.47	1016.45	1016.45	1016.41	1016.36	1016.34	1016.34	1016.34	1016.43

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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
7	0	1016.37	1016.37	1016.35	1016.33	1016.31	1016.26	1016.23	1016.21	1016.18	1016.15	1016.12	1016.08	1016.24
	1	1016.07	1016.08	1016.08	1016.06	1016.04	1016.01	1015.97	1015.92	1015.90	1015.90	1015.88	1015.85	1015.98
	2	1015.79	1015.75	1015.71	1015.70	1015.71	1015.73	1015.75	1015.80	1015.85	1015.88	1015.90	1015.90	1015.79
	3	1015.89	1015.89	1015.87	1015.80	1015.75	1015.73	1015.69	1015.64	1015.62	1015.61	1015.57	1015.55	1015.71
	4	1015.55	1015.57	1015.60	1015.61	1015.59	1015.57	1015.59	1015.58	1015.56	1015.57	1015.57	1015.59	1015.58
	5	1015.62	1015.64	1015.64	1015.64	1015.62	1015.59	1015.61	1015.64	1015.66	1015.67	1015.66	1015.64	1015.63
	6	1015.61	1015.61	1015.62	1015.63	1015.65	1015.61	1015.60	1015.62	1015.61	1015.57	1015.53	1015.52	1015.60
	7	1015.51	1015.53	1015.58	1015.62	1015.64	1015.64	1015.62	1015.61	1015.63	1015.66	1015.67	1015.64	1015.61
	8	1015.61	1015.58	1015.57	1015.55	1015.53	1015.53	1015.54	1015.53	1015.53	1015.56	1015.55	1015.50	1015.55
	9	1015.43	1015.37	1015.32	1015.27	1015.25	1015.23	1015.16	1015.11	1015.08	1015.05	1015.01	1014.96	1015.19
	10	1014.90	1014.84	1014.79	1014.71	1014.58	1014.48	1014.39	1014.29	1014.24	1014.22	1014.20	1014.18	1014.48
	11	1014.11	1014.04	1014.01	1013.93	1013.89	1013.91	1013.93	1013.92	1013.92	1013.95	1013.93	1013.92	1013.95
	12	1013.91	1013.90	1013.87	1013.84	1013.82	1013.81	1013.77	1013.71	1013.66	1013.61	1013.54	1013.47	1013.74
	13	1013.41	1013.38	1013.36	1013.33	1013.33	1013.29	1013.23	1013.20	1013.14	1013.10	1013.06	1013.00	1013.23
	14	1012.99	1012.96	1012.91	1012.89	1012.87	1012.85	1012.79	1012.75	1012.72	1012.67	1012.65	1012.64	1012.81
	15	1012.61	1012.58	1012.57	1012.59	1012.62	1012.61	1012.59	1012.54	1012.45	1012.42	1012.47	1012.47	1012.54
	16	1012.44	1012.44	1012.47	1012.47	1012.50	1012.55	1012.56	1012.55	1012.52	1012.51	1012.50	1012.49	1012.50
	17	1012.51	1012.51	1012.49	1012.47	1012.47	1012.45	1012.45	1012.46	1012.47	1012.48	1012.51	1012.54	1012.48
	18	1012.55	1012.56	1012.59	1012.63	1012.67	1012.68	1012.68	1012.68	1012.68	1012.72	1012.77	1012.81	1012.67
	19	1012.83	1012.85	1012.88	1012.90	1012.93	1012.92	1012.87	1012.83	1012.85	1012.90	1012.91	1012.90	1012.88
	20	1012.91	1012.91	1012.90	1012.87	1012.85	1012.86	1012.85	1012.85	1012.87	1012.87	1012.83	1012.78	1012.86
	21	1012.73	1012.69	1012.67	1012.63	1012.56	1012.51	1012.48	1012.48	1012.47	1012.47	1012.45	1012.37	1012.54
	22	1012.31	1012.28	1012.21	1012.17	1012.16	1012.13	1012.08	1011.99	1011.93	1011.88	1011.84	1011.80	1012.06
	23	1011.76	1011.73	1011.69	1011.64	1011.58	1011.51	1011.45	1011.44	1011.48	1011.48	1011.44	1011.40	1011.55
8	0	1011.35	1011.35	1011.34	1011.31	1011.25	1011.17	1011.12	1011.07	1010.98	1010.95	1010.94	1010.91	1011.13
	1	1010.88	1010.84	1010.80	1010.78	1010.76	1010.73	1010.70	1010.65	1010.64	1010.63	1010.62	1010.59	1010.72
	2	1010.58	1010.60	1010.63	1010.66	1010.68	1010.70	1010.73	1010.71	1010.66	1010.66	1010.64	1010.60	1010.65
	3	1010.55	1010.50	1010.45	1010.41	1010.40	1010.40	1010.41	1010.38	1010.37	1010.41	1010.42	1010.41	1010.42
	4	1010.40	1010.35	1010.33	1010.33	1010.36	1010.39	1010.40	1010.44	1010.46	1010.46	1010.50	1010.56	1010.41
	5	1010.62	1010.61	1010.63	1010.62	1010.60	1010.62	1010.67	1010.73	1010.74	1010.71	1010.69	1010.70	1010.66
	6	1010.73	1010.79	1010.80	1010.78	1010.76	1010.76	1010.79	1010.80	1010.79	1010.78	1010.78	1010.82	1010.78
	7	1010.82	1010.78	1010.81	1010.87	1010.93	1010.98	1011.00	1010.99	1010.98	1011.04	1011.13	1011.20	1010.96
	8	1011.28	1011.39	1011.46	1011.36	1011.27	1011.28	1011.31	1011.34	1011.30	1011.20	1011.08	1011.01	1011.27
	9	1011.02	1011.05	1011.08	1011.13	1011.14	1011.11	1011.09	1011.12	1011.17	1011.19	1011.18	1011.16	1011.12
	10	1011.19	1011.17	1011.11	1011.04	1010.97	1010.92	1010.91	1010.92	1010.87	1010.79	1010.75	1010.71	1010.94
	11	1010.63	1010.48	1010.39	1010.39	1010.36	1010.29	1010.26	1010.24	1010.15	1010.10	1010.15	1010.18	1010.30
	12	1010.22	1010.27	1010.25	1010.20	1010.13	1010.10	1010.06	1010.00	1009.96	1009.96	1009.98	1009.96	1010.09
	13	1009.95	1009.93	1009.89	1009.85	1009.80	1009.76	1009.75	1009.70	1009.59	1009.54	1009.50	1009.51	1009.73
	14	1009.54	1009.57	1009.58	1009.55	1009.54	1009.52	1009.50	1009.54	1009.57	1009.57	1009.61	1009.68	1009.56
	15	1009.71	1009.70	1009.70	1009.70	1009.67	1009.71	1009.74	1009.72	1009.71	1009.74	1009.78	1009.80	1009.72
	16	1009.81	1009.81	1009.79	1009.80	1009.79	1009.79	1009.80	1009.83	1009.88	1009.92	1009.93	1009.94	1009.84
	17	1009.94	1009.90	1009.85	1009.86	1009.87	1009.89	1009.89	1009.89	1009.93	1010.00	1010.06	1010.10	1009.93
	18	1010.17	1010.27	1010.36	1010.44	1010.50	1010.55	1010.61	1010.67	1010.74	1010.79	1010.83	1010.89	1010.57
	19	1010.95	1011.00	1011.04	1011.04	1011.01	1010.99	1011.00	1010.99	1011.00	1011.04	1011.06	1011.06	1011.01
	20	1011.07	1011.08	1011.11	1011.11	1011.06	1011.06	1011.10	1011.12	1011.14	1011.18	1011.22	1011.21	1011.12
	21	1011.19	1011.22	1011.25	1011.28	1011.34	1011.34	1011.31	1011.31	1011.26	1011.21	1011.19	1011.14	1011.25
	22	1011.08	1011.06	1011.04	1011.01	1011.01	1011.03	1011.06	1011.11	1011.11	1011.07	1011.08	1011.08	1011.06
	23	1011.03	1011.03	1011.09	1011.13	1011.12	1011.11	1011.08	1011.04	1011.00	1010.98	1010.97	1010.96	1011.04

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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	1010.96	1010.96	1010.98	1010.99	1010.99	1010.98	1010.96	1010.93	1010.91	1010.90	1010.88	1010.88	1010.94
	1	1010.89	1010.89	1010.89	1010.88	1010.88	1010.89	1010.92	1010.94	1010.93	1010.93	1010.93	1010.93	1010.91
	2	1010.94	1010.96	1010.98	1010.97	1010.98	1010.98	1010.97	1010.97	1010.94	1010.89	1010.82	1010.83	1010.93
	3	1010.86	1010.87	1010.89	1010.91	1010.90	1010.90	1010.91	1010.92	1010.93	1010.97	1010.98	1010.96	1010.91
	4	1010.93	1010.92	1010.95	1010.98	1010.98	1010.98	1011.00	1011.02	1011.03	1011.05	1011.08	1011.11	1011.00
	5	1011.13	1011.17	1011.16	1011.19	1011.24	1011.30	1011.37	1011.43	1011.50	1011.51	1011.51	1011.56	1011.34
	6	1011.59	1011.60	1011.60	1011.59	1011.60	1011.62	1011.62	1011.66	1011.68	1011.68	1011.69	1011.72	1011.64
	7	1011.78	1011.84	1011.89	1011.92	1011.93	1011.95	1011.97	1011.97	1012.00	1012.05	1012.06	1012.08	1011.95
	8	1012.11	1012.12	1012.16	1012.19	1012.22	1012.27	1012.33	1012.43	1012.49	1012.52	1012.56	1012.56	1012.33
	9	1012.55	1012.60	1012.66	1012.69	1012.69	1012.69	1012.70	1012.72	1012.77	1012.81	1012.82	1012.83	1012.71
	10	1012.87	1012.91	1012.91	1012.95	1012.98	1012.96	1012.93	1012.89	1012.87	1012.88	1012.88	1012.86	1012.91
	11	1012.81	1012.78	1012.78	1012.76	1012.73	1012.72	1012.69	1012.66	1012.62	1012.59	1012.59	1012.62	1012.69
	12	1012.65	1012.62	1012.58	1012.55	1012.53	1012.54	1012.54	1012.49	1012.51	1012.55	1012.55	1012.55	1012.55
	13	1012.53	1012.51	1012.51	1012.52	1012.55	1012.58	1012.59	1012.56	1012.52	1012.52	1012.51	1012.49	1012.53
	14	1012.48	1012.45	1012.48	1012.51	1012.50	1012.50	1012.47	1012.46	1012.46	1012.45	1012.45	1012.48	1012.47
	15	1012.49	1012.49	1012.50	1012.53	1012.55	1012.56	1012.58	1012.57	1012.55	1012.56	1012.58	1012.59	1012.54
	16	1012.62	1012.66	1012.66	1012.65	1012.65	1012.66	1012.65	1012.65	1012.66	1012.67	1012.68	1012.66	1012.65
	17	1012.63	1012.63	1012.64	1012.64	1012.62	1012.62	1012.63	1012.67	1012.73	1012.79	1012.86	1012.91	1012.69
	18	1012.96	1013.00	1013.06	1013.13	1013.19	1013.26	1013.35	1013.41	1013.45	1013.51	1013.56	1013.61	1013.29
	19	1013.68	1013.74	1013.81	1013.85	1013.88	1013.94	1014.00	1014.02	1014.02	1014.03	1014.05	1014.08	1013.92
	20	1014.08	1014.08	1014.11	1014.17	1014.23	1014.28	1014.33	1014.37	1014.37	1014.36	1014.39	1014.42	1014.26
	21	1014.42	1014.44	1014.47	1014.50	1014.54	1014.58	1014.60	1014.62	1014.65	1014.67	1014.66	1014.65	1014.56
	22	1014.64	1014.65	1014.64	1014.62	1014.62	1014.64	1014.64	1014.65	1014.67	1014.70	1014.75	1014.78	1014.66
	23	1014.77	1014.78	1014.80	1014.79	1014.77	1014.76	1014.76	1014.76	1014.76	1014.74	1014.70	1014.66	1014.75
10	0	1014.66	1014.66	1014.66	1014.65	1014.63	1014.62	1014.60	1014.57	1014.55	1014.52	1014.49	1014.46	1014.58
	1	1014.46	1014.46	1014.47	1014.46	1014.45	1014.43	1014.40	1014.36	1014.33	1014.29	1014.26	1014.24	1014.38
	2	1014.23	1014.22	1014.22	1014.24	1014.23	1014.21	1014.22	1014.23	1014.25	1014.26	1014.26	1014.24	1014.23
	3	1014.24	1014.23	1014.22	1014.24	1014.27	1014.29	1014.30	1014.32	1014.35	1014.39	1014.41	1014.44	1014.31
	4	1014.45	1014.48	1014.53	1014.57	1014.59	1014.60	1014.61	1014.63	1014.66	1014.68	1014.73	1014.77	1014.61
	5	1014.81	1014.85	1014.89	1014.91	1014.94	1014.97	1014.99	1015.03	1015.08	1015.11	1015.11	1015.13	1014.98
	6	1015.15	1015.19	1015.21	1015.22	1015.26	1015.33	1015.38	1015.41	1015.43	1015.46	1015.50	1015.53	1015.34
	7	1015.55	1015.58	1015.60	1015.63	1015.67	1015.70	1015.73	1015.77	1015.83	1015.87	1015.87	1015.86	1015.72
	8	1015.88	1015.92	1015.95	1015.98	1016.02	1016.04	1016.02	1015.98	1015.96	1015.94	1015.92	1015.91	1015.96
	9	1015.91	1015.92	1015.94	1015.94	1015.96	1015.97	1015.94	1015.90	1015.87	1015.86	1015.86	1015.84	1015.91
	10	1015.79	1015.74	1015.69	1015.64	1015.62	1015.60	1015.57	1015.52	1015.48	1015.45	1015.40	1015.35	1015.57
	11	1015.30	1015.25	1015.19	1015.10	1015.04	1015.01	1015.00	1014.97	1014.91	1014.86	1014.79	1014.72	1015.01
	12	1014.68	1014.67	1014.68	1014.66	1014.63	1014.60	1014.57	1014.52	1014.46	1014.40	1014.38	1014.39	1014.55
	13	1014.37	1014.35	1014.31	1014.26	1014.24	1014.22	1014.21	1014.21	1014.22	1014.20	1014.18	1014.17	1014.24
	14	1014.19	1014.21	1014.23	1014.23	1014.23	1014.22	1014.21	1014.19	1014.15	1014.14	1014.15	1014.16	1014.19
	15	1014.14	1014.13	1014.12	1014.11	1014.13	1014.16	1014.18	1014.20	1014.20	1014.20	1014.21	1014.23	1014.16
	16	1014.25	1014.28	1014.32	1014.34	1014.34	1014.33	1014.34	1014.36	1014.39	1014.40	1014.42	1014.44	1014.35
	17	1014.46	1014.49	1014.53	1014.56	1014.54	1014.51	1014.53	1014.59	1014.64	1014.69	1014.75	1014.80	1014.59
	18	1014.88	1014.95	1015.01	1015.08	1015.14	1015.19	1015.26	1015.34	1015.42	1015.49	1015.56	1015.65	1015.25
	19	1015.73	1015.78	1015.83	1015.85	1015.86	1015.88	1015.88	1015.88	1015.87	1015.89	1015.93	1015.97	1015.86
	20	1015.98	1015.96	1015.97	1015.99	1016.04	1016.07	1016.08	1016.12	1016.16	1016.16	1016.17	1016.16	1016.07
	21	1016.12	1016.08	1016.09	1016.12	1016.14	1016.15	1016.16	1016.16	1016.15	1016.13	1016.13	1016.15	1016.13
	22	1016.15	1016.16	1016.18	1016.22	1016.22	1016.20	1016.22	1016.23	1016.22	1016.25	1016.26	1016.28	1016.21
	23	1016.32	1016.35	1016.32	1016.27	1016.25	1016.24	1016.24	1016.23	1016.21	1016.21	1016.22	1016.21	1016.25

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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	1016.19	1016.17	1016.13	1016.10	1016.06	1016.04	1016.04	1016.04	1016.02	1016.02	1016.05	1016.08	1016.07
	1	1016.09	1016.10	1016.09	1016.09	1016.09	1016.07	1016.04	1016.03	1016.00	1015.99	1016.00	1016.01	1016.05
	2	1016.04	1016.07	1016.09	1016.09	1016.06	1016.03	1016.02	1016.00	1015.95	1015.92	1015.91	1015.87	1016.00
	3	1015.85	1015.86	1015.84	1015.80	1015.78	1015.74	1015.70	1015.65	1015.62	1015.61	1015.61	1015.61	1015.72
	4	1015.64	1015.69	1015.71	1015.73	1015.77	1015.80	1015.82	1015.82	1015.82	1015.84	1015.88	1015.93	1015.78
	5	1015.96	1015.97	1015.99	1016.02	1016.04	1016.05	1016.05	1016.06	1016.07	1016.11	1016.16	1016.17	1016.05
	6	1016.17	1016.18	1016.17	1016.16	1016.19	1016.23	1016.23	1016.22	1016.22	1016.23	1016.24	1016.20	1016.20
	7	1016.16	1016.15	1016.15	1016.15	1016.14	1016.15	1016.16	1016.18	1016.18	1016.18	1016.19	1016.20	1016.16
	8	1016.21	1016.22	1016.23	1016.23	1016.19	1016.16	1016.16	1016.16	1016.15	1016.13	1016.11	1016.08	1016.17
	9	1016.08	1016.09	1016.05	1016.00	1015.96	1015.93	1015.90	1015.88	1015.86	1015.82	1015.80	1015.79	1015.93
	10	1015.75	1015.69	1015.66	1015.63	1015.58	1015.51	1015.47	1015.48	1015.45	1015.37	1015.31	1015.29	1015.51
	11	1015.28	1015.25	1015.19	1015.14	1015.13	1015.13	1015.12	1015.12	1015.12	1015.11	1015.09	1015.06	1015.14
	12	1015.05	1015.06	1015.04	1015.02	1015.02	1015.02	1014.98	1014.92	1014.87	1014.82	1014.82	1014.80	1014.95
	13	1014.75	1014.73	1014.71	1014.69	1014.68	1014.67	1014.63	1014.64	1014.68	1014.68	1014.67	1014.63	1014.68
	14	1014.60	1014.61	1014.59	1014.55	1014.54	1014.53	1014.54	1014.55	1014.54	1014.51	1014.48	1014.50	1014.54
	15	1014.50	1014.48	1014.47	1014.46	1014.46	1014.46	1014.47	1014.44	1014.44	1014.46	1014.43	1014.38	1014.45
	16	1014.33	1014.35	1014.38	1014.40	1014.41	1014.44	1014.46	1014.46	1014.46	1014.45	1014.39	1014.35	1014.41
	17	1014.33	1014.31	1014.30	1014.27	1014.28	1014.33	1014.37	1014.43	1014.47	1014.48	1014.49	1014.51	1014.38
	18	1014.53	1014.57	1014.63	1014.72	1014.81	1014.87	1014.92	1014.94	1014.98	1015.01	1015.04	1015.08	1014.84
	19	1015.08	1015.06	1015.09	1015.12	1015.12	1015.09	1015.09	1015.12	1015.12	1015.13	1015.14	1015.11	1015.10
	20	1015.08	1015.10	1015.13	1015.07	1015.00	1014.95	1014.89	1014.83	1014.73	1014.66	1014.62	1014.59	1014.89
	21	1014.55	1014.54	1014.54	1014.49	1014.44	1014.44	1014.49	1014.51	1014.51	1014.52	1014.50	1014.42	1014.49
	22	1014.35	1014.32	1014.31	1014.33	1014.41	1014.41	1014.33	1014.34	1014.43	1014.47	1014.48	1014.52	1014.39
	23	1014.54	1014.54	1014.55	1014.57	1014.56	1014.55	1014.58	1014.61	1014.63	1014.67	1014.73	1014.73	1014.60
12	0	1014.67	1014.68	1014.65	1014.58	1014.49	1014.41	1014.38	1014.39	1014.36	1014.28	1014.25	1014.26	1014.44
	1	1014.23	1014.18	1014.09	1014.04	1014.05	1014.03	1014.03	1014.05	1014.02	1014.02	1014.05	1014.08	1014.07
	2	1014.10	1014.08	1014.01	1014.00	1014.05	1014.10	1014.15	1014.17	1014.19	1014.22	1014.22	1014.21	1014.12
	3	1014.20	1014.17	1014.15	1014.14	1014.14	1014.12	1014.10	1014.11	1014.12	1014.12	1014.10	1014.11	1014.13
	4	1014.13	1014.15	1014.18	1014.21	1014.18	1014.13	1014.13	1014.15	1014.15	1014.13	1014.11	1014.06	1014.14
	5	1014.03	1014.03	1014.01	1014.00	1014.01	1014.04	1014.06	1014.08	1014.06	1014.06	1014.12	1014.17	1014.06
	6	1014.20	1014.29	1014.36	1014.43	1014.52	1014.51	1014.47	1014.46	1014.46	1014.43	1014.44	1014.46	1014.42
	7	1014.43	1014.44	1014.49	1014.55	1014.59	1014.61	1014.62	1014.64	1014.65	1014.63	1014.59	1014.54	1014.56
	8	1014.54	1014.56	1014.57	1014.62	1014.65	1014.62	1014.61	1014.64	1014.64	1014.61	1014.56	1014.54	1014.59
	9	1014.52	1014.48	1014.45	1014.42	1014.35	1014.29	1014.27	1014.29	1014.33	1014.33	1014.28	1014.23	1014.35
	10	1014.19	1014.18	1014.18	1014.17	1014.19	1014.21	1014.18	1014.16	1014.15	1014.12	1014.10	1014.09	1014.16
	11	1014.07	1014.07	1014.08	1014.05	1014.01	1013.99	1013.97	1013.96	1013.98	1013.98	1013.97	1013.99	1014.01
	12	1013.99	1013.95	1013.92	1013.91	1013.88	1013.83	1013.81	1013.81	1013.80	1013.78	1013.78	1013.76	1013.85
	13	1013.73	1013.72	1013.71	1013.70	1013.67	1013.63	1013.58	1013.53	1013.46	1013.41	1013.35	1013.29	1013.56
	14	1013.26	1013.23	1013.21	1013.21	1013.22	1013.24	1013.21	1013.16	1013.13	1013.11	1013.09	1013.09	1013.18
	15	1013.09	1013.10	1013.09	1013.09	1013.09	1013.06	1013.05	1013.06	1013.08	1013.13	1013.16	1013.15	1013.09
	16	1013.12	1013.12	1013.14	1013.13	1013.10	1013.09	1013.10	1013.10	1013.08	1013.07	1013.09	1013.11	1013.10
	17	1013.12	1013.14	1013.16	1013.19	1013.20	1013.20	1013.21	1013.23	1013.28	1013.33	1013.38	1013.44	1013.24
	18	1013.48	1013.52	1013.56	1013.60	1013.66	1013.70	1013.73	1013.79	1013.84	1013.88	1013.91	1013.93	1013.72
	19	1013.94	1013.95	1013.96	1013.95	1013.94	1013.95	1013.97	1013.98	1014.00	1014.02	1014.04	1014.07	1013.98
	20	1014.10	1014.10	1014.06	1013.99	1013.93	1013.92	1013.94	1013.97	1014.01	1014.01	1014.02	1014.05	1014.00
	21	1014.08	1014.07	1014.06	1014.07	1014.09	1014.10	1014.09	1014.04	1014.00	1013.98	1013.96	1013.93	1014.04
	22	1013.91	1013.92	1013.96	1013.97	1013.98	1014.01	1014.02	1014.02	1014.03	1014.04	1014.03	1014.01	1013.99
	23	1014.00	1013.98	1013.95	1013.94	1013.94	1013.93	1013.91	1013.87	1013.82	1013.79	1013.77	1013.76	1013.89

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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	1013.74	1013.72	1013.68	1013.67	1013.67	1013.67	1013.70	1013.72	1013.69	1013.65	1013.61	1013.56	1013.67
	1	1013.51	1013.49	1013.49	1013.49	1013.48	1013.45	1013.44	1013.42	1013.36	1013.29	1013.27	1013.25	1013.41
	2	1013.25	1013.29	1013.31	1013.31	1013.30	1013.33	1013.37	1013.37	1013.36	1013.33	1013.29	1013.26	1013.31
	3	1013.24	1013.20	1013.22	1013.27	1013.29	1013.28	1013.28	1013.29	1013.32	1013.33	1013.32	1013.33	1013.28
	4	1013.33	1013.33	1013.32	1013.30	1013.32	1013.37	1013.39	1013.41	1013.44	1013.46	1013.47	1013.49	1013.38
	5	1013.53	1013.58	1013.61	1013.63	1013.67	1013.73	1013.78	1013.82	1013.85	1013.87	1013.88	1013.88	1013.73
	6	1013.86	1013.86	1013.91	1013.95	1013.98	1014.02	1014.04	1014.03	1014.03	1014.06	1014.09	1014.10	1013.99
	7	1014.10	1014.11	1014.11	1014.11	1014.09	1014.10	1014.13	1014.15	1014.16	1014.17	1014.17	1014.17	1014.13
	8	1014.17	1014.16	1014.17	1014.17	1014.15	1014.11	1014.09	1014.10	1014.12	1014.11	1014.09	1014.05	1014.12
	9	1013.99	1013.93	1013.88	1013.83	1013.78	1013.73	1013.70	1013.68	1013.67	1013.69	1013.72	1013.71	1013.77
	10	1013.68	1013.67	1013.68	1013.64	1013.57	1013.54	1013.53	1013.50	1013.46	1013.40	1013.33	1013.25	1013.52
	11	1013.15	1013.09	1013.07	1013.02	1012.95	1012.92	1012.89	1012.84	1012.78	1012.77	1012.80	1012.83	1012.92
	12	1012.82	1012.80	1012.76	1012.69	1012.66	1012.63	1012.60	1012.56	1012.51	1012.49	1012.45	1012.38	1012.61
	13	1012.33	1012.33	1012.33	1012.30	1012.27	1012.23	1012.19	1012.17	1012.14	1012.12	1012.11	1012.07	1012.21
	14	1012.03	1011.99	1011.96	1011.94	1011.91	1011.86	1011.80	1011.79	1011.79	1011.77	1011.76	1011.75	1011.86
	15	1011.72	1011.68	1011.66	1011.65	1011.66	1011.70	1011.74	1011.75	1011.77	1011.81	1011.82	1011.82	1011.73
	16	1011.82	1011.81	1011.83	1011.83	1011.80	1011.78	1011.78	1011.79	1011.83	1011.90	1011.93	1011.90	1011.83
	17	1011.86	1011.83	1011.82	1011.80	1011.81	1011.84	1011.87	1011.91	1011.95	1011.94	1011.93	1011.95	1011.87
	18	1012.00	1012.03	1012.04	1012.09	1012.13	1012.12	1012.13	1012.16	1012.15	1012.14	1012.16	1012.19	1012.11
	19	1012.21	1012.26	1012.31	1012.34	1012.38	1012.45	1012.49	1012.50	1012.53	1012.57	1012.58	1012.56	1012.43
	20	1012.57	1012.59	1012.61	1012.62	1012.61	1012.64	1012.68	1012.67	1012.67	1012.69	1012.70	1012.71	1012.64
	21	1012.70	1012.70	1012.73	1012.75	1012.74	1012.73	1012.76	1012.79	1012.80	1012.81	1012.81	1012.82	1012.76
	22	1012.84	1012.84	1012.82	1012.82	1012.83	1012.85	1012.87	1012.87	1012.84	1012.81	1012.83	1012.86	1012.84
	23	1012.87	1012.87	1012.90	1012.93	1012.94	1012.92	1012.90	1012.88	1012.84	1012.77	1012.74	1012.72	1012.85
14	0	1012.71	1012.73	1012.77	1012.79	1012.77	1012.75	1012.70	1012.67	1012.68	1012.70	1012.69	1012.67	1012.72
	1	1012.65	1012.66	1012.69	1012.70	1012.72	1012.75	1012.76	1012.75	1012.75	1012.80	1012.82	1012.78	1012.73
	2	1012.79	1012.81	1012.81	1012.80	1012.80	1012.77	1012.73	1012.70	1012.69	1012.69	1012.67	1012.61	1012.74
	3	1012.56	1012.55	1012.58	1012.61	1012.60	1012.55	1012.51	1012.49	1012.46	1012.42	1012.37	1012.36	1012.50
	4	1012.35	1012.33	1012.33	1012.35	1012.37	1012.38	1012.41	1012.46	1012.52	1012.54	1012.56	1012.60	1012.43
	5	1012.64	1012.66	1012.71	1012.77	1012.79	1012.80	1012.81	1012.86	1012.91	1012.93	1012.95	1012.97	1012.81
	6	1012.96	1012.93	1012.91	1012.93	1012.96	1012.97	1012.97	1012.96	1012.97	1012.97	1012.96	1012.94	1012.95
	7	1012.94	1012.97	1013.00	1013.03	1013.05	1013.07	1013.10	1013.14	1013.18	1013.23	1013.25	1013.25	1013.10
	8	1013.25	1013.27	1013.31	1013.31	1013.30	1013.30	1013.29	1013.31	1013.32	1013.32	1013.32	1013.32	1013.30
	9	1013.32	1013.33	1013.33	1013.33	1013.34	1013.34	1013.32	1013.29	1013.26	1013.24	1013.21	1013.18	1013.29
	10	1013.15	1013.12	1013.11	1013.08	1013.02	1013.00	1013.00	1013.00	1013.00	1012.99	1012.98	1012.96	1013.03
	11	1012.96	1012.98	1012.97	1012.97	1012.97	1012.95	1012.95	1012.92	1012.90	1012.91	1012.90	1012.87	1012.93
	12	1012.84	1012.81	1012.77	1012.72	1012.67	1012.66	1012.67	1012.63	1012.59	1012.54	1012.51	1012.49	1012.66
	13	1012.45	1012.42	1012.41	1012.38	1012.37	1012.33	1012.26	1012.22	1012.17	1012.15	1012.09	1012.03	1012.27
	14	1012.00	1011.94	1011.90	1011.89	1011.87	1011.87	1011.89	1011.93	1011.94	1011.95	1011.96	1011.98	1011.92
	15	1012.00	1011.97	1011.93	1011.91	1011.92	1011.96	1011.99	1011.97	1011.95	1011.92	1011.90	1011.92	1011.94
	16	1011.96	1011.97	1011.96	1011.95	1012.00	1012.08	1012.12	1012.14	1012.14	1012.12	1012.12	1012.13	1012.06
	17	1012.15	1012.18	1012.20	1012.21	1012.22	1012.27	1012.36	1012.42	1012.48	1012.56	1012.61	1012.67	1012.36
	18	1012.76	1012.84	1012.89	1012.96	1013.02	1013.08	1013.17	1013.23	1013.25	1013.28	1013.34	1013.41	1013.10
	19	1013.44	1013.44	1013.46	1013.48	1013.45	1013.44	1013.45	1013.48	1013.54	1013.59	1013.59	1013.51	1013.49
	20	1013.46	1013.47	1013.48	1013.50	1013.54	1013.54	1013.54	1013.51	1013.48	1013.51	1013.54	1013.53	1013.51
	21	1013.52	1013.54	1013.54	1013.54	1013.58	1013.62	1013.63	1013.60	1013.56	1013.57	1013.57	1013.58	1013.57
	22	1013.59	1013.59	1013.59	1013.59	1013.62	1013.66	1013.68	1013.69	1013.69	1013.69	1013.71	1013.74	1013.65
	23	1013.76	1013.79	1013.79	1013.76	1013.73	1013.72	1013.74	1013.76	1013.74	1013.72	1013.75	1013.77	1013.75

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
15	0	1013.73	1013.72	1013.68	1013.62	1013.56	1013.53	1013.52	1013.50	1013.49	1013.50	1013.53	1013.57	1013.57
	1	1013.57	1013.54	1013.53	1013.50	1013.47	1013.45	1013.44	1013.42	1013.39	1013.35	1013.33	1013.35	1013.44
	2	1013.36	1013.34	1013.32	1013.33	1013.33	1013.31	1013.31	1013.34	1013.36	1013.36	1013.37	1013.37	1013.34
	3	1013.34	1013.31	1013.28	1013.28	1013.30	1013.28	1013.28	1013.29	1013.28	1013.28	1013.29	1013.32	1013.29
	4	1013.36	1013.37	1013.39	1013.41	1013.39	1013.38	1013.43	1013.48	1013.48	1013.47	1013.49	1013.52	1013.43
	5	1013.51	1013.51	1013.52	1013.56	1013.61	1013.64	1013.65	1013.67	1013.70	1013.72	1013.71	1013.72	1013.63
	6	1013.75	1013.77	1013.77	1013.80	1013.84	1013.86	1013.85	1013.86	1013.86	1013.86	1013.87	1013.89	1013.83
	7	1013.90	1013.93	1013.97	1013.97	1013.95	1013.93	1013.93	1013.95	1013.99	1014.04	1014.08	1014.10	1013.98
	8	1014.13	1014.17	1014.19	1014.21	1014.24	1014.28	1014.30	1014.32	1014.33	1014.35	1014.36	1014.36	1014.27
	9	1014.38	1014.40	1014.40	1014.38	1014.37	1014.38	1014.39	1014.41	1014.41	1014.40	1014.38	1014.37	1014.39
	10	1014.35	1014.33	1014.32	1014.28	1014.24	1014.24	1014.25	1014.23	1014.24	1014.25	1014.24	1014.24	1014.27
	11	1014.22	1014.19	1014.17	1014.15	1014.14	1014.13	1014.14	1014.11	1014.05	1014.02	1014.00	1013.97	1014.11
	12	1013.96	1013.95	1013.93	1013.92	1013.89	1013.88	1013.90	1013.88	1013.84	1013.79	1013.77	1013.76	1013.87
	13	1013.72	1013.70	1013.68	1013.66	1013.64	1013.63	1013.63	1013.59	1013.55	1013.54	1013.53	1013.51	1013.61
	14	1013.49	1013.47	1013.46	1013.45	1013.46	1013.49	1013.50	1013.52	1013.53	1013.55	1013.58	1013.59	1013.51
	15	1013.58	1013.59	1013.61	1013.62	1013.63	1013.64	1013.63	1013.62	1013.62	1013.60	1013.59	1013.60	1013.61
	16	1013.61	1013.60	1013.60	1013.59	1013.59	1013.61	1013.64	1013.69	1013.73	1013.75	1013.76	1013.76	1013.66
	17	1013.76	1013.73	1013.73	1013.73	1013.74	1013.78	1013.83	1013.85	1013.88	1013.95	1014.01	1014.07	1013.84
	18	1014.12	1014.15	1014.17	1014.19	1014.23	1014.28	1014.35	1014.42	1014.47	1014.51	1014.55	1014.59	1014.33
	19	1014.65	1014.73	1014.79	1014.83	1014.88	1014.92	1014.93	1014.93	1014.94	1014.97	1014.99	1014.99	1014.88
	20	1014.98	1014.99	1014.98	1014.98	1014.97	1014.95	1014.97	1015.00	1015.01	1014.99	1014.99	1015.02	1014.98
	21	1015.05	1015.08	1015.11	1015.11	1015.06	1015.05	1015.07	1015.08	1015.10	1015.16	1015.16	1015.10	1015.09
	22	1015.10	1015.14	1015.15	1015.12	1015.10	1015.11	1015.10	1015.12	1015.15	1015.15	1015.13	1015.15	1015.13
	23	1015.17	1015.17	1015.18	1015.19	1015.19	1015.20	1015.19	1015.18	1015.15	1015.12	1015.10	1015.09	1015.16
16	0	1015.09	1015.11	1015.13	1015.13	1015.11	1015.09	1015.07	1015.05	1015.05	1015.06	1015.06	1015.01	1015.08
	1	1014.97	1014.96	1014.95	1014.93	1014.92	1014.91	1014.92	1014.94	1014.95	1014.94	1014.90	1014.88	1014.93
	2	1014.88	1014.86	1014.83	1014.81	1014.81	1014.80	1014.76	1014.72	1014.69	1014.68	1014.69	1014.72	1014.77
	3	1014.74	1014.76	1014.79	1014.82	1014.83	1014.81	1014.80	1014.81	1014.83	1014.85	1014.87	1014.87	1014.81
	4	1014.86	1014.86	1014.86	1014.86	1014.88	1014.90	1014.91	1014.95	1015.00	1015.01	1015.02	1015.05	1014.93
	5	1015.08	1015.12	1015.16	1015.20	1015.23	1015.27	1015.29	1015.29	1015.31	1015.34	1015.37	1015.42	1015.26
	6	1015.46	1015.50	1015.52	1015.52	1015.53	1015.55	1015.55	1015.53	1015.53	1015.56	1015.62	1015.66	1015.54
	7	1015.67	1015.68	1015.70	1015.73	1015.75	1015.74	1015.74	1015.75	1015.76	1015.75	1015.74	1015.74	1015.73
	8	1015.74	1015.75	1015.77	1015.79	1015.82	1015.84	1015.86	1015.88	1015.88	1015.85	1015.82	1015.80	1015.82
	9	1015.77	1015.74	1015.73	1015.73	1015.71	1015.70	1015.70	1015.69	1015.68	1015.68	1015.69	1015.70	1015.71
	10	1015.68	1015.66	1015.65	1015.63	1015.60	1015.55	1015.51	1015.47	1015.43	1015.39	1015.34	1015.28	1015.51
	11	1015.22	1015.16	1015.11	1015.06	1015.01	1014.96	1014.90	1014.84	1014.80	1014.75	1014.68	1014.64	1014.93
	12	1014.61	1014.58	1014.55	1014.48	1014.45	1014.43	1014.37	1014.35	1014.36	1014.34	1014.33	1014.32	1014.43
	13	1014.31	1014.31	1014.30	1014.26	1014.21	1014.16	1014.11	1014.08	1014.03	1013.98	1013.94	1013.92	1014.13
	14	1013.89	1013.87	1013.87	1013.85	1013.83	1013.82	1013.81	1013.81	1013.80	1013.79	1013.77	1013.76	1013.82
	15	1013.76	1013.76	1013.78	1013.80	1013.80	1013.78	1013.75	1013.77	1013.80	1013.81	1013.82	1013.85	1013.79
	16	1013.89	1013.90	1013.91	1013.94	1013.93	1013.91	1013.91	1013.91	1013.92	1013.93	1013.91	1013.90	1013.91
	17	1013.92	1013.94	1013.96	1013.97	1013.96	1013.94	1013.93	1013.94	1013.96	1013.98	1013.99	1014.01	1013.96
	18	1014.02	1014.04	1014.09	1014.16	1014.22	1014.30	1014.37	1014.41	1014.47	1014.52	1014.55	1014.57	1014.31
	19	1014.59	1014.62	1014.65	1014.66	1014.68	1014.70	1014.71	1014.72	1014.72	1014.69	1014.67	1014.66	1014.67
	20	1014.66	1014.66	1014.68	1014.69	1014.69	1014.69	1014.68	1014.68	1014.68	1014.69	1014.71	1014.71	1014.68
	21	1014.74	1014.76	1014.75	1014.73	1014.72	1014.71	1014.74	1014.78	1014.80	1014.80	1014.79	1014.79	1014.76
	22	1014.78	1014.78	1014.79	1014.77	1014.76	1014.75	1014.73	1014.73	1014.75	1014.77	1014.77	1014.75	1014.76
	23	1014.75	1014.74	1014.75	1014.75	1014.74	1014.71	1014.67	1014.64	1014.64	1014.64	1014.61	1014.56	1014.68

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
17	0	1014.53	1014.54	1014.58	1014.64	1014.69	1014.73	1014.71	1014.68	1014.68	1014.66	1014.61	1014.53	1014.63
	1	1014.47	1014.45	1014.47	1014.48	1014.48	1014.51	1014.49	1014.45	1014.43	1014.44	1014.45	1014.46	1014.46
	2	1014.47	1014.46	1014.44	1014.42	1014.41	1014.41	1014.44	1014.42	1014.37	1014.37	1014.35	1014.32	1014.40
	3	1014.31	1014.29	1014.29	1014.31	1014.32	1014.29	1014.24	1014.24	1014.24	1014.23	1014.21	1014.19	1014.26
	4	1014.17	1014.16	1014.19	1014.21	1014.22	1014.23	1014.28	1014.33	1014.36	1014.34	1014.31	1014.31	1014.26
	5	1014.34	1014.39	1014.42	1014.45	1014.50	1014.52	1014.53	1014.57	1014.62	1014.65	1014.65	1014.64	1014.52
	6	1014.63	1014.61	1014.60	1014.59	1014.57	1014.57	1014.58	1014.57	1014.58	1014.63	1014.67	1014.67	1014.60
	7	1014.66	1014.65	1014.65	1014.65	1014.66	1014.66	1014.67	1014.70	1014.71	1014.72	1014.75	1014.79	1014.69
	8	1014.81	1014.83	1014.86	1014.88	1014.91	1014.94	1014.93	1014.93	1014.93	1014.91	1014.91	1014.91	1014.89
	9	1014.90	1014.87	1014.84	1014.82	1014.81	1014.79	1014.78	1014.75	1014.72	1014.69	1014.64	1014.60	1014.77
	10	1014.55	1014.50	1014.43	1014.35	1014.29	1014.23	1014.18	1014.13	1014.06	1014.00	1013.91	1013.82	1014.20
	11	1013.75	1013.69	1013.65	1013.61	1013.55	1013.52	1013.51	1013.49	1013.46	1013.42	1013.40	1013.37	1013.53
	12	1013.34	1013.30	1013.24	1013.18	1013.15	1013.10	1013.06	1013.07	1013.08	1013.05	1013.03	1013.01	1013.13
	13	1013.00	1013.00	1012.95	1012.93	1012.91	1012.88	1012.87	1012.82	1012.77	1012.71	1012.68	1012.67	1012.85
	14	1012.65	1012.63	1012.60	1012.59	1012.59	1012.56	1012.55	1012.54	1012.51	1012.47	1012.43	1012.38	1012.54
	15	1012.36	1012.34	1012.32	1012.29	1012.26	1012.25	1012.24	1012.21	1012.19	1012.17	1012.15	1012.10	1012.24
	16	1012.07	1012.05	1012.02	1011.98	1011.95	1011.95	1011.97	1011.98	1011.98	1011.99	1011.99	1011.98	1011.99
	17	1011.96	1011.94	1011.96	1011.97	1011.99	1012.05	1012.08	1012.05	1012.03	1012.02	1012.03	1012.06	1012.01
	18	1012.11	1012.19	1012.27	1012.29	1012.30	1012.33	1012.38	1012.44	1012.47	1012.51	1012.54	1012.55	1012.36
	19	1012.56	1012.59	1012.63	1012.69	1012.70	1012.67	1012.62	1012.61	1012.63	1012.64	1012.65	1012.66	1012.64
	20	1012.66	1012.65	1012.61	1012.59	1012.58	1012.56	1012.56	1012.57	1012.58	1012.60	1012.60	1012.60	1012.59
	21	1012.59	1012.58	1012.60	1012.59	1012.59	1012.58	1012.55	1012.53	1012.54	1012.51	1012.46	1012.39	1012.54
	22	1012.29	1012.23	1012.22	1012.23	1012.23	1012.23	1012.21	1012.18	1012.14	1012.09	1012.04	1011.97	1012.17
	23	1011.95	1011.94	1011.97	1011.98	1011.93	1011.88	1011.86	1011.85	1011.85	1011.83	1011.83	1011.85	1011.89
18	0	1011.83	1011.82	1011.79	1011.79	1011.77	1011.70	1011.65	1011.64	1011.66	1011.62	1011.55	1011.51	1011.69
	1	1011.48	1011.44	1011.39	1011.37	1011.38	1011.39	1011.39	1011.37	1011.31	1011.24	1011.21	1011.21	1011.35
	2	1011.16	1011.09	1011.03	1010.99	1010.96	1010.89	1010.84	1010.79	1010.72	1010.65	1010.60	1010.53	1010.85
	3	1010.45	1010.38	1010.34	1010.30	1010.25	1010.22	1010.19	1010.15	1010.14	1010.12	1010.07	1010.04	1010.22
	4	1010.02	1009.98	1009.94	1009.92	1009.92	1009.91	1009.89	1009.87	1009.89	1009.90	1009.94	1009.99	1009.93
	5	1010.00	1010.02	1010.05	1010.07	1010.07	1010.05	1010.07	1010.11	1010.12	1010.10	1010.10	1010.11	1010.07
	6	1010.07	1010.03	1010.03	1010.03	1010.04	1010.05	1010.04	1010.03	1010.01	1010.02	1010.02	1010.02	1010.03
	7	1010.03	1009.96	1009.86	1009.79	1009.75	1009.77	1009.83	1009.80	1009.74	1009.74	1009.73	1009.71	1009.81
	8	1009.64	1009.57	1009.54	1009.47	1009.42	1009.44	1009.47	1009.53	1009.54	1009.49	1009.40	1009.31	1009.48
	9	1009.25	1009.26	1009.23	1009.15	1009.14	1009.19	1009.20	1009.18	1009.17	1009.12	1009.03	1008.96	1009.15
	10	1008.92	1008.89	1008.86	1008.81	1008.75	1008.74	1008.73	1008.62	1008.59	1008.59	1008.56	1008.51	1008.71
	11	1008.46	1008.44	1008.41	1008.35	1008.26	1008.18	1008.21	1008.17	1008.03	1007.99	1008.03	1008.04	1008.21
	12	1007.99	1007.92	1007.85	1007.80	1007.76	1007.71	1007.68	1007.65	1007.65	1007.62	1007.53	1007.48	1007.72
	13	1007.45	1007.43	1007.40	1007.34	1007.34	1007.34	1007.31	1007.25	1007.18	1007.18	1007.16	1007.10	1007.29
	14	1007.10	1007.09	1007.04	1006.95	1006.94	1006.93	1006.89	1006.90	1006.95	1006.98	1006.99	1007.02	1006.98
	15	1007.08	1007.10	1007.06	1007.08	1007.11	1007.12	1007.12	1007.11	1007.09	1007.05	1006.95	1006.86	1007.06
	16	1006.82	1006.78	1006.76	1006.73	1006.71	1006.68	1006.63	1006.57	1006.50	1006.48	1006.51	1006.49	1006.64
	17	1006.41	1006.36	1006.31	1006.26	1006.24	1006.24	1006.25	1006.25	1006.23	1006.22	1006.25	1006.22	1006.27
	18	1006.19	1006.18	1006.20	1006.27	1006.33	1006.38	1006.44	1006.46	1006.42	1006.41	1006.49	1006.58	1006.36
	19	1006.63	1006.67	1006.73	1006.77	1006.73	1006.67	1006.59	1006.51	1006.45	1006.41	1006.41	1006.34	1006.57
	20	1006.24	1006.21	1006.14	1006.11	1006.10	1006.08	1006.15	1006.20	1006.22	1006.27	1006.34	1006.32	1006.20
	21	1006.25	1006.20	1006.20	1006.15	1006.07	1006.06	1005.95	1005.84	1005.90	1005.99	1006.08	1006.11	1006.06
	22	1006.09	1006.11	1006.08	1005.98	1005.86	1005.77	1005.68	1005.57	1005.46	1005.39	1005.33	1005.17	1005.70
	23	1005.02	1004.89	1004.79	1004.69	1004.56	1004.35	1003.84	1003.53	1003.75	1004.11	1004.35	1004.35	1004.35

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
19	0	1004.09	1004.04	1003.92	1003.83	1003.93	1004.06	1003.95	1003.63	1003.33	1003.27	1003.33	1003.44	1003.72
	1	1003.10	1002.56	1002.58	1002.64	1002.94	1003.05	1003.48	1004.31	1004.27	1003.92	1003.72	1003.74	1003.36
	2	1003.93	1003.88	1003.68	1003.61	1003.54	1003.51	1003.55	1003.66	1003.78	1003.82	1003.85	1003.85	1003.72
	3	1003.82	1003.82	1003.76	1003.62	1003.50	1003.52	1003.57	1003.43	1003.30	1003.32	1003.41	1003.49	1003.54
	4	1003.51	1003.59	1003.62	1003.56	1003.54	1003.53	1003.51	1003.60	1003.66	1003.55	1003.45	1003.47	1003.55
	5	1003.53	1003.58	1003.63	1003.69	1003.66	1003.62	1003.69	1003.79	1003.76	1003.75	1003.80	1003.76	1003.69
	6	1003.62	1003.50	1003.42	1003.34	1003.34	1003.41	1003.48	1003.44	1003.41	1003.43	1003.51	1003.71	1003.46
	7	1003.78	1003.70	1003.63	1003.68	1003.81	1003.96	1004.12	1004.24	1004.29	1004.38	1004.53	1004.64	1004.06
	8	1004.69	1004.68	1004.70	1004.73	1004.81	1004.92	1004.98	1005.01	1005.02	1005.08	1005.14	1005.15	1004.91
	9	1005.14	1005.15	1005.24	1005.31	1005.32	1005.29	1005.24	1005.21	1005.15	1005.10	1005.15	1005.21	1005.21
	10	1005.26	1005.21	1005.18	1005.24	1005.24	1005.16	1005.08	1005.05	1005.01	1004.98	1004.99	1004.99	1005.11
	11	1004.99	1004.94	1004.92	1004.92	1004.90	1004.85	1004.82	1004.81	1004.69	1004.50	1004.39	1004.40	1004.76
	12	1004.39	1004.35	1004.29	1004.26	1004.21	1004.22	1004.25	1004.14	1004.03	1004.00	1004.08	1004.11	1004.19
	13	1004.06	1004.01	1004.05	1004.15	1004.23	1004.30	1004.40	1004.51	1004.65	1004.77	1004.75	1004.75	1004.38
	14	1004.82	1004.88	1004.94	1004.94	1004.95	1005.01	1005.03	1005.03	1005.00	1004.92	1004.97	1005.15	1004.97
	15	1005.20	1005.13	1005.12	1005.14	1005.08	1005.01	1004.99	1004.97	1004.93	1004.98	1005.08	1005.08	1005.06
	16	1004.99	1004.99	1005.03	1005.02	1005.04	1005.12	1005.26	1005.42	1005.47	1005.43	1005.34	1005.27	1005.20
	17	1005.25	1005.25	1005.21	1005.17	1005.12	1005.05	1004.98	1004.93	1004.83	1004.66	1004.66	1005.04	1005.01
	18	1005.41	1005.55	1005.69	1005.76	1005.69	1005.74	1005.84	1005.83	1005.84	1005.88	1005.90	1005.89	1005.75
	19	1005.92	1005.97	1006.05	1006.28	1006.56	1006.70	1006.72	1006.72	1006.74	1006.79	1006.82	1006.84	1006.51
	20	1006.83	1006.80	1006.80	1006.74	1006.66	1006.59	1006.47	1006.38	1006.33	1006.38	1006.45	1006.46	1006.57
	21	1006.55	1006.67	1006.78	1006.96	1007.05	1007.05	1007.01	1006.95	1006.92	1006.92	1006.94	1006.97	1006.89
	22	1006.98	1007.03	1007.16	1007.36	1007.47	1007.44	1007.45	1007.49	1007.50	1007.45	1007.44	1007.50	1007.35
	23	1007.55	1007.54	1007.50	1007.47	1007.45	1007.44	1007.45	1007.44	1007.45	1007.46	1007.47	1007.49	1007.47
20	0	1007.47	1007.45	1007.44	1007.46	1007.54	1007.60	1007.59	1007.57	1007.56	1007.56	1007.55	1007.53	1007.53
	1	1007.55	1007.58	1007.60	1007.69	1007.75	1007.67	1007.55	1007.51	1007.50	1007.44	1007.37	1007.34	1007.54
	2	1007.33	1007.24	1007.14	1007.06	1007.05	1007.08	1007.16	1007.35	1007.51	1007.52	1007.52	1007.56	1007.29
	3	1007.60	1007.73	1007.86	1008.02	1008.19	1008.32	1008.40	1008.47	1008.53	1008.59	1008.73	1008.84	1008.27
	4	1008.87	1008.99	1009.07	1009.09	1009.17	1009.22	1009.31	1009.40	1009.42	1009.46	1009.48	1009.49	1009.24
	5	1009.47	1009.45	1009.47	1009.51	1009.59	1009.68	1009.68	1009.66	1009.71	1009.75	1009.79	1009.80	1009.63
	6	1009.76	1009.78	1009.83	1009.86	1009.84	1009.80	1009.80	1009.85	1009.91	1009.94	1009.98	1010.03	1009.86
	7	1010.07	1010.16	1010.24	1010.34	1010.41	1010.39	1010.34	1010.34	1010.35	1010.32	1010.30	1010.30	1010.29
	8	1010.28	1010.27	1010.37	1010.50	1010.56	1010.58	1010.63	1010.67	1010.73	1010.83	1010.90	1010.91	1010.60
	9	1010.94	1010.98	1011.00	1011.01	1011.01	1011.01	1010.95	1010.88	1010.86	1010.84	1010.83	1010.83	1010.93
	10	1010.76	1010.66	1010.63	1010.64	1010.63	1010.63	1010.70	1010.71	1010.68	1010.64	1010.59	1010.55	1010.65
	11	1010.48	1010.45	1010.44	1010.45	1010.41	1010.34	1010.31	1010.32	1010.28	1010.24	1010.26	1010.26	1010.35
	12	1010.24	1010.21	1010.16	1010.08	1010.00	1009.99	1010.00	1009.97	1010.00	1010.07	1009.98	1009.92	1010.05
	13	1009.98	1010.00	1010.04	1010.07	1010.04	1009.93	1009.85	1009.85	1009.91	1009.97	1009.97	1010.02	1009.97
	14	1010.10	1010.11	1010.14	1010.17	1010.14	1010.14	1010.15	1010.07	1010.08	1010.19	1010.18	1010.10	1010.13
	15	1010.11	1010.16	1010.23	1010.30	1010.31	1010.36	1010.40	1010.42	1010.48	1010.54	1010.58	1010.63	1010.37
	16	1010.69	1010.75	1010.86	1010.91	1010.94	1010.98	1011.04	1011.13	1011.13	1011.15	1011.23	1011.34	1011.01
	17	1011.47	1011.52	1011.53	1011.58	1011.61	1011.63	1011.69	1011.78	1011.84	1011.93	1012.10	1012.23	1011.74
	18	1012.32	1012.38	1012.35	1012.28	1012.28	1012.29	1012.33	1012.40	1012.48	1012.50	1012.50	1012.55	1012.39
	19	1012.55	1012.59	1012.66	1012.74	1012.73	1012.75	1012.91	1013.01	1013.03	1013.05	1012.99	1012.89	1012.82
	20	1012.88	1012.92	1012.96	1013.00	1013.02	1013.02	1013.04	1013.06	1013.05	1012.92	1012.79	1012.75	1012.95
	21	1012.74	1012.84	1012.97	1013.03	1013.04	1013.01	1012.99	1012.93	1012.92	1013.00	1013.01	1013.07	1012.96
	22	1013.12	1013.09	1013.05	1012.98	1013.05	1013.14	1013.14	1013.19	1013.21	1013.13	1013.03	1013.03	1013.09
	23	1013.08	1013.18	1013.24	1013.22	1013.17	1013.07	1013.01	1013.02	1013.03	1013.02	1013.01	1012.94	1013.08

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
21	0	1012.77	1012.77	1012.85	1012.90	1012.82	1012.81	1012.82	1012.81	1012.82	1012.78	1012.77	1012.77	1012.81
	1	1012.69	1012.63	1012.69	1012.77	1012.80	1012.77	1012.69	1012.61	1012.55	1012.54	1012.51	1012.49	1012.64
	2	1012.53	1012.52	1012.47	1012.40	1012.41	1012.52	1012.56	1012.50	1012.46	1012.50	1012.57	1012.60	1012.50
	3	1012.54	1012.46	1012.48	1012.53	1012.55	1012.57	1012.59	1012.61	1012.67	1012.75	1012.81	1012.74	1012.61
	4	1012.65	1012.67	1012.73	1012.70	1012.66	1012.69	1012.77	1012.88	1012.92	1012.94	1012.88	1012.88	1012.78
	5	1012.97	1013.02	1013.07	1013.10	1013.10	1013.15	1013.26	1013.35	1013.34	1013.29	1013.34	1013.38	1013.20
	6	1013.36	1013.31	1013.30	1013.33	1013.34	1013.36	1013.36	1013.33	1013.31	1013.32	1013.35	1013.44	1013.34
	7	1013.55	1013.59	1013.56	1013.56	1013.61	1013.67	1013.69	1013.68	1013.68	1013.70	1013.73	1013.68	1013.64
	8	1013.63	1013.61	1013.61	1013.60	1013.60	1013.58	1013.47	1013.43	1013.47	1013.47	1013.43	1013.44	1013.53
	9	1013.46	1013.48	1013.49	1013.48	1013.47	1013.45	1013.45	1013.42	1013.39	1013.40	1013.37	1013.29	1013.43
	10	1013.27	1013.28	1013.29	1013.28	1013.24	1013.24	1013.24	1013.21	1013.19	1013.20	1013.23	1013.22	1013.24
	11	1013.21	1013.17	1013.12	1013.08	1013.04	1013.02	1013.01	1012.95	1012.87	1012.80	1012.77	1012.73	1012.98
	12	1012.69	1012.66	1012.62	1012.64	1012.64	1012.59	1012.55	1012.48	1012.43	1012.44	1012.44	1012.40	1012.55
	13	1012.36	1012.36	1012.34	1012.31	1012.28	1012.29	1012.28	1012.27	1012.28	1012.26	1012.23	1012.21	1012.29
	14	1012.21	1012.21	1012.22	1012.19	1012.17	1012.19	1012.17	1012.13	1012.14	1012.15	1012.14	1012.14	1012.17
	15	1012.15	1012.13	1012.13	1012.15	1012.18	1012.20	1012.20	1012.21	1012.24	1012.26	1012.27	1012.28	1012.20
	16	1012.32	1012.40	1012.47	1012.51	1012.57	1012.59	1012.58	1012.61	1012.68	1012.71	1012.72	1012.73	1012.57
	17	1012.75	1012.78	1012.79	1012.84	1012.90	1012.95	1013.00	1013.04	1013.08	1013.16	1013.24	1013.33	1012.99
	18	1013.41	1013.46	1013.51	1013.57	1013.58	1013.59	1013.64	1013.70	1013.75	1013.80	1013.85	1013.89	1013.64
	19	1013.92	1013.94	1013.94	1013.93	1013.95	1013.96	1013.96	1013.98	1014.01	1014.03	1014.06	1014.11	1013.98
	20	1014.16	1014.20	1014.21	1014.14	1014.11	1014.14	1014.15	1014.16	1014.15	1014.13	1014.15	1014.17	1014.15
	21	1014.19	1014.23	1014.27	1014.27	1014.28	1014.26	1014.23	1014.19	1014.15	1014.12	1014.11	1014.14	1014.20
	22	1014.17	1014.20	1014.23	1014.21	1014.18	1014.17	1014.15	1014.11	1014.07	1014.05	1014.05	1014.05	1014.13
	23	1014.04	1014.02	1014.01	1014.00	1014.02	1014.05	1014.05	1014.03	1014.01	1013.97	1013.93	1013.88	1014.00
22	0	1013.80	1013.80	1013.80	1013.83	1013.85	1013.87	1013.89	1013.91	1013.95	1013.96	1013.89	1013.83	1013.87
	1	1013.78	1013.74	1013.75	1013.77	1013.79	1013.83	1013.84	1013.84	1013.83	1013.81	1013.84	1013.85	1013.80
	2	1013.86	1013.89	1013.89	1013.88	1013.87	1013.84	1013.78	1013.78	1013.81	1013.82	1013.84	1013.88	1013.84
	3	1013.91	1013.90	1013.91	1013.93	1013.92	1013.92	1013.93	1013.90	1013.88	1013.88	1013.91	1013.94	1013.91
	4	1013.97	1014.01	1014.06	1014.11	1014.14	1014.15	1014.18	1014.23	1014.25	1014.26	1014.24	1014.24	1014.15
	5	1014.27	1014.29	1014.33	1014.37	1014.41	1014.44	1014.45	1014.45	1014.44	1014.45	1014.47	1014.44	1014.40
	6	1014.38	1014.36	1014.35	1014.34	1014.35	1014.38	1014.42	1014.43	1014.42	1014.37	1014.32	1014.32	1014.37
	7	1014.34	1014.40	1014.44	1014.45	1014.45	1014.44	1014.44	1014.47	1014.48	1014.41	1014.34	1014.32	1014.41
	8	1014.38	1014.42	1014.41	1014.41	1014.41	1014.42	1014.43	1014.41	1014.38	1014.36	1014.31	1014.30	1014.38
	9	1014.31	1014.31	1014.28	1014.25	1014.24	1014.22	1014.18	1014.13	1014.08	1014.03	1013.98	1013.93	1014.16
	10	1013.90	1013.86	1013.81	1013.78	1013.76	1013.73	1013.67	1013.63	1013.61	1013.60	1013.58	1013.53	1013.70
	11	1013.47	1013.43	1013.42	1013.39	1013.36	1013.31	1013.26	1013.24	1013.22	1013.20	1013.19	1013.19	1013.30
	12	1013.19	1013.19	1013.17	1013.14	1013.10	1013.06	1013.06	1013.04	1012.98	1012.95	1012.96	1012.95	1013.06
	13	1012.96	1012.97	1012.96	1012.94	1012.90	1012.89	1012.90	1012.88	1012.85	1012.86	1012.86	1012.85	1012.90
	14	1012.84	1012.80	1012.78	1012.79	1012.77	1012.73	1012.69	1012.65	1012.65	1012.64	1012.62	1012.61	1012.71
	15	1012.61	1012.63	1012.66	1012.66	1012.67	1012.72	1012.75	1012.75	1012.75	1012.74	1012.73	1012.73	1012.70
	16	1012.73	1012.74	1012.75	1012.77	1012.80	1012.80	1012.78	1012.78	1012.78	1012.79	1012.82	1012.84	1012.78
	17	1012.85	1012.85	1012.83	1012.83	1012.85	1012.89	1012.94	1012.99	1013.07	1013.15	1013.21	1013.25	1012.97
	18	1013.29	1013.36	1013.41	1013.45	1013.47	1013.50	1013.54	1013.54	1013.55	1013.57	1013.57	1013.57	1013.48
	19	1013.58	1013.63	1013.69	1013.72	1013.73	1013.73	1013.70	1013.70	1013.69	1013.65	1013.60	1013.55	1013.66
	20	1013.55	1013.56	1013.57	1013.58	1013.61	1013.65	1013.70	1013.73	1013.71	1013.71	1013.71	1013.70	1013.65
	21	1013.69	1013.70	1013.71	1013.72	1013.72	1013.72	1013.70	1013.66	1013.64	1013.64	1013.64	1013.65	1013.68
	22	1013.67	1013.68	1013.67	1013.65	1013.60	1013.55	1013.55	1013.58	1013.58	1013.57	1013.51	1013.44	1013.59
	23	1013.41	1013.41	1013.41	1013.39	1013.41	1013.47	1013.51	1013.49	1013.42	1013.37	1013.36	1013.34	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
23	0	1013.33	1013.33	1013.31	1013.28	1013.24	1013.17	1013.12	1013.13	1013.12	1013.10	1013.09	1013.08	1013.18
	1	1013.07	1013.07	1013.05	1013.02	1013.01	1012.99	1012.97	1012.97	1012.96	1012.95	1012.95	1012.94	1012.99
	2	1012.91	1012.85	1012.81	1012.78	1012.76	1012.73	1012.71	1012.74	1012.78	1012.79	1012.76	1012.71	1012.78
	3	1012.66	1012.61	1012.59	1012.61	1012.62	1012.60	1012.59	1012.58	1012.57	1012.57	1012.58	1012.60	1012.60
	4	1012.58	1012.57	1012.60	1012.67	1012.73	1012.76	1012.76	1012.77	1012.77	1012.79	1012.84	1012.86	1012.72
	5	1012.89	1012.94	1012.99	1013.06	1013.12	1013.14	1013.14	1013.16	1013.22	1013.27	1013.33	1013.40	1013.14
	6	1013.46	1013.52	1013.57	1013.62	1013.68	1013.72	1013.75	1013.78	1013.81	1013.85	1013.87	1013.89	1013.71
	7	1013.93	1013.93	1013.92	1013.96	1014.02	1014.06	1014.05	1014.02	1014.02	1014.02	1014.00	1014.00	1013.99
	8	1013.99	1013.98	1014.00	1014.02	1014.03	1014.02	1014.01	1014.00	1013.98	1013.95	1013.90	1013.84	1013.97
	9	1013.82	1013.80	1013.77	1013.75	1013.73	1013.71	1013.68	1013.66	1013.64	1013.59	1013.54	1013.50	1013.68
	10	1013.48	1013.45	1013.38	1013.34	1013.33	1013.31	1013.30	1013.28	1013.26	1013.25	1013.22	1013.19	1013.31
	11	1013.15	1013.10	1013.06	1013.00	1012.96	1012.97	1012.96	1012.95	1012.94	1012.94	1012.91	1012.83	1012.98
	12	1012.77	1012.73	1012.72	1012.68	1012.63	1012.58	1012.54	1012.51	1012.48	1012.44	1012.41	1012.38	1012.57
	13	1012.34	1012.32	1012.29	1012.25	1012.23	1012.20	1012.18	1012.20	1012.21	1012.18	1012.17	1012.16	1012.23
	14	1012.14	1012.13	1012.13	1012.14	1012.16	1012.16	1012.15	1012.10	1012.04	1012.04	1012.06	1012.07	1012.11
	15	1012.07	1012.06	1012.10	1012.14	1012.13	1012.09	1012.09	1012.14	1012.21	1012.28	1012.32	1012.37	1012.16
	16	1012.44	1012.51	1012.57	1012.62	1012.68	1012.75	1012.77	1012.76	1012.78	1012.79	1012.79	1012.78	1012.68
	17	1012.77	1012.77	1012.79	1012.81	1012.81	1012.84	1012.87	1012.89	1012.95	1013.08	1013.20	1013.29	1012.92
	18	1013.35	1013.41	1013.48	1013.56	1013.62	1013.65	1013.71	1013.74	1013.77	1013.80	1013.78	1013.76	1013.63
	19	1013.76	1013.76	1013.72	1013.69	1013.69	1013.70	1013.73	1013.75	1013.73	1013.67	1013.65	1013.66	1013.71
	20	1013.65	1013.64	1013.66	1013.67	1013.70	1013.72	1013.69	1013.64	1013.64	1013.71	1013.81	1013.84	1013.70
	21	1013.83	1013.86	1013.86	1013.87	1014.02	1014.14	1014.17	1014.22	1014.25	1014.20	1014.18	1014.21	1014.07
	22	1014.22	1014.20	1014.21	1014.24	1014.19	1014.15	1014.14	1014.14	1014.16	1014.14	1014.10	1014.07	1014.16
	23	1014.05	1014.03	1013.98	1013.93	1013.96	1014.00	1014.03	1014.02	1013.99	1013.98	1013.96	1013.95	1013.99
24	0	1013.91	1013.92	1013.93	1013.91	1013.90	1013.89	1013.86	1013.83	1013.83	1013.80	1013.77	1013.74	1013.85
	1	1013.71	1013.69	1013.70	1013.73	1013.73	1013.73	1013.74	1013.75	1013.74	1013.73	1013.73	1013.70	1013.72
	2	1013.64	1013.59	1013.56	1013.53	1013.52	1013.49	1013.44	1013.42	1013.41	1013.42	1013.43	1013.44	1013.49
	3	1013.47	1013.54	1013.59	1013.62	1013.66	1013.68	1013.66	1013.61	1013.57	1013.56	1013.54	1013.53	1013.58
	4	1013.51	1013.47	1013.48	1013.55	1013.59	1013.59	1013.59	1013.61	1013.65	1013.69	1013.74	1013.80	1013.60
	5	1013.87	1013.91	1013.93	1013.96	1014.00	1014.04	1014.10	1014.18	1014.27	1014.33	1014.36	1014.37	1014.11
	6	1014.35	1014.33	1014.32	1014.34	1014.40	1014.49	1014.53	1014.54	1014.60	1014.68	1014.73	1014.78	1014.51
	7	1014.83	1014.85	1014.88	1014.90	1014.89	1014.91	1014.94	1014.93	1014.93	1014.95	1014.97	1014.98	1014.91
	8	1015.01	1015.04	1015.06	1015.10	1015.12	1015.13	1015.15	1015.18	1015.20	1015.21	1015.21	1015.22	1015.13
	9	1015.23	1015.21	1015.22	1015.26	1015.28	1015.27	1015.21	1015.14	1015.11	1015.11	1015.11	1015.09	1015.19
	10	1015.06	1015.04	1015.00	1014.95	1014.90	1014.88	1014.84	1014.79	1014.76	1014.72	1014.67	1014.62	1014.85
	11	1014.54	1014.48	1014.44	1014.38	1014.32	1014.23	1014.16	1014.15	1014.17	1014.16	1014.12	1014.09	1014.27
	12	1014.04	1014.01	1014.01	1013.99	1013.91	1013.82	1013.78	1013.73	1013.68	1013.70	1013.69	1013.65	1013.83
	13	1013.65	1013.66	1013.68	1013.72	1013.74	1013.79	1013.83	1013.83	1013.85	1013.90	1013.89	1013.84	1013.78
	14	1013.81	1013.79	1013.80	1013.81	1013.83	1013.87	1013.92	1013.93	1013.92	1013.88	1013.82	1013.81	1013.85
	15	1013.82	1013.81	1013.81	1013.82	1013.81	1013.79	1013.76	1013.75	1013.76	1013.78	1013.77	1013.75	1013.78
	16	1013.75	1013.79	1013.82	1013.86	1013.90	1013.96	1014.06	1014.10	1014.11	1014.19	1014.30	1014.35	1014.01
	17	1014.37	1014.39	1014.41	1014.44	1014.46	1014.47	1014.51	1014.58	1014.65	1014.72	1014.74	1014.75	1014.54
	18	1014.84	1014.92	1015.01	1015.13	1015.23	1015.32	1015.38	1015.44	1015.48	1015.55	1015.59	1015.61	1015.29
	19	1015.67	1015.76	1015.82	1015.86	1015.91	1015.94	1015.93	1015.89	1015.86	1015.87	1015.96	1016.05	1015.87
	20	1016.08	1016.07	1016.07	1016.11	1016.15	1016.19	1016.23	1016.24	1016.25	1016.25	1016.22	1016.20	1016.17
	21	1016.21	1016.21	1016.21	1016.21	1016.23	1016.25	1016.26	1016.29	1016.29	1016.25	1016.24	1016.29	1016.24
	22	1016.34	1016.36	1016.36	1016.39	1016.45	1016.45	1016.44	1016.45	1016.46	1016.44	1016.41	1016.39	1016.41
	23	1016.37	1016.35	1016.37	1016.42	1016.47	1016.52	1016.57	1016.56	1016.51	1016.52	1016.54	1016.54	1016.48

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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	1016.52	1016.51	1016.50	1016.48	1016.47	1016.48	1016.47	1016.43	1016.38	1016.32	1016.32	1016.37	1016.43
	1	1016.35	1016.30	1016.25	1016.18	1016.15	1016.13	1016.17	1016.24	1016.25	1016.21	1016.15	1016.11	1016.20
	2	1016.06	1016.02	1015.99	1015.98	1015.99	1015.93	1015.92	1015.98	1016.04	1016.08	1016.06	1016.03	1016.00
	3	1016.01	1015.96	1015.94	1015.96	1016.02	1016.04	1016.04	1016.07	1016.11	1016.14	1016.13	1016.06	1016.04
	4	1015.97	1015.87	1015.78	1015.80	1015.86	1015.91	1015.97	1016.02	1016.02	1016.01	1016.02	1016.00	1015.93
	5	1015.97	1015.99	1015.92	1015.83	1015.84	1015.85	1015.90	1015.95	1016.00	1016.09	1016.14	1016.20	1015.97
	6	1016.26	1016.23	1016.20	1016.26	1016.29	1016.35	1016.44	1016.52	1016.61	1016.65	1016.61	1016.65	1016.42
	7	1016.74	1016.80	1016.83	1016.89	1016.97	1017.04	1017.05	1017.05	1017.08	1017.15	1017.20	1017.21	1017.00
	8	1017.25	1017.29	1017.30	1017.33	1017.40	1017.44	1017.45	1017.46	1017.46	1017.43	1017.45	1017.51	1017.40
	9	1017.54	1017.55	1017.55	1017.56	1017.53	1017.50	1017.49	1017.50	1017.51	1017.51	1017.48	1017.44	1017.51
	10	1017.44	1017.44	1017.42	1017.44	1017.44	1017.43	1017.41	1017.38	1017.36	1017.34	1017.32	1017.31	1017.39
	11	1017.31	1017.29	1017.28	1017.26	1017.20	1017.15	1017.09	1017.08	1017.03	1016.95	1016.90	1016.88	1017.12
	12	1016.87	1016.81	1016.72	1016.66	1016.65	1016.64	1016.59	1016.55	1016.50	1016.44	1016.38	1016.33	1016.59
	13	1016.30	1016.27	1016.26	1016.28	1016.30	1016.28	1016.23	1016.19	1016.18	1016.19	1016.20	1016.20	1016.24
	14	1016.16	1016.14	1016.15	1016.15	1016.15	1016.13	1016.13	1016.14	1016.14	1016.14	1016.15	1016.16	1016.14
	15	1016.18	1016.22	1016.27	1016.30	1016.33	1016.38	1016.42	1016.47	1016.48	1016.47	1016.48	1016.50	1016.37
	16	1016.52	1016.50	1016.49	1016.51	1016.56	1016.63	1016.64	1016.68	1016.77	1016.82	1016.88	1016.92	1016.66
	17	1016.98	1017.09	1017.21	1017.32	1017.38	1017.39	1017.40	1017.39	1017.36	1017.37	1017.41	1017.46	1017.31
	18	1017.54	1017.64	1017.79	1017.95	1018.02	1017.90	1017.64	1017.52	1017.48	1017.46	1017.44	1017.43	1017.65
	19	1017.43	1017.44	1017.49	1017.57	1017.69	1017.80	1017.83	1017.82	1017.87	1017.95	1018.01	1018.05	1017.74
	20	1018.03	1017.96	1017.88	1017.83	1017.84	1017.86	1017.84	1017.82	1017.84	1017.86	1017.85	1017.81	1017.87
	21	1017.78	1017.79	1017.80	1017.79	1017.83	1017.91	1018.02	1018.10	1018.13	1018.17	1018.22	1018.26	1017.98
	22	1018.28	1018.29	1018.27	1018.26	1018.26	1018.21	1018.16	1018.14	1018.15	1018.19	1018.25	1018.33	1018.23
	23	1018.38	1018.36	1018.35	1018.37	1018.40	1018.42	1018.42	1018.44	1018.44	1018.44	1018.45	1018.42	1018.40
26	0	1018.35	1018.32	1018.27	1018.25	1018.22	1018.19	1018.15	1018.12	1018.10	1018.07	1018.05	1018.04	1018.17
	1	1018.03	1018.01	1018.01	1018.03	1018.04	1018.03	1017.99	1017.94	1017.92	1017.95	1017.95	1017.92	1017.98
	2	1017.89	1017.86	1017.82	1017.80	1017.82	1017.85	1017.86	1017.84	1017.81	1017.83	1017.85	1017.84	1017.84
	3	1017.84	1017.86	1017.90	1017.96	1017.98	1017.98	1017.99	1018.00	1018.01	1018.01	1018.01	1018.00	1017.96
	4	1018.02	1018.03	1018.04	1018.05	1018.10	1018.14	1018.17	1018.18	1018.19	1018.20	1018.20	1018.20	1018.12
	5	1018.19	1018.18	1018.17	1018.19	1018.22	1018.24	1018.29	1018.35	1018.38	1018.37	1018.39	1018.42	1018.28
	6	1018.45	1018.47	1018.51	1018.52	1018.53	1018.55	1018.58	1018.61	1018.62	1018.63	1018.67	1018.71	1018.57
	7	1018.76	1018.78	1018.76	1018.74	1018.74	1018.77	1018.79	1018.79	1018.81	1018.87	1018.92	1018.93	1018.80
	8	1018.94	1018.97	1018.99	1019.00	1019.02	1019.05	1019.06	1019.08	1019.09	1019.08	1019.08	1019.07	1019.03
	9	1019.06	1019.05	1019.03	1019.02	1019.04	1019.06	1019.05	1019.05	1019.07	1019.07	1019.07	1019.01	1019.05
	10	1018.94	1018.90	1018.86	1018.83	1018.80	1018.76	1018.73	1018.70	1018.65	1018.60	1018.56	1018.52	1018.74
	11	1018.48	1018.44	1018.39	1018.36	1018.32	1018.25	1018.21	1018.18	1018.12	1018.05	1017.98	1017.91	1018.22
	12	1017.85	1017.80	1017.77	1017.76	1017.77	1017.76	1017.75	1017.73	1017.70	1017.68	1017.65	1017.63	1017.74
	13	1017.63	1017.62	1017.68	1017.68	1017.64	1017.61	1017.56	1017.52	1017.52	1017.54	1017.56	1017.53	1017.59
	14	1017.49	1017.50	1017.52	1017.51	1017.57	1017.65	1017.66	1017.73	1017.86	1018.01	1018.09	1018.12	1017.72
	15	1018.21	1018.31	1018.37	1018.36	1018.23	1018.20	1018.33	1018.36	1018.27	1018.21	1018.21	1018.16	1018.27
	16	1018.12	1018.16	1018.17	1018.14	1018.11	1018.14	1018.21	1018.30	1018.46	1018.63	1018.75	1018.76	1018.33
	17	1018.73	1018.74	1018.80	1018.92	1018.99	1019.00	1019.00	1018.95	1018.91	1018.96	1019.08	1019.18	1018.94
	18	1019.24	1019.28	1019.32	1019.39	1019.46	1019.51	1019.53	1019.55	1019.55	1019.57	1019.65	1019.64	1019.47
	19	1019.57	1019.56	1019.57	1019.62	1019.71	1019.77	1019.78	1019.77	1019.79	1019.79	1019.77	1019.78	1019.70
	20	1019.78	1019.80	1019.85	1019.91	1019.98	1020.03	1020.08	1020.11	1020.12	1020.14	1020.21	1020.31	1020.02
	21	1020.36	1020.37	1020.36	1020.34	1020.34	1020.33	1020.30	1020.28	1020.26	1020.25	1020.23	1020.20	1020.30
	22	1020.18	1020.20	1020.21	1020.19	1020.16	1020.12	1020.10	1020.05	1019.99	1019.94	1019.92	1019.91	1020.08
	23	1019.91	1019.91	1019.91	1019.91	1019.92	1019.92	1019.88	1019.83	1019.79	1019.76	1019.75	1019.73	1019.85

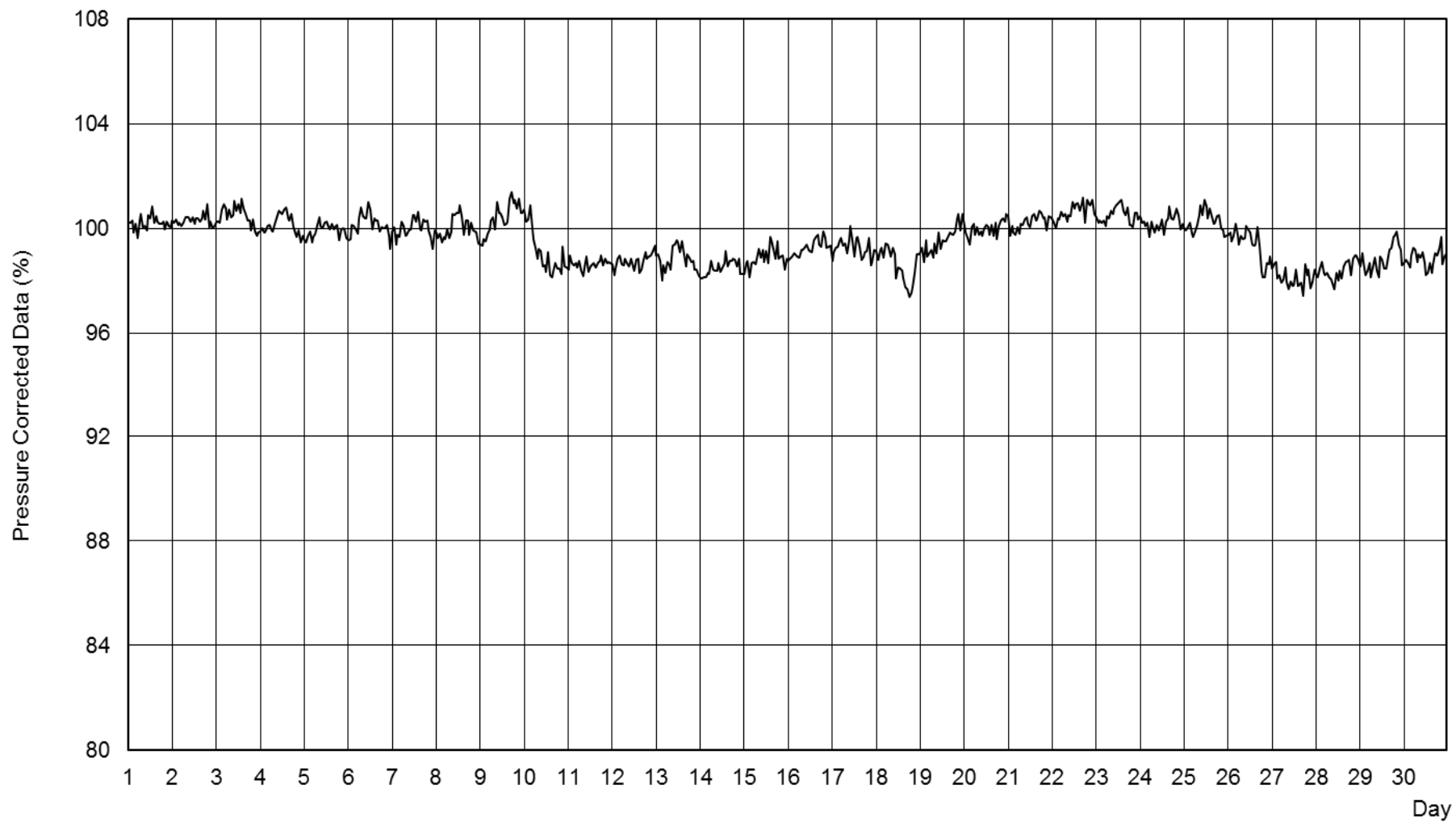
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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
27	0	1019.76	1019.75	1019.74	1019.72	1019.70	1019.72	1019.73	1019.73	1019.68	1019.61	1019.55	1019.49	1019.68
	1	1019.45	1019.44	1019.44	1019.46	1019.46	1019.47	1019.48	1019.49	1019.49	1019.48	1019.44	1019.40	1019.46
	2	1019.37	1019.39	1019.42	1019.43	1019.45	1019.48	1019.51	1019.55	1019.58	1019.62	1019.66	1019.69	1019.51
	3	1019.68	1019.67	1019.68	1019.67	1019.66	1019.67	1019.71	1019.72	1019.67	1019.60	1019.56	1019.56	1019.65
	4	1019.57	1019.59	1019.60	1019.62	1019.66	1019.70	1019.73	1019.77	1019.81	1019.85	1019.91	1019.95	1019.73
	5	1019.99	1020.08	1020.16	1020.19	1020.22	1020.23	1020.24	1020.28	1020.33	1020.39	1020.41	1020.41	1020.24
	6	1020.43	1020.48	1020.49	1020.47	1020.50	1020.50	1020.49	1020.50	1020.53	1020.56	1020.62	1020.68	1020.52
	7	1020.68	1020.69	1020.74	1020.81	1020.84	1020.86	1020.88	1020.90	1020.95	1020.99	1021.01	1021.01	1020.86
	8	1021.01	1021.01	1021.01	1021.05	1021.09	1021.11	1021.13	1021.13	1021.13	1021.15	1021.18	1021.19	1021.10
	9	1021.17	1021.14	1021.13	1021.12	1021.11	1021.10	1021.09	1021.05	1021.00	1020.97	1020.96	1020.95	1021.06
	10	1020.93	1020.93	1020.91	1020.91	1020.92	1020.94	1020.93	1020.89	1020.82	1020.74	1020.72	1020.73	1020.86
	11	1020.69	1020.62	1020.57	1020.55	1020.50	1020.45	1020.43	1020.40	1020.34	1020.31	1020.27	1020.21	1020.44
	12	1020.16	1020.14	1020.13	1020.11	1020.09	1020.08	1020.05	1020.04	1020.02	1019.99	1019.96	1019.90	1020.05
	13	1019.85	1019.82	1019.78	1019.71	1019.68	1019.66	1019.64	1019.61	1019.55	1019.51	1019.48	1019.46	1019.64
	14	1019.42	1019.38	1019.34	1019.31	1019.28	1019.24	1019.21	1019.20	1019.19	1019.17	1019.16	1019.15	1019.25
	15	1019.15	1019.19	1019.23	1019.22	1019.23	1019.25	1019.25	1019.25	1019.25	1019.25	1019.26	1019.27	1019.23
	16	1019.28	1019.29	1019.31	1019.31	1019.32	1019.32	1019.31	1019.34	1019.38	1019.42	1019.43	1019.44	1019.34
	17	1019.47	1019.51	1019.55	1019.59	1019.64	1019.69	1019.72	1019.72	1019.70	1019.73	1019.78	1019.79	1019.66
	18	1019.82	1019.87	1019.95	1020.04	1020.09	1020.14	1020.21	1020.28	1020.32	1020.38	1020.45	1020.51	1020.17
	19	1020.57	1020.63	1020.65	1020.67	1020.69	1020.71	1020.73	1020.77	1020.83	1020.86	1020.86	1020.86	1020.73
	20	1020.87	1020.85	1020.85	1020.89	1020.90	1020.89	1020.91	1020.92	1020.91	1020.89	1020.84	1020.81	1020.87
	21	1020.83	1020.82	1020.81	1020.80	1020.79	1020.81	1020.82	1020.83	1020.86	1020.87	1020.89	1020.91	1020.84
	22	1020.92	1020.91	1020.88	1020.84	1020.81	1020.79	1020.78	1020.76	1020.74	1020.73	1020.71	1020.70	1020.79
	23	1020.71	1020.71	1020.72	1020.74	1020.75	1020.75	1020.76	1020.76	1020.75	1020.74	1020.73	1020.70	1020.73
28	0	1020.65	1020.64	1020.61	1020.58	1020.55	1020.54	1020.55	1020.54	1020.55	1020.58	1020.61	1020.60	1020.58
	1	1020.55	1020.52	1020.50	1020.48	1020.52	1020.59	1020.63	1020.64	1020.62	1020.59	1020.54	1020.51	1020.55
	2	1020.48	1020.45	1020.43	1020.41	1020.38	1020.34	1020.32	1020.32	1020.30	1020.28	1020.27	1020.27	1020.35
	3	1020.28	1020.29	1020.28	1020.24	1020.20	1020.18	1020.16	1020.13	1020.11	1020.07	1020.05	1020.05	1020.17
	4	1020.06	1020.08	1020.09	1020.10	1020.11	1020.12	1020.10	1020.08	1020.10	1020.13	1020.15	1020.19	1020.11
	5	1020.22	1020.23	1020.22	1020.26	1020.31	1020.34	1020.39	1020.45	1020.50	1020.54	1020.56	1020.57	1020.38
	6	1020.59	1020.63	1020.65	1020.66	1020.68	1020.71	1020.73	1020.71	1020.73	1020.79	1020.84	1020.84	1020.71
	7	1020.83	1020.87	1020.91	1020.91	1020.91	1020.93	1020.93	1020.92	1020.90	1020.89	1020.90	1020.92	1020.90
	8	1020.93	1020.95	1020.97	1020.99	1021.00	1020.96	1020.92	1020.89	1020.87	1020.84	1020.83	1020.83	1020.91
	9	1020.80	1020.77	1020.75	1020.73	1020.73	1020.73	1020.73	1020.72	1020.68	1020.65	1020.64	1020.63	1020.71
	10	1020.62	1020.60	1020.57	1020.54	1020.53	1020.49	1020.43	1020.38	1020.35	1020.30	1020.26	1020.22	1020.44
	11	1020.16	1020.10	1020.05	1020.02	1019.98	1019.93	1019.91	1019.90	1019.86	1019.83	1019.83	1019.80	1019.94
	12	1019.74	1019.67	1019.63	1019.61	1019.59	1019.59	1019.58	1019.53	1019.48	1019.44	1019.40	1019.39	1019.55
	13	1019.37	1019.31	1019.24	1019.20	1019.20	1019.17	1019.12	1019.09	1019.05	1019.02	1018.99	1018.98	1019.14
	14	1018.97	1018.94	1018.91	1018.89	1018.87	1018.86	1018.83	1018.79	1018.75	1018.75	1018.75	1018.75	1018.84
	15	1018.72	1018.67	1018.63	1018.62	1018.63	1018.63	1018.64	1018.65	1018.63	1018.61	1018.63	1018.67	1018.64
	16	1018.69	1018.69	1018.68	1018.70	1018.73	1018.75	1018.73	1018.71	1018.73	1018.75	1018.76	1018.77	1018.72
	17	1018.79	1018.78	1018.79	1018.82	1018.84	1018.84	1018.86	1018.90	1018.93	1018.97	1019.00	1019.04	1018.88
	18	1019.09	1019.15	1019.20	1019.24	1019.27	1019.33	1019.37	1019.40	1019.47	1019.54	1019.59	1019.63	1019.35
	19	1019.68	1019.75	1019.82	1019.88	1019.92	1019.96	1020.00	1020.02	1020.02	1020.02	1020.05	1020.10	1019.93
	20	1020.17	1020.22	1020.25	1020.28	1020.30	1020.30	1020.30	1020.30	1020.30	1020.28	1020.29	1020.31	1020.27
	21	1020.33	1020.37	1020.42	1020.47	1020.50	1020.54	1020.59	1020.62	1020.64	1020.68	1020.73	1020.75	1020.55
	22	1020.76	1020.78	1020.78	1020.74	1020.73	1020.73	1020.73	1020.72	1020.70	1020.67	1020.67	1020.67	1020.72
	23	1020.69	1020.71	1020.71	1020.72	1020.76	1020.81	1020.86	1020.90	1020.93	1020.96	1020.97	1020.98	1020.83

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1021.00	1021.00	1020.99	1020.99	1020.97	1020.93	1020.91	1020.93	1020.95	1020.97	1020.95	1020.92	1020.95
	1	1020.89	1020.86	1020.86	1020.87	1020.86	1020.84	1020.83	1020.84	1020.85	1020.83	1020.83	1020.80	1020.84
	2	1020.78	1020.79	1020.78	1020.77	1020.78	1020.79	1020.79	1020.80	1020.80	1020.82	1020.85	1020.87	1020.80
	3	1020.86	1020.84	1020.84	1020.85	1020.83	1020.80	1020.80	1020.82	1020.84	1020.87	1020.87	1020.87	1020.84
	4	1020.90	1020.93	1020.89	1020.86	1020.86	1020.86	1020.86	1020.86	1020.86	1020.83	1020.80	1020.77	1020.85
	5	1020.77	1020.79	1020.83	1020.89	1020.94	1021.01	1021.08	1021.12	1021.13	1021.16	1021.18	1021.19	1021.01
	6	1021.20	1021.27	1021.37	1021.42	1021.42	1021.43	1021.47	1021.51	1021.54	1021.54	1021.54	1021.56	1021.44
	7	1021.58	1021.59	1021.61	1021.65	1021.70	1021.72	1021.73	1021.75	1021.76	1021.77	1021.79	1021.81	1021.70
	8	1021.82	1021.82	1021.83	1021.82	1021.81	1021.82	1021.84	1021.84	1021.82	1021.80	1021.79	1021.75	1021.81
	9	1021.74	1021.75	1021.76	1021.76	1021.74	1021.70	1021.70	1021.68	1021.65	1021.63	1021.60	1021.57	1021.69
	10	1021.54	1021.51	1021.47	1021.42	1021.36	1021.32	1021.29	1021.26	1021.22	1021.17	1021.13	1021.10	1021.32
	11	1021.04	1020.97	1020.93	1020.89	1020.85	1020.82	1020.78	1020.71	1020.62	1020.55	1020.49	1020.45	1020.76
	12	1020.44	1020.42	1020.36	1020.26	1020.23	1020.23	1020.19	1020.18	1020.13	1020.04	1019.99	1019.94	1020.20
	13	1019.89	1019.87	1019.83	1019.78	1019.77	1019.77	1019.75	1019.74	1019.71	1019.66	1019.61	1019.56	1019.74
	14	1019.53	1019.53	1019.54	1019.55	1019.56	1019.56	1019.58	1019.61	1019.62	1019.63	1019.61	1019.58	1019.57
	15	1019.59	1019.60	1019.59	1019.58	1019.58	1019.59	1019.58	1019.57	1019.58	1019.60	1019.62	1019.64	1019.59
	16	1019.66	1019.69	1019.70	1019.71	1019.72	1019.72	1019.75	1019.75	1019.74	1019.77	1019.78	1019.79	1019.73
	17	1019.81	1019.82	1019.86	1019.90	1019.94	1019.98	1019.99	1020.00	1020.02	1020.03	1020.05	1020.07	1019.95
	18	1020.11	1020.16	1020.21	1020.25	1020.28	1020.29	1020.31	1020.33	1020.33	1020.32	1020.30	1020.32	1020.27
	19	1020.36	1020.39	1020.40	1020.40	1020.43	1020.47	1020.51	1020.56	1020.60	1020.61	1020.60	1020.62	1020.49
	20	1020.68	1020.72	1020.76	1020.79	1020.80	1020.82	1020.85	1020.87	1020.89	1020.91	1020.91	1020.93	1020.83
	21	1020.98	1021.00	1021.01	1021.03	1021.05	1021.05	1021.05	1021.04	1021.05	1021.07	1021.06	1021.04	1021.03
	22	1021.03	1021.02	1021.02	1021.05	1021.09	1021.12	1021.14	1021.15	1021.13	1021.11	1021.07	1021.00	1021.08
	23	1020.97	1020.94	1020.93	1020.96	1020.99	1021.02	1021.04	1021.04	1021.03	1021.02	1021.00	1020.98	1020.99
30	0	1020.97	1020.98	1020.97	1020.93	1020.91	1020.92	1020.92	1020.94	1020.95	1020.95	1020.95	1020.92	1020.94
	1	1020.84	1020.79	1020.82	1020.82	1020.79	1020.77	1020.76	1020.75	1020.74	1020.77	1020.82	1020.82	1020.79
	2	1020.81	1020.82	1020.83	1020.82	1020.81	1020.82	1020.84	1020.84	1020.83	1020.83	1020.85	1020.83	1020.82
	3	1020.80	1020.82	1020.82	1020.82	1020.85	1020.90	1020.94	1020.97	1020.98	1020.97	1020.97	1020.97	1020.90
	4	1020.97	1020.98	1021.01	1021.02	1021.01	1021.01	1021.01	1020.99	1021.01	1021.05	1021.09	1021.14	1021.02
	5	1021.18	1021.21	1021.25	1021.27	1021.26	1021.27	1021.29	1021.29	1021.30	1021.31	1021.31	1021.32	1021.27
	6	1021.35	1021.39	1021.40	1021.41	1021.42	1021.43	1021.45	1021.48	1021.53	1021.61	1021.69	1021.76	1021.49
	7	1021.80	1021.84	1021.88	1021.93	1021.97	1022.03	1022.09	1022.13	1022.14	1022.15	1022.19	1022.22	1022.03
	8	1022.23	1022.23	1022.26	1022.30	1022.33	1022.37	1022.43	1022.48	1022.51	1022.51	1022.51	1022.51	1022.39
	9	1022.51	1022.51	1022.51	1022.50	1022.46	1022.42	1022.43	1022.44	1022.43	1022.42	1022.42	1022.41	1022.45
	10	1022.39	1022.39	1022.38	1022.34	1022.31	1022.26	1022.20	1022.15	1022.11	1022.10	1022.10	1022.08	1022.23
	11	1022.05	1022.01	1021.96	1021.88	1021.78	1021.70	1021.68	1021.64	1021.59	1021.55	1021.53	1021.48	1021.73
	12	1021.45	1021.41	1021.36	1021.32	1021.26	1021.22	1021.20	1021.20	1021.16	1021.12	1021.10	1021.07	1021.24
	13	1021.05	1021.04	1021.04	1021.05	1021.05	1021.06	1021.07	1021.04	1021.01	1021.02	1021.05	1021.03	1021.04
	14	1021.01	1021.01	1021.01	1021.01	1021.00	1020.96	1020.93	1020.91	1020.88	1020.85	1020.83	1020.83	1020.93
	15	1020.86	1020.90	1020.94	1020.97	1021.01	1021.07	1021.13	1021.16	1021.16	1021.18	1021.21	1021.23	1021.07
	16	1021.25	1021.26	1021.25	1021.25	1021.27	1021.29	1021.29	1021.29	1021.31	1021.32	1021.32	1021.32	1021.28
	17	1021.34	1021.36	1021.37	1021.38	1021.40	1021.39	1021.40	1021.44	1021.45	1021.46	1021.51	1021.57	1021.42
	18	1021.62	1021.67	1021.72	1021.79	1021.85	1021.87	1021.87	1021.87	1021.87	1021.91	1021.95	1021.99	1021.83
	19	1022.03	1022.04	1022.06	1022.08	1022.12	1022.18	1022.20	1022.22	1022.23	1022.22	1022.25	1022.27	1022.16
	20	1022.32	1022.37	1022.38	1022.39	1022.40	1022.38	1022.34	1022.33	1022.35	1022.36	1022.37	1022.39	1022.36
	21	1022.39	1022.40	1022.41	1022.44	1022.49	1022.52	1022.50	1022.48	1022.47	1022.48	1022.49	1022.48	1022.46
	22	1022.46	1022.45	1022.45	1022.45	1022.46	1022.46	1022.46	1022.46	1022.48	1022.51	1022.55	1022.55	1022.48
	23	1022.53	1022.51	1022.48	1022.46	1022.46	1022.43	1022.41	1022.41	1022.41	1022.41	1022.42	1022.42	1022.44

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