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SVIRCO Prompt Report: December 2010

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: December 2010

Fabrizio Signoretti and Francesco Re

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in December 2010 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,

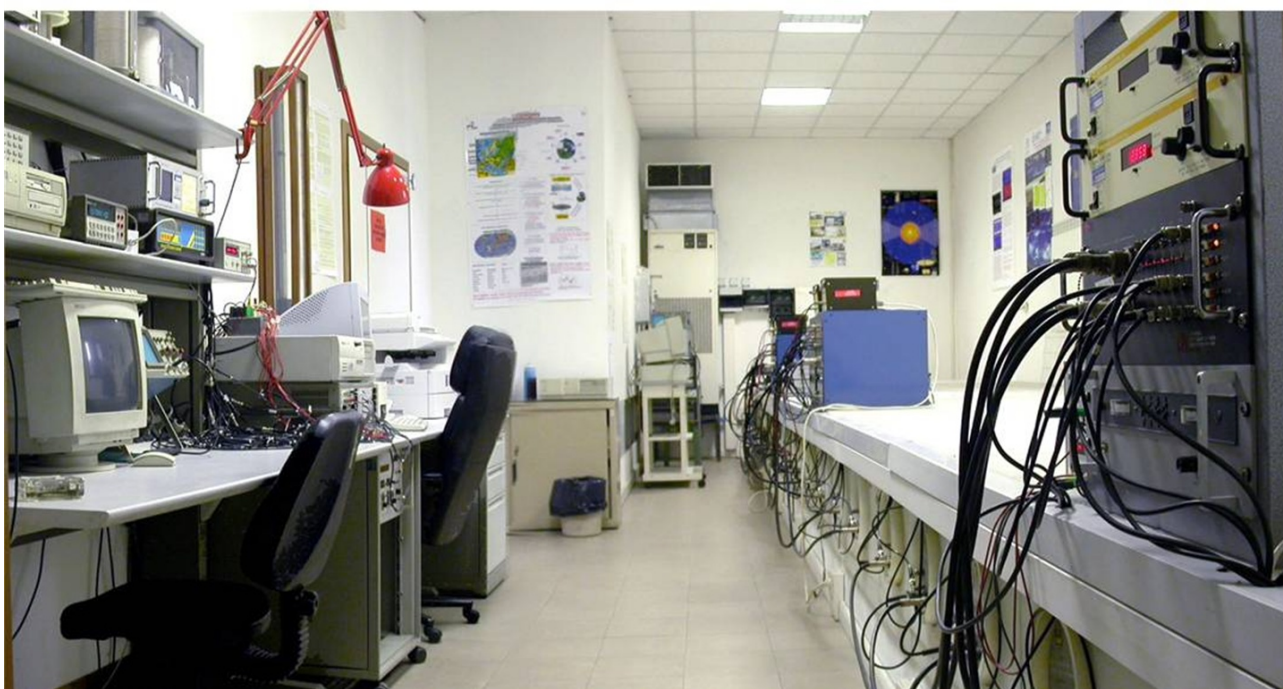
stefano.massetti@ifs-roma.inaf.it



S.V.I.R.CO. Observatory

Rome

Italy



INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2010									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	45584	46283	46422	45591	45966	45990	46438	45466	46000	45347	46192	46368	99.949
	1	46331	46541	45598	45498	46202	45979	46014	46084	45715	46078	46394	46010	100.111
	2	45514	45854	45914	46198	46107	45556	46480	45634	45415	45900	46005	46074	99.786
	3	45369	46422	46056	46003	45876	46242	45948	45764	45854	46047	46059	45780	99.925
	4	45426	45721	45672	45846	46085	46078	46612	45993	45992	45661	46316	45219	99.781
	5	46008	45965	46048	45810	46032	46643	46002	46001	45651	45774	45635	46037	99.959
	6	45936	45785	46491	45956	46086	46068	45735	45734	46299	45630	45469	46418	99.959
	7	45861	45913	46004	46386	46457	46115	46208	46347	46227	45767	46460	46252	100.392
	8	46021	46456	45712	45901	46461	46345	45890	46372	46195	45818	45368	46439	100.208
	9	46186	46155	46464	45716	46423	46020	46132	45802	45922	45817	45935	46975	100.311
	10	46709	45944	46127	46289	46357	46115	46401	46046	46206	45724	46082	45936	100.382
	11	45864	46383	46253	46215	45989	46511	46109	45739	45814	45736	46036	46141	100.175
	12	46081	46859	46171	46638	46177	46576	46288	45839	46700	46662	45759	46506	100.801
	13	46155	46501	46776	46019	45758	46345	46135	46203	46251	45757	46029	45593	100.307
	14	46256	46072	45909	46633	46392	45484	46300	46281	45790	46253	45661	45831	100.187
	15	46036	46116	45591	46612	46073	45737	45949	46203	45579	45543	45961	45906	99.905
	16	46490	46311	46736	46882	46976	46482	46211	46284	46022	46348	46010	46100	100.910
	17	45484	46237	46241	46379	46132	45699	46070	46571	46335	46176	46042	46263	100.325
	18	45860	46052	45619	45522	46421	45908	45609	46543	46284	46340	45928	46253	100.091
	19	46016	45273	45686	46083	46809	45216	46408	46074	46068	46329	45788	46185	100.018
	20	46105	46059	45994	45940	45824	46555	45626	46070	46051	46266	46414	46033	100.200
	21	45639	45357	46498	46485	45707	46292	45999	46036	45984	45836	45125	45883	99.820
	22	45709	45918	45935	46184	45762	46066	45942	46112	45631	45805	46134	45840	99.856
	23	45890	45647	45821	46403	46405	45454	45743	46461	45677	45514	46013	45793	99.817
2	0	45473	46186	46023	45751	45948	45299	45993	46374	46434	45934	45775	45681	99.828
	1	46191	45823	46013	46165	45781	45624	46010	45934	46500	46136	45870	45580	99.962
	2	45514	45789	45791	46279	45963	46010	45859	45697	45878	45441	45572	46105	99.650
	3	45612	46268	45561	45567	45707	46123	45857	45624	45661	45928	46079	46361	99.731
	4	45602	46348	45799	45765	46042	45737	46628	45880	46273	46591	45938	46329	100.199
	5	46434	46744	45837	45931	45945	46230	46553	46206	46050	46118	46177	46598	100.542
	6	45316	46338	46163	46010	45835	46605	46519	46219	45789	46719	45720	46487	100.342
	7	46589	45940	46172	46339	45999	46932	46150	46114	46302	46349	45981	45890	100.530
	8	45630	46146	46749	46572	46177	45813	46179	45970	46653	46268	45910	47405	100.659
	9	46254	46435	46450	46755	46549	46730	46834	46656	46534	46299	46185	46602	101.169
	10	46190	46074	47037	47005	46034	46380	46417	46084	46579	46848	46666	46169	101.024
	11	46256	45816	46653	46492	45586	46390	46434	46114	46903	46263	46384	46382	100.696
	12	46346	45938	46523	46020	46413	46478	45937	46114	46109	46612	46503	46150	100.600
	13	46207	46599	46559	45848	46834	46605	46218	45891	46156	46066	46203	45901	100.590
	14	46739	45895	46488	46577	46106	46222	46422	46230	45884	46657	46462	46186	100.731
	15	46520	46290	45578	46226	46381	46568	46479	46313	46237	45844	45719	46694	100.546
	16	46347	46131	47169	45961	46710	46071	46449	46001	46448	46527	46619	46102	100.852
	17	46180	45970	45759	46143	46278	45535	45780	46146	45975	46105	46292	45907	100.043
	18	45626	46237	46166	46507	46144	46153	45844	46130	45941	45975	45530	46227	100.117
	19	45320	46512	45875	45807	46420	45496	45462	45417	46512	46189	46170	46128	99.904
	20	45803	46376	45749	45905	45930	45465	46127	45981	46520	45665	46187	46302	100.032
	21	45361	45998	46586	46223	45890	46231	45122	46339	46647	46068	45921	45353	99.983
	22	45589	46311	45878	46154	45485	45734	46061	45691	46428	45551	45906	46240	99.854
	23	46425	46140	45479	45914	46001	45708	46240	46465	46657	46310	45432	45829	100.139

INAF/UNIromaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2010											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	45253	46074	46144	46297	45751	44929	45623	46020	46176	46038	46133	45742	99.693
	1	46057	45948	46421	45839	45592	45850	45900	45718	45943	45814	46517	46491	100.046
	2	45992	46274	45985	46723	46136	45965	45858	45767	45339	46003	46560	45376	100.027
	3	45866	46121	46022	45911	45733	45777	45569	45738	45761	46247	45909	46106	99.806
	4	45996	46163	46076	45893	46025	45328	45791	45939	45805	45532	45727	45688	99.661
	5	45788	46055	45715	45718	46392	46006	45965	46230	45587	46166	46489	46130	100.074
	6	45665	46276	46263	46694	45444	45871	46086	46208	45869	46349	45944	46225	100.192
	7	45877	46410	45742	46597	46356	45631	46398	46083	46059	46504	46067	46496	100.433
	8	45962	46724	45676	46065	46031	45970	46390	46132	46651	46047	46172	46003	100.361
	9	47161	46077	46476	46490	46576	46482	46417	46644	46158	46313	46340	46114	100.981
	10	46067	46100	45805	45853	46060	45862	46151	46073	45677	45978	46237	45952	99.997
	11	45900	45643	46027	46959	46636	45859	46721	46378	46391	45796	46654	46427	100.645
	12	46208	46655	46402	46667	46681	46389	46380	46873	46883	46732	46124	46218	101.157
	13	46358	46109	45451	46196	46056	46672	47077	46566	46633	46673	46428	46010	100.796
	14	46279	46689	46144	46350	46200	46185	46583	45922	46333	46493	46003	46221	100.647
	15	45842	46991	46689	46012	46245	46617	46723	46228	46728	46551	45721	46631	100.932
	16	45915	45630	45917	46473	46244	46248	46442	46384	46293	46320	45996	46135	100.392
	17	46049	46246	46403	46483	45859	46397	46076	45724	45917	46311	46163	46244	100.369
	18	45804	46122	45753	45889	46241	46143	46159	45774	46339	45952	46433	46277	100.190
	19	45428	45738	46071	46428	45928	46496	45792	46208	46252	46223	46615	45895	100.225
	20	46525	46119	46636	46422	46142	46166	45800	46271	46055	46141	46340	45901	100.487
	21	46511	46304	45770	45872	46058	46524	45931	46280	45382	46028	45752	46601	100.214
	22	46156	45781	46023	45981	46119	45689	45836	45664	45351	45800	46602	46164	99.879
	23	45994	45615	46206	46273	46187	45687	46801	45643	46359	46216	45710	45999	100.155
4	0	46413	45749	45871	46177	45916	46233	45725	45850	45457	46102	46213	46400	100.046
	1	46120	45938	45928	45986	45662	46010	46029	45655	45873	45680	45660	45736	99.718
	2	46524	46319	46395	45688	46224	46619	46466	46289	46040	46153	46076	46122	100.559
	3	46079	45657	46609	46459	45568	46520	46159	45564	45929	46161	46255	46381	100.273
	4	46372	45825	46649	46363	46307	46223	46241	45678	46449	46225	46156	46533	100.578
	5	46385	46363	46165	46365	46069	45853	46004	46908	45645	46176	46485	46449	100.550
	6	46100	46784	46203	46379	46459	45737	46212	46259	46138	46441	45971	46452	100.598
	7	46450	46460	45977	46345	46065	46556	46997	46604	46579	46194	45814	46482	100.850
	8	45695	46799	46243	46046	46903	46106	46122	46606	46474	46697	46562	45941	100.790
	9	45764	46568	46412	46635	45864	46698	46009	45612	45977	46880	46399	46287	100.593
	10	46700	46710	46330	46472	46677	46133	46240	46555	46332	45987	46111	46597	100.908
	11	46307	46329	46435	45944	46778	46943	46599	46681	45931	46310	46181	46346	100.897
	12	46575	46229	45887	46428	46222	46625	46219	46079	46680	46551	46515	45731	100.709
	13	46564	46528	46525	46346	45978	46150	45914	45983	46534	46562	46637	46321	100.763
	14	46467	46266	46330	46810	46937	46139	46809	46401	46088	46312	46211	45688	100.839
	15	45529	46058	46552	46042	46739	46461	46350	46120	45905	46841	46352	46238	100.608
	16	46364	46400	46418	46446	45980	46553	46433	45542	45827	46193	46669	46709	100.671
	17	45976	46140	46087	46730	46555	45991	45953	46516	46320	46101	46053	46187	100.503
	18	46394	46085	46320	45985	45748	46016	46674	46061	45771	46425	46131	46093	100.339
	19	46148	46326	47284	46125	46399	45571	46457	46394	46461	46789	46506	46068	100.851
	20	46325	45059	46218	45833	46503	46136	45331	46543	46114	45652	46261	45687	99.969
	21	46002	45857	45839	46244	46274	46067	46306	46115	45874	46157	45481	45927	100.056
	22	45582	45858	46025	46125	46389	46545	45422	45727	45774	47144	46614	46043	100.256
	23	44748	46637	46082	45910	45683	46231	46013	46616	45848	46148	45966	46321	100.066

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2010										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	46066	45513	46236	45830	45770	45668	46223	45893	46225	45541	46493	46081	99.944	
	1	46039	46499	45822	45989	45909	45753	45649	46535	45375	45947	46055	46199	99.989	
	2	45973	45665	45446	45758	45637	46004	45670	45287	45872	46229	46594	46249	99.737	
	3	45943	45976	45850	45926	45582	46060	46083	46489	45786	45892	46029	46397	100.033	
	4	46230	46090	45840	45818	45910	46033	45649	46111	46237	45268	45558	46335	99.863	
	5	45707	46363	45844	46086	46129	46567	46138	45651	46293	46283	45992	46586	100.327	
	6	45846	46672	46312	46195	46637	46333	46174	45964	46686	46001	45581	46654	100.584	
	7	46122	45953	46063	46109	45967	45887	46021	46018	45891	46528	46249	46888	100.337	
	8	46879	46213	46654	45500	46187	46504	46407	45714	46100	46417	46632	46690	100.737	
	9	46569	46126	46471	46131	46364	46166	46930	46221	46595	46434	45931	46615	100.856	
	10	46538	45889	46151	46468	45649	46171	46547	46631	45545	46167	46522	46734	100.576	
	11	47020	46247	46251	46100	45273	46078	46611	45757	45773	46284	46082	46171	100.329	
	12	46700	46120	46170	46415	45757	46038	45867	46872	46722	46206	46553	46602	100.759	
	13	46616	46437	46267	46256	46013	46586	46025	46598	46041	45686	45777	45960	100.439	
	14	46723	46150	46352	46519	46074	46262	46028	46423	45840	46052	45872	46052	100.455	
	15	46163	46186	46148	46269	45847	46001	46140	46453	46070	46226	45719	46053	100.261	
	16	46191	46035	46633	45651	45346	46250	45896	45929	46762	45858	46161	45576	100.082	
	17	45818	46181	45868	46454	45836	46231	46089	45583	45979	46099	45706	45608	99.931	
	18	45940	45419	45324	45707	45575	45800	45630	46236	45896	45776	45815	45894	99.489	
	19	46607	45260	45186	45956	45612	45433	46152	46242	46173	46316	45613	46531	99.864	
	20	46584	45964	45833	45816	45185	45991	45671	45767	45574	45346	45439	45317	99.394	
	21	45940	46165	46422	45629	46089	45714	45137	46119	46010	46407	45754	46411	99.994	
	22	45992	45935	45818	45826	45623	46001	45693	46166	46541	45680	46513	45640	99.927	
	23	46023	45966	45997	45998	45584	46316	45275	45424	45751	45451	45957	46078	99.635	
6	0	45838	45826	46404	46781	46340	45696	45589	45912	46142	45999	46201	45835	100.122	
	1	46237	46360	45465	46122	46635	45486	45458	45983	45405	45932	46638	46177	100.012	
	2	45689	45885	45967	45482	45746	45889	46078	45475	46239	45785	45833	46066	99.692	
	3	45512	45791	46065	46080	46012	45535	45641	45688	46320	46036	45811	45684	99.700	
	4	46568	45650	45667	46023	46328	45695	45927	45788	45967	46145	46320	46010	100.046	
	5	46193	45674	45507	46264	45873	46186	45918	46147	46174	46503	46133	46175	100.166	
	6	46442	46104	45981	45473	46592	46176	45994	45531	45980	45113	45378	45723	99.756	
	7	46032	46220	46171	46484	45866	45954	45968	45964	45827	46084	46226	46073	100.188	
	8	46325	46435	45505	46091	46163	46127	45943	46220	45996	46157	46094	45811	100.188	
	9	46069	46134	45893	45768	46110	46183	45814	45857	46630	46229	45839	45747	100.080	
	10	46317	45762	46940	45993	45967	45934	46382	45985	45433	45988	46425	46195	100.270	
	11	45991	46269	45631	46393	45252	45716	45941	46158	46379	46483	46377	45687	100.081	
	12	45665	46068	45333	45521	46051	45656	46496	46128	45906	46333	46195	46084	99.929	
	13	46162	46098	45820	45776	45982	46059	45999	45341	46320	46138	45971	45906	99.953	
	14	46447	46394	45780	45627	45835	45579	45376	45434	45818	45571	45952	46309	99.690	
	15	46245	45670	45811	46390	45915	45607	46234	46047	45760	45983	46040	46360	100.042	
	16	45841	46236	45751	46422	46175	46926	45705	45753	46077	46228	45813	45789	100.160	
	17	46662	45976	45878	45903	45823	46152	46393	45921	46296	45709	46003	46459	100.243	
	18	46128	46392	45965	46019	45545	46710	45452	46356	46488	45544	46426	46456	100.298	
	19	45672	46150	45928	46001	45447	45499	45717	45293	45892	46085	45590	45796	99.499	
	20	46435	46297	45448	46232	45725	45825	45248	45452	45352	45668	45899	45859	99.566	
	21	45742	46034	45787	46117	45968	45493	45520	45872	45500	45701	46532	45695	99.660	
	22	45456	46605	46173	45457	46040	46344	45845	45070	45488	46136	45626	46082	99.726	
	23	44901	46101	46374	45662	46475	45511	45509	45372	45948	45960	45766	45486	99.498	

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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	46710	45796	45505	45582	45674	45695	45821	45881	46088	46041	46692	45852	99.907
	1	46182	45530	45659	45966	45811	45416	45323	46252	45524	45508	45439	45634	99.350
	2	46104	45877	45997	45682	46313	45743	45351	45766	45551	46193	45922	46192	99.793
	3	45689	45375	46505	46284	45152	45532	45522	45739	45694	45640	45533	45745	99.380
	4	45579	45673	45676	46207	46408	45887	44979	46075	45404	46371	46387	45763	99.742
	5	45191	46118	45708	46013	45845	45549	46305	45553	46224	46026	45584	46474	99.775
	6	45256	45963	45978	46019	45614	46011	45700	45594	45800	45662	46017	45515	99.510
	7	45851	45746	46216	46051	45387	46677	46419	46359	45962	46176	45709	45956	100.123
	8	45618	46170	46146	46238	45655	45748	45761	46149	45992	45708	45923	46049	99.878
	9	45758	45376	45248	45595	45971	46440	45812	45624	46250	45977	46032	45577	99.606
	10	46053	45922	46769	46445	45629	46583	45475	45933	46431	46022	46104	45805	100.242
	11	45963	46314	45565	45476	45758	46220	46099	45950	46139	45791	46188	45567	99.855
	12	46386	46314	46041	45726	46635	46122	46578	46329	46234	46113	46264	45829	100.496
	13	46258	46392	45669	45995	46277	46544	46357	46736	45822	46092	46172	45993	100.448
	14	46174	46714	45857	46435	46058	46322	45578	46476	45600	46356	46061	46314	100.382
	15	46178	46271	45893	46096	46107	46059	45873	45856	45856	46206	45793	46298	100.118
	16	46078	46142	45358	46424	45798	46354	46473	46073	45795	45845	46129	45849	100.088
	17	46770	45474	45660	45945	46421	46017	45791	46172	45927	45964	45685	46952	100.171
	18	45524	46255	45915	46288	45796	45788	45851	46059	46174	46345	45666	45758	99.925
	19	45975	46083	45624	45803	46502	45962	46183	46034	46435	46330	45666	46244	100.183
	20	45498	46017	45829	45474	46133	46023	45819	46000	46036	46202	45747	46748	99.944
	21	45928	46431	45455	46140	46190	46009	45725	46018	46665	46221	46515	46130	100.289
	22	45596	46023	46299	46812	46601	45860	46750	46816	46535	46288	46281	45900	100.712
	23	46610	46285	46097	46267	46081	45820	45806	46038	46078	46101	46215	46072	100.297
8	0	46046	45801	46345	45708	45804	47066	46273	46522	46986	46657	45841	46701	100.712
	1	46129	46598	45411	46327	45638	46770	45861	45672	45759	46044	45554	45809	99.953
	2	45787	46240	45369	46502	45417	46149	46183	46243	45977	46412	46104	46160	100.129
	3	46166	46571	46319	45471	46084	46039	45849	46090	46111	46268	46354	45904	100.252
	4	46216	46149	46338	45766	46106	45984	46170	46111	46218	46327	46107	46082	100.316
	5	46244	45271	45680	46310	46645	45812	46276	46019	46079	45975	45952	45678	100.020
	6	45925	46105	46151	46097	46007	45809	45639	46202	46214	45979	45367	46077	99.953
	7	46083	46413	45737	46145	46615	45852	45699	46230	46268	45520	46020	46295	100.189
	8	45984	46065	46361	46008	46168	46006	45936	46287	45972	45604	45828	45987	100.068
	9	46506	46209	45904	45862	46422	45596	45847	46029	45685	45871	46639	45717	100.082
	10	45916	46505	45766	46752	46695	46488	46648	46410	45329	46051	46500	45875	100.562
	11	45946	46397	46205	45998	45932	45663	46111	46399	45968	46811	45960	45245	100.145
	12	45700	46107	46067	45984	46252	46146	46625	45980	46251	45980	46034	46075	100.248
	13	46910	47089	46180	46486	45976	46035	46768	46132	46643	46237	45861	46248	100.857
	14	45840	46462	46282	46102	46254	45857	46338	46442	46415	46175	45616	45903	100.336
	15	46587	46423	45765	46104	46371	46850	46429	46161	45897	46312	46436	45929	100.622
	16	45876	46232	45995	46353	46068	45757	46461	46767	46419	46604	46154	46435	100.596
	17	45740	46844	45684	45708	46045	46335	45903	46166	45831	45959	46037	45788	100.038
	18	46255	45572	45858	46092	45980	46090	46124	46568	46007	46397	46177	46657	100.352
	19	46613	46314	46925	46004	46079	46317	46434	46486	45429	46056	46481	46217	100.638
	20	45799	46160	45624	46276	46628	46215	46275	46277	46334	45581	45895	45930	100.210
	21	46207	46593	45987	45653	46645	45716	45634	45740	46235	46169	46081	45730	100.101
	22	45685	46190	45856	46493	46073	45630	45861	46541	45911	46070	45274	45987	99.952
	23	45693	45886	45417	45788	46168	45528	46247	45207	46570	46561	46428	46166	99.969

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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	46459	46078	45744	45740	46212	46388	45753	46413	45390	45771	45924	46633	100.121	
	1	45869	45924	45920	46059	46216	46298	45956	45879	46055	45746	45759	46184	100.006	
	2	46149	45684	46607	46081	45585	45684	45398	45530	45890	45738	45816	45965	99.691	
	3	46146	46118	46000	46242	46561	46638	46657	45882	46705	46542	45852	45930	100.623	
	4	46227	45758	45394	45541	46231	46188	46290	46151	45616	45891	45924	46242	99.931	
	5	46534	45961	46774	46011	45739	45733	46165	46186	45429	45410	45617	46001	99.951	
	6	46123	46528	45816	45660	46538	46475	45746	45855	45983	45887	45790	46143	100.129	
	7	46141	46685	45822	45722	46125	46114	45595	46213	45572	45833	46343	45949	100.051	
	8	46152	46634	46030	46172	46240	46049	46125	46440	46409	46107	46468	46314	100.600	
	9	46071	46227	46284	46608	45989	46082	46229	46485	45951	45830	45927	45855	100.309	
	10	46477	45787	45811	46019	46443	46504	46263	46082	45942	46467	45761	45911	100.296	
	11	46521	45683	45728	46274	45540	45825	45894	46434	46304	46649	45995	45515	100.096	
	12	46186	46261	46374	45687	46385	46215	46251	46650	46468	45960	46838	45983	100.620	
	13	46272	45845	46203	46313	46510	45698	46055	46172	45991	46289	45777	46704	100.362	
	14	46225	46214	46146	45744	46272	46586	45971	46637	46225	45810	45922	46375	100.416	
	15	46398	46704	46747	45767	46432	45977	46358	46234	46153	46134	46263	46221	100.644	
	16	45773	45871	46368	46178	46079	46427	47016	46190	46529	46314	46236	46461	100.654	
	17	46301	46454	46052	45994	46499	46045	46376	45782	45869	46168	46300	45552	100.283	
	18	46091	46090	46438	46274	46016	46118	45536	46035	46550	46048	45986	45691	100.189	
	19	46666	46476	46420	46023	46140	45670	46941	46226	46112	46537	46676	46541	100.833	
	20	46817	46428	46201	45796	45762	46589	46444	46189	46292	46523	46156	46483	100.697	
	21	46484	46189	46516	46379	46038	45680	45816	46037	47217	45923	46271	46305	100.548	
	22	46306	46800	46340	46179	46217	46514	46131	46605	46415	46104	46235	45812	100.694	
	23	46159	45723	45690	46737	45873	46463	45816	46817	46333	45748	46089	46168	100.323	
10	0	47113	45794	46038	45406	46111	46100	45815	46522	46458	45994	46156	46112	100.324	
	1	46135	46250	46430	46492	46363	45662	46235	46395	45932	46081	46119	46111	100.430	
	2	46122	46634	45860	46036	46497	46150	46072	46091	45994	46637	46687	45649	100.470	
	3	46005	46948	46109	46067	46173	46072	46127	46297	46456	46102	46471	46556	100.643	
	4	45945	46289	46297	45965	46369	46594	46048	46511	46144	46445	45758	46729	100.591	
	5	46262	46269	46826	45917	46365	45982	46271	46353	46224	46651	46238	46506	100.730	
	6	45672	46295	46633	46685	46830	46236	46198	46564	46445	45816	46285	46030	100.699	
	7	46741	46523	46057	46346	46420	45505	46255	46786	46769	46924	46046	45716	100.772	
	8	45754	46052	46194	46349	45524	46953	46402	46437	46639	45703	46883	46205	100.591	
	9	46864	46246	46038	47016	46664	46944	46561	46214	46818	45998	46967	46863	101.334	
	10	46526	46936	46892	46634	46670	46261	46083	46403	46181	46287	46435	46609	101.103	
	11	47077	46520	45411	46410	46077	46412	46029	47342	46300	46130	46331	46790	100.906	
	12	46423	46270	46142	46162	46512	46351	46701	46755	45939	46642	46789	46654	100.998	
	13	46554	46103	46291	46939	46197	46509	46625	46453	46761	46844	46230	46216	101.067	
	14	46156	46686	47063	46122	46685	46254	47260	46349	46311	47071	46670	46750	101.367	
	15	46487	46523	46127	45921	47230	46664	46477	46207	46365	45886	46023	46331	100.799	
	16	47195	46227	46594	46552	46071	46616	46606	46913	46175	46654	46629	46706	101.288	
	17	46121	46373	46733	45938	46092	46774	46356	46989	46125	45687	46950	46355	100.844	
	18	46213	46130	46902	45648	46395	46693	47223	46327	46509	47109	46649	46789	101.224	
	19	46510	46926	47500	46922	46320	46360	45769	46445	46709	46354	46709	46730	101.345	
	20	46055	46452	46213	47178	46046	45940	46626	46620	46452	46590	46659	46158	100.934	
	21	46334	46439	46945	46168	46258	46050	46605	46760	46018	46487	45804	45620	100.662	
	22	45772	46256	46422	46349	46488	46209	46350	46787	46659	46659	46353	46836	100.963	
	23	46703	46398	46094	46101	46039	46582	46517	46343	45898	46700	45944	46521	100.726	

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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	46497	46121	47051	46264	46440	46263	45779	46593	46326	46423	46165	46070	100.759
	1	46237	46532	46391	46393	46457	46525	46295	46528	46708	45446	46650	45765	100.742
	2	46076	46404	45957	46582	46425	46734	46419	46801	45286	46131	46071	46159	100.582
	3	45624	46706	46115	46897	47073	46792	46289	46395	46505	46835	46483	46937	101.236
	4	46336	46644	46549	46277	46641	47007	46099	46640	46452	46464	45989	46285	101.006
	5	46582	46569	47142	46201	46200	46523	45922	46260	46300	46445	46353	46242	100.889
	6	46710	46536	46316	46452	46445	46553	46538	45839	46731	46060	46582	46645	101.010
	7	45906	46038	46681	46819	46132	46812	46807	46802	46992	46514	46567	46893	101.292
	8	46927	46824	46520	46667	47711	46103	46533	46008	46310	45778	46879	46107	101.184
	9	46563	46627	46663	46696	46191	46343	46714	46072	46580	46308	46804	46476	101.124
	10	46348	46308	46938	46013	46257	46640	46409	46774	46198	46106	46504	45937	100.833
	11	46948	46303	47604	46439	47021	47159	46418	47021	46459	46956	46371	46572	101.710
	12	46502	45726	46983	46821	46667	46911	46990	46901	46336	47106	46473	46295	101.428
	13	45912	46522	46750	47002	46619	46741	46251	46987	46386	46635	46475	46384	101.238
	14	46272	46145	46423	46080	46964	45499	47358	46793	46335	46225	46446	47001	101.035
	15	46681	47020	46064	46585	46326	46381	46650	46542	47031	46645	45999	46557	101.205
	16	46702	45673	46391	46821	46933	46168	46148	45979	46198	45967	46582	46600	100.785
	17	46363	46251	46523	46267	46601	46402	46515	45874	46123	46431	46287	46336	100.750
	18	46506	46917	46137	46418	46402	47116	46701	45832	46706	46546	46609	46543	101.196
	19	47029	46414	47205	46658	46008	46685	46359	46923	45755	45817	45888	46182	100.922
	20	45986	46355	46595	46833	46642	46722	46462	46655	46601	46839	46328	45863	101.096
	21	46134	46595	45928	46385	46423	46139	46339	45980	46067	46725	46444	45890	100.583
	22	46169	46390	45911	46927	46212	46049	46776	46688	46340	45715	45762	46158	100.592
	23	46374	46205	46614	46137	46386	45801	46398	46489	45818	46991	46252	46082	100.673
12	0	46410	46539	46050	46221	45993	46287	46195	46152	46687	46014	46038	46642	100.612
	1	46019	45925	46034	46561	46428	46037	45739	46018	46167	46473	45826	45590	100.178
	2	46327	46136	46288	45925	46682	46069	46741	45743	46034	46212	46360	46123	100.509
	3	45717	46513	46820	46466	46354	45899	46276	46112	45842	46223	46373	47015	100.685
	4	46138	45754	46094	46581	45969	46606	45918	46251	46529	45856	46876	46614	100.608
	5	46243	46247	46160	46282	46710	46309	46357	45804	46158	46513	45996	46903	100.698
	6	46537	46412	47078	46078	45842	46473	45715	46528	46094	46596	46354	45808	100.667
	7	46483	46394	46512	45867	46463	46202	46838	46038	46303	45936	46508	46264	100.720
	8	46649	46251	46528	46820	46422	46516	46215	46588	46059	46722	45573	46840	100.969
	9	46889	46607	45998	46715	46149	47486	46861	46673	46553	46309	46262	46318	101.266
	10	46810	46614	46167	46509	46544	46847	46115	46116	46121	46078	46929	46075	100.922
	11	46810	46792	46332	46575	46592	46561	46441	46792	46464	46642	46551	46752	101.354
	12	46541	46472	46066	46010	46748	46674	46900	46808	46104	46789	46755	46129	101.118
	13	46296	46667	45946	46499	46176	46347	46436	46325	47095	46746	46594	46150	100.987
	14	46657	45978	46361	46582	46375	46726	46417	46463	46324	46036	45976	46442	100.816
	15	46265	46741	46373	46881	46277	46574	46372	46478	46497	46391	46234	46673	101.074
	16	46297	46210	46266	46885	46205	45993	46163	46892	45951	47134	46883	46079	100.929
	17	46408	46934	46258	46433	46396	45824	46972	46336	46171	46425	46722	46164	100.944
	18	46132	46184	47151	46095	46028	46057	46633	46628	46514	46706	46398	46426	100.928
	19	45939	46730	46279	46077	46154	46320	46301	46338	46252	46001	46503	46324	100.613
	20	46732	46493	45903	46539	46099	45978	46395	46453	45802	46052	46203	45748	100.465
	21	46045	45674	45852	46844	46187	46407	46359	45851	46303	45979	46290	45742	100.308
	22	46691	45948	45700	46056	46246	45777	46030	45792	45953	45729	45812	45787	99.943
	23	46050	46491	46483	46842	45632	46293	46025	45633	45283	45880	45970	46194	100.171

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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	46149	46230	46291	45707	46574	45736	46559	46508	46110	45773	46510	45909	100.406	
	1	46418	45614	46192	46508	46615	46477	45833	46004	46830	46058	45933	45812	100.446	
	2	46236	46016	46068	46766	46209	46086	45705	45708	45966	45798	46043	45599	100.067	
	3	46272	46282	46460	45875	46018	45902	46208	45711	46608	46158	46245	45897	100.327	
	4	46086	46445	46750	46328	46038	46060	46043	46024	46594	46461	45952	46759	100.672	
	5	46391	46391	46173	46436	46262	46193	46581	45906	46326	46668	47035	46357	100.885	
	6	45845	46312	46387	46827	46814	47182	46199	46127	46127	46158	46099	46565	100.872	
	7	46375	46379	46430	46279	46810	45753	45805	46925	46544	46594	46240	46551	100.879	
	8	46275	46200	46851	46245	46265	46176	46451	46817	45994	45920	46290	45844	100.634	
	9	46179	45734	46392	46276	46257	46646	46397	46379	46326	46011	46612	46517	100.705	
	10	46171	45473	46436	45407	46328	45574	46282	46157	46599	46168	46210	46473	100.262	
	11	45678	46218	46647	46108	46448	46539	46704	46506	46653	47073	46218	46110	100.919	
	12	46534	47154	45923	46334	46549	46134	46691	46641	46168	46620	46725	46161	101.051	
	13	46636	46691	46247	46095	46470	45816	46150	46684	46496	46948	46277	47212	101.067	
	14	46665	46480	45909	46421	46811	46332	46486	46278	46662	46455	46428	46632	101.038	
	15	47307	45956	46382	45928	46924	46110	46266	46678	47201	45767	46408	46376	100.991	
	16	46297	46213	46335	46068	46164	46354	46265	46295	46322	46621	46498	46356	100.717	
	17	47052	46788	46792	46687	46394	47120	46109	46147	46187	46253	46034	46523	101.134	
	18	45542	47023	46566	46385	46679	46568	45896	46420	46572	46539	46367	46119	100.877	
	19	46924	46434	45692	46058	45958	47209	46721	46519	46550	46475	46635	46416	101.043	
	20	46102	46582	46163	46626	47160	47003	46681	46336	47166	46352	46093	46699	101.292	
	21	46618	46048	46134	46253	46083	46158	46984	45978	46193	46081	46873	46905	100.811	
	22	45898	46247	46425	46354	46164	46214	46696	46686	45784	45882	46627	46712	100.698	
	23	46290	46180	46208	45988	45745	45970	46554	46070	45923	46481	46216	46041	100.332	
14	0	46300	46136	45458	46719	46653	46426	46515	46825	45632	45860	45839	46186	100.495	
	1	46612	45869	46557	45924	46143	45966	46352	45817	46690	46421	45751	45835	100.382	
	2	45532	46404	46292	46265	46288	45593	45631	45932	45720	46264	45741	45711	99.917	
	3	45701	46240	45865	45633	46657	46105	46581	46467	46173	45581	45808	46098	100.195	
	4	45938	45898	45916	45923	46329	45703	46099	45831	46127	46465	45587	46031	100.003	
	5	46462	45951	45935	46646	45831	45648	46509	46193	46082	46417	46049	46034	100.349	
	6	45866	46348	46675	45650	46427	46385	45706	45947	46172	45892	45924	46050	100.219	
	7	46160	45689	46071	45497	46437	45839	46058	45498	46492	45811	46702	45833	100.046	
	8	46104	46111	46156	47098	45973	46660	46052	46349	45868	46025	45965	45657	100.397	
	9	45701	46118	46321	46654	45889	46108	46222	45582	45786	46141	46163	45872	100.132	
	10	45931	45803	45675	45641	46448	46341	45254	45848	46423	45648	45851	45960	99.817	
	11	46671	46329	46503	45748	45656	46445	45864	45570	46057	46148	46669	46075	100.345	
	12	46510	45685	46646	46152	46547	46115	45749	46050	46603	46425	46339	45992	100.540	
	13	46335	46241	46224	45671	45816	46766	46388	46241	45777	46169	46040	46690	100.457	
	14	46316	46423	46317	46358	46322	46836	46470	46555	46464	45795	45635	46451	100.745	
	15	45698	46375	45956	46118	46272	46385	46429	46308	46667	45565	45784	45887	100.292	
	16	46328	46662	46118	46429	46479	46209	45604	46280	46040	45849	46514	46143	100.512	
	17	46178	46707	46370	46237	46088	45954	46352	46540	45757	45406	46401	46508	100.483	
	18	46208	46400	46322	46475	45826	46183	46132	45709	46205	46481	46315	45594	100.366	
	19	45455	46228	45535	45954	46677	46376	45912	46146	45986	46349	46123	46438	100.244	
	20	46155	46742	46818	46226	46330	47349	46092	45997	46247	46401	46069	45796	100.795	
	21	45688	45889	45225	46006	45943	46391	46102	46918	45808	46218	45974	46195	100.095	
	22	46169	45852	46784	46144	46507	46241	46690	46728	46619	45830	45934	45783	100.625	
	23	46051	45850	46451	46103	46107	46183	45741	45968	45867	45580	46533	46257	100.155	

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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	45619	45540	46361	46713	46571	46064	45893	46586	45838	46024	45873	46411	100.297
	1	45749	45601	45984	46177	46179	45971	46395	46123	46060	45988	46235	46196	100.149
	2	46311	45450	46181	45707	45891	45824	46275	46296	46033	45852	46165	45585	99.953
	3	46436	46110	46234	46225	46149	45651	46211	45537	46234	46606	46467	45951	100.358
	4	45947	45931	46369	46358	46080	46361	46023	45823	45698	45134	45984	45694	99.922
	5	45205	45523	45990	45644	46544	45945	46067	46358	45641	46001	45429	46000	99.731
	6	46756	46530	46646	46869	46207	45966	46394	46010	46275	45878	46193	46028	100.710
	7	45650	46043	45746	46024	46094	46062	45605	46071	47383	46255	45905	46275	100.232
	8	47286	46345	46011	45551	46340	47097	46510	45596	46659	46206	46161	46539	100.809
	9	45705	46845	45942	46372	46333	46459	46351	46095	46178	46565	45660	46300	100.538
	10	46431	45709	45348	45581	45877	46034	45742	45526	45960	46493	46105	45950	99.805
	11	46089	46449	46093	45341	45543	46055	45643	45898	46321	46952	46485	46529	100.285
	12	46701	45847	46399	46192	46445	47046	46330	46256	46321	46111	45350	46574	100.678
	13	46813	46694	46518	46453	46415	46232	46506	46601	46529	46528	46209	47132	101.232
	14	45631	46149	45398	46527	46661	46257	46510	46203	46632	46204	46584	46126	100.552
	15	45956	46384	46778	46493	46370	46305	46372	46698	46582	46673	46522	46202	100.997
	16	46369	46398	46596	46434	46505	46422	46679	46788	46578	46564	45920	46166	101.012
	17	46470	46466	45772	46109	46362	46431	46970	46504	46620	46838	46599	45844	100.934
	18	45652	46442	46310	46135	46089	46690	46053	45452	46092	46382	46096	45966	100.276
	19	46327	45847	46032	46333	46314	46092	46136	46060	45963	45646	46896	45901	100.310
	20	46193	46231	46145	46509	46638	45422	45888	46025	45849	45970	46557	46239	100.332
	21	45674	45788	46184	46009	46208	46204	46280	46061	46279	46165	46519	46530	100.375
	22	45470	46107	46015	45443	46257	46220	46245	46695	46233	46559	46165	46764	100.425
	23	46067	46253	45854	46130	47091	46455	45602	46481	46413	45846	46004	45608	100.357
16	0	45890	46056	46534	45373	46273	46435	46148	46268	46158	46177	45734	45841	100.187
	1	46340	46337	46513	46126	47171	46119	46151	46264	46038	46433	46319	46261	100.768
	2	45972	45448	45950	46078	46353	45502	45575	46414	45822	45946	46248	45730	99.856
	3	45857	45900	46201	46454	45823	45888	45604	46365	46301	46259	46429	45774	100.185
	4	45890	45886	46000	46321	46087	45686	46981	45649	46148	46070	46054	45467	100.074
	5	46074	46071	45894	45986	46514	46120	46481	46237	46478	46157	46489	46668	100.604
	6	46242	46080	46314	46532	46414	46306	46583	46454	45776	46348	45868	45993	100.558
	7	46409	45778	46582	46231	46519	46087	46300	47139	46024	46534	46092	46151	100.727
	8	46175	47298	46001	45875	46689	46381	46827	46108	46264	46005	46387	46226	100.798
	9	46363	46089	47130	46614	46039	46506	46383	46735	46540	45911	46105	46785	100.973
	10	46434	46622	46748	46786	46389	46228	46262	46498	46596	46970	46194	46298	101.122
	11	46796	45901	46805	47060	46569	46393	46846	46397	46088	45901	46439	46995	101.152
	12	46737	46297	46811	46380	46167	45858	46161	46139	46116	46267	46532	46591	100.765
	13	47412	46939	46200	46843	46278	47062	46799	46334	46447	46503	45934	45833	101.223
	14	46075	46230	46529	46380	46615	46995	46199	46694	46364	46567	45997	46846	101.025
	15	46920	45913	46813	46718	46228	46428	47013	46228	46462	46706	46498	46472	101.189
	16	46869	46410	46534	46403	46590	46369	47082	46520	46406	46906	46185	47564	101.451
	17	46293	46500	45698	46282	46332	46162	46587	46578	45853	46146	46278	46148	100.548
	18	46013	46524	46624	46323	46095	46578	46152	45763	46678	46351	46490	46106	100.700
	19	45967	46102	46302	46718	46496	46866	46973	46652	46253	46428	46271	46537	101.039
	20	46258	46292	46032	46831	46640	46630	46537	46557	46377	46841	46527	46441	101.111
	21	46924	46276	46584	46400	46489	46315	46828	46002	46319	46723	45928	45804	100.862
	22	46193	46610	46115	46607	46327	46300	46951	47139	46278	45642	46214	46311	100.880
	23	46140	46794	45636	46039	46212	46519	46311	46381	46075	46220	46163	45964	100.475

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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	46635	46791	46364	46610	46250	45803	46579	46368	46368	46676	46130	46931	101.029
	1	46118	46619	46650	45802	46177	46326	46477	46310	46503	46306	47138	45869	100.809
	2	46137	46251	46345	46611	46246	46602	45869	46288	46131	46276	47031	46291	100.769
	3	45699	46811	46198	45907	46411	46405	46617	46104	46004	46207	46127	46279	100.532
	4	46163	46169	46583	46442	46608	45871	46282	46553	46400	46162	46250	46356	100.726
	5	46118	46265	46697	46295	46454	46770	46377	46336	46349	46398	46409	46086	100.855
	6	46610	46520	46497	46744	46495	46301	45673	46192	46190	46835	46337	46271	100.875
	7	46405	46714	45705	46536	46647	46745	46543	46261	46255	46654	45985	46211	100.875
	8	46203	46104	46265	46178	46903	46531	47254	46784	46942	46574	46678	46808	101.339
	9	46706	46230	45797	46486	46374	46344	46588	45547	45733	46634	47051	46399	100.736
	10	46300	46258	47589	45828	46650	46580	46628	46116	46495	46390	46438	46799	101.131
	11	46821	46221	46450	46047	46492	45937	46536	46506	46256	46289	46394	46359	100.811
	12	46898	46610	46303	46900	45813	46730	46558	46798	46804	46528	46641	46235	101.266
	13	45974	46423	46835	46119	46520	46563	46253	46241	46230	46213	46494	45993	100.729
	14	46657	46038	46707	46952	46439	46208	46018	46627	46207	46803	46464	46047	100.966
	15	46580	46510	46788	46438	46512	46611	46267	46513	45764	47198	46805	46569	101.219
	16	46099	46565	46125	46489	46421	46025	46352	46406	46250	46480	46300	46418	100.743
	17	46556	46352	45751	46110	46879	46359	46470	46743	46068	45894	46835	46175	100.790
	18	46073	46312	45991	46242	46142	46368	46022	46384	46535	45918	46459	46379	100.543
	19	46211	46354	46287	46162	46734	46427	46857	46283	45904	46083	46306	46731	100.817
	20	46076	46743	46414	46090	46528	45779	46027	46492	46686	46054	46361	46246	100.664
	21	45883	46232	46471	46198	46703	45894	46204	46126	46839	46044	46245	46531	100.642
	22	46319	46329	45993	46167	46672	46405	46205	46024	46814	46381	46389	45955	100.693
	23	46518	46411	46710	46064	46019	46283	46182	46781	46164	46251	46078	46440	100.737
18	0	45915	46035	46885	46096	46271	46384	46109	46311	46328	45659	46143	46028	100.411
	1	46193	46166	46235	45893	45684	46017	45940	45770	46552	45658	45668	46192	100.024
	2	45674	46256	46728	46933	46632	46211	46185	45504	45949	45352	46183	46349	100.386
	3	46077	45998	45996	46769	45959	46543	45834	46296	46393	45521	45804	45893	100.227
	4	45742	46187	45676	46263	45620	45575	45797	45566	45566	46000	45721	45613	99.546
	5	46228	45801	45731	46112	45846	45601	46133	46442	45890	46485	45605	45994	100.007
	6	45319	46314	46143	46208	46852	46674	46485	46157	45379	46143	46229	46282	100.426
	7	45875	46076	46746	46372	46022	46087	45871	45951	46510	45583	46022	46476	100.319
	8	46063	45489	45927	46724	45980	46214	46046	45634	45581	45937	45836	46089	99.943
	9	45716	46652	45650	46403	46027	46145	45830	46016	46970	46083	45499	45847	100.182
	10	46464	46635	46776	46545	46035	45796	45877	46648	46148	46297	46496	46532	100.800
	11	46026	46391	46124	46160	46239	45868	46460	46000	46260	46123	45804	46046	100.303
	12	45925	46828	46032	46065	46247	46497	46309	46679	45916	46643	46427	46354	100.741
	13	46446	46429	45777	46396	46438	46208	46158	46819	45684	46720	46216	46620	100.739
	14	45745	46179	46024	46121	45916	46082	45874	46376	46491	46622	46522	46627	100.497
	15	46249	46382	46677	46246	46414	45933	46242	46185	46183	45906	46477	46250	100.601
	16	46232	46555	46128	46004	45996	46213	46457	46563	45452	46420	46446	46078	100.492
	17	46318	46090	46425	46478	46490	46795	45683	45960	46533	45971	46294	46076	100.594
	18	46305	46264	46386	46426	46523	46282	45869	45765	45911	46370	46428	45718	100.438
	19	45944	46012	45967	45795	46602	46239	45557	46477	45220	45786	46264	46029	100.011
	20	45385	46185	46107	45763	45924	46110	46037	46172	46022	45936	46211	45772	99.962
	21	45599	46037	46275	45949	45930	45975	45847	45850	46402	46012	45379	46143	99.921
	22	46182	46025	46577	45665	46044	46006	45192	45794	45124	45934	45993	45959	99.758
	23	46525	45267	46055	45658	46288	46118	45956	46236	45876	46058	45827	46137	100.030

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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	46104	46245	45765	45662	45766	46055	46029	45928	45702	46097	46190	46761	100.087
	1	46377	45972	46221	46393	46230	45405	45921	46299	46197	45837	45742	45792	100.100
	2	45530	46016	46582	45315	46157	45633	46014	45927	45692	45603	45960	45994	99.744
	3	46304	46281	45734	46026	46156	45649	46030	46043	46264	46168	46301	45950	100.194
	4	46236	46049	46203	45900	45930	45684	45904	45975	46386	47009	46145	45728	100.239
	5	45792	46490	45491	45701	45952	45994	45922	45994	45973	45687	45669	45479	99.694
	6	45952	46214	46182	46089	46170	45284	45966	45922	45625	45871	46181	45893	99.912
	7	45731	46494	46468	45643	46256	46138	46325	46094	45792	46109	46479	45857	100.281
	8	45943	46195	46072	45881	46304	45153	45954	46498	46032	46310	45943	46313	100.139
	9	45581	45888	46374	45839	46233	46231	45870	46698	45866	46247	46418	45468	100.159
	10	46230	45965	46188	45947	46091	46072	46158	46400	45836	46529	46066	46407	100.373
	11	46036	45780	46456	45884	46624	46690	46001	46249	46077	46391	47027	46135	100.638
	12	46514	46016	45917	46602	46621	45872	46392	46389	46057	46140	45576	46735	100.543
	13	46565	46945	46429	46130	46674	46192	46400	46026	46553	46742	46486	45601	100.890
	14	46141	46436	46488	46498	46044	46349	46456	46385	46125	46137	46544	46053	100.693
	15	46409	46417	46426	45950	45919	45814	45917	45985	46957	46455	46570	46263	100.589
	16	46476	46046	46212	46322	45969	46011	46583	46467	45877	46715	46724	46495	100.737
	17	46274	46389	46133	46087	46503	45952	46538	46072	45821	46098	46202	46897	100.568
	18	46186	45826	46003	46263	46427	46236	46538	46148	46572	46333	46223	46685	100.654
	19	45902	46227	46309	46348	46301	46607	46651	45896	46543	46000	46298	46174	100.620
	20	46547	46593	46216	46482	46130	45449	46213	46598	46253	45624	46667	46106	100.552
	21	45854	45739	45989	46437	46405	46291	45770	46407	45744	45645	45933	45932	100.056
	22	46600	45660	45583	45590	45637	46507	45765	45900	46238	46196	45842	45664	99.882
	23	45842	46124	45787	45982	45590	45610	45853	46362	45936	46084	45735	46084	99.847
20	0	45573	46240	46467	46354	45645	45873	45958	45479	45860	46520	45832	45930	99.979
	1	45853	45746	46065	46260	45608	46177	46102	46236	45821	46224	46151	46122	100.096
	2	45969	46148	46058	45930	46052	46343	46053	46314	46548	45664	46094	46128	100.266
	3	46142	45754	45837	46222	46249	46290	46201	45706	46196	46324	46754	45956	100.326
	4	45840	45691	46545	46168	45983	45999	45729	45981	46185	46091	45813	45494	99.943
	5	45722	46302	46079	46196	45843	46191	45555	46210	45945	46023	46603	46457	100.234
	6	46044	46190	45583	46480	46208	46307	46536	45400	45934	45940	46207	45874	100.158
	7	45173	46150	46721	45875	46196	46742	45825	46212	46185	46572	45953	45752	100.276
	8	45753	45752	46626	46132	45497	46396	46696	46793	46379	46228	46399	46407	100.584
	9	46196	46328	46214	45967	45941	45798	46732	46546	47060	46414	45959	45716	100.551
	10	46264	46078	46067	46112	46337	46475	46129	46098	46051	46814	46023	45958	100.466
	11	45824	45927	46494	47368	46532	46472	46714	46191	46197	46569	46789	46065	100.962
	12	47362	46503	46174	46541	46189	46390	46842	47672	46159	46531	46868	46305	101.396
	13	45817	46480	46604	47446	46116	46059	46496	46843	46637	46356	46922	46405	101.150
	14	46564	46536	47099	46546	45833	46364	46771	46598	46268	45802	46643	46317	100.999
	15	46082	46413	45889	45897	46018	45668	45956	46328	46289	46562	45998	46991	100.409
	16	45544	46381	46522	46089	46576	46135	46290	46094	46426	45919	46177	46083	100.436
	17	45780	45844	45905	46369	46183	45384	45691	46416	46130	45580	45964	46067	99.905
	18	46015	45735	46098	45961	46102	46368	46159	46485	45635	45734	46183	45696	100.062
	19	46025	45942	45385	45924	46068	45484	46221	45272	45805	45605	46639	45998	99.734
	20	45739	45859	45957	46182	45647	45756	46145	45689	45990	45791	46066	46184	99.850
	21	46007	46372	46139	45692	45300	45809	46257	45920	46125	45367	46164	46186	99.911
	22	46397	46027	45992	45657	46059	46120	46016	45979	45755	45881	46146	45649	99.972
	23	45492	45433	46087	46769	46110	45790	46178	46110	45991	46270	45965	46078	100.080

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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	45754	46165	46136	45872	45380	45826	46110	44971	45911	45403	46073	46155	99.628
	1	46099	45962	45462	46065	46064	46258	45962	46200	45762	45067	45890	45637	99.746
	2	45523	45760	45465	45860	45997	45651	45956	45906	45993	46467	45835	45276	99.612
	3	46055	45848	46004	46361	46195	45259	45175	46548	46360	46542	45571	46115	100.036
	4	45963	45901	46311	46271	45832	45740	45986	46311	45800	45565	45946	46084	99.978
	5	44995	45957	45850	45608	45647	45847	46143	46222	45748	46072	45743	45516	99.550
	6	46081	45763	46010	46304	46493	46368	45970	45396	46346	45866	45810	46060	100.115
	7	46114	45925	46106	46335	46221	46014	45964	46785	46663	46298	45951	46796	100.605
	8	46388	45894	46539	46229	46141	46555	46248	46372	46182	45849	46206	46429	100.580
	9	45936	46661	45813	46547	45792	46218	46508	46391	46581	46374	46227	46160	100.611
	10	46077	45932	45862	46706	45838	46404	46440	46410	46028	46313	46155	46342	100.485
	11	45957	45745	46402	46316	46670	45963	46261	46456	47135	46637	45978	46487	100.757
	12	46197	46465	46196	45843	46740	46556	45743	46044	47086	46514	46925	46398	100.883
	13	46239	46622	46407	45990	46263	46429	46506	46659	46275	45914	46367	46355	100.760
	14	46427	46431	46436	46092	46480	46324	46835	46215	46533	46283	46167	45912	100.780
	15	46283	45878	46539	46181	46417	46428	46560	47316	46944	45981	46459	45863	100.909
	16	46520	46754	46140	46821	45971	46535	46529	46580	46737	46390	46440	46309	101.068
	17	46136	47125	45942	46486	46394	46051	46279	45593	46142	46519	45637	46602	100.557
	18	46512	46551	45867	46460	46330	45873	46795	47031	46256	46037	45791	46352	100.729
	19	46626	46229	46328	46149	45725	46074	46311	46522	45997	46249	45836	46789	100.544
	20	46402	46218	46382	46380	45957	46392	46222	46139	46345	46199	46035	46019	100.518
	21	46389	46193	45967	46250	46100	45502	46190	46223	45601	46210	45778	45490	100.011
	22	45970	45971	46286	46090	46202	46513	45959	46645	46319	45947	46499	46268	100.514
	23	45960	46381	46395	46748	45870	45954	45589	45507	45844	46043	46025	46132	100.111
22	0	46596	46332	45601	46067	46319	46102	46210	46124	45982	46372	46041	45292	100.219
	1	46518	45686	46267	45924	45708	46317	45658	45879	46390	46445	46339	45972	100.230
	2	45593	46076	45956	46022	46492	46008	46252	46190	46322	45870	45988	46152	100.197
	3	46505	45992	45953	45977	45935	46210	46105	46112	46196	46024	45738	45610	100.095
	4	46579	46164	46360	46428	45736	46322	45644	46212	46303	46104	45893	45831	100.316
	5	46651	45723	45815	45405	46316	46565	46388	45897	46317	46344	45792	45608	100.179
	6	46467	46459	46565	45608	46488	46446	46451	45867	46225	45943	46221	46110	100.547
	7	46390	46538	46087	46393	46739	45916	45771	46621	46257	46160	46215	45982	100.587
	8	46191	46058	46187	46410	46568	45247	46477	46508	46242	46510	47070	46347	100.721
	9	46551	46640	46457	46417	46241	46800	46153	46163	46047	46615	46154	46615	100.910
	10	46465	46529	46599	46399	46665	46319	46295	46533	45868	46585	46482	46912	101.054
	11	47159	46618	46664	46246	46260	46286	47347	45838	46672	46392	46284	46930	101.244
	12	46942	46506	46377	46223	46548	45598	46343	46754	46248	46705	46507	46982	101.069
	13	46718	46665	46458	45995	46848	46734	46900	46537	46152	46675	45882	46062	101.050
	14	46214	46293	46511	46224	46226	46366	46202	46217	46192	45861	46311	46094	100.521
	15	46513	46333	46356	46679	46295	46336	46325	46047	45718	45658	46345	45998	100.502
	16	45791	46407	45803	47022	45974	46569	45945	46784	46352	46550	46474	46385	100.765
	17	46499	46095	46483	46167	46234	46531	46245	46888	46552	46145	46262	46225	100.814
	18	46083	46101	45921	46075	45519	45973	46442	46635	46350	46087	45997	46151	100.272
	19	46421	46042	45891	46165	46770	45788	46955	46277	45711	45988	45868	46970	100.546
	20	46431	46414	46327	45762	45984	46795	45808	46186	46144	46211	46780	45934	100.533
	21	45441	46116	45608	46051	46164	45905	45956	45915	46608	45696	45889	45935	99.900
	22	45725	46315	45795	45768	46663	46240	45918	45985	46031	46524	45663	46149	100.171
	23	45869	46349	45850	46414	46088	46007	46206	46501	45764	45975	45758	46433	100.250

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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	46157	45569	46180	46224	45362	45965	46428	45951	45809	46161	46594	46379	100.164
	1	46203	45702	46308	46302	45994	45747	46137	45873	45874	45223	45469	46566	99.921
	2	46405	46292	46205	45935	45736	45850	46199	46175	46012	46229	46317	46569	100.379
	3	46426	45946	46258	46767	46248	46315	46432	46209	46130	45916	46224	46311	100.607
	4	46198	45366	46095	46114	46331	46371	46310	46460	45901	46734	45908	46237	100.397
	5	46554	46282	46200	45668	46285	46936	46473	46313	46971	46997	46149	46464	100.989
	6	46391	46166	45593	46871	47059	46111	45892	45602	46141	45718	45957	46338	100.364
	7	45863	46515	45977	46225	45737	46967	45619	46638	47003	45839	46361	45890	100.507
	8	46833	46410	46214	46422	46620	46247	46491	46070	46379	46347	46665	46428	100.959
	9	46639	46342	46754	46206	46662	45858	46235	46558	46303	45914	46550	46361	100.824
	10	46386	46404	46412	46460	46964	46404	46653	46683	46364	46968	46316	46925	101.289
	11	45574	46776	46690	46754	46611	46567	47015	46450	47130	46681	46667	46569	101.387
	12	46763	46753	46559	47094	47453	46755	47174	45968	47203	46571	46338	46527	101.690
	13	46703	46623	46351	46214	46368	46528	46879	46657	46449	46446	46330	46470	101.121
	14	46794	45696	45947	46464	46465	46584	46673	47191	47005	46654	46317	46346	101.143
	15	46299	47156	46281	47369	46225	46574	46189	46832	46138	47297	46945	46751	101.490
	16	46760	46597	46193	46706	46770	46399	46204	46627	46798	46876	46959	46679	101.402
	17	46660	45988	46634	46511	46240	46189	46146	46599	46376	46402	46695	46251	100.881
	18	46387	45922	46812	46439	46321	46559	45456	46400	45932	46539	46164	45972	100.557
	19	46165	46309	46126	46020	45628	46235	46260	46257	46277	46399	45604	46322	100.321
	20	46375	46138	46644	46074	46466	46381	45928	46269	46169	45695	45681	46491	100.449
	21	46432	46680	45707	46328	46332	46714	45476	45719	45704	46689	46044	46067	100.374
	22	46067	46353	45978	46371	46118	46583	45724	46095	45959	46157	46035	47035	100.479
	23	45991	45839	46265	46296	46181	45989	45763	46218	46498	46354	46050	46671	100.414
24	0	45152	46124	45546	46357	46221	45886	46164	46478	46239	46337	46117	45754	100.089
	1	46317	45544	46392	46056	45867	46420	46499	46079	45934	46275	46149	45965	100.302
	2	46142	46358	46283	46294	46472	45739	45820	46468	46856	46206	46231	46120	100.572
	3	46486	46627	46495	46104	46845	46137	45689	45759	46164	46377	45981	46199	100.549
	4	46183	46380	46115	45724	45947	46267	46136	45931	46576	45775	45955	46129	100.232
	5	46471	46286	46395	45657	46238	46127	46362	46819	46452	46746	46578	45949	100.770
	6	46382	45815	46549	45870	46111	46012	46274	46469	47247	46378	45961	46073	100.599
	7	46315	46552	46676	45633	46227	45747	46396	46790	46456	46285	46507	46199	100.716
	8	46068	46448	46627	46447	46985	46380	46391	46196	45929	46264	46685	47011	101.015
	9	46659	46348	46393	46159	46917	45823	46836	46703	46181	46223	45926	46685	100.910
	10	46281	46203	46152	46565	46290	46155	46067	45848	46582	46254	47477	46416	100.808
	11	46915	46603	46231	46730	46824	46911	46238	46031	46934	46770	46475	46492	101.326
	12	46665	46491	46760	47783	46639	46233	46494	46666	46492	46812	46318	46662	101.483
	13	46722	47177	46526	47067	47054	46724	46591	46760	46340	46331	47049	46581	101.647
	14	46961	46348	46812	46675	46816	46595	45971	46847	46156	47017	46583	46664	101.380
	15	46413	46543	46106	46646	46518	46586	46006	46618	46677	46762	47083	46366	101.176
	16	46623	46634	46391	46839	46256	46141	46768	46814	46476	46732	47219	46792	101.423
	17	46570	46193	46316	46389	46966	46801	46366	47045	46169	46034	46527	46431	101.083
	18	46179	46395	46296	46136	46854	46465	46373	46435	46771	46619	46414	46329	100.985
	19	46230	46337	45606	46348	46377	46211	45994	46060	47212	45738	46316	46558	100.571
	20	46193	46398	46164	46640	46244	46949	46784	46307	45790	45878	46006	46700	100.765
	21	46357	46504	46302	46664	45535	45985	46518	46051	46429	46418	46655	46710	100.778
	22	46426	46363	46259	46622	46666	45939	46063	46137	46138	45948	46577	46757	100.736
	23	46533	45891	46164	46040	46162	46332	46622	46202	45861	45664	46385	46872	100.525

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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	46462	46765	46402	47075	46824	46433	46003	46124	45567	46358	46615	46693	101.003	
	1	46631	46510	46648	46495	46514	46332	46307	46398	46079	46174	46224	46232	100.854	
	2	46193	46277	46355	46661	46217	46365	46756	45970	46071	46641	46263	46474	100.799	
	3	46242	46477	46039	46462	45992	46501	46912	46505	46401	46226	46416	46117	100.808	
	4	45984	46464	46622	46389	46287	46218	46530	46532	46798	46261	46166	46020	100.805	
	5	46745	46570	46850	46674	46706	46529	45866	46053	46894	46529	46346	46154	101.103	
	6	46860	46471	46481	46393	46288	46634	46660	46440	46413	46325	46228	46767	101.111	
	7	46000	46408	46327	45868	46161	46061	45861	46303	46088	46646	46656	46500	100.551	
	8	46745	46412	45999	46020	46360	46948	46214	46734	46821	46755	46143	46914	101.129	
	9	46525	45947	46511	46493	46020	46320	46604	46500	46535	46592	46556	46825	101.014	
	10	46193	47002	46867	46803	46182	46495	46516	46376	46286	46603	46496	46698	101.211	
	11	46775	46340	46525	46419	46774	46514	46608	46559	46817	46631	47235	46779	101.476	
	12	46483	46949	47031	47087	46709	45939	46547	47061	46575	46771	47013	45750	101.464	
	13	46718	46871	46109	46227	46818	46808	46352	46084	47511	46672	46385	46886	101.379	
	14	46335	46839	45855	46635	46591	46767	46526	46418	46704	46185	46367	45982	100.973	
	15	46393	46841	46248	46055	46658	46520	46433	46305	46986	46355	46776	46228	101.081	
	16	46381	46592	46265	46311	46718	46258	46236	46394	47059	46696	46438	46423	101.076	
	17	47752	46595	46612	46059	46771	47166	47186	46430	46930	46590	45757	46423	101.530	
	18	46822	46407	46936	46431	46168	46894	46615	46296	46608	45989	46106	46480	101.073	
	19	46384	46105	46375	46206	46393	46450	46611	46295	46823	46738	45670	46320	100.822	
	20	46319	46150	46055	46946	46265	46299	46608	46052	45983	46272	46207	45729	100.553	
	21	46295	45621	46366	46432	46314	46251	46636	46576	46108	45700	45425	45905	100.326	
	22	46457	45708	46417	46394	47041	46869	45644	47423	46392	46241	46095	46702	101.006	
	23	46269	46826	46382	46580	46687	45715	46979	46129	45915	45487	46016	46357	100.636	
26	0	46088	46034	45865	46439	46207	46166	45895	45870	46626	47000	45988	46488	100.514	
	1	46042	46698	46300	46070	46324	46928	46649	46585	45920	46716	46998	46714	101.107	
	2	46316	46646	45919	46438	46176	46493	46135	46139	46816	45990	45654	46507	100.615	
	3	45798	46257	46759	45896	46926	46888	46747	46479	46965	46336	46063	46035	100.963	
	4	46444	46268	46550	46253	46209	46661	45885	46333	46918	46461	45781	46151	100.740	
	5	45986	46594	46779	46725	46110	46008	46362	46429	46801	45832	45852	46224	100.701	
	6	46393	46204	45764	46658	46786	46025	46602	46210	46284	46447	46473	46636	100.842	
	7	45492	46268	46245	46394	46311	46753	45959	46203	46120	46086	46266	46423	100.487	
	8	46590	46104	45628	46245	46246	46251	46924	46338	46066	46553	46506	47017	100.839	
	9	46041	47141	46205	46343	46640	46232	46396	46635	46249	47183	46395	45841	100.991	
	10	46441	46047	46499	46135	46554	45884	46735	46181	46748	46547	46483	46708	100.930	
	11	46645	46593	46596	47118	46267	46038	46843	46642	46275	47027	46708	46650	101.371	
	12	46141	46795	46500	46589	46449	47232	46859	46767	46586	46771	46248	46973	101.464	
	13	47120	46148	46774	47080	46552	47054	46833	46846	46468	47317	46487	46535	101.700	
	14	46757	46488	47047	46950	46277	46639	46223	46568	46913	46652	46622	46333	101.384	
	15	47154	46334	46526	46177	46773	46025	46319	46420	46273	46018	45890	46835	100.891	
	16	46701	46618	46160	46546	46262	46369	46482	46483	46772	46899	46299	46282	101.095	
	17	45945	46467	46663	46869	46426	46232	46504	46315	46395	46381	46225	47106	101.032	
	18	46396	46597	46283	46894	46879	46377	46322	47143	46795	46532	46891	46688	101.443	
	19	46891	46658	46042	46413	46961	46609	45980	46198	46322	46150	46230	46173	100.869	
	20	46275	46668	46262	45528	46486	46852	46184	45771	45837	46640	46033	46733	100.623	
	21	46278	46215	45479	46443	46764	46379	45852	45649	46524	46548	45965	45947	100.401	
	22	46172	46179	46278	45423	46288	46449	45868	45809	45728	46298	46464	46204	100.240	
	23	46171	46137	46462	46032	45785	46809	46257	46471	46155	46833	46760	46614	100.843	

INAF/UNIromaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data - December 2010											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	46399	46121	45861	46470	46058	46694	46769	47530	46148	46553	46968	46416	101.120
	1	46297	46623	45458	45764	46183	46258	46657	45956	46177	46511	45887	46355	100.415
	2	45968	46649	46638	46239	45874	45922	47194	46415	46926	46225	46559	45787	100.827
	3	46747	45912	46612	46428	46303	46507	46438	46313	46194	45997	46281	46026	100.711
	4	46800	46733	45721	46749	46020	46166	46685	46022	46084	46100	46441	46271	100.718
	5	47041	46637	45924	46451	46157	46483	46006	45945	46654	46645	46479	46070	100.845
	6	45933	46200	46448	46407	45976	45674	46329	47445	46337	46817	46500	46934	100.936
	7	46783	46405	46580	47004	45960	46216	46100	46679	46709	46041	46649	46289	101.012
	8													
	9		46501	46501	46408	46352	46793	47220	45871	46936	46601	46284	46575	101.220
	10	46296	46160	47061	46028	46928	46369	46338	46091	46471	46571	46013	46703	100.942
	11	45913	46302	46313	46474	46760	47308	46750	46268	46193	46408	46322	46377	101.007
	12	46626	46386	46270	46993	46560	47076	47148	46593	46365	45918	47017	46876	101.449
	13	46648	46786	46780	45589	46775	47111	46305	47081	46531	46500	47060	46511	101.421
	14	46330	47296	46410	46335	46630	46664	45957	46509	46205	46321	46554	46925	101.142
	15	46738	46854	47022	46455	46463	46523	46515	46781	46794	46757	46091	46768	101.437
	16	46208	46596	45880	46046	46921	46851	46351	46497	46256	45908	46698	45759	100.750
	17	46610	46288	45732	45797	46066	46585	46923	46565	46448	46684	46324	46143	100.785
	18	46380	46235	46532	46286	46216	45816	46036	45971	46628	46365	46682	46354	100.665
	19	46656	46505	46341	46342	46487	47167	46422	46139	46577	46424	46773	46033	101.093
	20	46275	46027	46122	46218	46085	46379	46392	46381	46548	46032	46795	45740	100.573
	21	46277	46198	46538	46034	46399	46256	46190	46252	46126	46673	46808	46638	100.826
	22	46022	45879	46578	46151	46504	46433	46482	46038	46603	46021	47012	46675	100.827
	23	47105	45994	46090	47024	46989	46660	47068	46584	46416	46824	46395	46565	101.428
28	0	46897	46999	46063	46113	45843	45746	46238	46108	47137	46188	46342	46329	100.764
	1	46827	46174	46478	46469	46487	47424	46633	46888	46463	46344	46463	46714	101.364
	2	46564	46589	46631	46285	46684	45969	46114	46262	46544	46072	46396	46577	100.879
	3	46552	46331	46804	45974	46576	46327	46566	46033	46379	46298	46439	46626	100.919
	4	46513	45945	46340	45825	45489	46182	46117	46033	45769	46310	46430	46547	100.302
	5	46137	45778	46878	45883	46685	46093	46064	46252	45983	46500	46970	46723	100.745
	6	46342	46505	46436	45713	46180	46466	45933	47339	46632	46171	46510	45984	100.794
	7	45710	46270	46225	47053	45834	46370	46450	46620	46093	46177	46244	46797	100.726
	8	46098	46421	46660	46480	46043	46507	46515	46080	46343	46626	46167	45715	100.693
	9	46493	46357	45707	46003	46450	45738	46378	46332	46308	46678	46285	46461	100.609
	10	46358	46796	46290	46396	45847	45478	46891	46102	46456	46237	46440	46567	100.729
	11	46140	46367	46328	46031	46441	46457	46469	45492	45526	46339	46210	45973	100.351
	12	46377	46062	46267	46041	46615	46801	45908	46410	45728	46240	46699	46613	100.712
	13	46293	46387	46374	46260	46875	46344	46156	46234	46127	46362	45982	46237	100.688
	14	46322	46217	46405	46361	45926	45639	46405	46308	46620	46516	45902	46725	100.637
	15	46291	46279	46270	46679	46709	46000	46373	46147	46784	46379	47158	46676	101.071
	16	47016	46330	46820	46241	46827	46489	46548	46675	46416	46016	46445	46069	101.098
	17	45981	45718	46468	45916	45867	46929	46541	46950	45893	45741	45603	46126	100.344
	18	46441	46922	45841	46136	46158	45993	45888	45766	46030	46409	45702	46225	100.304
	19	46001	45744	46131	46094	45650	46112	46090	46076	46755	45922	45915	46402	100.192
	20	46374	45486	46343	46349	46252	46575	46179	46731	46356	45713	45949	46849	100.602
	21	46238	46059	46264	46204	46499	46948	46055	46110	46332	45871	46410	46570	100.675
	22	46607	46378	46350	46687	45637	46291	45681	46163	46452	45624	46259	45975	100.411
	23	46014	46252	45708	46825	45287	46255	45580	46140	46095	46324	45970	45902	100.094

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
29	0	46180	45866	45556	46055	46488	46748	46395	46445	46198	46102	46657	46596	100.629
	1	46078	45674	45651	46090	46039	46029	46149	46181	46055	45984	47125	46127	100.244
	2	46181	46664	46607	45657	45998	46337	46667	45917	45967	45356	45975	45808	100.236
	3	45896	46701	46793	45712	46547	46215	46099	47205	46360	46135	46009	45845	100.668
	4	46487	46644	46172	45971	46777	46132	46715	45962	45878	45672	46896	46891	100.791
	5	46229	46074	45925	46529	46065	46064	46091	46390	45968	45917	46601	45904	100.349
	6	46256	46040	45811	46832	45789	46465	46390	46542	45771	45713	45891	46736	100.435
	7	46677	46653	46559	46869	46301	46349	45296	46238	46459	46689	46591	46025	100.883
	8	46449	46620	46150	45579	46453	46623	46366	46922	45959	46325	45957	46386	100.717
	9	45170	45615	46559	46315	47358	46357	46429	46472	45984	46784	46334	46180	100.675
	10	46768	46591	47177	46209	45640	45955	45210	45824	45766	46146	46302	46670	100.440
	11	45722	46827	46698	46388	46506	47089	46061	46792	46067	46113	46113	46657	100.942
	12	46558	46451	46909	46487	46912	46625	46532	46926	46017	46641	46077	46890	101.304
	13	46598	46815	46552	46931	46576	45860	46439	46047	46371	46451	46546	46302	101.025
	14	46457	46688	46465	46192	46213	46180	46295	46283	46136	45797	46838	46026	100.677
	15	46091	46425	46511	46324	46393	45907	45540	46386	46429	46187	46325	46517	100.580
	16	45848	46193	46574	46221	46212	45896	46412	47102	45913	46190	46104	46055	100.523
	17	46349	45943	46200	46329	46177	46560	46524	46190	46088	46174	46249	46391	100.605
	18	46452	46393	45903	46209	46414	45982	45942	45971	46355	46503	45992	46092	100.430
	19	46248	46064	46704	46111	45963	46206	46829	45861	46198	46267	46277	45990	100.523
	20	45543	46475	46630	46102	46315	46006	46368	45967	46276	45401	45774	46117	100.207
	21	46561	46333	45942	46273	46139	46241	45980	46622	46092	46483	46193	45647	100.485
	22	46237	46042	46173	46373	46317	46011	46214	46025	46231	46367	46670	45982	100.509
	23	46569	46507	46492	46039	46467	46704	45891	46074	46074	46442	46327	46040	100.687
30	0	46912	46678	46231	46563	46340	46542	46882	46616	46518	46114	46286	46161	101.088
	1	46369	46437	46256	46787	46224	45837	45946	46708	45781	45664	46103	46191	100.447
	2	46365	46240	46084	46232	46458	46673	45943	46563	45959	46239	46483	46166	100.647
	3	46015	46270	46476	46937	46294	46456	46594	46467	46453	46036	46964	46033	100.935
	4	46567	46114	45956	46739	46232	46129	46323	46212	47084	46146	46461	46551	100.848
	5	46531	46669	45507	46022	46640	46722	46647	47011	45887	46510	46470	46495	100.956
	6	46277	46650	46619	46260	46223	46498	46079	45916	46753	45991	46694	46726	100.879
	7	46131	46214	46486	46309	46449	46394	45920	46500	45701	45965	46838	46316	100.614
	8	46779	46548	46262	45932	46184	46187	46558	46190	46636	46465	46183	45921	100.727
	9	46551	46113	46080	46698	45958	46214	45575	46248	45978	46033	46633	46748	100.543
	10	45858	46097	46330	46179	46334	46041	46287	46646	46907	46695	46082	46237	100.700
	11	46440	46849	46392	46168	46018	46084	46435	46631	46198	46225	46752	45950	100.781
	12	46756	46597	45836	46098	45998	46890	46222	46441	46059	46683	46716	45973	100.804
	13	45642	46204	46616	45834	46239	46446	46614	46142	46450	46535	46916	46618	100.802
	14	45994	46288	46445	46354	45868	46422	46230	46138	45742	46525	46772	46342	100.596
	15	46452	46388	46237	45885	46782	46629	46002	45777	47125	46601	46175	46192	100.799
	16	46889	46421	45806	46096	46184	47057	46996	46493	46409	46358	45867	47119	101.063
	17	46289	46592	45743	46326	46592	46153	46503	46212	46103	46409	46202	46134	100.621
	18	46813	46173	46602	45944	46429	46365	46324	46009	46113	46364	46168	46717	100.759
	19	45632	45882	46288	46063	46069	46053	46420	46212	46570	45750	46372	46766	100.406
	20	46361	46631	46004	46251	46428	45586	46235	46854	46664	46250	46610	46147	100.759
	21	46250	46453	46627	46560	46324	46286	46394	45789	46072	46064	46367	45899	100.589
	22	46280	45924	45973	46499	46507	46128	46153	45319	45941	45918	46098	45752	100.119
	23	45927	46168	46881	46022	46158	46498	45724	46194	46040	46042	45913	46695	100.440

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
31	0	46243	46738	45889	46420	45904	45867	46615	45795	46210	46404	46037	45957	100.404
	1	46158	46698	45875	46458	46232	46138	46176	46168	46102	46364	46126	47271	100.713
	2	46154	46059	46508	45913	45379	46193	45965	46147	46151	45898	46013	45720	100.048
	3	46251	45654	46039	46346	46110	46271	46001	46517	46216	46042	45501	46455	100.284
	4	46745	46599	46217	46388	46131	46249	46619	46636	46088	46318	46304	46644	100.925
	5	46343	46441	46871	46145	46682	45901	46715	45938	46372	45863	46556	45736	100.676
	6	45970	46149	46436	46382	46527	46153	45836	46722	46367	46176	46015	46660	100.645
	7	46404	46224	46257	46691	46444	46177	46281	46700	46630	46848	46672	46362	101.061
	8	46421	47039	45675	46269	46938	45646	46436	46743	45919	45933	46194	45888	100.592
	9	46344	46042	46583	46395	46807	46393	46264	46063	45902	46701	45966	46595	100.765
	10	46542	46437	46797	45618	46556	46923	47093	46837	46421	46930	46263	46610	101.304
	11	46046	46417	46512	46614	46606	46085	45957	46424	46600	46851	46349	46726	100.970
	12	46606	46571	46857	46535	46060	46781	46937	46075	46227	46579	46304	46064	101.044
	13	46048	46675	46578	46803	46595	46900	46734	47265	46105	46259	46420	46351	101.250
	14	45957	46741	45996	46898	46714	46463	46419	46556	46154	47090	46611	46189	101.079
	15	46485	46342	46796	46634	46857	46395	45869	46835	46370	46021	45897	46558	100.947
	16	46498	46155	46009	45905	46494	46618	46747	46772	46453	45195	46354	46808	100.757
	17	46198	45616	46701	46225	46648	46897	46502	46083	47074	46129	46893	46736	101.063
	18	46299	47135	46332	46728	46646	46612	45756	46402	45488	46449	46613	46518	100.932
	19	46057	46601	46313	46066	46140	46188	46598	45966	46229	46736	46181	45699	100.533
	20	46669	46060	45828	46222	46473	46188	45972	46130	45797	46331	46296	46428	100.464
	21	46486	46919	46235	46402	45565	46693	46575	46409	46706	46482	46475	45771	100.885
	22	46645	46544	46716	46041	46235	46227	46460	46971	45761	46815	46050	46302	100.894
	23	46438	46281	45737	46035	46435	46442	46016	45980	46245	46211	46308	46470	100.501

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
1	0	997.55	997.46	997.27	997.11	996.99	996.87	996.78	996.78	996.81	996.81	996.75	996.70	996.96
	1	996.67	996.56	996.41	996.36	996.30	996.18	996.00	995.82	995.69	995.55	995.46	995.48	996.04
	2	995.43	995.33	995.21	995.08	995.10	995.19	995.30	995.38	995.38	995.42	995.46	995.42	995.31
	3	995.32	995.21	995.06	994.89	994.78	994.71	994.69	994.68	994.65	994.61	994.50	994.39	994.79
	4	994.33	994.29	994.17	993.95	993.83	993.78	993.74	993.65	993.57	993.51	993.49	993.50	993.81
	5	993.48	993.43	993.41	993.33	993.22	993.12	993.01	992.95	992.95	993.00	993.12	993.18	993.18
	6	993.17	993.09	993.03	992.95	992.86	992.91	992.90	992.87	992.88	992.85	992.85	992.92	992.94
	7	992.96	993.01	993.10	993.23	993.34	993.39	993.40	993.42	993.52	993.65	993.68	993.73	993.37
	8	993.85	993.95	994.04	994.12	994.21	994.33	994.48	994.58	994.62	994.68	994.77	994.90	994.38
	9	995.04	995.17	995.23	995.30	995.41	995.45	995.46	995.54	995.57	995.56	995.56	995.62	995.41
	10	995.67	995.70	995.79	995.84	995.88	995.92	995.99	996.07	996.09	996.21	996.33	996.30	995.98
	11	996.33	996.38	996.40	996.46	996.58	996.78	996.95	997.09	997.18	997.34	997.50	997.54	996.87
	12	997.72	998.07	998.26	998.27	998.34	998.45	998.54	998.38	998.29	998.43	998.54	998.64	998.33
	13	998.70	998.77	998.78	998.74	998.80	998.92	998.99	999.08	999.20	999.20	999.21	999.33	998.97
	14	999.48	999.60	999.68	999.72	999.75	999.81	999.90	999.96	1000.01	1000.08	1000.16	1000.25	999.86
	15	1000.37	1000.47	1000.50	1000.52	1000.57	1000.64	1000.65	1000.62	1000.67	1000.74	1000.75	1000.81	1000.61
	16	1000.90	1000.96	1001.07	1001.17	1001.26	1001.37	1001.41	1001.46	1001.53	1001.57	1001.64	1001.71	1001.33
	17	1001.74	1001.78	1001.88	1001.96	1001.99	1002.00	1002.03	1002.08	1002.12	1002.15	1002.18	1002.25	1002.01
	18	1002.27	1002.21	1002.26	1002.34	1002.38	1002.42	1002.47	1002.55	1002.61	1002.63	1002.69	1002.75	1002.46
	19	1002.78	1002.82	1002.89	1002.93	1003.02	1003.13	1003.23	1003.32	1003.36	1003.40	1003.48	1003.64	1003.16
	20	1003.78	1003.84	1003.91	1003.98	1004.01	1004.01	1004.03	1004.06	1004.06	1004.07	1004.08	1004.09	1003.99
	21	1004.13	1004.18	1004.25	1004.30	1004.31	1004.30	1004.29	1004.31	1004.36	1004.41	1004.46	1004.44	1004.31
	22	1004.35	1004.28	1004.30	1004.29	1004.30	1004.41	1004.47	1004.46	1004.44	1004.47	1004.53	1004.61	1004.41
	23	1004.64	1004.64	1004.67	1004.58	1004.44	1004.40	1004.39	1004.34	1004.31	1004.31	1004.30	1004.25	1004.44
2	0	1004.21	1004.24	1004.24	1004.24	1004.25	1004.27	1004.27	1004.22	1004.32	1004.42	1004.43	1004.50	1004.30
	1	1004.55	1004.58	1004.63	1004.62	1004.60	1004.66	1004.65	1004.54	1004.46	1004.32	1004.25	1004.46	1004.53
	2	1004.65	1004.54	1004.36	1004.35	1004.36	1004.29	1004.21	1004.22	1004.18	1004.08	1004.04	1004.05	1004.27
	3	1004.10	1004.16	1004.22	1004.30	1004.37	1004.46	1004.57	1004.60	1004.59	1004.61	1004.54	1004.45	1004.41
	4	1004.41	1004.41	1004.51	1004.58	1004.60	1004.65	1004.74	1004.82	1004.90	1004.95	1004.97	1004.98	1004.71
	5	1005.04	1005.09	1005.11	1005.13	1005.12	1005.13	1005.22	1005.32	1005.44	1005.56	1005.63	1005.72	1005.29
	6	1005.80	1005.82	1005.92	1006.05	1006.11	1006.19	1006.29	1006.36	1006.40	1006.48	1006.61	1006.68	1006.22
	7	1006.72	1006.81	1006.89	1006.95	1007.05	1007.17	1007.31	1007.41	1007.47	1007.56	1007.64	1007.70	1007.22
	8	1007.72	1007.79	1007.91	1007.97	1008.01	1008.05	1008.04	1008.04	1008.07	1008.04	1007.98	1007.94	1007.96
	9	1007.94	1007.95	1007.99	1008.02	1008.02	1008.12	1008.26	1008.32	1008.31	1008.29	1008.31	1008.34	1008.15
	10	1008.39	1008.43	1008.48	1008.57	1008.58	1008.54	1008.60	1008.71	1008.76	1008.79	1008.84	1008.91	1008.63
	11	1008.96	1009.02	1009.05	1009.04	1009.05	1009.04	1009.02	1009.02	1008.99	1008.98	1008.96	1008.86	1009.00
	12	1008.75	1008.72	1008.71	1008.69	1008.71	1008.69	1008.65	1008.61	1008.60	1008.55	1008.49	1008.42	1008.63
	13	1008.35	1008.30	1008.24	1008.22	1008.26	1008.29	1008.23	1008.20	1008.19	1008.19	1008.27	1008.35	1008.25
	14	1008.36	1008.30	1008.23	1008.23	1008.25	1008.24	1008.24	1008.26	1008.27	1008.26	1008.24	1008.19	1008.25
	15	1008.18	1008.20	1008.24	1008.25	1008.21	1008.17	1008.17	1008.21	1008.22	1008.14	1008.09	1008.07	1008.18
	16	1008.04	1008.05	1008.04	1007.95	1007.82	1007.71	1007.65	1007.58	1007.53	1007.53	1007.51	1007.50	1007.74
	17	1007.46	1007.36	1007.23	1007.10	1006.97	1006.93	1006.92	1006.84	1006.70	1006.50	1006.41	1006.37	1006.90
	18	1006.29	1006.21	1006.11	1005.98	1005.86	1005.76	1005.68	1005.60	1005.50	1005.36	1005.28	1005.24	1005.74
	19	1005.11	1005.13	1005.38	1005.38	1005.29	1005.48	1005.65	1005.81	1006.06	1006.15	1006.03	1005.87	1005.61
	20	1005.77	1005.67	1005.51	1005.45	1005.43	1005.32	1005.23	1005.23	1005.21	1005.09	1004.96	1004.93	1005.31
	21	1004.93	1004.89	1004.85	1004.80	1004.76	1005.04	1005.22	1005.10	1005.12	1005.23	1005.13	1005.03	1005.01
	22	1005.07	1005.05	1005.09	1005.10	1005.01	1004.91	1004.84	1004.78	1004.75	1004.73	1004.72	1004.74	1004.90
	23	1004.74	1004.76	1004.81	1004.87	1004.93	1004.92	1004.83	1004.68	1004.59	1004.62	1004.69	1004.72	1004.76

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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	1004.77	1004.76	1004.65	1004.49	1004.42	1004.45	1004.50	1004.50	1004.48	1004.38	1004.40	1004.57	1004.52
	1	1004.65	1004.67	1004.67	1004.66	1004.65	1004.55	1004.52	1004.62	1004.75	1004.86	1004.84	1004.76	1004.68
	2	1004.69	1004.66	1004.67	1004.67	1004.65	1004.63	1004.63	1004.68	1004.74	1004.75	1004.77	1004.76	1004.69
	3	1004.75	1004.73	1004.75	1004.80	1004.79	1004.77	1004.76	1004.71	1004.72	1004.79	1004.82	1004.80	1004.76
	4	1004.82	1004.86	1004.86	1004.89	1004.94	1004.95	1004.97	1005.04	1005.10	1005.13	1005.13	1005.13	1004.98
	5	1005.17	1005.22	1005.25	1005.32	1005.39	1005.46	1005.54	1005.55	1005.52	1005.53	1005.57	1005.60	1005.42
	6	1005.67	1005.72	1005.74	1005.78	1005.74	1005.83	1006.04	1006.21	1006.34	1006.43	1006.48	1006.53	1006.04
	7	1006.61	1006.68	1006.74	1006.77	1006.82	1006.86	1006.89	1006.92	1006.93	1007.00	1007.08	1007.10	1006.86
	8	1007.09	1007.10	1007.12	1007.20	1007.31	1007.39	1007.50	1007.62	1007.70	1007.79	1007.81	1007.77	1007.45
	9	1007.74	1007.73	1007.71	1007.66	1007.65	1007.66	1007.71	1007.74	1007.73	1007.78	1007.84	1007.90	1007.73
	10	1007.94	1007.92	1007.93	1008.02	1008.14	1008.17	1008.20	1008.24	1008.27	1008.31	1008.32	1008.39	1008.15
	11	1008.47	1008.48	1008.47	1008.40	1008.35	1008.38	1008.31	1008.17	1008.12	1008.15	1008.16	1008.20	1008.30
	12	1008.23	1008.23	1008.18	1008.14	1008.12	1008.14	1008.24	1008.29	1008.32	1008.34	1008.37	1008.41	1008.25
	13	1008.41	1008.41	1008.44	1008.50	1008.59	1008.68	1008.73	1008.75	1008.80	1008.89	1008.94	1008.97	1008.67
	14	1009.03	1009.10	1009.17	1009.22	1009.25	1009.27	1009.29	1009.35	1009.42	1009.45	1009.45	1009.44	1009.28
	15	1009.45	1009.44	1009.43	1009.48	1009.55	1009.61	1009.66	1009.71	1009.77	1009.81	1009.85	1009.90	1009.64
	16	1009.96	1010.01	1010.06	1010.07	1010.07	1010.12	1010.19	1010.26	1010.32	1010.37	1010.40	1010.42	1010.18
	17	1010.47	1010.52	1010.60	1010.69	1010.76	1010.83	1010.90	1010.94	1010.94	1010.94	1010.95	1010.95	1010.79
	18	1010.93	1010.95	1010.96	1010.95	1010.97	1011.04	1011.06	1011.09	1011.15	1011.14	1011.16	1011.21	1011.05
	19	1011.25	1011.27	1011.26	1011.24	1011.16	1011.10	1011.12	1011.15	1011.19	1011.20	1011.16	1011.12	1011.18
	20	1011.07	1011.06	1011.10	1011.09	1011.10	1011.15	1011.24	1011.35	1011.43	1011.54	1011.62	1011.36	1011.26
	21	1011.15	1011.29	1011.49	1011.72	1012.01	1012.13	1012.00	1011.88	1011.81	1011.79	1011.79	1011.74	1011.73
	22	1011.68	1011.62	1011.52	1011.42	1011.38	1011.37	1011.32	1011.26	1011.20	1011.14	1011.12	1011.08	1011.34
	23	1011.02	1010.94	1010.89	1010.91	1010.93	1010.95	1010.98	1010.97	1010.90	1010.86	1010.80	1010.72	1010.90
4	0	1010.72	1010.70	1010.67	1010.65	1010.59	1010.51	1010.40	1010.38	1010.57	1010.70	1010.70	1010.74	1010.60
	1	1010.78	1010.78	1010.75	1010.71	1010.68	1010.66	1010.63	1010.56	1010.55	1010.58	1010.58	1010.59	1010.65
	2	1010.63	1010.65	1010.60	1010.54	1010.54	1010.55	1010.54	1010.56	1010.57	1010.54	1010.52	1010.51	1010.56
	3	1010.47	1010.44	1010.45	1010.46	1010.48	1010.55	1010.59	1010.59	1010.60	1010.60	1010.61	1010.62	1010.54
	4	1010.66	1010.65	1010.61	1010.60	1010.61	1010.63	1010.63	1010.60	1010.58	1010.58	1010.58	1010.59	1010.61
	5	1010.60	1010.57	1010.55	1010.57	1010.59	1010.61	1010.64	1010.63	1010.59	1010.61	1010.66	1010.71	1010.61
	6	1010.72	1010.71	1010.70	1010.65	1010.61	1010.63	1010.60	1010.59	1010.65	1010.68	1010.70	1010.75	1010.66
	7	1010.74	1010.65	1010.62	1010.67	1010.71	1010.76	1010.81	1010.87	1010.92	1010.89	1010.90	1011.00	1010.79
	8	1011.04	1011.04	1011.07	1011.18	1011.26	1011.24	1011.20	1011.25	1011.35	1011.41	1011.46	1011.49	1011.25
	9	1011.51	1011.54	1011.56	1011.62	1011.69	1011.72	1011.73	1011.76	1011.79	1011.78	1011.74	1011.65	1011.67
	10	1011.57	1011.57	1011.59	1011.59	1011.60	1011.61	1011.60	1011.60	1011.60	1011.57	1011.54	1011.54	1011.58
	11	1011.58	1011.65	1011.70	1011.75	1011.81	1011.88	1011.98	1012.05	1012.03	1011.97	1011.98	1012.05	1011.87
	12	1012.13	1012.16	1012.18	1012.24	1012.33	1012.38	1012.42	1012.43	1012.45	1012.56	1012.64	1012.68	1012.38
	13	1012.69	1012.71	1012.79	1012.87	1012.97	1013.09	1013.16	1013.18	1013.23	1013.32	1013.42	1013.53	1013.08
	14	1013.63	1013.71	1013.75	1013.86	1013.99	1014.05	1014.08	1014.13	1014.18	1014.27	1014.37	1014.45	1014.04
	15	1014.51	1014.57	1014.66	1014.72	1014.75	1014.79	1014.87	1014.93	1015.00	1015.10	1015.16	1015.23	1014.85
	16	1015.33	1015.47	1015.66	1015.81	1015.89	1015.98	1016.09	1016.19	1016.26	1016.32	1016.40	1016.49	1015.99
	17	1016.60	1016.68	1016.71	1016.75	1016.73	1016.71	1016.79	1016.83	1016.85	1016.89	1016.97	1017.06	1016.79
	18	1017.11	1017.17	1017.27	1017.35	1017.40	1017.51	1017.61	1017.72	1017.84	1017.96	1018.07	1018.08	1017.59
	19	1018.09	1018.11	1018.11	1018.15	1018.17	1018.21	1018.19	1018.12	1018.13	1018.13	1018.14	1018.17	1018.14
	20	1018.17	1018.21	1018.27	1018.33	1018.36	1018.41	1018.50	1018.62	1018.68	1018.70	1018.80	1018.88	1018.49
	21	1018.93	1019.01	1019.05	1019.05	1019.01	1018.96	1019.01	1019.11	1019.16	1019.18	1019.21	1019.33	1019.08
	22	1019.49	1019.58	1019.63	1019.68	1019.73	1019.81	1019.90	1019.95	1019.99	1020.06	1020.16	1020.23	1019.85
	23	1020.26	1020.33	1020.45	1020.55	1020.59	1020.61	1020.64	1020.66	1020.66	1020.65	1020.69	1020.75	1020.57

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
5	0	1020.80	1020.77	1020.66	1020.57	1020.52	1020.51	1020.62	1020.74	1020.76	1020.82	1020.92	1020.92	1020.71
	1	1020.92	1021.00	1021.09	1021.14	1021.19	1021.28	1021.37	1021.45	1021.46	1021.41	1021.41	1021.42	1021.26
	2	1021.36	1021.25	1021.17	1021.16	1021.23	1021.35	1021.43	1021.43	1021.38	1021.38	1021.43	1021.47	1021.33
	3	1021.50	1021.54	1021.55	1021.55	1021.57	1021.60	1021.67	1021.74	1021.80	1021.75	1021.70	1021.73	1021.64
	4	1021.68	1021.62	1021.66	1021.79	1021.88	1021.85	1021.81	1021.79	1021.81	1021.88	1021.94	1021.91	1021.80
	5	1021.86	1021.89	1021.94	1021.98	1022.05	1022.08	1022.08	1022.09	1022.12	1022.12	1022.17	1022.28	1022.05
	6	1022.29	1022.27	1022.28	1022.25	1022.23	1022.17	1022.05	1021.98	1022.01	1022.06	1022.08	1022.12	1022.15
	7	1022.16	1022.18	1022.22	1022.33	1022.40	1022.32	1022.19	1022.21	1022.36	1022.40	1022.35	1022.40	1022.29
	8	1022.44	1022.41	1022.49	1022.58	1022.60	1022.60	1022.64	1022.70	1022.71	1022.70	1022.72	1022.70	1022.61
	9	1022.73	1022.82	1022.90	1022.87	1022.74	1022.71	1022.63	1022.57	1022.51	1022.38	1022.39	1022.33	1022.63
	10	1022.20	1022.12	1022.05	1021.98	1021.95	1022.01	1022.16	1022.21	1021.83	1021.52	1021.64	1021.69	1021.94
	11	1021.83	1022.04	1022.05	1021.86	1021.69	1021.62	1021.45	1021.23	1021.11	1021.18	1021.16	1021.03	1021.52
	12	1020.95	1020.94	1020.92	1020.84	1020.75	1020.65	1020.62	1020.62	1020.49	1020.36	1020.37	1020.32	1020.65
	13	1020.16	1020.04	1019.98	1019.98	1020.00	1020.00	1019.97	1019.91	1019.82	1019.72	1019.73	1019.73	1019.92
	14	1019.70	1019.69	1019.65	1019.63	1019.65	1019.60	1019.54	1019.50	1019.46	1019.48	1019.46	1019.38	1019.56
	15	1019.23	1019.13	1019.08	1018.99	1019.01	1019.02	1019.06	1019.10	1019.04	1018.96	1018.88	1018.79	1019.02
	16	1018.78	1018.86	1018.89	1018.87	1018.88	1018.97	1019.00	1018.97	1018.93	1018.88	1018.82	1018.80	1018.88
	17	1018.75	1018.65	1018.61	1018.57	1018.54	1018.54	1018.53	1018.52	1018.49	1018.40	1018.30	1018.23	1018.51
	18	1018.20	1018.20	1018.17	1018.17	1018.19	1018.20	1018.16	1018.13	1018.00	1017.92	1018.04	1017.99	1018.11
	19	1017.86	1017.77	1017.70	1017.79	1017.87	1017.81	1017.80	1017.92	1017.87	1017.72	1017.64	1017.60	1017.78
	20	1017.47	1017.28	1017.30	1017.32	1017.26	1017.27	1017.23	1017.26	1017.29	1017.27	1017.36	1017.41	1017.31
	21	1017.24	1017.05	1017.03	1017.06	1017.05	1017.06	1017.04	1017.01	1017.03	1017.08	1017.06	1016.87	1017.05
	22	1016.78	1016.86	1016.89	1016.82	1016.71	1016.71	1016.67	1016.53	1016.46	1016.36	1016.21	1016.10	1016.59
	23	1016.02	1015.94	1015.94	1015.98	1015.93	1015.76	1015.55	1015.42	1015.30	1015.08	1014.87	1014.83	1015.55
6	0	1014.76	1014.72	1014.65	1014.59	1014.48	1014.45	1014.47	1014.38	1014.25	1014.16	1014.15	1014.10	1014.41
	1	1014.07	1014.13	1014.18	1014.13	1014.02	1013.95	1013.89	1013.82	1013.76	1013.73	1013.74	1013.69	1013.92
	2	1013.65	1013.68	1013.68	1013.58	1013.37	1013.34	1013.41	1013.30	1013.27	1013.40	1013.39	1013.34	1013.45
	3	1013.22	1013.06	1012.99	1012.97	1012.89	1012.74	1012.69	1012.64	1012.67	1012.71	1012.71	1012.66	1012.83
	4	1012.55	1012.49	1012.45	1012.35	1012.31	1012.22	1012.05	1012.00	1011.98	1011.90	1011.81	1011.80	1012.16
	5	1011.80	1011.80	1011.88	1011.92	1011.82	1011.71	1011.54	1011.31	1011.20	1011.25	1011.33	1011.36	1011.57
	6	1011.44	1011.52	1011.58	1011.52	1011.40	1011.40	1011.46	1011.51	1011.55	1011.54	1011.44	1011.35	1011.47
	7	1011.27	1011.28	1011.29	1011.28	1011.29	1011.34	1011.45	1011.43	1011.32	1011.21	1011.08	1010.98	1011.27
	8	1011.01	1011.01	1011.01	1011.10	1011.14	1011.15	1011.18	1011.16	1011.12	1011.09	1011.02	1010.99	1011.08
	9	1010.97	1010.95	1010.93	1010.92	1010.88	1010.85	1010.93	1010.97	1010.92	1010.93	1010.92	1010.79	1010.91
	10	1010.67	1010.71	1010.82	1010.89	1010.97	1010.99	1011.06	1011.28	1011.42	1011.32	1011.23	1011.14	1011.04
	11	1011.01	1011.06	1011.12	1011.10	1011.27	1011.48	1011.55	1011.44	1011.12	1010.94	1010.95	1011.04	1011.17
	12	1011.07	1011.03	1011.01	1010.90	1010.73	1010.63	1010.57	1010.59	1010.59	1010.41	1010.23	1010.11	1010.65
	13	1010.04	1010.09	1010.16	1010.15	1010.07	1009.97	1009.87	1009.86	1009.97	1010.09	1010.13	1010.15	1010.04
	14	1010.14	1010.13	1010.16	1010.16	1010.05	1009.94	1009.78	1009.58	1009.50	1009.51	1009.63	1009.78	1009.86
	15	1009.80	1009.82	1009.85	1009.78	1009.77	1009.84	1009.89	1009.96	1010.01	1010.04	1010.13	1010.18	1009.92
	16	1010.10	1009.99	1009.98	1010.00	1010.05	1010.04	1009.99	1010.05	1010.12	1009.99	1009.73	1009.69	1009.97
	17	1009.81	1009.90	1009.90	1009.86	1009.98	1010.29	1010.38	1010.23	1010.08	1010.00	1009.92	1009.68	1010.00
	18	1009.46	1009.35	1009.24	1009.19	1009.24	1009.31	1009.35	1009.36	1009.49	1009.55	1009.49	1009.49	1009.37
	19	1009.45	1009.44	1009.43	1009.32	1009.31	1009.34	1009.37	1009.45	1009.57	1009.64	1009.57	1009.40	1009.44
	20	1009.27	1009.24	1009.18	1009.10	1009.11	1009.14	1009.18	1009.26	1009.32	1009.40	1009.59	1009.72	1009.29
	21	1009.60	1009.61	1009.71	1009.68	1009.62	1009.67	1009.79	1009.79	1009.76	1009.85	1009.97	1010.02	1009.75
	22	1010.06	1010.16	1010.20	1010.10	1010.00	1009.92	1009.86	1009.86	1009.88	1009.89	1009.90	1009.88	1009.97
	23	1009.83	1009.82	1009.82	1009.89	1009.95	1009.92	1009.91	1009.92	1009.90	1009.88	1009.84	1009.78	1009.87

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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	1009.68	1009.65	1009.58	1009.54	1009.55	1009.58	1009.63	1009.66	1009.65	1009.57	1009.47	1009.45	1009.58
	1	1009.51	1009.54	1009.44	1009.40	1009.41	1009.37	1009.26	1009.26	1009.30	1009.18	1009.00	1008.89	1009.29
	2	1008.89	1008.99	1009.06	1009.10	1009.17	1009.17	1009.22	1009.30	1009.29	1009.29	1009.32	1009.23	1009.17
	3	1009.12	1009.08	1009.02	1008.99	1008.94	1008.88	1008.91	1009.00	1009.08	1009.16	1009.20	1009.24	1009.05
	4	1009.31	1009.29	1009.21	1009.09	1008.97	1008.96	1008.96	1008.93	1008.82	1008.73	1008.69	1008.64	1008.96
	5	1008.62	1008.66	1008.68	1008.73	1008.89	1008.97	1008.93	1008.95	1009.02	1009.02	1008.98	1008.99	1008.87
	6	1009.02	1008.98	1009.03	1009.19	1009.33	1009.44	1009.47	1009.45	1009.47	1009.57	1009.65	1009.65	1009.35
	7	1009.66	1009.74	1009.86	1009.82	1009.72	1009.77	1009.81	1009.81	1009.88	1009.89	1009.85	1009.93	1009.81
	8	1010.03	1010.09	1010.14	1010.27	1010.40	1010.44	1010.45	1010.47	1010.51	1010.54	1010.55	1010.56	1010.37
	9	1010.57	1010.57	1010.55	1010.56	1010.60	1010.59	1010.64	1010.69	1010.62	1010.53	1010.48	1010.51	1010.57
	10	1010.48	1010.42	1010.42	1010.48	1010.51	1010.47	1010.41	1010.33	1010.25	1010.26	1010.26	1010.24	1010.37
	11	1010.26	1010.26	1010.25	1010.25	1010.16	1010.06	1010.03	1010.00	1010.00	1009.95	1009.87	1009.84	1010.07
	12	1009.80	1009.76	1009.72	1009.65	1009.64	1009.66	1009.68	1009.65	1009.67	1009.67	1009.67	1009.66	1009.68
	13	1009.59	1009.51	1009.44	1009.39	1009.37	1009.36	1009.37	1009.36	1009.35	1009.38	1009.48	1009.45	1009.42
	14	1009.36	1009.36	1009.34	1009.27	1009.18	1009.20	1009.28	1009.33	1009.38	1009.36	1009.35	1009.36	1009.31
	15	1009.28	1009.29	1009.39	1009.46	1009.49	1009.47	1009.39	1009.33	1009.33	1009.46	1009.64	1009.71	1009.43
	16	1009.78	1009.79	1009.72	1009.67	1009.65	1009.64	1009.63	1009.67	1009.71	1009.71	1009.62	1009.53	1009.67
	17	1009.47	1009.49	1009.60	1009.64	1009.69	1009.84	1009.98	1010.07	1010.21	1010.27	1010.21	1010.18	1009.88
	18	1010.21	1010.23	1010.18	1010.12	1010.06	1010.06	1010.10	1010.09	1010.04	1009.98	1009.93	1009.97	1010.08
	19	1010.02	1010.04	1010.05	1010.08	1010.09	1010.07	1010.07	1010.08	1010.04	1010.00	1009.96	1009.95	1010.04
	20	1009.97	1009.99	1010.03	1010.12	1010.20	1010.26	1010.32	1010.32	1010.30	1010.35	1010.41	1010.45	1010.22
	21	1010.44	1010.37	1010.31	1010.28	1010.34	1010.41	1010.43	1010.47	1010.50	1010.53	1010.57	1010.63	1010.44
	22	1010.69	1010.73	1010.74	1010.74	1010.71	1010.70	1010.73	1010.75	1010.69	1010.65	1010.66	1010.63	1010.70
	23	1010.61	1010.64	1010.62	1010.61	1010.66	1010.70	1010.72	1010.72	1010.75	1010.79	1010.80	1010.79	1010.70
8	0	1010.77	1010.80	1010.82	1010.82	1010.81	1010.77	1010.76	1010.81	1010.87	1010.91	1010.92	1010.89	1010.83
	1	1010.91	1010.92	1010.91	1010.86	1010.79	1010.76	1010.76	1010.77	1010.76	1010.67	1010.59	1010.63	1010.78
	2	1010.63	1010.59	1010.65	1010.68	1010.70	1010.72	1010.73	1010.73	1010.72	1010.69	1010.70	1010.81	1010.69
	3	1010.83	1010.80	1010.71	1010.68	1010.70	1010.66	1010.63	1010.63	1010.66	1010.68	1010.63	1010.55	1010.68
	4	1010.55	1010.62	1010.71	1010.78	1010.80	1010.83	1010.88	1010.88	1010.93	1011.02	1011.06	1011.04	1010.84
	5	1011.01	1010.98	1010.99	1011.00	1010.94	1010.86	1010.80	1010.75	1010.66	1010.55	1010.51	1010.54	1010.80
	6	1010.55	1010.55	1010.63	1010.71	1010.78	1010.82	1010.83	1010.91	1010.98	1011.01	1011.02	1011.00	1010.81
	7	1011.05	1011.13	1011.17	1011.24	1011.34	1011.43	1011.46	1011.41	1011.34	1011.35	1011.42	1011.45	1011.31
	8	1011.53	1011.65	1011.75	1011.79	1011.78	1011.79	1011.82	1011.87	1011.90	1011.96	1011.99	1012.01	1011.82
	9	1012.04	1012.04	1011.98	1011.91	1011.97	1012.10	1012.12	1012.11	1012.09	1012.03	1012.04	1012.00	1012.03
	10	1011.89	1011.79	1011.67	1011.58	1011.53	1011.48	1011.48	1011.46	1011.45	1011.45	1011.43	1011.44	1011.55
	11	1011.41	1011.30	1011.27	1011.32	1011.30	1011.22	1011.23	1011.27	1011.26	1011.20	1011.14	1011.05	1011.24
	12	1010.96	1010.93	1010.93	1010.93	1010.97	1011.05	1011.06	1011.10	1011.22	1011.36	1011.46	1011.53	1011.12
	13	1011.56	1011.46	1011.32	1011.38	1011.47	1011.40	1011.38	1011.39	1011.34	1011.27	1011.21	1010.96	1011.34
	14	1010.79	1010.75	1010.63	1010.63	1010.67	1010.66	1010.58	1010.50	1010.48	1010.42	1010.31	1010.20	1010.55
	15	1010.11	1010.10	1010.12	1010.11	1010.09	1010.11	1010.18	1010.22	1010.18	1010.13	1010.08	1010.06	1010.12
	16	1010.09	1010.10	1010.21	1010.35	1010.40	1010.44	1010.40	1010.35	1010.40	1010.41	1010.42	1010.45	1010.33
	17	1010.45	1010.46	1010.56	1010.63	1010.71	1010.82	1010.83	1010.83	1010.89	1010.94	1010.97	1010.98	1010.75
	18	1010.98	1011.06	1011.20	1011.26	1011.26	1011.26	1011.24	1011.20	1011.16	1011.17	1011.24	1011.32	1011.19
	19	1011.37	1011.42	1011.45	1011.46	1011.44	1011.33	1011.32	1011.35	1011.35	1011.40	1011.49	1011.59	1011.41
	20	1011.62	1011.63	1011.64	1011.68	1011.76	1011.80	1011.86	1011.84	1011.76	1011.76	1011.76	1011.71	1011.73
	21	1011.68	1011.68	1011.63	1011.57	1011.59	1011.64	1011.64	1011.69	1011.71	1011.69	1011.70	1011.72	1011.66
	22	1011.74	1011.76	1011.73	1011.72	1011.77	1011.79	1011.78	1011.77	1011.71	1011.64	1011.56	1011.54	1011.71
	23	1011.54	1011.51	1011.50	1011.49	1011.47	1011.47	1011.46	1011.45	1011.42	1011.43	1011.49	1011.56	1011.48

S.V.I.R.CO. Observatory - Pressure in hectoPascal – December 2010

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	1011.58	1011.57	1011.51	1011.46	1011.45	1011.46	1011.54	1011.63	1011.67	1011.66	1011.59	1011.52	1011.55
	1	1011.45	1011.40	1011.39	1011.41	1011.43	1011.40	1011.38	1011.36	1011.31	1011.20	1011.08	1011.01	1011.32
	2	1010.97	1010.94	1010.88	1010.79	1010.72	1010.72	1010.71	1010.71	1010.70	1010.66	1010.62	1010.55	1010.74
	3	1010.49	1010.43	1010.38	1010.35	1010.34	1010.33	1010.32	1010.36	1010.38	1010.37	1010.39	1010.44	1010.38
	4	1010.49	1010.47	1010.50	1010.55	1010.50	1010.37	1010.25	1010.25	1010.31	1010.26	1010.08	1010.10	1010.34
	5	1010.32	1010.35	1010.34	1010.41	1010.41	1010.43	1010.42	1010.36	1010.36	1010.36	1010.35	1010.38	1010.37
	6	1010.57	1010.76	1010.88	1010.93	1010.89	1010.88	1010.88	1010.81	1010.77	1010.78	1010.86	1010.89	1010.82
	7	1010.85	1010.81	1010.77	1010.71	1010.67	1010.73	1010.75	1010.70	1010.68	1010.68	1010.72	1010.79	1010.74
	8	1010.85	1010.87	1010.91	1010.98	1010.94	1010.97	1010.99	1010.90	1010.80	1010.81	1010.92	1010.95	1010.91
	9	1010.85	1010.71	1010.60	1010.64	1010.75	1010.73	1010.65	1010.63	1010.60	1010.60	1010.53	1010.46	1010.64
	10	1010.39	1010.31	1010.32	1010.31	1010.25	1010.22	1010.26	1010.04	1009.82	1009.92	1010.04	1010.04	1010.16
	11	1009.97	1009.89	1009.72	1009.54	1009.47	1009.49	1009.48	1009.36	1009.23	1009.19	1009.24	1009.24	1009.48
	12	1009.05	1008.85	1008.77	1008.77	1008.74	1008.74	1008.82	1008.85	1008.88	1008.88	1008.82	1008.86	1008.83
	13	1008.92	1008.86	1008.77	1008.74	1008.70	1008.59	1008.55	1008.58	1008.57	1008.51	1008.37	1008.32	1008.62
	14	1008.28	1008.18	1008.19	1008.14	1008.09	1008.11	1008.14	1008.17	1008.25	1008.32	1008.36	1008.34	1008.21
	15	1008.29	1008.35	1008.39	1008.34	1008.37	1008.50	1008.54	1008.52	1008.49	1008.43	1008.43	1008.36	1008.41
	16	1008.23	1008.26	1008.35	1008.47	1008.57	1008.60	1008.60	1008.57	1008.51	1008.49	1008.53	1008.52	1008.47
	17	1008.58	1008.65	1008.67	1008.74	1008.82	1008.80	1008.78	1008.88	1008.97	1009.00	1009.07	1009.04	1008.83
	18	1008.98	1009.00	1009.06	1009.17	1009.30	1009.40	1009.52	1009.55	1009.47	1009.43	1009.46	1009.51	1009.32
	19	1009.52	1009.52	1009.56	1009.64	1009.69	1009.69	1009.68	1009.71	1009.76	1009.77	1009.76	1009.81	1009.67
	20	1009.89	1009.96	1009.91	1009.87	1009.92	1009.96	1010.01	1010.06	1010.10	1010.13	1010.14	1010.13	1010.00
	21	1010.13	1010.18	1010.17	1010.15	1010.18	1010.23	1010.28	1010.34	1010.40	1010.45	1010.53	1010.54	1010.30
	22	1010.55	1010.61	1010.68	1010.78	1010.80	1010.88	1010.94	1010.94	1010.98	1011.02	1011.08	1011.12	1010.86
	23	1011.19	1011.28	1011.31	1011.31	1011.31	1011.28	1011.26	1011.25	1011.29	1011.39	1011.44	1011.47	1011.31
10	0	1011.53	1011.54	1011.54	1011.53	1011.51	1011.48	1011.44	1011.46	1011.52	1011.56	1011.59	1011.64	1011.53
	1	1011.68	1011.72	1011.81	1011.87	1011.95	1012.02	1012.12	1012.20	1012.19	1012.18	1012.14	1012.08	1011.99
	2	1012.05	1012.06	1012.09	1012.10	1011.98	1011.92	1011.99	1011.99	1012.00	1012.04	1012.03	1012.10	1012.03
	3	1012.20	1012.21	1012.20	1012.20	1012.18	1012.18	1012.23	1012.28	1012.30	1012.31	1012.31	1012.32	1012.24
	4	1012.33	1012.35	1012.37	1012.42	1012.50	1012.53	1012.55	1012.62	1012.72	1012.86	1012.99	1013.04	1012.61
	5	1013.15	1013.30	1013.40	1013.49	1013.54	1013.50	1013.53	1013.72	1013.90	1014.07	1014.20	1014.23	1013.67
	6	1014.24	1014.34	1014.46	1014.52	1014.55	1014.58	1014.65	1014.79	1014.90	1015.02	1015.05	1014.97	1014.67
	7	1014.98	1015.14	1015.28	1015.40	1015.57	1015.61	1015.57	1015.60	1015.71	1015.80	1015.93	1016.11	1015.56
	8	1016.30	1016.47	1016.59	1016.74	1016.90	1016.98	1017.07	1017.21	1017.28	1017.29	1017.38	1017.47	1016.97
	9	1017.51	1017.57	1017.61	1017.62	1017.58	1017.50	1017.56	1017.63	1017.60	1017.52	1017.54	1017.54	1017.56
	10	1017.48	1017.51	1017.53	1017.59	1017.70	1017.71	1017.59	1017.53	1017.56	1017.66	1017.76	1017.71	1017.61
	11	1017.61	1017.69	1017.84	1017.94	1018.10	1018.21	1018.25	1018.26	1018.26	1018.26	1018.29	1018.33	1018.09
	12	1018.31	1018.27	1018.27	1018.33	1018.36	1018.35	1018.41	1018.51	1018.56	1018.53	1018.49	1018.53	1018.41
	13	1018.62	1018.71	1018.76	1018.72	1018.64	1018.68	1018.80	1018.93	1018.96	1018.98	1019.14	1019.29	1018.85
	14	1019.41	1019.52	1019.62	1019.67	1019.65	1019.64	1019.66	1019.67	1019.69	1019.74	1019.83	1019.88	1019.66
	15	1019.93	1020.01	1020.05	1020.08	1020.13	1020.18	1020.27	1020.37	1020.39	1020.34	1020.30	1020.28	1020.19
	16	1020.28	1020.26	1020.29	1020.33	1020.35	1020.43	1020.50	1020.54	1020.60	1020.68	1020.70	1020.74	1020.47
	17	1020.77	1020.85	1020.95	1020.98	1021.05	1021.15	1021.20	1021.24	1021.26	1021.28	1021.32	1021.36	1021.11
	18	1021.46	1021.58	1021.64	1021.67	1021.72	1021.77	1021.82	1021.88	1021.97	1022.04	1022.07	1022.13	1021.81
	19	1022.21	1022.31	1022.39	1022.43	1022.44	1022.46	1022.50	1022.55	1022.62	1022.71	1022.82	1022.89	1022.53
	20	1022.98	1023.08	1023.16	1023.25	1023.26	1023.20	1023.18	1023.23	1023.25	1023.24	1023.21	1023.13	1023.18
	21	1023.06	1023.01	1022.97	1022.99	1023.06	1023.13	1023.11	1023.05	1023.07	1023.12	1023.12	1023.10	1023.06
	22	1023.02	1022.95	1022.92	1022.83	1022.75	1022.64	1022.43	1022.36	1022.33	1022.27	1022.23	1022.17	1022.57
	23	1022.00	1021.93	1022.01	1022.10	1022.28	1022.37	1022.27	1022.20	1022.25	1022.29	1022.36	1022.45	1022.21

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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	1022.61	1022.64	1022.69	1022.77	1022.84	1022.84	1022.87	1022.87	1022.73	1022.69	1022.81	1022.89	1022.78
	1	1022.93	1023.02	1023.13	1023.21	1023.27	1023.31	1023.38	1023.49	1023.50	1023.49	1023.52	1023.55	1023.31
	2	1023.56	1023.55	1023.53	1023.48	1023.44	1023.44	1023.42	1023.38	1023.40	1023.49	1023.51	1023.47	1023.47
	3	1023.46	1023.46	1023.47	1023.47	1023.40	1023.35	1023.36	1023.38	1023.42	1023.41	1023.38	1023.39	1023.41
	4	1023.34	1023.27	1023.14	1023.02	1022.99	1022.96	1023.01	1023.12	1023.12	1023.05	1023.05	1023.08	1023.09
	5	1023.08	1023.10	1023.07	1023.02	1023.05	1023.10	1023.11	1023.14	1023.12	1022.99	1022.88	1022.81	1023.04
	6	1022.79	1022.83	1022.97	1023.12	1023.13	1023.09	1023.08	1023.13	1023.13	1022.99	1022.84	1022.76	1022.99
	7	1022.82	1022.89	1022.91	1022.96	1023.05	1023.07	1023.06	1023.11	1023.12	1023.10	1023.13	1023.12	1023.03
	8	1023.05	1023.04	1023.09	1023.07	1023.03	1023.06	1023.03	1022.97	1022.98	1023.04	1023.04	1023.00	1023.03
	9	1023.05	1023.11	1023.12	1023.09	1023.09	1023.02	1022.87	1022.72	1022.56	1022.50	1022.44	1022.38	1022.83
	10	1022.35	1022.30	1022.25	1022.27	1022.24	1022.17	1022.14	1022.08	1021.96	1021.91	1021.86	1021.69	1022.10
	11	1021.61	1021.54	1021.39	1021.35	1021.40	1021.39	1021.29	1021.14	1020.98	1020.87	1020.81	1020.69	1021.20
	12	1020.54	1020.45	1020.39	1020.26	1020.15	1020.11	1020.05	1020.01	1020.00	1019.95	1019.89	1019.84	1020.13
	13	1019.72	1019.61	1019.55	1019.53	1019.54	1019.49	1019.40	1019.32	1019.19	1019.10	1019.07	1018.98	1019.37
	14	1018.90	1018.87	1018.87	1018.84	1018.79	1018.76	1018.69	1018.66	1018.67	1018.66	1018.65	1018.61	1018.75
	15	1018.58	1018.54	1018.49	1018.48	1018.51	1018.51	1018.49	1018.48	1018.48	1018.44	1018.42	1018.40	1018.48
	16	1018.35	1018.30	1018.25	1018.26	1018.24	1018.25	1018.32	1018.32	1018.24	1018.09	1017.98	1017.91	1018.21
	17	1017.83	1017.81	1017.87	1017.96	1017.94	1017.95	1018.04	1018.03	1017.94	1017.88	1017.86	1017.81	1017.91
	18	1017.75	1017.71	1017.66	1017.61	1017.56	1017.54	1017.60	1017.63	1017.61	1017.58	1017.54	1017.50	1017.60
	19	1017.47	1017.40	1017.29	1017.24	1017.22	1017.22	1017.23	1017.21	1017.19	1017.19	1017.18	1017.17	1017.25
	20	1017.15	1017.15	1017.14	1017.06	1016.96	1016.88	1016.80	1016.74	1016.74	1016.76	1016.74	1016.64	1016.90
	21	1016.53	1016.43	1016.28	1016.20	1016.16	1016.12	1016.09	1016.05	1016.00	1015.89	1015.83	1015.84	1016.12
	22	1015.79	1015.73	1015.71	1015.65	1015.60	1015.58	1015.54	1015.46	1015.35	1015.29	1015.27	1015.27	1015.52
	23	1015.26	1015.22	1015.23	1015.21	1015.14	1015.13	1015.11	1015.10	1015.12	1015.11	1015.05	1014.94	1015.13
12	0	1014.92	1014.94	1014.94	1014.92	1014.89	1014.83	1014.77	1014.74	1014.69	1014.66	1014.67	1014.61	1014.79
	1	1014.55	1014.48	1014.40	1014.33	1014.27	1014.22	1014.19	1014.16	1014.04	1013.90	1013.82	1013.79	1014.18
	2	1013.74	1013.66	1013.55	1013.48	1013.40	1013.29	1013.17	1013.04	1012.89	1012.81	1012.76	1012.66	1013.20
	3	1012.57	1012.47	1012.35	1012.23	1012.11	1011.99	1011.90	1011.83	1011.88	1011.92	1011.88	1011.82	1012.08
	4	1011.75	1011.67	1011.55	1011.43	1011.32	1011.22	1011.16	1011.13	1011.08	1011.00	1010.96	1010.97	1011.27
	5	1010.98	1010.93	1010.81	1010.75	1010.70	1010.62	1010.52	1010.40	1010.31	1010.28	1010.27	1010.27	1010.57
	6	1010.23	1010.19	1010.16	1010.06	1009.95	1009.94	1009.99	1009.96	1009.89	1009.92	1009.98	1009.97	1010.02
	7	1009.97	1010.01	1010.06	1010.18	1010.25	1010.29	1010.32	1010.31	1010.29	1010.24	1010.11	1009.95	1010.16
	8	1009.77	1009.60	1009.43	1009.25	1009.07	1008.96	1008.96	1008.91	1008.75	1008.71	1008.73	1008.67	1009.07
	9	1008.61	1008.51	1008.38	1008.26	1008.17	1008.13	1008.10	1008.01	1007.88	1007.77	1007.75	1007.71	1008.10
	10	1007.58	1007.49	1007.42	1007.38	1007.34	1007.24	1007.11	1006.96	1006.85	1006.72	1006.56	1006.43	1007.09
	11	1006.31	1006.20	1006.11	1006.07	1006.00	1005.88	1005.75	1005.60	1005.46	1005.35	1005.25	1005.03	1005.75
	12	1004.89	1004.88	1004.77	1004.59	1004.42	1004.31	1004.24	1004.13	1004.01	1003.93	1003.85	1003.79	1004.32
	13	1003.71	1003.58	1003.43	1003.24	1003.10	1003.07	1003.02	1002.94	1002.90	1002.91	1002.97	1002.99	1003.15
	14	1002.99	1002.93	1002.79	1002.64	1002.56	1002.53	1002.49	1002.39	1002.29	1002.25	1002.24	1002.21	1002.52
	15	1002.22	1002.28	1002.32	1002.30	1002.23	1002.18	1002.17	1002.15	1002.06	1001.94	1001.80	1001.72	1002.11
	16	1001.73	1001.73	1001.70	1001.70	1001.71	1001.64	1001.55	1001.52	1001.51	1001.54	1001.55	1001.59	1001.62
	17	1001.58	1001.48	1001.41	1001.33	1001.25	1001.29	1001.36	1001.47	1001.70	1001.84	1001.84	1001.79	1001.53
	18	1001.75	1001.74	1001.73	1001.64	1001.52	1001.49	1001.48	1001.44	1001.41	1001.39	1001.34	1001.34	1001.52
	19	1001.39	1001.43	1001.44	1001.43	1001.44	1001.45	1001.48	1001.51	1001.48	1001.49	1001.58	1001.55	1001.47
	20	1001.47	1001.43	1001.42	1001.46	1001.53	1001.60	1001.60	1001.54	1001.49	1001.44	1001.41	1001.41	1001.48
	21	1001.36	1001.33	1001.32	1001.32	1001.33	1001.34	1001.37	1001.41	1001.46	1001.48	1001.48	1001.48	1001.39
	22	1001.49	1001.47	1001.47	1001.46	1001.43	1001.38	1001.32	1001.25	1001.22	1001.23	1001.26	1001.24	1001.35
	23	1001.20	1001.19	1001.17	1001.14	1001.08	1001.02	1000.98	1000.96	1000.99	1000.97	1000.89	1000.86	1001.03

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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	1000.86	1000.88	1000.92	1000.96	1000.98	1000.99	1000.99	1001.01	1001.01	1000.99	1000.99	1001.03	1000.97
	1	1001.11	1001.17	1001.17	1001.16	1001.14	1001.18	1001.20	1001.18	1001.16	1001.14	1001.10	1001.05	1001.14
	2	1001.02	1001.04	1001.08	1001.14	1001.17	1001.14	1001.13	1001.14	1001.15	1001.15	1001.12	1001.12	1001.11
	3	1001.16	1001.19	1001.21	1001.19	1001.16	1001.18	1001.19	1001.21	1001.23	1001.27	1001.34	1001.37	1001.22
	4	1001.40	1001.46	1001.49	1001.54	1001.58	1001.62	1001.65	1001.68	1001.74	1001.77	1001.78	1001.81	1001.63
	5	1001.85	1001.91	1001.97	1002.02	1002.07	1002.15	1002.26	1002.35	1002.41	1002.44	1002.45	1002.48	1002.19
	6	1002.52	1002.55	1002.57	1002.60	1002.65	1002.70	1002.76	1002.83	1002.89	1002.96	1003.01	1003.03	1002.75
	7	1003.07	1003.14	1003.21	1003.27	1003.34	1003.40	1003.44	1003.52	1003.59	1003.65	1003.75	1003.85	1003.43
	8	1003.95	1004.04	1004.12	1004.18	1004.24	1004.30	1004.34	1004.37	1004.39	1004.43	1004.47	1004.53	1004.28
	9	1004.58	1004.61	1004.64	1004.70	1004.76	1004.79	1004.80	1004.81	1004.82	1004.81	1004.78	1004.78	1004.74
	10	1004.79	1004.76	1004.74	1004.74	1004.71	1004.68	1004.69	1004.69	1004.68	1004.66	1004.64	1004.62	1004.70
	11	1004.55	1004.49	1004.47	1004.45	1004.42	1004.40	1004.38	1004.36	1004.37	1004.38	1004.43	1004.48	1004.43
	12	1004.54	1004.57	1004.56	1004.55	1004.55	1004.59	1004.63	1004.66	1004.66	1004.68	1004.71	1004.76	1004.62
	13	1004.82	1004.84	1004.85	1004.89	1004.94	1004.99	1005.03	1005.06	1005.11	1005.15	1005.18	1005.22	1005.00
	14	1005.27	1005.30	1005.34	1005.39	1005.42	1005.44	1005.47	1005.52	1005.59	1005.64	1005.68	1005.71	1005.48
	15	1005.74	1005.79	1005.84	1005.88	1005.91	1005.93	1005.96	1006.03	1006.13	1006.24	1006.31	1006.39	1006.01
	16	1006.48	1006.56	1006.63	1006.72	1006.77	1006.81	1006.87	1006.93	1006.99	1007.03	1007.07	1007.12	1006.83
	17	1007.17	1007.24	1007.31	1007.38	1007.45	1007.53	1007.61	1007.70	1007.76	1007.84	1007.93	1008.00	1007.58
	18	1008.10	1008.20	1008.26	1008.31	1008.39	1008.48	1008.52	1008.54	1008.55	1008.57	1008.63	1008.69	1008.43
	19	1008.75	1008.80	1008.88	1008.97	1009.03	1009.07	1009.10	1009.16	1009.22	1009.27	1009.30	1009.33	1009.07
	20	1009.35	1009.38	1009.45	1009.52	1009.59	1009.66	1009.72	1009.77	1009.82	1009.88	1009.95	1009.99	1009.67
	21	1010.02	1010.06	1010.11	1010.16	1010.20	1010.21	1010.21	1010.22	1010.26	1010.32	1010.37	1010.40	1010.21
	22	1010.44	1010.46	1010.45	1010.48	1010.54	1010.57	1010.60	1010.63	1010.62	1010.61	1010.63	1010.65	1010.55
	23	1010.65	1010.69	1010.74	1010.78	1010.81	1010.85	1010.91	1010.91	1010.83	1010.74	1010.74	1010.82	1010.79
14	0	1010.87	1010.90	1010.93	1010.95	1010.96	1010.95	1010.94	1010.99	1011.03	1011.01	1011.01	1011.08	1010.97
	1	1011.15	1011.17	1011.20	1011.28	1011.36	1011.41	1011.47	1011.51	1011.51	1011.50	1011.50	1011.51	1011.38
	2	1011.51	1011.51	1011.54	1011.61	1011.68	1011.70	1011.66	1011.62	1011.59	1011.58	1011.59	1011.63	1011.60
	3	1011.63	1011.60	1011.57	1011.57	1011.60	1011.59	1011.58	1011.61	1011.64	1011.67	1011.68	1011.69	1011.62
	4	1011.70	1011.70	1011.70	1011.69	1011.68	1011.70	1011.73	1011.75	1011.75	1011.76	1011.78	1011.83	1011.73
	5	1011.84	1011.87	1011.95	1012.00	1012.07	1012.13	1012.21	1012.27	1012.31	1012.33	1012.40	1012.48	1012.15
	6	1012.53	1012.56	1012.59	1012.65	1012.71	1012.77	1012.89	1012.97	1013.00	1013.06	1013.09	1013.13	1012.83
	7	1013.19	1013.23	1013.26	1013.30	1013.31	1013.37	1013.48	1013.53	1013.55	1013.54	1013.53	1013.55	1013.40
	8	1013.62	1013.71	1013.75	1013.79	1013.86	1013.94	1014.01	1014.06	1014.14	1014.21	1014.28	1014.36	1013.98
	9	1014.40	1014.44	1014.49	1014.52	1014.53	1014.57	1014.60	1014.58	1014.50	1014.41	1014.35	1014.32	1014.47
	10	1014.34	1014.33	1014.28	1014.24	1014.21	1014.20	1014.20	1014.18	1014.16	1014.13	1014.06	1013.98	1014.19
	11	1013.91	1013.87	1013.87	1013.86	1013.83	1013.78	1013.74	1013.69	1013.64	1013.60	1013.55	1013.53	1013.74
	12	1013.51	1013.47	1013.48	1013.48	1013.46	1013.46	1013.45	1013.42	1013.41	1013.40	1013.39	1013.40	1013.44
	13	1013.41	1013.41	1013.39	1013.36	1013.33	1013.31	1013.32	1013.34	1013.37	1013.41	1013.42	1013.43	1013.37
	14	1013.42	1013.40	1013.39	1013.39	1013.40	1013.40	1013.38	1013.39	1013.43	1013.46	1013.51	1013.55	1013.42
	15	1013.58	1013.63	1013.71	1013.76	1013.79	1013.82	1013.86	1013.90	1013.93	1013.94	1013.94	1013.94	1013.82
	16	1013.93	1013.94	1013.99	1014.02	1014.05	1014.08	1014.09	1014.10	1014.10	1014.08	1014.09	1014.13	1014.05
	17	1014.17	1014.21	1014.22	1014.23	1014.25	1014.28	1014.33	1014.36	1014.38	1014.38	1014.38	1014.39	1014.30
	18	1014.43	1014.44	1014.43	1014.42	1014.43	1014.48	1014.58	1014.68	1014.71	1014.69	1014.66	1014.65	1014.55
	19	1014.67	1014.71	1014.76	1014.80	1014.82	1014.79	1014.80	1014.85	1014.90	1014.93	1014.94	1014.98	1014.82
	20	1015.07	1015.14	1015.15	1015.13	1015.13	1015.18	1015.20	1015.19	1015.19	1015.22	1015.29	1015.35	1015.18
	21	1015.37	1015.34	1015.32	1015.32	1015.32	1015.35	1015.36	1015.33	1015.29	1015.23	1015.19	1015.13	1015.29
	22	1015.11	1015.16	1015.21	1015.23	1015.22	1015.17	1015.11	1015.10	1015.09	1015.06	1015.03	1015.01	1015.12
	23	1015.04	1015.06	1015.08	1015.10	1015.08	1015.06	1015.04	1014.97	1014.92	1014.90	1014.85	1014.80	1014.99

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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	1014.69	1014.67	1014.64	1014.61	1014.59	1014.59	1014.58	1014.54	1014.50	1014.47	1014.42	1014.38	1014.55
	1	1014.42	1014.47	1014.47	1014.46	1014.43	1014.40	1014.36	1014.32	1014.29	1014.26	1014.22	1014.20	1014.36
	2	1014.17	1014.16	1014.18	1014.16	1014.12	1014.10	1014.09	1014.06	1014.01	1013.96	1013.91	1013.84	1014.06
	3	1013.79	1013.77	1013.74	1013.68	1013.63	1013.62	1013.60	1013.56	1013.51	1013.45	1013.41	1013.40	1013.59
	4	1013.36	1013.31	1013.26	1013.23	1013.23	1013.24	1013.27	1013.29	1013.29	1013.29	1013.31	1013.31	1013.28
	5	1013.29	1013.25	1013.20	1013.21	1013.23	1013.22	1013.22	1013.23	1013.24	1013.24	1013.25	1013.27	1013.23
	6	1013.28	1013.28	1013.29	1013.31	1013.33	1013.35	1013.37	1013.36	1013.32	1013.30	1013.32	1013.32	1013.32
	7	1013.30	1013.30	1013.31	1013.28	1013.24	1013.20	1013.19	1013.23	1013.28	1013.29	1013.32	1013.35	1013.27
	8	1013.36	1013.38	1013.40	1013.44	1013.46	1013.44	1013.44	1013.45	1013.46	1013.46	1013.45	1013.44	1013.43
	9	1013.44	1013.43	1013.37	1013.30	1013.25	1013.22	1013.21	1013.18	1013.12	1013.04	1012.97	1012.92	1013.20
	10	1012.88	1012.84	1012.80	1012.76	1012.72	1012.67	1012.59	1012.49	1012.41	1012.32	1012.22	1012.15	1012.57
	11	1012.08	1011.99	1011.90	1011.81	1011.71	1011.62	1011.57	1011.51	1011.44	1011.38	1011.32	1011.27	1011.63
	12	1011.23	1011.16	1011.08	1010.98	1010.85	1010.74	1010.68	1010.64	1010.59	1010.54	1010.46	1010.38	1010.78
	13	1010.34	1010.31	1010.27	1010.22	1010.17	1010.10	1010.04	1010.03	1010.02	1010.02	1010.03	1010.02	1010.13
	14	1010.01	1010.03	1010.04	1010.05	1010.09	1010.11	1010.12	1010.13	1010.15	1010.17	1010.19	1010.24	1010.11
	15	1010.27	1010.29	1010.29	1010.28	1010.28	1010.26	1010.25	1010.26	1010.28	1010.28	1010.25	1010.22	1010.27
	16	1010.21	1010.21	1010.20	1010.16	1010.13	1010.16	1010.17	1010.17	1010.17	1010.19	1010.22	1010.24	1010.18
	17	1010.24	1010.26	1010.30	1010.34	1010.38	1010.37	1010.39	1010.44	1010.49	1010.51	1010.52	1010.52	1010.39
	18	1010.55	1010.59	1010.62	1010.67	1010.72	1010.73	1010.73	1010.72	1010.70	1010.72	1010.77	1010.81	1010.69
	19	1010.80	1010.78	1010.79	1010.82	1010.85	1010.85	1010.83	1010.82	1010.80	1010.79	1010.81	1010.86	1010.81
	20	1010.92	1010.97	1010.99	1010.99	1010.98	1010.94	1010.91	1010.93	1010.95	1010.95	1010.95	1010.93	1010.95
	21	1010.91	1010.88	1010.86	1010.85	1010.87	1010.89	1010.87	1010.85	1010.84	1010.80	1010.80	1010.83	1010.85
	22	1010.84	1010.81	1010.77	1010.75	1010.74	1010.69	1010.61	1010.56	1010.54	1010.49	1010.42	1010.37	1010.63
	23	1010.34	1010.29	1010.24	1010.19	1010.14	1010.10	1010.05	1010.00	1009.94	1009.90	1009.86	1009.81	1010.07
16	0	1009.75	1009.74	1009.70	1009.64	1009.60	1009.58	1009.56	1009.56	1009.56	1009.55	1009.55	1009.54	1009.60
	1	1009.53	1009.52	1009.51	1009.49	1009.47	1009.47	1009.47	1009.45	1009.43	1009.42	1009.37	1009.35	1009.45
	2	1009.32	1009.28	1009.25	1009.25	1009.26	1009.26	1009.24	1009.23	1009.23	1009.18	1009.09	1009.03	1009.22
	3	1008.99	1008.97	1008.98	1008.96	1008.92	1008.90	1008.89	1008.87	1008.85	1008.82	1008.76	1008.73	1008.88
	4	1008.75	1008.77	1008.82	1008.82	1008.78	1008.74	1008.68	1008.62	1008.63	1008.69	1008.77	1008.80	1008.74
	5	1008.77	1008.70	1008.67	1008.71	1008.77	1008.79	1008.79	1008.78	1008.75	1008.78	1008.82	1008.85	1008.76
	6	1008.86	1008.85	1008.83	1008.83	1008.80	1008.81	1008.83	1008.80	1008.77	1008.75	1008.75	1008.76	1008.80
	7	1008.76	1008.75	1008.77	1008.79	1008.79	1008.78	1008.76	1008.76	1008.80	1008.80	1008.82	1008.85	1008.78
	8	1008.83	1008.82	1008.85	1008.89	1008.91	1008.92	1008.91	1008.87	1008.83	1008.83	1008.84	1008.81	1008.86
	9	1008.77	1008.75	1008.77	1008.77	1008.75	1008.75	1008.74	1008.69	1008.67	1008.66	1008.65	1008.66	1008.72
	10	1008.62	1008.55	1008.51	1008.48	1008.45	1008.41	1008.36	1008.29	1008.23	1008.19	1008.15	1008.14	1008.36
	11	1008.11	1008.04	1007.96	1007.86	1007.75	1007.63	1007.54	1007.46	1007.39	1007.33	1007.26	1007.18	1007.62
	12	1007.11	1007.06	1007.01	1006.92	1006.84	1006.80	1006.76	1006.72	1006.68	1006.66	1006.66	1006.66	1006.82
	13	1006.68	1006.68	1006.64	1006.59	1006.55	1006.51	1006.49	1006.51	1006.52	1006.51	1006.48	1006.44	1006.55
	14	1006.43	1006.46	1006.53	1006.59	1006.62	1006.64	1006.67	1006.71	1006.72	1006.74	1006.77	1006.81	1006.64
	15	1006.86	1006.91	1006.92	1006.90	1006.91	1006.92	1006.90	1006.91	1006.93	1006.93	1006.92	1006.96	1006.91
	16	1006.94	1006.89	1006.88	1006.87	1006.84	1006.83	1006.84	1006.87	1006.88	1006.88	1006.87	1006.87	1006.87
	17	1006.90	1006.93	1006.94	1006.92	1006.93	1006.95	1006.95	1006.99	1007.03	1007.05	1007.06	1007.09	1006.98
	18	1007.10	1007.09	1007.13	1007.11	1007.08	1007.11	1007.16	1007.18	1007.20	1007.23	1007.23	1007.26	1007.15
	19	1007.29	1007.34	1007.41	1007.45	1007.43	1007.45	1007.50	1007.55	1007.57	1007.56	1007.53	1007.53	1007.47
	20	1007.58	1007.63	1007.65	1007.64	1007.60	1007.54	1007.50	1007.50	1007.52	1007.55	1007.56	1007.54	1007.57
	21	1007.53	1007.55	1007.55	1007.56	1007.53	1007.48	1007.48	1007.52	1007.56	1007.58	1007.63	1007.68	1007.55
	22	1007.69	1007.69	1007.69	1007.68	1007.67	1007.65	1007.65	1007.62	1007.58	1007.57	1007.57	1007.56	1007.63
	23	1007.52	1007.50	1007.52	1007.55	1007.53	1007.50	1007.47	1007.44	1007.38	1007.28	1007.23	1007.25	1007.43

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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
17	0	1007.22	1007.22	1007.21	1007.21	1007.25	1007.30	1007.35	1007.37	1007.31	1007.26	1007.25	1007.28	1007.27
	1	1007.36	1007.48	1007.54	1007.58	1007.58	1007.55	1007.59	1007.65	1007.64	1007.55	1007.49	1007.45	1007.54
	2	1007.39	1007.35	1007.36	1007.42	1007.42	1007.33	1007.26	1007.28	1007.31	1007.33	1007.35	1007.35	1007.34
	3	1007.29	1007.22	1007.21	1007.26	1007.23	1007.15	1007.14	1007.07	1007.01	1007.03	1006.99	1006.82	1007.12
	4	1006.71	1006.85	1006.94	1006.90	1006.87	1006.84	1006.83	1006.82	1006.74	1006.70	1006.73	1006.76	1006.81
	5	1006.84	1006.90	1006.90	1006.96	1007.00	1006.94	1006.91	1006.91	1006.92	1006.98	1007.10	1007.20	1006.96
	6	1007.24	1007.29	1007.28	1007.13	1006.91	1006.74	1006.62	1006.55	1006.49	1006.39	1006.33	1006.28	1006.77
	7	1006.24	1006.26	1006.26	1006.19	1006.23	1006.20	1006.06	1005.98	1005.84	1005.80	1005.88	1005.91	1006.07
	8	1005.86	1005.76	1005.78	1005.84	1005.88	1005.94	1006.11	1006.17	1006.06	1005.92	1005.85	1005.89	1005.92
	9	1005.90	1005.97	1006.12	1006.07	1005.93	1005.93	1005.93	1005.88	1005.73	1005.59	1005.50	1005.41	1005.83
	10	1005.28	1005.18	1005.12	1005.02	1004.95	1004.80	1004.59	1004.44	1004.36	1004.33	1004.27	1004.19	1004.71
	11	1004.11	1003.99	1003.83	1003.69	1003.52	1003.40	1003.36	1003.29	1003.20	1003.04	1002.95	1002.90	1003.44
	12	1002.79	1002.73	1002.67	1002.59	1002.51	1002.39	1002.39	1002.37	1002.18	1002.01	1001.83	1001.57	1002.33
	13	1001.41	1001.51	1001.64	1001.59	1001.37	1001.12	1000.98	1000.83	1000.85	1000.86	1000.82	1000.85	1001.15
	14	1000.69	1000.52	1000.49	1000.61	1000.68	1000.64	1000.60	1000.62	1000.69	1000.79	1000.79	1000.66	1000.65
	15	1000.51	1000.38	1000.22	1000.01	999.92	999.85	999.66	999.49	999.46	999.42	999.41	999.41	999.81
	16	999.31	999.19	999.07	998.99	998.98	999.25	999.34	999.05	998.85	998.76	998.75	998.77	999.02
	17	998.68	998.62	998.69	998.82	998.90	998.87	998.81	998.74	998.63	998.50	998.37	998.30	998.66
	18	998.16	997.90	997.79	997.99	998.29	998.18	997.97	997.86	997.79	997.76	997.52	997.42	997.88
	19	997.50	997.34	997.16	997.09	996.98	996.91	996.80	996.72	996.60	996.47	996.31	996.13	996.83
	20	996.39	996.70	996.62	996.44	996.32	996.09	995.93	995.90	995.88	996.01	996.00	995.96	996.19
	21	996.13	996.08	995.98	995.75	995.49	995.46	995.38	995.33	995.26	995.22	995.22	995.18	995.54
	22	995.20	995.12	994.92	994.73	994.70	994.74	995.10	995.30	995.05	994.94	994.94	995.14	994.99
	23	995.31	995.34	995.20	994.91	994.69	994.53	994.66	994.84	994.72	994.62	994.65	994.68	994.84
18	0	994.67	994.68	994.49	994.28	994.32	994.34	994.24	994.11	994.14	994.13	994.04	994.04	994.27
	1	994.00	993.97	994.04	994.04	993.98	994.01	993.99	993.97	993.97	993.95	993.93	993.88	993.97
	2	993.89	993.97	994.15	994.31	994.35	994.44	994.59	994.69	994.84	994.98	995.00	994.98	994.51
	3	995.04	995.24	995.32	995.33	995.38	995.41	995.47	995.49	995.43	995.40	995.49	995.57	995.38
	4	995.61	995.63	995.66	995.73	995.74	995.68	995.69	995.71	995.71	995.62	995.54	995.57	995.66
	5	995.68	995.79	995.77	995.80	995.85	995.88	995.92	996.03	996.21	996.36	996.64	996.94	996.07
	6	997.04	997.05	997.09	997.20	997.32	997.45	997.52	997.47	997.55	997.66	997.64	997.63	997.38
	7	997.74	997.85	997.95	998.17	998.29	998.29	998.34	998.44	998.54	998.60	998.72	998.83	998.31
	8	998.94	999.03	999.09	999.14	999.23	999.32	999.35	999.37	999.41	999.47	999.54	999.60	999.29
	9	999.66	999.75	999.86	999.93	999.99	1000.06	1000.13	1000.22	1000.26	1000.28	1000.30	1000.33	1000.06
	10	1000.32	1000.27	1000.24	1000.31	1000.42	1000.44	1000.46	1000.51	1000.57	1000.62	1000.71	1000.85	1000.48
	11	1000.92	1000.94	1000.96	1000.99	1001.00	1000.99	1001.01	1001.05	1001.06	1001.05	1001.05	1001.04	1001.00
	12	1001.02	1001.01	1001.03	1001.04	1001.02	1001.01	1001.04	1001.10	1001.17	1001.22	1001.26	1001.32	1001.10
	13	1001.40	1001.47	1001.50	1001.48	1001.47	1001.52	1001.60	1001.65	1001.66	1001.69	1001.75	1001.79	1001.58
	14	1001.88	1001.96	1002.04	1002.13	1002.20	1002.25	1002.28	1002.33	1002.39	1002.44	1002.49	1002.55	1002.24
	15	1002.65	1002.76	1002.88	1002.99	1003.10	1003.21	1003.28	1003.37	1003.48	1003.58	1003.71	1003.84	1003.23
	16	1003.96	1004.07	1004.15	1004.21	1004.31	1004.41	1004.51	1004.63	1004.73	1004.81	1004.92	1005.02	1004.47
	17	1005.07	1005.11	1005.16	1005.20	1005.27	1005.37	1005.51	1005.62	1005.67	1005.71	1005.78	1005.92	1005.45
	18	1006.05	1006.14	1006.21	1006.28	1006.33	1006.41	1006.46	1006.48	1006.53	1006.62	1006.71	1006.82	1006.42
	19	1006.94	1007.06	1007.17	1007.25	1007.30	1007.40	1007.52	1007.59	1007.68	1007.78	1007.85	1007.92	1007.45
	20	1007.98	1008.03	1008.07	1008.11	1008.18	1008.26	1008.34	1008.42	1008.54	1008.59	1008.51	1008.45	1008.29
	21	1008.50	1008.62	1008.71	1008.78	1008.85	1008.86	1008.87	1008.88	1008.89	1008.95	1009.00	1008.98	1008.82
	22	1008.95	1008.96	1009.06	1009.17	1009.20	1009.21	1009.26	1009.33	1009.39	1009.42	1009.45	1009.47	1009.24
	23	1009.48	1009.50	1009.49	1009.53	1009.56	1009.56	1009.58	1009.61	1009.65	1009.65	1009.62	1009.65	1009.57

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
19	0	1009.73	1009.73	1009.74	1009.76	1009.77	1009.77	1009.84	1009.90	1009.86	1009.80	1009.78	1009.81	1009.79
	1	1009.83	1009.82	1009.78	1009.73	1009.69	1009.65	1009.69	1009.81	1009.83	1009.84	1009.89	1009.89	1009.78
	2	1009.88	1009.93	1009.97	1010.00	1010.05	1010.08	1010.08	1010.06	1010.01	1009.99	1010.00	1009.98	1010.00
	3	1009.92	1009.94	1009.96	1009.93	1009.89	1009.85	1009.75	1009.67	1009.67	1009.71	1009.78	1009.78	1009.82
	4	1009.77	1009.75	1009.70	1009.72	1009.75	1009.74	1009.70	1009.64	1009.64	1009.74	1009.77	1009.72	1009.72
	5	1009.67	1009.62	1009.60	1009.60	1009.60	1009.58	1009.57	1009.58	1009.57	1009.56	1009.56	1009.63	1009.59
	6	1009.70	1009.76	1009.82	1009.84	1009.84	1009.84	1009.83	1009.85	1009.90	1009.91	1009.91	1009.89	1009.84
	7	1009.88	1009.85	1009.80	1009.80	1009.80	1009.81	1009.83	1009.86	1009.89	1009.90	1009.90	1009.90	1009.85
	8	1009.92	1009.95	1010.01	1010.04	1010.04	1010.06	1010.08	1010.08	1010.10	1010.12	1010.14	1010.16	1010.06
	9	1010.14	1010.12	1010.10	1010.10	1010.13	1010.13	1010.10	1010.05	1009.99	1009.96	1009.96	1009.94	1010.06
	10	1009.94	1009.89	1009.81	1009.74	1009.69	1009.63	1009.59	1009.56	1009.52	1009.50	1009.46	1009.40	1009.64
	11	1009.33	1009.28	1009.27	1009.23	1009.14	1009.07	1009.01	1008.91	1008.81	1008.76	1008.73	1008.68	1009.02
	12	1008.59	1008.46	1008.37	1008.28	1008.18	1008.11	1008.00	1007.93	1007.91	1007.89	1007.83	1007.77	1008.11
	13	1007.74	1007.72	1007.71	1007.71	1007.68	1007.62	1007.59	1007.60	1007.64	1007.67	1007.68	1007.66	1007.67
	14	1007.62	1007.52	1007.41	1007.35	1007.38	1007.44	1007.46	1007.49	1007.48	1007.45	1007.46	1007.44	1007.45
	15	1007.44	1007.40	1007.34	1007.33	1007.36	1007.37	1007.35	1007.29	1007.18	1007.12	1007.11	1007.11	1007.28
	16	1007.10	1007.08	1007.07	1007.08	1007.05	1007.00	1006.94	1006.92	1006.89	1006.86	1006.86	1006.85	1006.97
	17	1006.84	1006.83	1006.83	1006.84	1006.85	1006.88	1006.89	1006.88	1006.87	1006.84	1006.83	1006.82	1006.85
	18	1006.81	1006.85	1006.85	1006.77	1006.76	1006.78	1006.77	1006.75	1006.76	1006.78	1006.80	1006.80	1006.79
	19	1006.78	1006.78	1006.76	1006.73	1006.71	1006.68	1006.70	1006.73	1006.79	1006.84	1006.85	1006.86	1006.77
	20	1006.86	1006.85	1006.84	1006.84	1006.85	1006.84	1006.83	1006.81	1006.77	1006.74	1006.72	1006.68	1006.80
	21	1006.63	1006.58	1006.53	1006.49	1006.45	1006.40	1006.34	1006.28	1006.23	1006.19	1006.14	1006.05	1006.36
	22	1005.97	1005.96	1005.97	1005.93	1005.95	1006.04	1006.08	1006.07	1006.06	1006.02	1006.01	1006.04	1006.01
23	1006.04	1006.04	1006.02	1006.02	1006.02	1005.96	1005.89	1005.87	1005.88	1005.91	1005.89	1005.88	1005.95	
20	0	1005.84	1005.79	1005.74	1005.75	1005.76	1005.74	1005.73	1005.73	1005.76	1005.78	1005.77	1005.77	1005.76
	1	1005.77	1005.77	1005.73	1005.67	1005.68	1005.72	1005.73	1005.75	1005.79	1005.80	1005.79	1005.79	1005.75
	2	1005.77	1005.75	1005.71	1005.68	1005.63	1005.57	1005.51	1005.45	1005.42	1005.42	1005.43	1005.44	1005.56
	3	1005.46	1005.46	1005.45	1005.40	1005.40	1005.40	1005.37	1005.31	1005.35	1005.39	1005.36	1005.39	1005.39
	4	1005.43	1005.48	1005.56	1005.60	1005.57	1005.56	1005.60	1005.65	1005.71	1005.75	1005.77	1005.75	1005.62
	5	1005.76	1005.80	1005.84	1005.87	1005.89	1005.94	1006.03	1006.12	1006.18	1006.24	1006.28	1006.28	1006.02
	6	1006.28	1006.27	1006.27	1006.26	1006.27	1006.30	1006.34	1006.41	1006.45	1006.47	1006.51	1006.57	1006.37
	7	1006.68	1006.79	1006.85	1006.88	1006.90	1006.95	1007.00	1007.07	1007.17	1007.24	1007.28	1007.30	1007.01
	8	1007.36	1007.45	1007.50	1007.53	1007.58	1007.64	1007.68	1007.74	1007.80	1007.86	1007.93	1008.01	1007.67
	9	1008.10	1008.14	1008.15	1008.22	1008.29	1008.34	1008.37	1008.41	1008.43	1008.40	1008.35	1008.33	1008.29
	10	1008.37	1008.35	1008.31	1008.30	1008.26	1008.25	1008.26	1008.22	1008.20	1008.23	1008.27	1008.28	1008.27
	11	1008.27	1008.22	1008.16	1008.13	1008.12	1008.12	1008.13	1008.11	1008.07	1008.02	1008.00	1008.03	1008.11
	12	1008.05	1008.03	1008.03	1008.03	1008.01	1007.99	1007.98	1007.97	1007.98	1008.03	1008.09	1008.13	1008.02
	13	1008.15	1008.18	1008.22	1008.28	1008.34	1008.41	1008.47	1008.53	1008.57	1008.59	1008.62	1008.65	1008.42
	14	1008.68	1008.69	1008.70	1008.75	1008.76	1008.77	1008.83	1008.91	1008.97	1009.01	1009.05	1009.06	1008.85
	15	1009.07	1009.14	1009.19	1009.21	1009.25	1009.28	1009.30	1009.31	1009.31	1009.35	1009.37	1009.38	1009.26
	16	1009.39	1009.44	1009.54	1009.62	1009.67	1009.70	1009.72	1009.73	1009.77	1009.78	1009.80	1009.82	1009.66
	17	1009.85	1009.89	1009.96	1009.99	1010.01	1010.06	1010.07	1010.08	1010.09	1010.07	1010.08	1010.15	1010.02
	18	1010.24	1010.31	1010.34	1010.35	1010.38	1010.43	1010.50	1010.51	1010.47	1010.46	1010.45	1010.44	1010.40
	19	1010.49	1010.54	1010.60	1010.68	1010.72	1010.72	1010.78	1010.88	1010.94	1010.98	1011.01	1011.03	1010.78
	20	1010.98	1010.95	1010.97	1011.01	1011.01	1011.04	1011.08	1011.11	1011.17	1011.18	1011.21	1011.30	1011.08
	21	1011.38	1011.38	1011.44	1011.57	1011.58	1011.58	1011.59	1011.68	1011.81	1011.86	1011.87	1011.90	1011.63
	22	1011.96	1011.98	1012.00	1012.03	1012.05	1012.05	1012.07	1012.08	1012.05	1012.03	1012.03	1012.01	1012.03
23	1011.96	1011.94	1011.94	1011.94	1011.95	1012.00	1012.04	1012.05	1012.06	1012.07	1012.07	1012.07	1012.01	

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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	1012.11	1012.12	1012.13	1012.16	1012.22	1012.24	1012.27	1012.32	1012.35	1012.36	1012.38	1012.41	1012.26
	1	1012.46	1012.48	1012.45	1012.45	1012.44	1012.44	1012.48	1012.45	1012.43	1012.43	1012.38	1012.39	1012.44
	2	1012.45	1012.45	1012.39	1012.32	1012.27	1012.24	1012.20	1012.17	1012.16	1012.14	1012.11	1012.12	1012.25
	3	1012.16	1012.18	1012.19	1012.19	1012.18	1012.16	1012.19	1012.23	1012.25	1012.25	1012.21	1012.19	1012.20
	4	1012.19	1012.22	1012.23	1012.20	1012.20	1012.20	1012.14	1012.13	1012.19	1012.19	1012.17	1012.16	1012.18
	5	1012.20	1012.24	1012.22	1012.23	1012.26	1012.28	1012.31	1012.33	1012.38	1012.44	1012.46	1012.46	1012.31
	6	1012.43	1012.46	1012.50	1012.52	1012.57	1012.59	1012.60	1012.56	1012.56	1012.59	1012.58	1012.56	1012.54
	7	1012.60	1012.71	1012.80	1012.78	1012.71	1012.70	1012.74	1012.74	1012.78	1012.85	1012.92	1012.93	1012.77
	8	1012.91	1012.90	1012.93	1012.99	1013.03	1013.01	1012.95	1012.92	1012.94	1012.99	1013.01	1013.00	1012.96
	9	1013.00	1013.05	1013.16	1013.27	1013.26	1013.18	1013.18	1013.20	1013.22	1013.18	1013.08	1013.03	1013.15
	10	1012.96	1012.89	1012.87	1012.81	1012.73	1012.67	1012.66	1012.69	1012.68	1012.61	1012.57	1012.58	1012.72
	11	1012.59	1012.50	1012.41	1012.37	1012.33	1012.29	1012.26	1012.23	1012.19	1012.16	1012.14	1012.11	1012.30
	12	1012.03	1011.95	1011.93	1011.91	1011.88	1011.88	1011.89	1011.87	1011.88	1011.88	1011.83	1011.83	1011.90
	13	1011.88	1011.93	1011.96	1011.93	1011.89	1011.87	1011.85	1011.85	1011.83	1011.82	1011.83	1011.83	1011.87
	14	1011.77	1011.75	1011.76	1011.77	1011.77	1011.73	1011.71	1011.71	1011.75	1011.79	1011.81	1011.84	1011.76
	15	1011.86	1011.83	1011.80	1011.79	1011.80	1011.83	1011.86	1011.84	1011.85	1011.90	1011.90	1011.91	1011.85
	16	1011.93	1011.93	1011.92	1011.91	1011.93	1011.94	1011.92	1011.92	1011.94	1011.97	1012.03	1012.06	1011.95
	17	1012.06	1012.06	1012.06	1012.04	1012.04	1012.05	1012.00	1011.93	1011.89	1011.86	1011.84	1011.87	1011.97
	18	1011.90	1011.93	1011.96	1011.96	1011.94	1011.94	1011.96	1011.90	1011.87	1011.88	1011.85	1011.82	1011.91
	19	1011.85	1011.88	1011.84	1011.79	1011.80	1011.81	1011.75	1011.68	1011.66	1011.66	1011.64	1011.63	1011.75
	20	1011.63	1011.62	1011.63	1011.62	1011.60	1011.63	1011.67	1011.66	1011.64	1011.63	1011.62	1011.57	1011.62
	21	1011.49	1011.48	1011.54	1011.60	1011.67	1011.74	1011.76	1011.70	1011.63	1011.60	1011.65	1011.73	1011.63
	22	1011.74	1011.71	1011.71	1011.73	1011.76	1011.81	1011.86	1011.87	1011.87	1011.86	1011.86	1011.87	1011.80
	23	1011.80	1011.69	1011.57	1011.47	1011.39	1011.34	1011.31	1011.27	1011.25	1011.24	1011.21	1011.20	1011.39
22	0	1011.22	1011.22	1011.22	1011.22	1011.24	1011.26	1011.25	1011.24	1011.24	1011.25	1011.26	1011.27	1011.24
	1	1011.26	1011.26	1011.27	1011.28	1011.27	1011.24	1011.21	1011.17	1011.12	1011.04	1010.96	1010.95	1011.17
	2	1010.94	1010.87	1010.78	1010.70	1010.65	1010.62	1010.60	1010.56	1010.53	1010.51	1010.47	1010.41	1010.63
	3	1010.35	1010.32	1010.26	1010.18	1010.11	1010.06	1010.05	1010.04	1010.02	1009.98	1009.97	1009.98	1010.11
	4	1009.96	1009.92	1009.90	1009.90	1009.87	1009.85	1009.83	1009.79	1009.76	1009.76	1009.76	1009.76	1009.84
	5	1009.78	1009.80	1009.80	1009.81	1009.80	1009.82	1009.90	1009.93	1009.96	1009.95	1009.92	1009.91	1009.86
	6	1009.89	1009.90	1009.95	1009.97	1009.96	1009.95	1009.94	1009.90	1009.86	1009.86	1009.85	1009.81	1009.90
	7	1009.75	1009.65	1009.62	1009.63	1009.65	1009.68	1009.73	1009.75	1009.77	1009.81	1009.83	1009.85	1009.72
	8	1009.88	1009.90	1009.90	1009.87	1009.86	1009.88	1009.92	1009.96	1009.97	1009.96	1009.89	1009.83	1009.90
	9	1009.84	1009.87	1009.86	1009.89	1009.91	1009.93	1009.98	1009.98	1009.96	1009.98	1010.01	1010.01	1009.93
	10	1009.95	1009.84	1009.74	1009.71	1009.70	1009.68	1009.70	1009.69	1009.65	1009.61	1009.54	1009.44	1009.69
	11	1009.37	1009.34	1009.33	1009.30	1009.22	1009.15	1009.09	1009.06	1009.04	1009.04	1009.05	1009.01	1009.16
	12	1008.95	1008.93	1008.87	1008.83	1008.85	1008.84	1008.77	1008.68	1008.60	1008.53	1008.54	1008.56	1008.74
	13	1008.54	1008.50	1008.45	1008.40	1008.33	1008.29	1008.28	1008.29	1008.30	1008.29	1008.29	1008.33	1008.35
	14	1008.40	1008.43	1008.46	1008.52	1008.50	1008.41	1008.39	1008.41	1008.39	1008.38	1008.39	1008.43	1008.42
	15	1008.43	1008.40	1008.38	1008.36	1008.37	1008.38	1008.34	1008.31	1008.31	1008.31	1008.28	1008.25	1008.34
	16	1008.29	1008.29	1008.23	1008.26	1008.30	1008.30	1008.24	1008.23	1008.27	1008.30	1008.31	1008.31	1008.28
	17	1008.30	1008.28	1008.25	1008.25	1008.28	1008.24	1008.22	1008.24	1008.28	1008.34	1008.33	1008.25	1008.27
	18	1008.24	1008.23	1008.17	1008.12	1008.06	1007.99	1007.97	1007.92	1007.84	1007.73	1007.63	1007.59	1007.95
	19	1007.54	1007.46	1007.36	1007.26	1007.15	1007.10	1007.12	1007.09	1007.08	1007.11	1007.14	1007.19	1007.22
	20	1007.29	1007.33	1007.31	1007.27	1007.19	1007.11	1007.07	1007.05	1006.98	1006.89	1006.88	1006.88	1007.10
	21	1006.88	1006.93	1006.94	1006.88	1006.80	1006.79	1006.83	1006.85	1006.84	1006.81	1006.80	1006.79	1006.84
	22	1006.78	1006.81	1006.85	1006.79	1006.70	1006.67	1006.68	1006.64	1006.57	1006.49	1006.40	1006.30	1006.64
	23	1006.19	1006.13	1006.10	1006.09	1006.02	1005.92	1005.84	1005.75	1005.68	1005.57	1005.44	1005.33	1005.84

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
23	0	1005.29	1005.25	1005.18	1005.20	1005.21	1005.12	1005.02	1004.92	1004.87	1004.82	1004.75	1004.69	1005.01
	1	1004.53	1004.42	1004.47	1004.54	1004.51	1004.53	1004.60	1004.62	1004.56	1004.46	1004.38	1004.25	1004.49
	2	1004.20	1004.24	1004.12	1003.97	1003.86	1003.70	1003.56	1003.43	1003.22	1003.15	1003.15	1003.07	1003.64
	3	1003.05	1002.98	1002.82	1002.71	1002.67	1002.67	1002.59	1002.55	1002.57	1002.47	1002.39	1002.31	1002.65
	4	1002.25	1002.24	1002.23	1002.23	1002.19	1002.17	1002.16	1002.06	1001.98	1001.97	1001.97	1002.02	1002.12
	5	1002.09	1002.13	1002.05	1001.96	1001.96	1001.92	1001.87	1001.81	1001.82	1001.87	1001.83	1001.87	1001.93
	6	1001.91	1001.89	1001.91	1001.89	1001.89	1001.89	1001.83	1001.82	1001.87	1001.94	1001.92	1001.80	1001.88
	7	1001.71	1001.70	1001.62	1001.45	1001.29	1001.29	1001.42	1001.50	1001.54	1001.52	1001.43	1001.35	1001.48
	8	1001.28	1001.23	1001.21	1001.18	1001.18	1001.17	1001.16	1001.12	1000.93	1000.72	1000.68	1000.79	1001.05
	9	1000.86	1000.88	1000.87	1000.81	1000.79	1000.84	1000.81	1000.67	1000.58	1000.60	1000.62	1000.56	1000.74
	10	1000.52	1000.46	1000.37	1000.28	1000.19	1000.05	999.92	999.84	999.70	999.63	999.58	999.38	999.99
	11	999.21	999.15	999.03	998.86	998.73	998.68	998.63	998.55	998.42	998.26	998.16	998.03	998.64
	12	997.86	997.75	997.72	997.58	997.35	997.22	997.09	997.00	996.90	996.71	996.55	996.43	997.18
	13	996.30	996.19	996.11	996.03	995.91	995.87	995.86	995.74	995.71	995.73	995.68	995.64	995.90
	14	995.60	995.58	995.51	995.48	995.48	995.37	995.17	995.09	995.13	995.11	995.02	994.92	995.29
	15	994.86	994.77	994.72	994.67	994.60	994.53	994.49	994.41	994.33	994.32	994.32	994.30	994.52
	16	994.25	994.13	994.05	994.00	993.84	993.72	993.72	993.78	993.81	993.75	993.67	993.67	993.86
	17	993.64	993.67	993.64	993.54	993.45	993.37	993.43	993.53	993.62	993.70	993.66	993.59	993.57
	18	993.57	993.49	993.44	993.56	993.70	993.88	994.00	993.91	993.69	993.21	993.07	993.39	993.57
	19	993.66	993.77	993.79	993.79	993.83	993.90	993.98	994.11	994.26	994.27	994.29	994.45	994.01
	20	994.59	994.69	994.83	994.94	994.95	995.00	995.05	995.07	995.10	995.06	995.07	995.11	994.95
	21	995.21	995.22	995.21	995.37	995.41	995.41	995.46	995.48	995.52	995.53	995.53	995.54	995.40
	22	995.54	995.53	995.49	995.44	995.45	995.51	995.49	995.43	995.38	995.34	995.39	995.39	995.45
	23	995.28	995.14	995.00	994.90	994.88	994.88	994.85	994.80	994.77	994.72	994.62	994.53	994.86
24	0	994.37	994.34	994.22	994.14	994.14	994.05	994.02	994.04	993.89	993.80	993.82	993.69	994.03
	1	993.60	993.57	993.56	993.60	993.60	993.53	993.47	993.45	993.41	993.39	993.41	993.43	993.50
	2	993.39	993.37	993.36	993.31	993.28	993.25	993.20	993.18	993.19	993.20	993.20	993.21	993.26
	3	993.27	993.29	993.29	993.30	993.30	993.32	993.35	993.40	993.43	993.43	993.45	993.46	993.35
	4	993.46	993.46	993.45	993.43	993.40	993.36	993.32	993.29	993.27	993.25	993.23	993.21	993.34
	5	993.25	993.26	993.26	993.30	993.36	993.40	993.46	993.52	993.55	993.60	993.63	993.66	993.43
	6	993.69	993.71	993.74	993.77	993.80	993.80	993.77	993.77	993.81	993.82	993.78	993.76	993.77
	7	993.76	993.77	993.77	993.76	993.77	993.78	993.82	993.84	993.89	993.95	993.94	993.90	993.83
	8	993.89	993.87	993.84	993.84	993.86	993.91	993.94	993.92	993.87	993.83	993.88	993.89	993.88
	9	993.80	993.81	993.84	993.86	993.85	993.77	993.71	993.66	993.60	993.53	993.47	993.49	993.70
	10	993.57	993.50	993.42	993.43	993.35	993.24	993.16	993.12	993.04	992.96	992.94	992.91	993.22
	11	992.88	992.77	992.70	992.75	992.77	992.76	992.75	992.71	992.72	992.71	992.76	992.87	992.76
	12	992.94	992.98	992.98	993.00	993.02	993.01	993.04	993.08	993.04	992.98	992.86	992.76	992.97
	13	992.73	992.65	992.54	992.48	992.52	992.71	993.04	993.15	993.06	993.01	992.99	993.01	992.82
	14	993.02	993.09	993.14	993.19	993.21	993.16	993.08	993.06	993.05	992.98	992.93	992.91	993.07
	15	992.90	992.89	992.84	992.82	992.87	992.91	992.94	992.96	992.97	992.99	992.99	993.03	992.92
	16	993.14	993.28	993.33	993.28	993.30	993.36	993.36	993.31	993.32	993.36	993.37	993.41	993.32
	17	993.44	993.47	993.49	993.49	993.50	993.52	993.53	993.55	993.59	993.61	993.61	993.62	993.53
	18	993.65	993.68	993.70	993.71	993.71	993.73	993.75	993.77	993.81	993.84	993.87	993.89	993.76
	19	993.89	993.91	993.93	993.95	993.98	994.00	993.99	994.00	994.03	994.06	994.10	994.12	994.00
	20	994.16	994.21	994.24	994.29	994.32	994.33	994.35	994.38	994.37	994.33	994.34	994.37	994.31
	21	994.39	994.40	994.42	994.42	994.42	994.44	994.47	994.51	994.53	994.55	994.59	994.62	994.48
	22	994.63	994.66	994.73	994.79	994.82	994.83	994.85	994.86	994.86	994.86	994.85	994.82	994.80
	23	994.80	994.80	994.77	994.75	994.77	994.76	994.74	994.75	994.79	994.79	994.79	994.84	994.78

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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	994.91	994.93	994.98	995.04	995.11	995.16	995.20	995.27	995.31	995.35	995.38	995.43	995.18
	1	995.49	995.51	995.51	995.57	995.63	995.69	995.75	995.81	995.86	995.90	995.92	995.94	995.71
	2	995.96	995.97	996.01	996.06	996.12	996.21	996.29	996.35	996.38	996.42	996.46	996.52	996.23
	3	996.57	996.64	996.76	996.85	996.90	996.94	996.99	997.04	997.12	997.20	997.28	997.35	996.97
	4	997.42	997.48	997.54	997.65	997.73	997.78	997.86	997.95	998.03	998.08	998.10	998.14	997.81
	5	998.23	998.32	998.38	998.44	998.51	998.57	998.61	998.67	998.72	998.77	998.86	998.99	998.59
	6	999.10	999.22	999.34	999.47	999.55	999.58	999.66	999.76	999.85	999.92	999.97	1000.04	999.62
	7	1000.14	1000.21	1000.25	1000.31	1000.40	1000.47	1000.58	1000.70	1000.79	1000.91	1001.00	1001.07	1000.57
	8	1001.10	1001.15	1001.28	1001.43	1001.52	1001.55	1001.62	1001.71	1001.83	1001.92	1001.93	1001.94	1001.58
	9	1002.00	1002.06	1002.10	1002.13	1002.14	1002.16	1002.21	1002.30	1002.32	1002.29	1002.33	1002.39	1002.20
	10	1002.41	1002.44	1002.46	1002.44	1002.47	1002.52	1002.56	1002.60	1002.67	1002.74	1002.70	1002.65	1002.55
	11	1002.65	1002.69	1002.73	1002.76	1002.76	1002.76	1002.81	1002.87	1002.84	1002.82	1002.83	1002.84	1002.78
	12	1002.90	1002.92	1002.88	1002.87	1002.89	1002.87	1002.89	1002.94	1003.00	1003.02	1002.97	1002.94	1002.92
	13	1002.94	1002.97	1003.04	1003.17	1003.19	1003.13	1003.17	1003.23	1003.29	1003.33	1003.36	1003.43	1003.19
	14	1003.45	1003.43	1003.48	1003.54	1003.64	1003.74	1003.80	1003.82	1003.84	1003.85	1003.87	1003.90	1003.70
	15	1003.92	1003.97	1003.98	1004.01	1004.06	1004.08	1004.14	1004.25	1004.29	1004.25	1004.24	1004.28	1004.12
	16	1004.33	1004.39	1004.42	1004.51	1004.60	1004.61	1004.60	1004.61	1004.66	1004.74	1004.78	1004.82	1004.59
	17	1004.88	1004.93	1004.99	1005.02	1005.06	1005.08	1005.08	1005.11	1005.16	1005.22	1005.29	1005.36	1005.10
	18	1005.39	1005.43	1005.53	1005.60	1005.60	1005.58	1005.59	1005.60	1005.60	1005.62	1005.65	1005.69	1005.57
	19	1005.72	1005.77	1005.79	1005.81	1005.84	1005.87	1005.91	1005.93	1005.93	1005.94	1005.96	1006.01	1005.87
	20	1006.07	1006.12	1006.16	1006.22	1006.26	1006.28	1006.29	1006.33	1006.39	1006.44	1006.48	1006.52	1006.29
	21	1006.54	1006.58	1006.64	1006.69	1006.72	1006.74	1006.77	1006.80	1006.84	1006.89	1006.95	1007.01	1006.76
	22	1007.04	1007.04	1007.01	1007.00	1006.99	1006.94	1006.90	1006.86	1006.84	1006.86	1006.89	1006.88	1006.93
	23	1006.85	1006.84	1006.84	1006.84	1006.84	1006.84	1006.86	1006.88	1006.88	1006.90	1006.92	1006.91	1006.86
26	0	1006.87	1006.89	1006.91	1006.89	1006.84	1006.81	1006.82	1006.87	1006.89	1006.95	1006.99	1006.95	1006.89
	1	1006.91	1006.90	1006.95	1007.00	1007.02	1007.03	1007.02	1007.04	1007.08	1007.08	1007.04	1007.01	1007.00
	2	1007.00	1006.98	1007.02	1007.07	1007.05	1007.00	1006.96	1006.94	1006.93	1006.90	1006.87	1006.86	1006.96
	3	1006.86	1006.88	1006.91	1006.92	1006.91	1006.88	1006.87	1006.89	1006.91	1006.88	1006.82	1006.80	1006.87
	4	1006.79	1006.73	1006.66	1006.68	1006.73	1006.73	1006.73	1006.75	1006.76	1006.75	1006.74	1006.76	1006.73
	5	1006.77	1006.76	1006.76	1006.77	1006.82	1006.87	1006.90	1006.92	1006.95	1006.93	1006.93	1006.99	1006.86
	6	1007.02	1007.05	1007.09	1007.11	1007.14	1007.20	1007.27	1007.34	1007.39	1007.43	1007.48	1007.50	1007.25
	7	1007.47	1007.49	1007.57	1007.67	1007.78	1007.83	1007.82	1007.87	1007.95	1008.00	1008.04	1008.06	1007.79
	8	1008.09	1008.09	1008.09	1008.16	1008.25	1008.33	1008.38	1008.41	1008.43	1008.46	1008.50	1008.54	1008.31
	9	1008.57	1008.59	1008.59	1008.58	1008.58	1008.58	1008.56	1008.53	1008.51	1008.47	1008.44	1008.41	1008.53
	10	1008.39	1008.34	1008.30	1008.28	1008.25	1008.24	1008.20	1008.14	1008.12	1008.08	1008.03	1007.99	1008.19
	11	1007.92	1007.85	1007.80	1007.76	1007.73	1007.70	1007.65	1007.61	1007.57	1007.55	1007.54	1007.54	1007.68
	12	1007.56	1007.56	1007.57	1007.57	1007.56	1007.57	1007.55	1007.51	1007.47	1007.43	1007.40	1007.35	1007.50
	13	1007.32	1007.30	1007.29	1007.29	1007.33	1007.39	1007.44	1007.48	1007.50	1007.53	1007.56	1007.58	1007.41
	14	1007.60	1007.62	1007.67	1007.70	1007.73	1007.78	1007.81	1007.81	1007.83	1007.88	1007.91	1007.94	1007.77
	15	1007.96	1008.00	1008.04	1008.07	1008.10	1008.15	1008.20	1008.21	1008.21	1008.25	1008.26	1008.26	1008.14
	16	1008.34	1008.42	1008.48	1008.53	1008.58	1008.60	1008.61	1008.65	1008.71	1008.76	1008.82	1008.89	1008.61
	17	1008.96	1009.03	1009.08	1009.13	1009.18	1009.20	1009.20	1009.21	1009.24	1009.32	1009.39	1009.45	1009.20
	18	1009.52	1009.55	1009.60	1009.66	1009.68	1009.68	1009.69	1009.72	1009.73	1009.75	1009.81	1009.89	1009.69
	19	1009.99	1010.05	1010.10	1010.19	1010.27	1010.30	1010.32	1010.37	1010.41	1010.44	1010.47	1010.48	1010.28
	20	1010.48	1010.51	1010.57	1010.64	1010.73	1010.80	1010.86	1010.96	1011.04	1011.08	1011.14	1011.21	1010.83
	21	1011.27	1011.36	1011.44	1011.50	1011.55	1011.59	1011.62	1011.66	1011.69	1011.73	1011.75	1011.76	1011.58
	22	1011.80	1011.79	1011.75	1011.71	1011.68	1011.68	1011.67	1011.65	1011.65	1011.68	1011.72	1011.77	1011.71
	23	1011.79	1011.81	1011.84	1011.87	1011.89	1011.91	1011.90	1011.90	1011.93	1011.98	1012.01	1012.00	1011.90

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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	1011.96	1011.95	1011.94	1011.96	1012.04	1012.09	1012.10	1012.15	1012.23	1012.31	1012.39	1012.49	1012.14
	1	1012.56	1012.62	1012.69	1012.75	1012.81	1012.89	1012.98	1013.03	1013.02	1012.97	1012.98	1013.00	1012.86
	2	1013.01	1013.05	1013.08	1013.08	1013.10	1013.15	1013.21	1013.21	1013.17	1013.17	1013.21	1013.24	1013.14
	3	1013.22	1013.18	1013.22	1013.32	1013.38	1013.40	1013.44	1013.47	1013.52	1013.58	1013.63	1013.67	1013.42
	4	1013.70	1013.75	1013.78	1013.80	1013.84	1013.88	1013.92	1013.98	1014.04	1014.09	1014.12	1014.17	1013.92
	5	1014.25	1014.31	1014.38	1014.47	1014.56	1014.60	1014.64	1014.71	1014.78	1014.85	1014.91	1014.93	1014.61
	6	1014.93	1014.98	1015.07	1015.17	1015.26	1015.29	1015.32	1015.35	1015.41	1015.44	1015.43	1015.48	1015.26
	7	1015.56	1015.62	1015.67	1015.75	1015.83	1015.87	1015.90	1015.91	1015.91	1015.95	1016.01	1016.07	1015.84
	8													
	9		1016.56	1016.56	1016.60	1016.65	1016.68	1016.70	1016.73	1016.76	1016.80	1016.87	1016.92	1016.70
	10	1016.94	1016.97	1016.95	1016.92	1016.93	1016.93	1016.97	1016.99	1016.99	1017.00	1017.01	1016.99	1016.96
	11	1016.93	1016.92	1016.99	1017.00	1016.97	1016.93	1016.94	1016.95	1016.94	1016.96	1016.95	1016.96	1016.95
	12	1016.98	1016.95	1016.89	1016.87	1016.87	1016.84	1016.83	1016.84	1016.82	1016.78	1016.75	1016.74	1016.85
	13	1016.75	1016.79	1016.80	1016.80	1016.79	1016.75	1016.70	1016.69	1016.72	1016.75	1016.79	1016.82	1016.76
	14	1016.88	1016.93	1016.96	1017.02	1017.09	1017.13	1017.16	1017.20	1017.24	1017.31	1017.37	1017.41	1017.14
	15	1017.45	1017.48	1017.48	1017.49	1017.52	1017.51	1017.48	1017.52	1017.56	1017.54	1017.55	1017.61	1017.51
	16	1017.65	1017.67	1017.68	1017.70	1017.75	1017.80	1017.83	1017.85	1017.86	1017.87	1017.88	1017.90	1017.78
	17	1017.94	1017.93	1017.92	1017.99	1018.06	1018.12	1018.21	1018.26	1018.26	1018.26	1018.30	1018.40	1018.14
	18	1018.44	1018.46	1018.52	1018.55	1018.56	1018.61	1018.67	1018.66	1018.65	1018.69	1018.75	1018.79	1018.61
	19	1018.83	1018.86	1018.92	1018.95	1018.94	1018.96	1019.00	1019.05	1019.08	1019.07	1019.09	1019.12	1018.99
	20	1019.18	1019.24	1019.27	1019.30	1019.35	1019.43	1019.47	1019.44	1019.42	1019.42	1019.46	1019.55	1019.37
	21	1019.58	1019.60	1019.62	1019.56	1019.53	1019.58	1019.61	1019.64	1019.65	1019.64	1019.63	1019.63	1019.60
	22	1019.66	1019.61	1019.55	1019.52	1019.49	1019.50	1019.52	1019.47	1019.43	1019.35	1019.33	1019.35	1019.48
	23	1019.39	1019.44	1019.47	1019.47	1019.46	1019.50	1019.50	1019.47	1019.45	1019.45	1019.45	1019.38	1019.45
28	0	1019.34	1019.36	1019.42	1019.47	1019.47	1019.53	1019.63	1019.66	1019.71	1019.77	1019.88	1020.01	1019.61
	1	1020.05	1020.06	1020.10	1020.14	1020.16	1020.16	1020.08	1019.97	1019.96	1019.99	1019.92	1019.87	1020.04
	2	1019.90	1019.95	1019.94	1019.87	1019.74	1019.73	1019.74	1019.70	1019.71	1019.71	1019.68	1019.58	1019.77
	3	1019.47	1019.42	1019.45	1019.51	1019.48	1019.40	1019.35	1019.32	1019.33	1019.35	1019.35	1019.33	1019.39
	4	1019.38	1019.42	1019.44	1019.51	1019.54	1019.55	1019.52	1019.49	1019.54	1019.58	1019.62	1019.65	1019.52
	5	1019.61	1019.57	1019.61	1019.73	1019.78	1019.78	1019.79	1019.80	1019.84	1019.87	1019.89	1019.96	1019.77
	6	1020.08	1020.19	1020.31	1020.38	1020.38	1020.43	1020.42	1020.33	1020.31	1020.32	1020.30	1020.31	1020.31
	7	1020.33	1020.33	1020.32	1020.34	1020.38	1020.40	1020.42	1020.41	1020.35	1020.31	1020.31	1020.35	1020.35
	8	1020.40	1020.43	1020.46	1020.51	1020.56	1020.59	1020.62	1020.68	1020.69	1020.69	1020.71	1020.72	1020.59
	9	1020.78	1020.83	1020.87	1020.84	1020.82	1020.79	1020.73	1020.69	1020.65	1020.65	1020.64	1020.62	1020.74
	10	1020.57	1020.48	1020.42	1020.38	1020.36	1020.35	1020.34	1020.31	1020.30	1020.29	1020.25	1020.18	1020.35
	11	1020.09	1020.03	1019.97	1019.95	1019.92	1019.84	1019.74	1019.68	1019.65	1019.61	1019.57	1019.57	1019.80
	12	1019.56	1019.55	1019.52	1019.45	1019.40	1019.41	1019.44	1019.43	1019.38	1019.33	1019.29	1019.23	1019.41
	13	1019.13	1019.06	1019.05	1019.06	1019.08	1019.09	1019.07	1019.08	1019.08	1019.05	1019.03	1019.06	1019.07
	14	1019.06	1018.96	1018.88	1018.85	1018.86	1018.86	1018.88	1018.95	1018.95	1018.96	1018.95	1018.91	1018.92
	15	1018.93	1018.92	1018.93	1018.94	1018.96	1018.99	1018.98	1018.98	1018.96	1018.97	1018.99	1018.99	1018.96
	16	1019.02	1019.05	1019.07	1019.14	1019.19	1019.24	1019.26	1019.25	1019.25	1019.24	1019.27	1019.30	1019.19
	17	1019.33	1019.38	1019.44	1019.53	1019.58	1019.60	1019.63	1019.67	1019.76	1019.82	1019.86	1019.81	1019.62
	18	1019.72	1019.71	1019.70	1019.71	1019.71	1019.77	1019.78	1019.73	1019.82	1019.92	1020.04	1020.12	1019.81
	19	1020.16	1020.17	1020.23	1020.32	1020.35	1020.37	1020.41	1020.46	1020.42	1020.42	1020.50	1020.57	1020.36
	20	1020.68	1020.75	1020.79	1020.81	1020.81	1020.80	1020.78	1020.85	1020.86	1020.78	1020.71	1020.68	1020.77
	21	1020.70	1020.75	1020.81	1020.86	1020.90	1020.95	1020.97	1020.97	1020.99	1020.97	1020.96	1020.99	1020.90
	22	1020.97	1020.96	1020.98	1020.91	1020.85	1020.86	1020.89	1020.90	1020.92	1020.88	1020.80	1020.86	1020.90
	23	1020.88	1020.84	1020.90	1020.94	1020.98	1020.95	1020.88	1020.90	1020.93	1020.90	1020.84	1020.80	1020.89

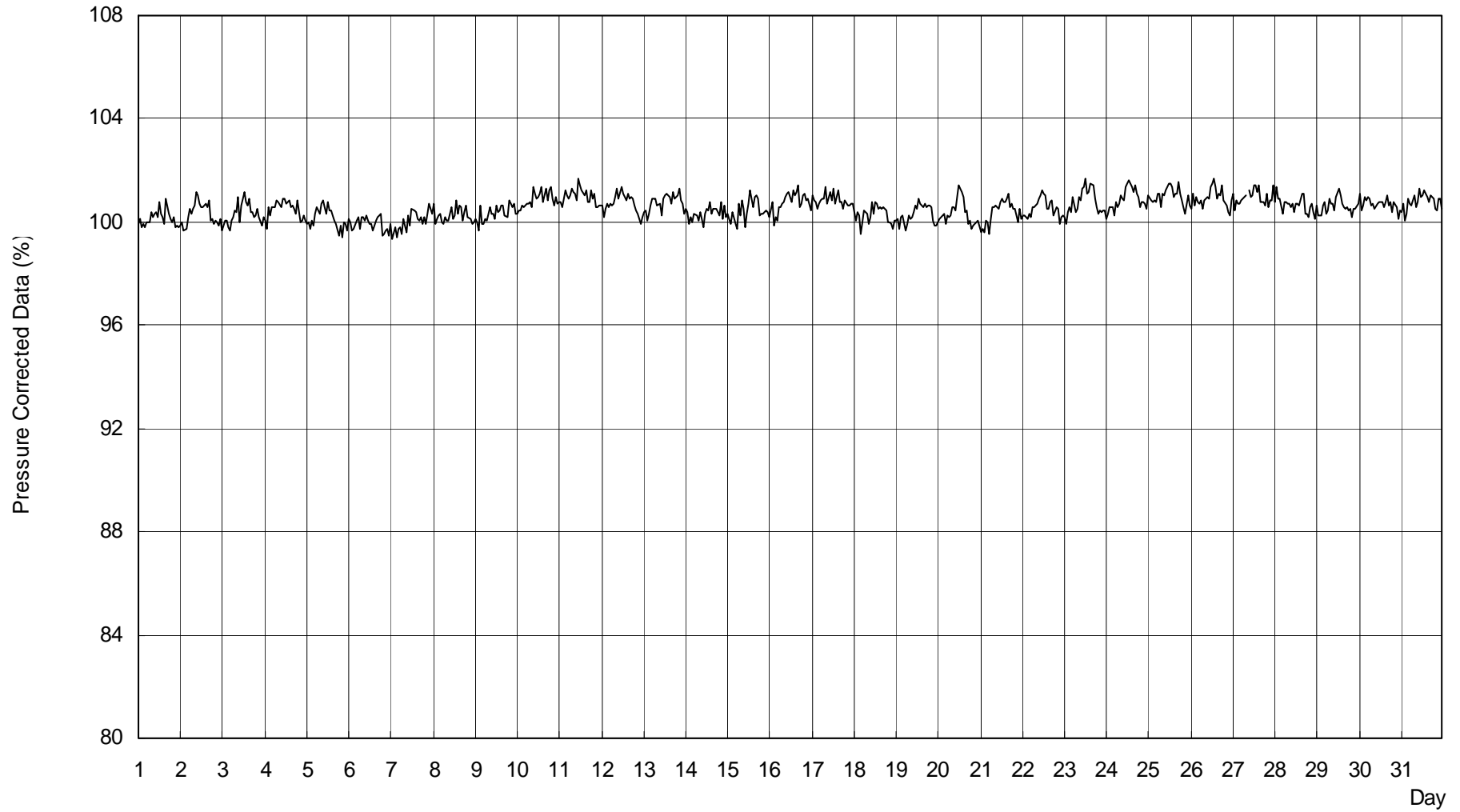
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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1020.75	1020.79	1020.80	1020.84	1020.87	1020.83	1020.88	1020.90	1020.88	1020.88	1020.85	1020.83	1020.84
	1	1020.91	1020.97	1021.00	1021.01	1020.99	1020.96	1020.93	1020.99	1021.07	1021.12	1021.12	1021.09	1021.01
	2	1021.13	1021.14	1021.13	1021.19	1021.23	1021.17	1021.02	1020.91	1020.97	1020.99	1020.89	1020.84	1021.05
	3	1020.88	1020.92	1020.97	1021.05	1021.12	1021.20	1021.24	1021.27	1021.24	1021.15	1021.13	1021.16	1021.11
	4	1021.13	1021.05	1021.00	1020.95	1020.92	1021.01	1021.10	1021.19	1021.23	1021.23	1021.29	1021.34	1021.12
	5	1021.38	1021.40	1021.45	1021.46	1021.44	1021.44	1021.42	1021.40	1021.41	1021.46	1021.48	1021.52	1021.44
	6	1021.53	1021.53	1021.57	1021.62	1021.70	1021.74	1021.77	1021.84	1021.89	1021.94	1021.95	1021.93	1021.75
	7	1021.92	1021.88	1021.89	1021.94	1021.97	1022.02	1022.08	1022.05	1021.99	1022.02	1022.02	1022.00	1021.98
	8	1022.02	1022.01	1022.01	1022.07	1022.14	1022.19	1022.21	1022.27	1022.37	1022.42	1022.43	1022.44	1022.21
	9	1022.37	1022.36	1022.40	1022.39	1022.39	1022.48	1022.54	1022.53	1022.52	1022.48	1022.45	1022.38	1022.44
	10	1022.33	1022.33	1022.34	1022.40	1022.40	1022.39	1022.36	1022.26	1022.18	1022.10	1022.04	1022.00	1022.26
	11	1021.97	1021.94	1021.85	1021.77	1021.76	1021.74	1021.70	1021.67	1021.62	1021.59	1021.56	1021.49	1021.72
	12	1021.45	1021.46	1021.43	1021.37	1021.30	1021.26	1021.24	1021.21	1021.19	1021.17	1021.14	1021.10	1021.27
	13	1021.07	1021.04	1021.00	1021.03	1021.07	1021.07	1021.05	1021.01	1021.01	1021.02	1021.01	1021.00	1021.03
	14	1020.97	1020.95	1020.90	1020.86	1020.82	1020.79	1020.81	1020.80	1020.75	1020.74	1020.74	1020.71	1020.82
	15	1020.71	1020.71	1020.67	1020.66	1020.64	1020.61	1020.65	1020.65	1020.62	1020.61	1020.60	1020.62	1020.64
	16	1020.66	1020.69	1020.70	1020.71	1020.75	1020.81	1020.83	1020.82	1020.83	1020.85	1020.89	1020.90	1020.79
	17	1020.91	1020.89	1020.88	1020.88	1020.88	1020.89	1020.88	1020.92	1021.01	1021.07	1021.10	1021.14	1020.95
	18	1021.19	1021.21	1021.24	1021.25	1021.24	1021.25	1021.26	1021.32	1021.36	1021.38	1021.42	1021.46	1021.30
	19	1021.50	1021.51	1021.50	1021.52	1021.53	1021.54	1021.58	1021.62	1021.65	1021.70	1021.73	1021.75	1021.59
	20	1021.75	1021.73	1021.71	1021.73	1021.78	1021.80	1021.81	1021.82	1021.83	1021.82	1021.83	1021.84	1021.78
	21	1021.86	1021.90	1021.94	1021.95	1021.98	1022.02	1022.06	1022.12	1022.17	1022.20	1022.21	1022.22	1022.05
	22	1022.25	1022.32	1022.39	1022.40	1022.43	1022.50	1022.52	1022.51	1022.47	1022.41	1022.37	1022.31	1022.40
	23	1022.26	1022.20	1022.16	1022.14	1022.11	1022.07	1022.02	1022.01	1022.01	1021.97	1021.92	1021.91	1022.06
30	0	1021.90	1021.89	1021.86	1021.84	1021.82	1021.84	1021.84	1021.83	1021.83	1021.83	1021.86	1021.88	1021.85
	1	1021.91	1021.95	1021.93	1021.89	1021.87	1021.85	1021.85	1021.81	1021.71	1021.65	1021.63	1021.60	1021.80
	2	1021.56	1021.48	1021.33	1021.32	1021.38	1021.34	1021.23	1021.13	1021.11	1021.14	1021.15	1021.18	1021.28
	3	1021.25	1021.30	1021.33	1021.38	1021.44	1021.51	1021.56	1021.61	1021.63	1021.62	1021.63	1021.61	1021.49
	4	1021.55	1021.49	1021.44	1021.44	1021.49	1021.57	1021.67	1021.76	1021.83	1021.86	1021.89	1021.87	1021.65
	5	1021.87	1021.93	1021.95	1021.99	1022.07	1022.12	1022.13	1022.14	1022.15	1022.18	1022.22	1022.27	1022.08
	6	1022.34	1022.37	1022.31	1022.22	1022.14	1022.07	1022.03	1022.00	1021.98	1021.99	1022.00	1021.97	1022.12
	7	1021.92	1021.94	1022.00	1022.00	1021.96	1021.99	1022.11	1022.28	1022.35	1022.32	1022.31	1022.32	1022.12
	8	1022.33	1022.36	1022.43	1022.53	1022.59	1022.64	1022.70	1022.75	1022.84	1022.92	1022.93	1022.94	1022.66
	9	1022.95	1022.95	1022.92	1022.86	1022.81	1022.79	1022.78	1022.83	1022.84	1022.81	1022.79	1022.74	1022.84
	10	1022.64	1022.53	1022.43	1022.37	1022.38	1022.35	1022.27	1022.16	1022.05	1021.97	1021.90	1021.84	1022.24
	11	1021.79	1021.74	1021.68	1021.63	1021.60	1021.57	1021.51	1021.44	1021.38	1021.30	1021.21	1021.15	1021.50
	12	1021.09	1021.04	1021.00	1020.94	1020.86	1020.80	1020.75	1020.72	1020.71	1020.67	1020.60	1020.55	1020.81
	13	1020.49	1020.46	1020.43	1020.42	1020.43	1020.44	1020.42	1020.37	1020.32	1020.28	1020.22	1020.20	1020.37
	14	1020.21	1020.18	1020.17	1020.15	1020.15	1020.20	1020.24	1020.29	1020.33	1020.35	1020.34	1020.32	1020.24
	15	1020.32	1020.36	1020.39	1020.41	1020.37	1020.37	1020.40	1020.41	1020.40	1020.38	1020.37	1020.39	1020.38
	16	1020.40	1020.39	1020.40	1020.39	1020.40	1020.42	1020.43	1020.45	1020.46	1020.47	1020.49	1020.51	1020.43
	17	1020.55	1020.59	1020.61	1020.60	1020.59	1020.57	1020.55	1020.52	1020.51	1020.56	1020.59	1020.58	1020.56
	18	1020.57	1020.60	1020.62	1020.59	1020.55	1020.52	1020.53	1020.56	1020.58	1020.55	1020.55	1020.57	1020.56
	19	1020.56	1020.57	1020.62	1020.66	1020.68	1020.73	1020.76	1020.75	1020.75	1020.76	1020.78	1020.79	1020.70
	20	1020.78	1020.77	1020.81	1020.87	1020.92	1020.96	1020.99	1020.99	1021.01	1021.04	1021.04	1021.02	1020.93
	21	1021.04	1021.13	1021.23	1021.26	1021.27	1021.28	1021.28	1021.29	1021.33	1021.37	1021.37	1021.33	1021.26
	22	1021.30	1021.27	1021.26	1021.24	1021.23	1021.23	1021.24	1021.22	1021.19	1021.19	1021.17	1021.14	1021.22
	23	1021.11	1021.09	1021.04	1021.00	1020.99	1020.93	1020.85	1020.80	1020.72	1020.63	1020.56	1020.54	1020.85

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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
31	0	1020.51	1020.50	1020.49	1020.46	1020.43	1020.42	1020.39	1020.36	1020.34	1020.34	1020.31	1020.26	1020.39
	1	1020.25	1020.25	1020.24	1020.24	1020.24	1020.25	1020.30	1020.35	1020.34	1020.32	1020.32	1020.32	1020.28
	2	1020.30	1020.28	1020.26	1020.26	1020.24	1020.22	1020.22	1020.21	1020.19	1020.18	1020.17	1020.16	1020.22
	3	1020.17	1020.16	1020.15	1020.16	1020.17	1020.16	1020.16	1020.16	1020.13	1020.09	1020.08	1020.10	1020.14
	4	1020.13	1020.18	1020.20	1020.19	1020.23	1020.26	1020.24	1020.22	1020.23	1020.24	1020.23	1020.25	1020.21
	5	1020.29	1020.32	1020.35	1020.34	1020.33	1020.32	1020.27	1020.20	1020.21	1020.20	1020.18	1020.18	1020.26
	6	1020.17	1020.15	1020.11	1020.07	1020.09	1020.13	1020.19	1020.22	1020.23	1020.24	1020.27	1020.30	1020.18
	7	1020.31	1020.35	1020.42	1020.43	1020.40	1020.41	1020.43	1020.45	1020.47	1020.48	1020.53	1020.61	1020.44
	8	1020.63	1020.60	1020.60	1020.59	1020.59	1020.61	1020.61	1020.62	1020.65	1020.66	1020.66	1020.65	1020.62
	9	1020.62	1020.59	1020.59	1020.65	1020.68	1020.71	1020.71	1020.69	1020.70	1020.72	1020.73	1020.70	1020.67
	10	1020.67	1020.64	1020.62	1020.62	1020.64	1020.61	1020.56	1020.51	1020.43	1020.40	1020.41	1020.38	1020.54
	11	1020.30	1020.25	1020.21	1020.16	1020.10	1020.02	1019.96	1019.90	1019.85	1019.79	1019.74	1019.67	1019.99
	12	1019.60	1019.53	1019.45	1019.38	1019.31	1019.22	1019.14	1019.09	1019.03	1018.96	1018.90	1018.85	1019.20
	13	1018.84	1018.86	1018.89	1018.92	1018.94	1018.96	1018.97	1018.96	1018.95	1018.93	1018.90	1018.88	1018.91
	14	1018.89	1018.90	1018.91	1018.92	1018.91	1018.90	1018.89	1018.89	1018.87	1018.85	1018.86	1018.88	1018.89
	15	1018.90	1018.89	1018.87	1018.86	1018.83	1018.79	1018.78	1018.76	1018.74	1018.75	1018.77	1018.76	1018.81
	16	1018.74	1018.74	1018.75	1018.76	1018.76	1018.75	1018.72	1018.70	1018.70	1018.71	1018.69	1018.68	1018.72
	17	1018.67	1018.69	1018.71	1018.72	1018.74	1018.75	1018.75	1018.75	1018.74	1018.72	1018.71	1018.72	1018.72
	18	1018.75	1018.79	1018.82	1018.82	1018.80	1018.80	1018.83	1018.87	1018.89	1018.89	1018.90	1018.90	1018.84
	19	1018.90	1018.89	1018.90	1018.93	1018.96	1018.97	1018.98	1018.98	1018.97	1018.95	1018.92	1018.92	1018.94
	20	1018.94	1018.94	1018.95	1018.98	1018.99	1019.01	1019.03	1019.06	1019.09	1019.12	1019.14	1019.15	1019.03
	21	1019.13	1019.11	1019.12	1019.14	1019.17	1019.18	1019.18	1019.19	1019.18	1019.19	1019.23	1019.24	1019.17
	22	1019.23	1019.21	1019.18	1019.15	1019.12	1019.09	1019.05	1019.01	1018.98	1018.93	1018.88	1018.83	1019.05
	23	1018.79	1018.76	1018.73	1018.70	1018.68	1018.67	1018.64	1018.59	1018.55	1018.51	1018.48	1018.46	1018.63

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