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SVIRCO Prompt Report: November 2011

Fabrizio Signoretti and Francesco Re

IFSI-2011-52

December 2011



ISTITUTO DI FISICA DELLO SPAZIO INTERPLANETARIO

AREA DI RICERCA ROMA - TOR VERGATA

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

SVIRCO Prompt Report: November 2011

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Abstract

The pressure corrected intensity of the nucleonic component, produced by primary cosmic rays and recorded in November 2011 by the Neutron Monitor of SVIRCO-Rome (present geographic position: 41.86° N - 12.47° E; altitude about s.l.), is reported in prompt form together with the barometric pressure data.

SVIRCO OBSERVATORY

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

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

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

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

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

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

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

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

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

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

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

DATA PRESENTATION

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

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

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

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

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

CONDITIONS FOR SVIRCO DATA USE

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

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

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

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

Dr. Stefano Massetti
Head of SVIRCO Observatory & TPL
Istituto di Fisica dello Spazio Interplanetario - Area di Ricerca Tor Vergata
Via del Fosso del Cavaliere,100 00133 Roma - Italy,

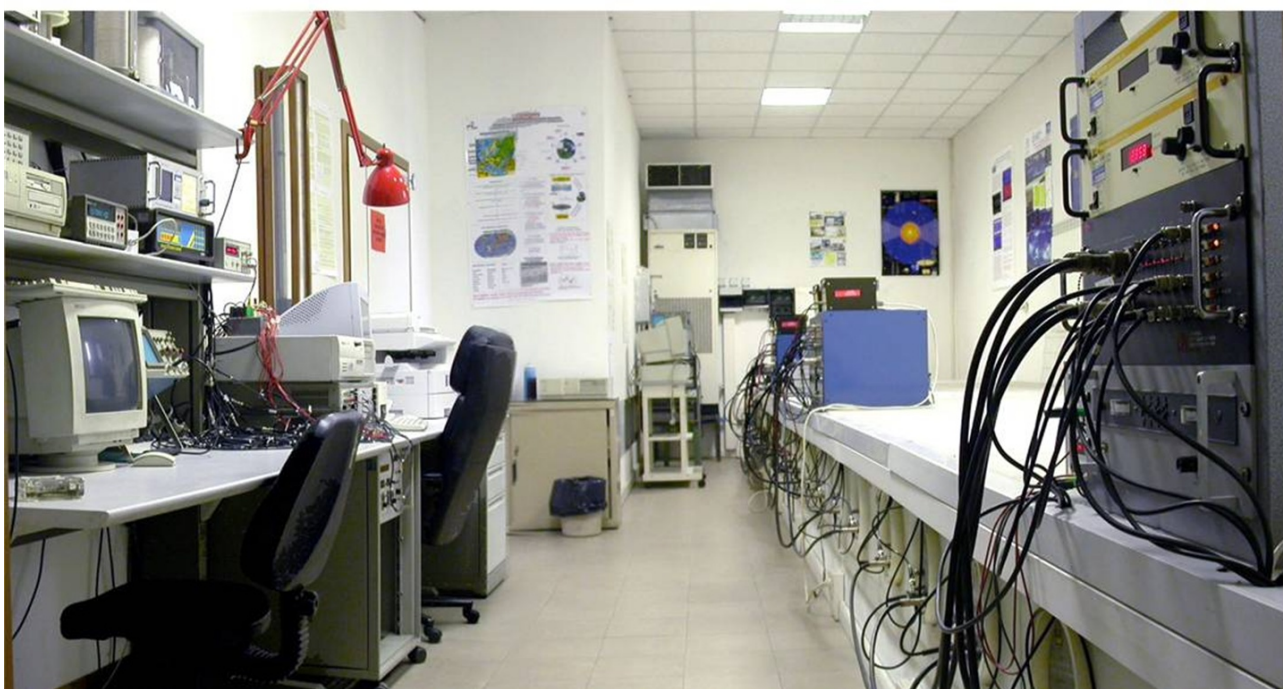
stefano.massetti@ifs-roma.inaf.it



S.V.I.R.CO. Observatory

Rome

Italy



INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – November 2011										20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
1	0	46024	45998	45500	46657	46190	46545	46352	46933	46107	46540	45560	46234	100.511	
	1	46238	45939	46098	45591	45512	45919	46252	45901	46093	46467	45689	46136	100.001	
	2	46014	45715	45780	46112	46436	46341	45819	46094	46195	45846	45756	46137	100.075	
	3	46386	46379	45641	46392	46608	46231	45909	46256	45316	46555	45856	46014	100.310	
	4	45782	46692	46159	46118	46476	46278	46739	45877	46103	45530	46324	46127	100.430	
	5	46490	45712	46092	45566	45815	45666	46364	45921	46388	45928	45918	46298	100.059	
	6	45636	46819	46336	45955	46641	46455	45800	46133	46640	46751	45929	46020	100.595	
	7	46682	45426	46093	46651	46082	45767	45552	45759	45576	46131	46155	46116	100.029	
	8	45843	45326	45516	46059	45738	45325	45812	45772	45427	45824	45487	45464	99.232	
	9	45651	45314	45707	45402	45668	46068	46004	45989	45736	45708	45541	45747	99.403	
	10	46293	45626	45778	45850	45465	46345	46035	46134	45796	46715	46020	46267	100.090	
	11	45763	46103	46434	46060	46430	46315	46699	45645	46454	46192	46351	45987	100.471	
	12	46187	46080	46209	45779	46068	46382	46313	46160	46269	45138	46299	45657	100.128	
	13	45882	45593	46293	46212	46471	45862	45206	45907	46197	46266	45364	46031	99.901	
	14	46511	46029	46347	46093	45296	45880	45920	45503	45563	45828	46718	46344	100.036	
	15	46393	45866	45563	46272	46137	45277	45468	45924	45160	45596	45505	45568	99.437	
	16	46120	45135	46121	45539	45728	45927	45272	45567	45284	45345	44968	45834	99.095	
	17	45111	45139	45381	45429	45303	45343	44753	45509	45619	45176	45330	45784	98.558	
	18	45109	45166	44680	45325	45527	45550	45593	45356	45174	44875	45246	45187	98.361	
	19	45688	44848	45671	45108	45281	45373	45361	45528	45395	46078	45092	45556	98.758	
	20	45400	45895	45708	45088	44947	45035	45347	45592	45079	45391	45495	45111	98.597	
	21	45595	45522	45184	45170	45003	45404	45849	44933	45864	45364	45032	45250	98.612	
	22	44659	44936	44749	45271	44913	45595	44869	45355	45200	45404	45031	45762	98.172	
	23	45187	45519	44805	45323	44662	45582	44849	44476	45277	45625	45753	45046	98.237	
2	0	45191	45516	45694	45372	45394	45879	45194	45571	45574	45538	45453	45070	98.843	
	1	45631	44956	45345	45035	45798	44966	45631	45414	45708	46008	45810	45654	98.935	
	2	45286	45473	45937	45501	45417	45993	44857	45210	45484	45237	45749	45355	98.852	
	3	45435	45686	45659	45283	45759	45218	45917	45471	45494	45982	45389	45870	99.154	
	4	45708	45534	45060	45235	45181	45436	45869	45551	45507	45970	46241	45451	99.078	
	5	45989	44965	45549	45153	45717	45049	44776	45507	45479	45788	45243	45477	98.706	
	6	45989	45737	45257	45499	45683	45383	44960	45465	44982	45837	45932	45388	98.963	
	7	46118	45381	46165	45152	45299	45731	45109	45899	45794	45363	46283	45889	99.339	
	8	45527	45858	46283	45694	45215	46032	46244	45680	45428	45755	45799	45811	99.545	
	9	44761	45207	45924	45736	46150	45946	45723	45707	45769	46016	45824	46147	99.471	
	10	45874	45901	45803	45917	45823	45607	45707	45580	45838	45408	46207	46105	99.626	
	11	45769	46018	45665	45815	45815	45900	45808	45387	45960	46582	45576	45910	99.705	
	12	46066	45618	45819	46068	45146	45748	46066	46641	46346	45358	45728	46344	99.840	
	13	45663	45796	45375	44908	45701	45315	46463	45647	45675	46295	45797	45984	99.418	
	14	45857	46348	45726	45631	46103	45892	46196	46004	45414	46115	46168	45494	99.840	
	15	46161	45916	45959	45900	46037	45739	45455	45593	45558	45656	45818	46087	99.646	
	16	45995	45865	45324	45497	46216	45501	45170	45877	45841	45944	45505	45759	99.395	
	17	46095	45677	45346	45623	45766	45730	45441	45689	45728	46532	45258	44735	99.236	
	18	45962	45272	45328	45893	45286	45795	45856	45552	45670	45053	45053	45509	98.985	
	19	45623	46617	45608	45579	45558	45837	45381	45703	45374	45693	45618	45730	99.364	
	20	46158	45195	45318	45636	45959	45921	46305	45540	45536	45488	45585	45159	99.270	
	21	45265	45908	45882	45651	45530	45582	45783	45721	45958	45639	45552	45137	99.235	
	22	45801	45270	46372	45623	45632	45293	46036	45479	45868	45895	46165	45965	99.559	
	23	45685	45683	45500	45547	45670	46033	45398	45020	45442	45241	45385	45402	98.944	

INAF/UNIromaTre		S.V.I.R.CO. Observatory - Pressure Corrected Data – November 2011											20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
3	0	46427	45769	45609	45332	45763	46115	45092	45575	45579	45584	46077	45727	99.419
	1	46053	45425	45723	45818	45531	45535	45565	44946	45698	45126	45904	45358	99.066
	2	45489	45307	45557	45606	45585	45763	46055	45246	45711	45186	45237	46154	99.106
	3	45409	45399	45501	45881	44738	45735	46371	45741	45969	45912	45182	45325	99.154
	4	45361	46015	44732	45677	45852	45564	45570	45778	45029	45084	45641	45492	98.906
	5	45775	45621	45386	46034	46091	46435	45752	45695	45612	45246	44735	45768	99.333
	6	45841	45324	45214	44933	46033	45729	45693	45102	45319	45746	45107	45732	98.902
	7	44939	46107	45477	46132	45596	45969	45559	45996	46044	45299	45569	45274	99.298
	8	45136	44854	45607	45279	45362	45216	45016	45215	45411	45700	44877	45169	98.371
	9	45771	45613	45154	45508	45879	46040	45584	45675	45249	45892	45888	45199	99.206
	10	45283	45783	44853	45526	45598	45802	45336	45964	45844	45715	45562	45078	99.006
	11	45669	45893	45443	45736	45129	45754	45410	46018	45967	45750	45950	45361	99.320
	12	46180	45422	45578	45547	45690	45596	45946	45640	46309	45847	45643	45610	99.488
	13	46166	45694	45951	45655	46073	45220	45917	46424	45598	46695	45057	46095	99.767
	14	45754	45270	46243	45590	45968	46217	45746	45675	45776	45433	45407	45686	99.444
	15	45425	45622	45229	45491	45990	46105	44957	45805	45288	45458	45243	45755	99.010
	16	45863	45661	45788	45433	46067	45636	45798	45077	45581	45424	46105	45482	99.290
	17	45799	45496	45674	45529	45613	46007	45603	45343	45698	45546	45614	46173	99.323
	18	46278	45636	45648	46578	45711	45125	45779	45717	46043	45852	45626	45151	99.513
	19	46191	45900	45332	45337	45778	46198	45880	44912	45811	46314	44985	45796	99.384
	20	46308	45500	45793	45038	45373	45902	45555	45286	45419	45759	45992	45402	99.183
	21	46115	45171	45719	45954	45814	45957	45901	45343	45461	45783	45130	44735	99.139
	22	45441	44852	45203	45640	45918	45057	45151	44947	44985	45131	45592	46139	98.591
	23	46037	45385	45670	45605	45300	45451	45887	45005	45497	45164	45360	45288	98.879
4	0	45585	45405	44548	45463	44768	45222	45676	45101	45861	46058	45600	45705	98.765
	1	45569	45361	45218	46041	45134	45115	45307	45789	45677	45514	45034	44629	98.650
	2	45601	45547	45674	45051	45631	45635	45834	45853	45558	45562	45996	45036	99.120
	3	45431	45848	45914	45245	45718	45651	45864	45670	45462	45434	45018	45985	99.167
	4	45193	45355	45557	45123	46088	45139	46286	45318	45164	45523	45409	45980	98.967
	5	45009	45644	44939	45457	45995	45290	45739	45540	45367	46148	46026	45430	99.049
	6	46173	45395	45205	45379	46488	45180	45665	45164	45372	46145	45611	45457	99.167
	7	45634	45738	46193	45410	45789	45260	44805	44728	45558	45501	46527	46054	99.160
	8	45476	45842	45383	45384	45610	45734	45456	46186	46288	45422	45766	46728	99.537
	9	45595	46080	46285	45535	45379	45749	45430	46131	45219	46337	45634	44840	99.344
	10	46098	45512	46185	45195	46354	45946	46172	45496	45960	46224	45854	45804	99.813
	11	45551	45142	45882	45590	45660	45867	45465	46310	45785	46190	45617	45820	99.465
	12	45583	45795	45385	45413	45183	45477	45755	46007	45617	46002	46356	45494	99.318
	13	45588	45750	45398	45563	46050	45902	45788	45244	46362	45539	45848	45690	99.436
	14	46165	45698	45595	45412	45449	45725	45643	45829	45395	45505	45790	46083	99.358
	15	45106	46010	45552	46029	46392	45793	46324	46158	45929	46412	45169	45563	99.747
	16	45256	45602	45833	45545	45600	45732	45474	46252	45713	45748	45407	45390	99.224
	17	45818	45458	45755	45532	45742	45748	45342	45621	46510	46494	46041	45636	99.613
	18	45752	45571	45293	45726	45336	45100	45761	45298	46250	45183	45355	45938	99.045
	19	45823	45851	45663	45202	46251	45556	46103	45869	45576	45652	45383	45633	99.408
	20	45259	45554	45659	45183	45422	45624	45698	45618	45765	46047	45511	46252	99.231
	21	45567	45034	45840	45065	45774	45746	46234	45629	45934	45710	45970	46069	99.409
	22	44606	44894	45488	46427	45666	45770	45634	46134	45362	45938	45292	45594	99.090
	23	45500	46218	45207	45731	45629	45067	46016	45695	46370	45502	45408	45206	99.224

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – November 2011									20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
5	0	45593	46187	45877	45395	46239	45929	46040	46223	45700	45269	45181	45613	99.527
	1	45625	45771	45546	45867	45613	45801	45142	45844	45830	45432	46181	45866	99.400
	2	45607	46052	46664	45169	45462	45804	45681	45079	45688	45285	45391	45984	99.281
	3	45688	45823	45978	45729	45691	45661	46633	46604	45633	45084	45583	45751	99.642
	4	45315	45530	45849	45684	45870	46319	45844	45750	45871	46280	46072	46087	99.753
	5	45999	46049	45777	45619	46101	45326	46175	45963	45911	46321	46087	45724	99.858
	6	46415	46020	45936	46193	46172	46530	45997	45638	46315	45704	45693	45551	100.061
	7	45980	46870	46054	45834	45695	45937	46546	45629	45755	45956	46247	45927	100.108
	8	45962	46061	45872	46323	46517	46379	45889	46359	46236	46308	46195	45616	100.341
	9	45745	45850	46152	46037	45526	46302	45303	46052	46266	45863	46145	45510	99.804
	10	45897	46200	46421	46375	45883	46497	45827	45838	46128	46067	45699	45788	100.142
	11	45986	46005	46032	46383	46002	46212	46188	46214	46055	45907	45923	45869	100.171
	12	46048	46031	45680	46410	46080	46107	46232	46344	45694	45579	46624	46056	100.191
	13	45973	46346	46186	46171	46043	45820	45773	46383	46302	45955	45668	45695	100.087
	14	45485	46321	45840	46494	45574	45577	45614	45796	46252	45973	45492	46136	99.768
	15	45528	46319	46379	45448	45884	46092	45949	46393	45694	46636	46033	46635	100.210
	16	45721	46133	46014	45814	45717	45753	45508	45970	45670	45639	46397	46369	99.796
	17	46186	45194	45855	45599	45681	45659	46000	45335	45761	45922	45998	46078	99.535
	18	46018	46094	45584	45877	45951	45555	45611	46354	46144	46341	45565	45543	99.783
	19	45677	45684	45929	45865	46144	45536	45741	46590	45899	46610	45674	45638	99.847
	20	45927	45528	45597	45711	45761	46244	46627	46515	45717	46040	45577	46057	99.904
	21	45215	45243	45822	45641	45535	46018	45498	45212	46577	45816	46405	45570	99.407
	22	46094	45693	46878	45604	45160	46282	45568	45493	45499	45378	45859	45776	99.538
	23	46141	45624	45680	45861	46309	45940	45627	45725	46057	45713	45401	45804	99.646
6	0	45552	45371	46578	45770	45207	45866	46076	46095	46012	46115	46181	46462	99.939
	1	45659	46150	45538	45626	45720	45672	46211	45703	46237	45581	45659	46020	99.627
	2	45553	46468	45829	45979	45551	45927	45732	45998	46133	45560	45838	45939	99.760
	3	46092	45383	45186	46276	46005	45804	45794	45757	45712	46339	45926	46109	99.738
	4	46386	45976	45897	45720	46098	46266	45430	45586	45155	45956	45935	46004	99.743
	5	46128	45907	46253	45353	46115	45349	45809	45908	45750	45602	46155	45378	99.615
	6	46068	46068	45960	45499	45273	46248	45905	45764	46046	46065	46322	45855	99.862
	7	45864	45486	45714	45707	46184	45765	46614	45285	46293	46451	46020	46009	99.920
	8	46176	46506	45095	46786	45988	46019	45503	45627	45558	46366	46017	45563	99.886
	9	45344	46014	45504	45770	46051	45683	45812	45684	45330	45143	45952	45799	99.322
	10	46292	45389	46037	45812	44727	45595	45922	46192	46308	46121	45429	45702	99.582
	11	45590	46192	46066	45503	45540	45784	45597	45848	46025	46006	45411	45713	99.537
	12	45826	45698	45954	45563	45751	46417	45888	45853	46157	45881	45717	46186	99.830
	13	45744	45648	46439	45469	46042	45754	45259	45513	45573	45870	46061	45493	99.462
	14	45912	45749	46111	45737	45471	45743	45495	45781	45675	45911	45881	45664	99.511
	15	46245	46457	45788	46047	45162	45979	45819	45632	45680	45966	45787	45551	99.692
	16	45609	46179	45437	45348	45209	45904	45712	46203	45488	45461	46576	44986	99.326
	17	45491	45546	46069	45296	45964	45273	46227	45167	45780	45279	45898	45120	99.144
	18	45144	45380	45028	45530	45933	44976	45228	45213	45093	45472	44829	45082	98.382
	19	46111	45401	45729	46155	44615	45769	45720	45806	45095	45456	45326	45914	99.142
	20	45794	44840	45229	45247	45900	46341	46481	45997	45676	45432	45267	45440	99.241
	21	45807	45539	45131	45846	45624	45525	45646	45966	45506	45869	45724	45537	99.255
	22	45431	45710	45562	45366	45602	45731	45594	45415	45262	45581	45525	45842	99.056
	23	45524	45645	45459	45795	45089	45407	45433	45170	45152	45885	45646	44892	98.779

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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	45469	45659	45440	45433	45573	44932	45535	45619	44635	45761	45693	45435	98.799
	1	45440	46052	45849	45106	45486	45912	45293	45696	45454	45558	45290	45963	99.142
	2	45430	45568	45744	45169	45684	45252	45569	45566	45475	45539	45618	45396	98.945
	3	45399	45188	45736	45671	44819	45684	45368	45168	45488	45318	45723	45623	98.795
	4	45589	45323	46213	45193	45576	45917	45378	45340	45968	45362	45723	45815	99.196
	5	45320	46143	45417	45647	45688	46178	45619	46149	45990	46746	45047	46523	99.752
	6	45817	46275	45938	45727	46407	46136	45128	45742	45969	45631	45582	45595	99.659
	7	45726	46508	45619	46295	45775	45514	45472	45301	45960	46677	46146	46087	99.864
	8	45986	46363	45766	46489	46401	45939	46680	46203	46023	46343	45679	46123	100.392
	9	46110	46523	45862	45798	45713	45552	45797	45604	46170	45751	46310	46361	99.949
	10	46184	46110	46117	46417	45651	45857	46714	45552	46521	46009	46515	46658	100.448
	11	45476	46062	46656	46711	46584	45871	45629	46087	45644	45878	45917	46381	100.193
	12	46087	45530	46383	46561	46183	46330	45595	45854	46437	46245	45890	45676	100.170
	13	46064	46415	46174	45458	45998	45505	46805	46159	45956	45984	46000	45648	100.061
	14	46058	46618	45175	45716	46287	45746	46289	46467	45504	45963	45635	46115	99.953
	15	45706	46528	45807	45713	45724	46213	46629	45847	46170	46306	46330	46021	100.210
	16	46128	45622	45812	45812	45850	45944	45856	45976	45416	45388	46031	45750	99.593
	17	45779	46043	45680	45408	45840	45294	46203	45430	45565	45447	46045	45649	99.375
	18	45543	45414	44528	45246	45225	45581	45754	45345	45202	45998	45760	45131	98.712
	19	45408	45177	45573	45106	45533	45158	44843	45452	46157	45450	45153	44891	98.563
	20	44797	44725	44735	45592	45149	44758	45869	46147	44529	45356	46349	45628	98.514
	21	45644	45155	45465	44766	45350	45212	45542	45213	45593	45456	45035	44933	98.465
	22	45722	45433	45435	45884	45396	45386	45737	45598	45528	45507	44934	45506	98.955
	23	45158	45395	45198	45578	45238	45700	45414	45632	45429	45419	45599	46025	98.904
8	0	45727	45611	45622	45473	45489	46118	45536	45028	45499	45449	45233	45956	99.077
	1	45036	45251	45657	45481	45846	45274	45549	45336	45557	45299	45711	45063	98.773
	2	45744	45817	45614	46143	45018	45471	45932	45989	45676	45597	45373	45303	99.247
	3	45411	45610	45481	45497	45367	45494	45436	45691	45553	45682	45221	45477	98.928
	4	45287	45572	45149	45215	45928	45797	45780	45683	45424	45802	46073	45916	99.238
	5	46010	45466	45389	45595	45408	46086	45787	46042	46076	46551	45362	46131	99.650
	6	45991	45524	45979	45640	45580	45523	46026	45711	46425	45255	45587	46505	99.621
	7	46189	46502	45838	45905	45464	45211	45594	45828	45032	45654	45747	46211	99.518
	8	45833	45568	45562	45831	45165	45690	45867	45823	44635	45500	46201	45435	99.144
	9	45279	45975	45510	45689	45644	45601	44405	46015	45618	46111	45523	45914	99.176
	10	45962	45679	46093	45081	45365	45791	45722	45790	45905	45299	45954	45207	99.277
	11	45384	44718	45632	45997	46173	45876	46182	45655	45422	46605	45625	45482	99.441
	12	46120	45164	46247	46148	45572	45494	45796	45793	44973	45665	45783	46185	99.476
	13	45794	45608	45035	45521	45520	45266	46162	46329	45638	45773	45650	45796	99.322
	14	46069	45936	45866	45203	45208	45759	45473	45389	44767	45640	45762	45262	99.005
	15	45780	45210	45559	45323	45335	46317	46446	44609	44892	46037	45994	45809	99.180
	16	45939	45421	45634	45103	45118	45356	45501	45726	45600	45870	45797	45587	99.061
	17	45474	45666	46066	45687	45874	45623	45516	46218	45701	45853	45883	45223	99.447
	18	45664	45888	46195	45885	45618	45181	45721	45804	45915	45808	45572	46209	99.570
	19	45597	45788	44904	45826	45963	45758	45575	45702	45005	45421	45823	46335	99.250
	20	44773	45845	45988	46225	46404	45514	45945	45581	45205	45812	45938	45625	99.460
	21	45259	45391	46134	45242	46058	45565	46018	45547	46015	45539	45366	45759	99.286
	22	46495	45490	45963	45490	45314	45487	45955	45830	46096	45232	46225	44990	99.408
	23	45874	45773	45735	45398	45887	45662	45346	45557	45558	45911	45643	45645	99.303

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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	45356	46061	45778	45785	45475	46259	45775	45657	45743	46059	45110	45192	99.349	
	1	45117	46065	45535	45019	45887	45412	45700	45697	45283	45025	45345	45856	98.932	
	2	45202	45593	46030	45850	45706	45760	45466	45585	45170	46121	45607	45543	99.239	
	3	45230	45481	45672	46151	45257	45541	45673	44996	45028	45387	45599	45914	98.930	
	4	45841	45783	45147	45733	44929	45857	45510	45490	46192	45516	45502	46312	99.271	
	5	45527	46235	45598	45867	46379	45889	45456	45748	45060	46064	45807	45831	99.570	
	6	45433	45204	45302	45272	45617	45543	45362	45630	45703	45778	45984	45657	99.030	
	7	45983	45879	45277	46546	44981	45553	45963	45749	45627	45907	46193	45279	99.475	
	8	46060	45771	45774	45587	46036	45585	46021	45881	45460	45898	46390	45954	99.743	
	9	45794	45632	45460	45460	46137	45635	46911	45416	45811	46583	46103	45143	99.683	
	10	46012	45494	45707	46401	46104	45910	45949	45479	46172	45916	45626	45208	99.664	
	11	45621	46145	45561	46028	46254	45979	45657	46062	46209	45138	45824	46142	99.780	
	12	46066	45948	45804	45477	46201	45693	45766	46044	46027	46456	46032	46031	99.948	
	13	45934	45720	46500	45939	45806	46770	45886	46254	46212	46215	45607	46879	100.342	
	14	46456	46803	46457	45824	46031	46629	46217	45754	45864	45921	46157	46237	100.456	
	15	46113	46530	46231	45779	45905	46450	46082	45973	45894	45708	46154	46176	100.211	
	16	45698	46109	45878	46592	45840	46381	46577	45845	45504	46755	46030	46524	100.344	
	17	45937	46398	45720	45838	46420	46365	45878	45793	46351	45761	46000	46353	100.178	
	18	46311	45991	46397	46537	46054	46089	46367	46051	46132	45984	46123	46056	100.410	
	19	46292	46147	45761	45674	46062	45798	46254	46082	46176	46339	46367	46048	100.212	
	20	46331	45546	45714	45850	46226	45578	46422	45652	45626	45772	45737	45878	99.728	
	21	45905	45620	45835	45653	45631	45674	45123	45757	45503	45515	45621	46361	99.341	
	22	45608	45431	46005	45638	45265	45269	45774	45694	45575	45847	45601	45672	99.193	
	23	45806	45078	45651	45589	45053	45156	45179	46202	45764	45745	45259	45348	98.912	
10	0	45976	45664	45721	45594	46025	46183	45355	45254	45786	45179	45129	44663	99.040	
	1	45677	45626	45406	45417	45561	46062	46118	45390	45990	45269	45996	45654	99.336	
	2	46005	45418	45851	45661	45569	45759	45709	45345	45894	45369	45768	46082	99.383	
	3	45979	45248	45698	45645	46002	45512	45487	46154	45832	45733	45321	45865	99.391	
	4	46423	45512	45594	46230	45590	45352	45383	45142	45889	45433	45665	45633	99.277	
	5	46565	45258	46294	45869	45816	45089	45744	45592	45810	45463	45460	45705	99.426	
	6	45090	46486	45657	45605	45832	45820	45506	45304	46097	45717	46342	45324	99.447	
	7	45836	45853	46027	45857	45614	45825	45595	45938	45907	46015	46266	44972	99.615	
	8	45338	45548	45374	44922	46128	45455	45790	45577	45416	45659	45577	46251	99.130	
	9	45699	45938	45397	46271	45674	46087	45763	46253	45841	45963	46075	46256	99.888	
	10	46080	45763	46076	46038	45818	45771	45827	45851	45959	45818	46184	45701	99.828	
	11	46294	45869	45569	46288	45447	46043	45908	45796	45996	45996	45898	45248	99.732	
	12	46615	45874	46270	45641	45954	46325	45961	45326	45425	46342	46141	46163	100.037	
	13	46176	46263	46080	45288	45551	45317	45387	45983	45207	45685	45993	46176	99.505	
	14	45864	45542	45680	45649	46002	45518	45503	45317	45429	46017	45624	45635	99.266	
	15	45391	45568	44935	45670	46147	45946	45704	45458	45587	46083	46254	45639	99.374	
	16	45193	46163	45959	45365	45679	45808	45236	45754	45563	45181	45979	45485	99.191	
	17	45982	45496	45929	45885	45324	46279	44849	45684	45349	45378	45791	45676	99.237	
	18	45913	45296	45955	45064	45446	45288	45686	45472	45226	45848	45576	45424	98.978	
	19	45376	45510	44892	45399	45800	45753	46053	45608	45498	45849	45982	45105	99.093	
	20	45436	45357	45559	45950	46010	45742	45261	46273	45497	44924	45624	45726	99.189	
	21	45354	45387	45645	46039	46466	45891	46449	45682	45627	46202	45202	45870	99.634	
	22	45931	45562	45667	46024	45624	45543	45366	45499	46225	45804	46164	45161	99.409	
	23	45717	45314	45716	45648	45669	45664	45655	45514	45263	45946	44951	45840	99.106	

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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	45640	45949	45292	45540	45601	45430	45815	45189	46052	46161	45092	46068	99.278
	1	45654	44597	45765	45330	46209	45459	46031	46077	45650	44936	45368	46118	99.159
	2	46125	45117	45081	46114	46222	45698	45778	45592	45513	45560	45787	45612	99.342
	3	45334	45752	45758	45294	45502	45557	45736	46072	45856	45695	45810	45765	99.329
	4	44980	45824	45542	45252	45203	45527	46574	45888	45234	45636	45644	45497	99.088
	5	45952	46124	46026	45947	45861	45644	45622	46155	45742	45535	45017	46093	99.617
	6	45983	46372	44885	45806	46190	45878	45601	45837	45334	45752	45575	46041	99.533
	7	45478	45915	45766	45718	45436	45415	45942	45314	46111	45631	46063	45748	99.402
	8	45559	45202	45823	45887	45655	45537	45957	44833	45637	45679	45782	45599	99.151
	9	45862	45830	46047	45279	45684	45535	45748	45291	45631	45285	45646	45508	99.187
	10	45324	45946	44984	45812	45640	45320	46027	45653	45886	45388	45553	46327	99.280
	11	45627	46208	45355	45842	45978	46020	46205	46006	45475	45682	45895	45893	99.702
	12	45687	45499	46013	45318	46104	45661	45099	45489	45487	45400	45083	45616	99.025
	13	45344	45463	45855	45228	45665	45455	45649	45264	44664	45684	45867	45451	98.868
	14	45559	45599	45969	45499	45705	45765	45612	45353	45278	45561	45081	45950	99.112
	15	45518	45447	45553	45562	45356	45076	45624	45813	45692	46562	45977	45726	99.288
	16	45613	44910	45027	46142	45835	45642	45553	45740	45383	46204	45044	45531	99.056
	17	45737	46069	45950	45909	45929	45337	45327	45378	45463	45498	45162	45636	99.196
	18	45816	46100	46026	46338	45477	45468	45546	45641	45575	45623	46536	45620	99.626
	19	45791	45774	45888	46274	46113	45717	45806	46621	45823	45681	46110	46394	100.029
	20	46147	46341	45888	45901	45728	46405	46015	46118	45969	46099	45607	45661	100.009
	21	45414	45832	45414	45862	46304	45503	46481	45094	45730	45910	45795	45820	99.515
	22	45878	45886	45190	45660	46278	45882	46694	46311	46368	46028	46038	46468	100.154
	23	46167	45392	46097	45715	45870	45890	45611	45592	45307	46356	46118	46531	99.785
12	0	46162	46298	45768	46221	46120	45984	45943	45365	45804	45583	45890	45535	99.793
	1	46136	46061	45389	45579	45788	45291	45957	45092	45408	46292	45247	45865	99.325
	2	45429	45076	46333	45057	45628	45958	45342	46016	45481	46025	46271	46101	99.435
	3	45770	45797	45704	45473	45936	46069	45774	45108	45990	45532	45606	46348	99.506
	4	46149	46008	46282	45779	45089	45639	45248	46121	46486	46468	45763	46095	99.872
	5	46236	46228	46084	45872	45776	46069	46214	46311	46766	45800	46075	46250	100.335
	6	46266	46091	46007	45796	46220	45817	46116	45530	46090	45411	45634	45529	99.760
	7	45392	46163	45760	45745	45422	45276	45851	45822	45570	45404	46242	46604	99.532
	8	45713	45803	45643	45133	45379	45525	46194	45248	45632	45277	45379	45616	99.041
	9	45497	45160	46115	45884	45664	46007	44777	44790	45769	46249	45851	45159	99.110
	10	46366	45310	45321	45623	45156	45408	45398	45632	45392	44962	45939	45721	98.984
	11	44884	45545	45856	45241	45716	45556	45805	45475	45475	45918	46332	45399	99.161
	12	45173	45637	45881	45546	45556	45527	46183	45769	46832	46021	45935	46240	99.723
	13	46191	45894	45544	45647	45610	46105	45596	46159	46676	45943	46390	46014	99.988
	14	45625	46385	46195	45961	46154	45606	45860	46744	45689	46451	46738	46437	100.364
	15	45778	46147	46265	45976	45951	45695	45930	46270	46532	45442	46494	46642	100.234
	16	46863	46226	46497	45851	46381	46802	46004	45912	45958	46922	47302	46681	101.009
	17	46479	46077	46155	46596	46163	46190	46453	45801	45910	45658	46007	46231	100.342
	18	45739	46122	45410	45792	45956	45822	45616	45971	46532	46791	46116	45751	99.961
	19	46054	45881	46458	45670	46536	45777	46360	46291	46024	46206	46221	45109	100.137
	20	45972	46384	46045	45285	45802	46083	45910	46737	45523	46411	46501	46035	100.155
	21	46120	45854	45602	46729	46226	46241	46446	46252	45631	45712	46094	46719	100.325
	22	46106	45987	46482	46041	46804	46207	46015	45582	46257	45896	46056	45538	100.207
	23	45849	45964	46107	45901	46117	45176	46354	46363	46012	45846	46309	46386	100.100

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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	46259	46280	45551	45827	45285	46048	45985	46036	46593	45946	45390	45506	99.798	
	1	46380	45648	45767	45443	45913	45733	45821	45389	45394	45536	45894	45733	99.423	
	2	46120	45434	45884	45775	45697	45657	46223	45658	45779	46318	45753	45293	99.594	
	3	46260	45303	45508	45815	46569	45923	45245	45369	46482	45690	45632	45747	99.585	
	4	45808	46420	45739	45656	46246	46183	45851	46297	45349	46030	45564	46296	99.929	
	5	45524	45786	45057	46349	45638	45944	45884	46915	45984	45583	46057	45576	99.722	
	6	45207	45833	45703	45558	46144	46056	46147	45906	45549	45623	45664	45645	99.493	
	7	46141	46312	45857	46367	46000	45736	45502	45913	45638	46066	45979	45963	99.935	
	8	46206	45596	45703	46490	45782	46845	45541	46211	45733	45640	45484	46032	99.897	
	9	46469	45672	45375	46199	45988	45888	45403	45766	45720	45916	46074	45803	99.717	
	10	45955	45067	45709	45504	45255	45834	45559	45405	45498	45487	45468	45677	99.019	
	11	46038	46089	46472	45532	46026	45202	45621	45457	45511	46121	46262	46037	99.735	
	12	46223	45769	45855	46112	45911	45869	46202	46157	46241	45640	46154	46005	100.055	
	13	46310	46604	46102	46204	46476	46086	46069	46259	45930	45734	45740	45476	100.209	
	14	46225	45845	45996	45559	45486	46418	46086	45852	45855	46003	46651	45759	99.982	
	15	46257	46801	46395	46048	45739	45914	46247	45937	46184	46580	45572	45987	100.331	
	16	46061	46617	46790	46397	46228	46342	46378	46094	45977	46096	46413	46321	100.703	
	17	45913	46397	45750	46405	46263	46175	46077	46362	45978	46099	46009	46459	100.372	
	18	46583	45715	45670	45880	46068	46918	46073	45819	46415	45909	46302	45767	100.233	
	19	45972	46478	45466	46488	45709	46062	45706	46396	46076	46043	46309	45704	100.104	
	20	45991	46201	46385	45618	45897	45995	46333	45777	45544	45403	45607	45549	99.722	
	21	45981	46196	45832	45179	45001	45433	45721	46058	45639	45650	46029	45712	99.383	
	22	45855	45636	45738	45441	45715	45932	45770	45246	45393	45608	45227	45373	99.112	
	23	45673	44978	46081	45337	45458	45484	45338	46143	45513	45135	45123	45736	98.943	
14	0	44950	45456	45047	45529	45068	45709	45963	46006	45115	45791	45679	45748	98.949	
	1	45193	45238	45802	45419	45536	45310	45453	45828	45352	45506	45180	45852	98.883	
	2	45470	45435	45459	45445	45739	45456	46684	45421	46141	44839	45086	45452	99.057	
	3	45970	45549	46096	45836	45980	45535	45402	45915	46315	45914	45595	45799	99.651	
	4	45737	45498	45483	46218	46001	46046	45896	46150	45904	46295	45832	45090	99.695	
	5	46045	45869	45780	46121	45878	46035	45741	46890	45948	46463	45629	45538	100.019	
	6	46151	45939	46596	45683	46225	45186	46504	45673	46149	45562	45553	45777	99.849	
	7	46149	45804	44900	45780	45626	45720	45320	45524	45214	45423	46243	46305	99.307	
	8	45651	45541	46179	45490	45530	44898	46182	46049	45328	46167	45626	45572	99.344	
	9	45432	45610	45736	45651	45403	45411	45623	45408	45349	46217	45549	46612	99.306	
	10	46158	45094	45743	46016	44929	45343	45874	45894	45816	46303	45432	44958	99.226	
	11	45275	46363	45488	45662	46466	45729	45093	46103	46614	46061	45543	45691	99.684	
	12	46447	45806	46078	46288	46148	46160	45877	46646	46092	45777	45806	46361	100.299	
	13	45930	45807	46518	45790	46293	45937	45865	47137	45958	46491	46416	46731	100.551	
	14	46569	46413	45249	45926	45981	46563	46229	46041	45880	46488	46393	45911	100.328	
	15	46588	46676	46544	46453	45922	46457	46405	46582	45649	46244	46345	46262	100.778	
	16	46799	46011	46225	45942	46255	46429	46244	46166	46705	46145	45987	46351	100.621	
	17	46382	45937	46041	45769	46028	45669	45951	46212	45494	46525	46219	46229	100.113	
	18	46441	46399	46012	45932	46580	46296	45549	46255	46029	46615	46740	46183	100.579	
	19	46265	46489	46126	46165	46508	45839	46451	46314	46141	46018	46410	45503	100.434	
	20	45790	45700	45655	46558	45391	46020	45535	45988	46235	46334	45931	46268	99.922	
	21	46299	46014	45665	46006	46187	45771	46104	46090	45529	45451	45799	46016	99.837	
	22	45622	45870	45842	45944	46371	46154	46652	45427	45845	46240	45650	46927	100.129	
	23	45910	45992	45937	45839	45607	46131	45544	46183	45973	46234	45888	45775	99.852	

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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	45577	46002	46565	46124	46412	46182	46015	45938	45823	45603	46053	46494	100.169
	1	45891	45603	45678	46162	46132	46585	46109	46013	46289	46290	46250	45461	100.114
	2	46370	45982	46361	46123	46205	45763	46127	46024	45481	46222	46636	47013	100.449
	3	46666	45467	46592	46205	45796	46803	45971	46015	46079	45948	46228	46234	100.393
	4	46404	45923	45645	46090	45916	46100	46190	45677	46339	46583	46173	45363	100.103
	5	46176	46322	45186	45795	46682	45446	46386	45731	44825	45532	45654	46000	99.620
	6	45994	46076	45438	45434	45836	45889	45350	45729	45851	46784	46418	46020	99.816
	7	46259	45547	45997	45939	46239	45992	45892	46149	45260	46751	46213	45850	100.046
	8	46373	45842	46228	46730	46240	46496	45752	46101	45964	46100	46077	46039	100.382
	9	46616	46155	46179	45875	45615	46189	45442	45858	46202	46028	45781	45967	100.013
	10	45915	46045	46191	45885	46053	46356	45984	46207	46179	45979	46207	45846	100.184
	11	46387	45616	46030	46270	46241	46194	45947	46325	45655	46177	46207	45886	100.200
	12	45722	45887	46270	45842	46394	46124	45841	46129	46529	46131	45523	46019	100.105
	13	46420	46135	46066	46392	45826	46142	46285	46007	46237	45516	46208	45916	100.238
	14	46513	45570	46330	45782	46225	45902	46475	46727	46144	45941	46136	46220	100.386
	15	46154	45997	45897	45965	46230	46125	46108	46529	46158	46380	46880	46357	100.534
	16	46396	45821	46838	46509	46448	45890	45814	46544	46435	46004	46618	46386	100.701
	17	46084	46356	46471	46468	45892	45717	45801	46166	46385	46214	46242	45861	100.331
	18	45302	46240	46401	46613	46009	46340	47020	46553	46372	46321	46329	46258	100.711
	19	46477	45983	45843	46086	45918	45620	46005	45551	45991	46364	46085	45759	99.973
	20	45546	45719	46299	46048	46819	45608	46511	45520	46224	46040	46219	45766	100.088
	21	46167	45798	45792	46561	46067	45881	45912	45647	45450	46403	45801	47109	100.137
	22	46251	45846	46501	46483	46147	45579	46256	46128	45287	45466	46256	45818	100.034
	23	46193	45683	46247	45640	45833	46006	45282	45928	45673	45497	45938	45604	99.581
16	0	45154	46089	45999	45889	45841	45841	46367	46479	45761	45108	45150	46082	99.624
	1	46780	46019	45580	45827	45623	46379	45786	45778	45911	46136	46052	45879	99.985
	2	45213	46056	46048	45896	45674	45666	45721	46554	45543	45851	46559	45804	99.774
	3	46635	46222	46321	45172	46148	45796	46107	45390	46081	45609	45519	46156	99.877
	4	45669	45449	46007	45972	46234	46334	46018	45823	45421	46146	46288	46298	99.968
	5	45512	45655	45823	46101	45638	46348	46183	46579	45817	45507	46536	46049	99.984
	6	46136	45381	46235	45692	46094	46292	46522	45649	46280	46302	45809	46210	100.139
	7	45984	46134	45864	45924	45451	46183	46510	46282	46573	45811	46009	45701	100.108
	8	46169	46307	46085	45674	46262	45881	45754	46013	45996	46053	46070	46128	100.101
	9	45971	45633	46460	46443	46238	45835	46897	46146	46217	46241	46152	46256	100.481
	10	46065	46317	46280	45601	46505	45857	46169	45223	46073	45930	45657	46163	100.001
	11	45575	45966	46288	46108	46186	45495	45443	45808	46029	45971	45892	46256	99.852
	12	46131	46202	46407	45940	45761	45404	46184	46410	45912	45927	46632	46314	100.252
	13	45248	46447	46221	46589	45810	45476	46630	46096	46167	46209	45833	45956	100.154
	14	45587	46204	46456	45927	46342	45860	46762	46058	45984	46438	46358	46169	100.419
	15	45854	46179	46463	46152	45694	45973	45945	46006	45705	46980	45592	46454	100.211
	16	45661	45718	45697	46224	45610	46239	46071	45863	45960	45418	46475	45843	99.809
	17	45844	45398	45293	46091	45976	46152	46296	46089	45918	46328	46382	45920	99.973
	18	46040	46288	45995	46475	46333	45723	45941	45884	45813	46946	46125	46388	100.384
	19	46006	45879	46824	45886	45897	45868	45568	45212	45368	46730	45602	46304	99.875
	20	46507	45376	45930	46425	45694	45564	45717	45820	45775	45631	45793	45507	99.621
	21	45910	46523	45629	45270	46430	46016	45756	45377	45708	45077	45500	46070	99.535
	22	45847	45581	46434	45808	45779	45678	45777	45947	45950	46345	45622	45789	99.768
	23	45747	45981	45672	45922	45685	45180	46073	45800	45984	45883	46346	45973	99.713

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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	46852	45801	45617	45771	46571	46046	45496	46120	46209	45439	46051	45286	99.898
	1	46165	45666	46064	45659	45474	45834	45658	45689	45940	45754	45539	46173	99.598
	2	45469	46544	46020	46173	46350	46169	46233	45536	45918	45719	46169	45446	99.984
	3	46207	46292	45697	45742	46077	46103	46151	45895	45924	46428	46249	45597	100.096
	4	45756	45832	45988	46403	46157	46019	45494	45942	45664	46196	46316	46692	100.113
	5	46535	46288	45958	46073	45877	45939	45702	45640	45701	45535	45228	46152	99.782
	6	45347	45096	45755	45695	46264	45904	46563	45565	45503	45838	46156	46138	99.635
	7	46427	45970	46022	45963	45823	46186	45592	46218	45775	45504	46468	45917	100.006
	8	46353	45835	45885	45679	45831	45682	45631	45447	45852	46221	46141	46569	99.871
	9	46306	45826	45923	45921	46591	45520	45814	46187	45977	45677	46415	46247	100.103
	10	45576	45951	45820	46159	46057	45413	46024	46272	46284	45180	46780	46579	100.048
	11	46467	46486	46443	46540	45205	45979	46064	45921	46151	45474	46760	46331	100.360
	12	46449	46036	45631	46646	46081	46679	46362	45402	46549	45190	45991	46291	100.267
	13	46759	46295	45836	45548	46716	46309	45981	46508	45999	46092	46464	45578	100.408
	14	46278	45441	46074	45772	45768	45981	46022	46173	46499	46694	45947	46795	100.292
	15	46465	45789	46155	46078	45995	45904	46808	46739	45731	46699	46023	46604	100.572
	16	46336	46385	46323	45810	46450	45910	45621	45914	46655	45724	46379	46419	100.379
	17	46521	45811	46706	46431	45573	46419	45935	45355	45908	46410	46398	46418	100.372
	18	45920	46545	46555	46022	46941	46466	46374	46300	46266	45827	45782	45688	100.517
	19	45688	45752	45932	46303	45662	46036	45506	46392	46154	46100	46208	45999	99.981
	20	46354	45919	45289	46421	45212	46477	46157	45947	45969	46452	45824	47149	100.242
	21	45993	46377	45787	46435	45473	46210	45820	46842	46173	46106	46049	46348	100.323
	22	45399	46385	46199	45823	45675	45945	45568	45708	46093	46446	46122	46676	100.037
	23	46382	46446	46173	45860	45803	45866	46806	46065	45986	45951	46450	46178	100.387
18	0	46494	45844	45359	46036	45848	46475	45981	45512	46218	45801	46833	46694	100.228
	1	46122	45887	45715	45683	45991	45685	45849	46171	46193	46393	46339	45895	100.016
	2	45979	45955	46172	45982	45945	45701	45857	45791	45446	46160	46005	46126	99.871
	3	46071	45606	45923	45542	45381	45649	45752	46384	45493	45906	45383	45528	99.418
	4	46058	45914	45856	45980	45463	44793	45965	45785	45400	46022	46332	46223	99.630
	5	45612	46035	45931	45858	46073	45703	45629	45364	46090	45623	46122	45688	99.619
	6	45900	45397	45612	46432	45715	46171	45698	45500	45633	45927	46028	46315	99.727
	7	45607	45883	46299	45815	45990	46015	46018	45494	46138	46164	45996	45796	99.888
	8	46287	46420	46190	46198	46215	46068	46335	45834	46085	46368	46332	46042	100.460
	9	45597	45893	45607	46029	45139	45890	45911	45904	45672	45616	45824	45438	99.400
	10	45991	46468	46080	46112	46092	46744	46219	45351	45954	46196	45603	45880	100.155
	11	46451	46275	45222	46324	45851	46050	46100	46024	46446	46118	45462	45992	100.087
	12	45253	45737	45770	45453	45995	45474	45888	45738	45502	45826	46441	46527	99.597
	13	45848	45467	45995	45358	45586	46059	45797	45410	46531	46753	45942	46137	99.828
	14	46218	46003	46251	46114	46486	45860	45829	46359	46817	45819	46096	45680	100.308
	15	46205	46251	46475	46608	45629	46028	46312	45771	46350	46350	46412	46187	100.497
	16	46213	46352	46487	46473	46224	45960	45872	46447	46370	46659	46164	46367	100.680
	17	46605	45706	45567	46336	46225	46229	46274	46499	45669	46443	46436	46805	100.536
	18	46536	45907	46519	46042	46263	46425	46461	46113	45573	45834	46834	46889	100.646
	19	46399	46330	46094	46162	45980	45882	45793	45606	46476	45614	46189	45851	100.098
	20	46100	46229	46114	45720	45889	46105	46465	45870	45725	46570	46036	46146	100.206
	21	46085	45353	45714	46273	46264	45788	45092	45671	46088	45692	45755	46291	99.680
	22	45718	46099	45519	45498	45964	45643	46355	45893	45165	45433	45806	45973	99.499
	23	46248	45481	45596	46052	45711	45115	45487	45458	46047	46034	45304	46010	99.403

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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	45655	46152	46201	45778	45661	46195	45937	45812	45938	45645	46124	46166	99.896
	1	45711	45934	45253	46598	46206	45446	45690	46136	45694	45628	45982	45643	99.653
	2	45629	45961	45219	46015	46447	45474	46486	45808	45249	45803	45803	45391	99.539
	3	45653	46044	45593	45617	46204	45808	46206	46227	45406	45735	45420	45110	99.491
	4	45931	45966	45201	46213	46053	45844	45565	46184	45942	46460	46057	45969	99.918
	5	46183	45320	45641	46491	46279	46364	45960	46499	45817	46266	45958	45298	100.044
	6	45888	45985	46460	46017	46171	46073	46121	45368	46072	45866	45890	45846	99.986
	7	45991	45795	45367	46235	45379	45628	46071	46520	46029	45509	46830	46354	99.977
	8	45534	46255	45965	46507	46078	45801	45760	45889	46760	46101	46017	46529	100.247
	9	46062	46074	45763	46012	46291	46036	46102	45613	46273	45852	46319	45768	100.060
	10	45694	46014	45870	45816	45846	46083	46841	46027	45758	45974	46372	45873	100.061
	11	46202	46396	46150	46827	46029	46276	45910	45565	45738	45751	46134	46098	100.225
	12	45932	45804	46410	45545	45568	45826	45965	46033	45614	46561	45666	46252	99.881
	13	46263	45735	45566	46397	46276	45784	45684	46850	45682	46587	45915	46277	100.214
	14	45917	46461	46253	46062	45651	45285	46743	46145	46514	45945	46085	46445	100.303
	15	46187	46404	46063	45684	45822	46319	45199	45946	45942	45820	45966	46410	99.987
	16	46118	45971	45899	45955	46124	46336	46588	46206	46312	46233	46174	45994	100.376
	17	45835	45742	46175	46365	46646	46366	45904	45198	46666	46338	45511	45559	100.086
	18	45942	46142	46290	45856	45451	46020	45699	46056	46265	46158	46076	46322	100.080
	19	45749	45705	46153	46091	46305	45704	45664	45493	45690	45625	46301	46261	99.802
	20	45931	45886	45347	45643	46694	45436	46288	45435	45750	46427	45929	45531	99.722
	21	45813	45740	46006	46240	45749	45851	45657	45809	46506	46230	46100	46890	100.137
	22	45461	45887	46407	45822	46101	45655	45732	45814	46222	45766	45930	46442	99.892
	23	45493	46080	45767	46469	45815	46183	45844	45915	46419	46250	46145	46317	100.157
20	0	46737	46298	45712	46310	45323	46357	46104	45799	46274	46541	46241	46429	100.413
	1	46056	46329	46000	45909	45961	45849	45793	45374	45875	46112	46009	46214	99.936
	2	46241	46145	45940	45815	45698	46544	45874	46595	46104	46235	46244	46508	100.382
	3	46045	46238	46362	45956	45516	45624	45801	45749	45792	45917	46666	45545	99.888
	4	45904	46247	46383	46129	46915	46622	46040	45684	46594	46649	46568	45797	100.670
	5	45601	46183	45747	46274	45966	45779	45779	46477	46311	45657	45773	45962	99.941
	6	46229	46025	45667	46241	46236	45681	46479	46141	46367	45857	45427	46269	100.143
	7	45836	46349	45711	45898	46297	45390	46169	46155	46125	45840	45885	45985	99.965
	8	45338	45636	46574	46636	46014	45793	46362	46009	45667	46037	45926	46166	100.059
	9	46515	46849	46148	45785	46070	46141	46300	45535	45584	45375	45892	46246	100.110
	10	46231	46344	45603	46019	45763	46214	45468	45532	46227	45568	46624	46109	99.976
	11	45476	45895	45828	45698	45769	45895	45815	46464	45861	45423	46271	45976	99.735
	12	46353	46197	46367	46231	45792	46002	46376	46298	46611	45859	45727	45764	100.315
	13	45241	46710	46215	45762	45865	46231	45615	45784	46580	45242	45575	45757	99.772
	14	45407	46343	46387	45801	45990	46146	45853	46091	45728	45417	46252	45863	99.900
	15	45617	45429	46291	46293	45475	46169	46245	45672	45788	45563	46225	46094	99.824
	16	45082	46438	46138	46401	46285	45729	46133	46464	45968	46220	45972	46610	100.291
	17	46235	46893	45873	46234	46262	45341	45703	45917	46419	45952	46101	46488	100.287
	18	45999	45380	46280	47325	46218	45773	46576	45988	46608	46869	46972	46793	100.896
	19	46262	45666	46382	46466	45551	45602	47420	46647	46555	45964	46680	46418	100.685
	20	46657	46030	46400	46071	46523	45794	46279	46046	45857	46545	45790	46466	100.476
	21	46634	45988	46402	45958	46342	45949	45295	45867	46335	45742	46024	45906	100.110
	22	46252	46781	46518	45723	46234	45699	46054	46341	46380	46624	46320	46529	100.657
	23	46508	46292	46340	46409	46440	46119	46162	45995	46325	46441	46258	46604	100.736

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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	46507	46620	46066	46740	45894	46016	46617	46644	46064	46349	46700	46792	100.934	
	1	46288	47533	46919	45945	46509	46508	45925	46484	46632	46727	46098	46336	101.100	
	2	46267	46664	45849	45662	46348	46326	46054	46390	45984	46721	46894	46566	100.706	
	3	46739	46628	46349	45730	46345	45781	45325	46665	45818	46399	46403	46206	100.463	
	4	46438	46654	46525	46717	46134	45980	46770	46611	46454	46599	47137	46684	101.245	
	5	46476	46513	46337	46064	46598	46603	46753	46695	46118	45954	46116	46082	100.811	
	6	46413	45611	45907	46155	45932	46599	46160	46368	46136	46376	45977	46461	100.410	
	7	45958	46372	46409	46478	46286	46255	46308	46039	46489	46142	45942	46289	100.568	
	8	46395	45994	45489	46228	45812	45664	46586	46074	45844	46278	46093	45853	100.087	
	9	45774	46175	45937	46616	46323	45966	46286	46257	45145	46292	46485	45776	100.217	
	10	46634	45492	46488	46014	45339	46063	46460	45564	45937	45596	46097	45430	99.869	
	11	45510	46198	45823	45362	45685	45680	46051	46031	45780	46332	46077	46035	99.771	
	12	45381	45972	46167	46261	45788	45905	46513	46412	46854	46124	46592	45321	100.264	
	13	45848	46168	46039	45956	46828	46435	46115	45853	45866	45606	46352	46043	100.231	
	14	46858	45824	46598	46420	46699	45516	45915	46660	46183	46370	46273	46274	100.680	
	15	46460	46848	46498	46014	46118	46140	46586	46279	46402	46116	46575	46278	100.812	
	16	46085	46541	46310	46528	46241	46178	45804	45947	46178	46347	45861	46128	100.419	
	17	45948	46089	45985	46170	46036	46799	46354	45850	46395	46216	46738	46048	100.506	
	18	46056	45613	46182	45740	46609	45622	46506	46112	45945	46004	46442	46538	100.278	
	19	46208	45926	45995	45618	46201	45830	46477	46133	46088	46181	46321	46477	100.294	
	20	46482	45978	45884	46046	45807	46814	46494	46426	46067	46021	45317	45819	100.240	
	21	45464	46695	45356	45844	45490	45672	46165	46060	45732	45715	46301	46319	99.815	
	22	46124	46933	45805	46591	46214	45181	45634	46033	45313	46525	46035	45854	100.074	
	23	45712	46253	46248	45677	45839	46612	46040	45878	46270	46278	45733	46327	100.188	
22	0	46052	46135	46345	46080	46203	46327	45286	46068	45924	45775	45838	45942	100.028	
	1	46442	46006	46393	45418	46081	45792	46534	46140	46494	45919	45886	45715	100.179	
	2	46129	45934	46085	46023	46351	45794	46458	45856	45343	46042	45860	45632	99.941	
	3	46058	46348	45963	46532	45728	46357	45822	46160	45731	45796	46147	45777	100.106	
	4	46045	45577	45498	45998	46924	45800	45836	46172	46159	45835	45481	45268	99.775	
	5	45712	45958	45951	46007	45399	46315	46375	45974	45585	45770	46271	45435	99.804	
	6	45626	46059	46220	46129	46457	46113	46466	46794	45878	45551	45852	45909	100.222	
	7	45607	45900	45925	46466	46270	46367	46205	45677	45703	46666	46272	45576	100.145	
	8	45575	46163	45351	46019	45464	46025	46307	45561	46350	45722	45920	45904	99.733	
	9	46027	46152	45597	45717	45825	45726	45611	45982	45400	45788	46127	45995	99.658	
	10	46275	45901	45852	45911	45626	45371	45888	45874	45962	45645	45711	45710	99.618	
	11	45843	45586	46192	45480	46567	46323	46097	45213	45658	46646	46143	45429	99.881	
	12	46078	45488	46426	45870	46161	45818	45957	45960	46569	45646	45798	46021	99.992	
	13	46172	46336	45921	45705	45721	45739	46027	46027	46431	45767	46343	46321	100.123	
	14	45855	45866	45627	46170	46214	46019	46331	46297	46001	45962	45882	45367	99.956	
	15	44980	46372	45798	45997	46131	46690	45110	46284	46058	46493	45795	45749	99.931	
	16	45356	46144	46328	45308	46295	46122	46382	46003	45959	46514	46012	45988	100.105	
	17	45733	46264	46702	45938	46069	45661	46338	46245	45337	45715	47448	44477	100.017	
	18	45963	46517	46840	46173	46146	45929	45511	45648	45882	45750	46052	45621	100.037	
	19	47392	46964	45995	45728	46024	45992	45638	46452	46421	45839	45799	46717	100.567	
	20	46236	45669	46315	46058	46156	46111	46136	46129	45884	46107	46188	46054	100.219	
	21	45932	45923	45938	45627	46004	45505	45339	46031	45898	45829	46460	45931	99.743	
	22	46303	45460	45626	46392	46056	46113	45904	46282	45870	46408	45529	45587	99.945	
	23	46565	46250	45740	46233	46194	46371	45973	46053	46336	46091	46420	45892	100.414	

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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	46131	46770	46564	45848	45714	47038	46071	45613	45356	45901	45422	46645	100.219
	1	46515	45960	46431	46356	46162	45897	46736	45272	46491	46476	46023	46389	100.521
	2	46087	46612	46006	45851	45936	46465	45769	46083	45868	46074	46734	46479	100.386
	3	45895	46280	45964	46053	45824	46212	46179	45770	45738	46040	46207	46114	100.080
	4	46715	45286	46605	46283	46080	46241	45859	46305	45876	46038	46100	45827	100.250
	5	46411	45686	46159	46290	46467	46256	45779	46384	45793	45992	46203	45882	100.266
	6	45612	46360	45794	46565	46448	45620	46181	45782	46294	45783	45861	46362	100.150
	7	45845	45759	46399	46441	45952	45647	45665	46421	45886	46491	45359	46365	100.072
	8	45687	46285	46499	45683	46063	45624	46002	45989	46028	45835	46247	45831	99.989
	9	46039	46074	45914	46205	45561	46003	46061	45716	45998	46392	46012	46216	100.065
	10	46629	46650	46188	46145	46530	45836	45888	46042	46309	45913	45884	46282	100.446
	11	46498	46282	46617	46060	46128	46466	46379	46623	46609	46444	46847	46587	101.034
	12	46248	45482	46242	46211	45845	46394	46676	45961	46175	46178	46798	46211	100.469
	13	46431	46402	45978	45850	45921	45441	46251	45712	46019	46527	46048	46613	100.246
	14	46659	46011	46115	46131	45799	45882	46784	46601	45892	45424	46092	46513	100.375
	15	46058	45600	46093	46406	46734	45963	45915	46271	45891	45901	46455	46300	100.318
	16	45584	46412	45449	46119	46541	45791	45381	46089	45930	46164	45761	46020	99.893
	17	46374	45469	45897	45849	46047	45934	45764	46015	45702	45750	46071	46124	99.848
	18	46218	45940	45751	46244	46192	46011	46027	45891	46172	46347	46436	45819	100.220
	19	46456	45470	46306	46535	46509	46315	46031	46130	45730	46289	46005	46193	100.387
	20	45909	45612	45923	45875	46602	46204	46047	45549	46069	45255	45483	45366	99.649
	21	46031	45858	46673	46431	45441	46118	45794	45353	45347	46050	46500	46321	100.015
	22	45980	45214	46371	46338	45719	45818	46005	45537	45910	45653	46237	46230	99.851
	23	45720	45911	45557	45607	45982	45904	46229	45928	45930	46447	46127	46189	99.945
24	0	45886	45589	46246	45938	47277	46222	46465	46569	46118	46337	45605	45931	100.430
	1	46055	45958	46410	45979	45816	45954	46088	45857	45792	46064	45787	45465	99.890
	2	46323	46164	46038	46098	46231	45757	46132	45784	45576	46452	46640	45234	100.108
	3	45959	45433	46138	46051	45696	45566	45636	45764	46281	46093	46292	45916	99.817
	4	45565	46257	46142	46104	46383	45342	45299	45534	45884	45889	45697	45988	99.683
	5	46067	46701	45450	45722	46354	45627	45982	45972	46404	45776	45602	46066	99.980
	6	46429	46271	45266	45597	45647	45446	46039	46102	45819	45635	46234	45884	99.735
	7	46046	45929	45795	45404	45957	45756	46214	45467	45872	45910	45706	45853	99.652
	8	45948	46652	44936	45902	46058	46207	46045	45554	46186	45515	46096	45948	99.857
	9	46049	45689	46332	45494	45761	45724	45275	45719	46076	45357	45814	45821	99.507
	10	45585	45711	45278	46234	46121	45706	46201	46095	46458	45707	46024	45860	99.845
	11	46275	46014	46155	45629	46253	46356	45464	45934	46559	46540	45981	45689	100.184
	12	46311	45869	46298	45796	45313	46757	46069	46163	46066	45924	46252	45523	100.092
	13	45601	46345	46409	46116	46593	45861	45830	45678	45895	46083	46443	45815	100.152
	14	45590	46576	45914	45920	45476	45856	45490	45869	46355	45446	46149	46102	99.802
	15	46000	45587	46080	45964	46677	45265	46463	45962	46168	45912	46211	46263	100.130
	16	46045	45759	46168	45852	46119	46706	45909	45770	45731	45607	46387	46263	100.087
	17	46280	46736	46046	46005	46026	45441	45743	46391	46681	45838	46258	46585	100.398
	18	46317	46412	46269	45568	45419	46590	45666	45900	45652	46285	45731	46231	100.038
	19	46005	46334	46397	46391	45990	46217	46522	46243	45932	46162	45823	46034	100.402
	20	45747	45766	46093	46278	45926	46867	46184	45413	46229	46103	46224	45390	100.070
	21	45976	45705	46154	45890	46285	45806	46514	46299	45915	45911	45962	46043	100.113
	22	45619	46471	46385	46295	46225	47064	46319	45721	45920	46290	46064	46337	100.521
	23	45923	46234	46145	46923	45925	46671	46421	46270	46792	46623	46919	46426	100.986

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
25	0	46423	46693	46165	46062	46410	45968	46535	46352	46383	46697	46306	46473	100.842	
	1	46643	46457	46328	46517	46755	46374	46248	45866	46388	46369	46593	46151	100.880	
	2	46437	46232	46909	46725	46167	46736	45860	46700	47018	46393	45713	46860	101.072	
	3	46275	46122	46289	45909	45829	46195	45974	45414	46125	45947	45416	46088	99.955	
	4	46111	46109	45645	46364	45408	46334	45806	45932	46135	46317	45860	45817	100.001	
	5	45782	46102	45869	45831	46045	46007	46336	46394	46145	45779	46656	46513	100.294	
	6	46559	46324	45986	45779	45436	46135	46063	45811	45951	46054	46495	46236	100.180	
	7	45636	46025	46235	46125	45317	46299	46349	46089	45892	46126	46531	45916	100.128	
	8	45782	46160	46263	45907	45788	46152	45873	45663	45616	45764	45812	46075	99.822	
	9	46199	45783	45701	45863	46515	46286	45860	45486	46380	45873	45304	46202	99.931	
	10	46234	46541	45976	46320	46054	46056	46033	46627	45963	45769	46184	46438	100.428	
	11	46100	45790	45408	46050	45748	46071	46511	45855	45621	45733	45280	45691	99.642	
	12	45959	46227	46197	46372	45812	45984	45993	45880	46047	46456	46104	46139	100.242	
	13	47029	46002	46090	46037	46344	46353	46345	46715	46015	46140	46305	46094	100.659	
	14	45880	46292	45795	46465	46527	46173	45678	46193	45614	46093	45884	46109	100.158	
	15	46300	46352	45706	46185	46332	46361	46238	46044	46100	46083	46353	46424	100.479	
	16	46367	46181	45923	46202	45832	45524	46729	46161	45545	46349	46117	46020	100.203	
	17	46386	45914	45938	45767	46277	45688	46200	46552	45527	45933	45956	46376	100.124	
	18	46157	46177	46164	46308	45819	45860	46258	45436	45493	45720	46687	46034	100.051	
	19	46341	46048	46729	45996	46338	45874	46122	45731	46085	46485	46418	46500	100.514	
	20	46166	46309	46122	45666	45800	46266	46460	45852	46360	46338	45420	46031	100.173	
	21	45980	46109	45388	45943	45961	45817	46493	46419	46133	46438	45840	45943	100.114	
	22	45994	46192	45618	46365	46573	45589	46248	46266	46022	46354	46001	45578	100.175	
	23	45361	45870	45857	45672	46293	46201	46240	45796	46326	45696	45897	45790	99.849	
26	0	45806	46157	46117	46117	45988	46283	46130	46387	47054	45982	45859	46550	100.473	
	1	45769	45903	45905	45937	45962	46417	46388	46466	46406	46667	46560	46081	100.477	
	2	46870	46205	46675	45987	45564	46070	45860	46052	45844	46419	46343	46723	100.503	
	3	45999	46629	46198	46429	46200	46786	46869	46294	46580	45970	46186	46315	100.838	
	4	46105	46038	45775	45847	46181	45769	46045	46203	46254	46716	46118	46407	100.294	
	5	46391	46093	46149	46537	46285	45752	46364	46567	46242	45630	45691	46059	100.349	
	6	46804	46472	46752	46001	45976	46369	46542	46921	46400	45740	45783	46730	100.844	
	7	45736	46017	46236	46426	45758	46326	45675	45842	46436	45803	46347	46547	100.238	
	8	46399	45657	47057	47139	46742	46157	46275	46151	46372	46456	46175	46362	100.926	
	9	46533	45782	46480	46356	46777	46123	45416	46144	45493	46160	46096	45863	100.252	
	10	46273	46078	46609	46643	46243	47155	46209	46500	46094	47039	46347	45859	100.945	
	11	46165	45800	46379	46617	45773	45445	45980	46065	46469	46536	46434	46533	100.429	
	12	46251	45940	46027	46001	45573	46652	46767	46086	45964	46174	45546	46505	100.300	
	13	46170	46368	45914	46175	45750	46462	46089	45839	45665	45771	46100	45937	100.074	
	14	45479	45809	46156	45776	45966	45720	46238	46459	46109	46794	46207	46186	100.193	
	15	46550	46114	46783	46135	45922	46326	45704	45697	45953	45916	46149	45978	100.253	
	16	45977	46533	46356	46224	46325	46036	46285	46263	45950	46180	46340	46376	100.546	
	17	46003	46150	46245	46138	46187	46236	46191	45603	46274	46364	45820	46080	100.264	
	18	46712	47367	46798	45963	46728	45651	46083	46454	45714	46029	45651	46130	100.625	
	19	46028	46006	45834	45692	45888	45957	45645	46603	46469	45787	45746	46690	100.092	
	20	46011	45636	45772	46262	45957	46317	46649	45707	45834	46513	45715	46346	100.160	
	21	45957	46665	46054	45887	46190	46219	45643	46241	46009	45520	46215	46066	100.150	
	22	46806	46019	46509	47285	46693	45960	46287	45981	46492	45919	46360	46265	100.860	
	23	46018	45655	46033	46036	46180	46555	46540	46044	46748	46177	45709	45886	100.317	

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
27	0	45802	46033	46654	45982	46088	46173	46182	46921	46471	45889	46475	45693	100.458
	1	46226	46158	46650	46119	46351	47013	46268	45534	45923	46603	46432	45587	100.549
	2	45991	46493	45912	45830	46454	45642	46394	45945	45867	45743	45889	46051	100.068
	3	46459	46124	46046	45941	45586	45863	46441	46090	46231	46127	45983	46067	100.204
	4	46338	45781	45679	45836	45410	45771	46174	46160	45742	45862	45945	45932	99.782
	5	46061	45891	46464	46114	46012	45659	45994	45542	45902	45744	45921	45596	99.831
	6	45938	46315	45828	45948	45501	45844	46126	45390	46011	46581	45650	45923	99.859
	7	45650	46282	45963	45828	45735	45800	45909	46176	45726	46226	46610	45712	99.961
	8	46185	46442	45649	45859	45797	46305	45904	46300	46184	46372	45688	45546	100.072
	9	46037	45313	45866	45948	45384	46308	45795	45873	46167	45580	46082	45498	99.641
	10	45896	46195	46023	46521	46198	46219	46367	46396	45306	45120	45552	45296	99.865
	11	45710	46296	46551	46427	46082	45630	46320	45637	46489	46494	46072	45957	100.332
	12	46339	46444	46339	45003	46366	45927	46239	46297	46379	46070	46029	46563	100.392
	13	45923	46200	45819	46195	45554	46955	46471	46440	46081	45633	46347	46539	100.421
	14	45849	45748	45912	46607	46199	46036	45517	46159	46245	45266	46111	45921	99.952
	15	46856	46428	46136	46521	46095	46082	46085	46068	46340	45838	46103	46328	100.552
	16	45988	46101	46436	46243	46044	45431	45715	46395	46428	46818	46377	45927	100.375
	17	46076	46358	45457	46441	46125	45654	46175	45895	45560	45680	45761	46333	99.942
	18	46239	46184	46135	46205	45688	45278	46155	46478	46613	46766	46473	46247	100.476
	19	46575	45822	46441	46116	45598	46107	46466	46454	46306	46389	45988	46473	100.526
	20	46965	46877	46081	46487	46351	46171	46678	46522	46484	45913	45896	46390	100.903
	21	45394	46265	46549	46435	46451	46117	46296	46435	44758	45561	46359	45679	100.085
	22	46312	46045	46576	46530	46107	46286	45625	46123	46281	46120	46296	45100	100.284
	23	46144	45936	45840	45454	46299	45687	45486	46094	46203	45758	45836	45506	99.712
28	0	46211	46084	45932	45785	46321	45844	45875	46532	46913	46009	45990	45084	100.133
	1	45924	46326	45287	45920	46201	45689	45609	45750	46112	45860	46084	45940	99.795
	2	46519	46425	45835	45133	46173	45218	45566	45257	46140	45862	45658	45675	99.570
	3	46112	46407	46791	46110	45460	46420	45920	46211	45435	46065	45651	46014	100.138
	4	46002	46016	46194	46359	45829	46443	46458	45594	45758	45596	45471	46077	99.994
	5	46104	46272	45543	45820	46630	46424	45784	46231	46032	46134	46405	46056	100.290
	6	45843	46980	45733	45841	46501	45859	45285	46804	45343	46212	46140	46412	100.203
	7	46252	46240	46561	46129	46633	46104	45916	46436	46320	46601	46408	45873	100.660
	8	45614	46351	46153	46141	45918	46342	46037	46197	46274	46505	46689	45719	100.381
	9	46362	45974	46718	45788	46928	47011	46347	46220	46153	46900	45833	45645	100.733
	10	45903	46133	46471	46693	46557	46124	45829	46579	46396	46670	46384	46238	100.751
	11	46471	46464	46373	45808	46494	46125	45916	46104	45971	46252	46042	45780	100.356
	12	46661	46524	46272	46537	45473	46328	46832	46144	46746	46858	46188	46750	100.993
	13	46751	46696	46516	46844	46346	46377	47057	46662	45917	46557	46450	46841	101.301
	14	46311	46494	46639	46074	46590	46563	46456	46192	46467	46791	46886	46709	101.148
	15	46398	46621	46042	46884	45883	46964	46095	46388	46144	46285	45881	46484	100.768
	16	45580	46168	46569	46879	46330	46759	46433	46254	45771	46903	46013	45857	100.668
	17	46696	47051	45847	45909	46894	46191	46167	46460	46332	46573	46410	46935	101.021
	18	46398	46449	46358	45877	45917	46446	47235	46334	45953	46355	46527	46001	100.728
	19	46479	45995	45987	46373	45807	46248	46230	46519	46355	46588	46537	45774	100.554
	20	46626	47037	45847	46534	46525	45953	45714	46713	46075	46141	45997	46378	100.671
	21	46606	47478	46543	45799	46429	46726	46558	46626	46065	45950	46377	45913	100.949
	22	46566	45718	45965	46207	46478	45763	45866	45845	46410	46410	46219	46396	100.364
	23	45890	45966	46240	45815	46856	46947	46407	45736	46477	46587	45785	46424	100.597

INAF/UNIRomaTre				S.V.I.R.CO. Observatory - Pressure Corrected Data – November 2011										20 NM-64	
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm	
29	0	47107	46510	47365	46782	45913	46739	45970	45644	45875	45756	46041	46386	100.770	
	1	46051	45861	46214	46003	45495	45891	46211	46718	46373	45777	46012	46684	100.264	
	2	46164	45927	45671	45661	46156	45958	45998	46148	46666	46530	46130	46206	100.250	
	3	46146	46065	46131	45800	45460	45509	46477	45913	46181	46107	46200	45686	99.972	
	4	46028	46207	46171	46226	45720	45862	46132	45911	46289	45378	46137	45876	100.019	
	5	45786	45532	45545	45387	46105	45526	46608	45193	45261	45981	45541	46155	99.418	
	6	45793	46006	45953	45869	46374	45635	46455	45915	45617	46027	45625	45827	99.867	
	7	46289	45715	46828	46122	45888	45978	46306	45923	46327	46129	45468	46096	100.224	
	8	45769	45975	45706	46408	46375	45890	46115	45500	45973	45243	46011	46414	99.918	
	9	45705	45949	45467	45102	45459	46039	45740	45624	45426	45223	45841	46349	99.292	
	10	45459	45850	46179	45690	45582	45481	45730	45860	45689	45777	46430	46015	99.622	
	11	45578	45903	46632	45693	45411	46053	45277	46640	46219	45562	46264	46319	99.949	
	12	46366	46831	46427	46853	46133	45730	46257	46267	46085	46201	45703	45997	100.547	
	13	45744	45625	46066	46041	46162	45355	46664	45322	45789	45435	45759	46135	99.686	
	14	45229	45824	45818	45984	46050	45705	45916	45904	45542	45724	45915	45603	99.525	
	15	45492	46396	45428	46201	45871	44896	45770	45455	45979	45720	45921	45745	99.464	
	16	45530	45249	45438	45435	45945	45240	45895	45473	45702	45441	46295	45816	99.207	
	17	45993	45508	45967	45739	45236	45638	45571	45543	46063	46050	45669	45600	99.410	
	18	45499	46054	45547	45760	45793	45728	46122	46137	45512	45776	45831	45606	99.553	
	19	45375	46146	45914	46221	45511	46193	45394	46062	46214	46377	45446	45644	99.758	
	20	46406	46567	46062	46095	46385	45484	46102	46273	45381	46094	45865	46129	100.183	
	21	45415	46282	45933	45816	46133	45902	45307	45188	45413	45607	45772	45716	99.393	
	22	45524	45089	45333	45820	45750	45720	45464	45329	45890	45278	45386	45338	98.928	
	23	45302	45184	45546	45295	45445	45454	45403	45319	45886	45232	44535	45645	98.625	
30	0	45249	45685	45488	45406	45959	45561	45400	45809	45805	45712	45594	45400	99.140	
	1	45535	45910	46055	46023	44664	45546	45809	45327	45011	45624	45004	45556	98.955	
	2	45597	45527	45096	45549	45701	45467	45764	45348	45410	45091	45683	45691	98.929	
	3	46055	46158	45321	45448	45430	45798	45115	45236	45249	45497	45303	45793	99.016	
	4	45677	45640	46405	45511	45752	46062	45972	45452	45718	45788	45989	45413	99.556	
	5	45729	45285	45432	45935	45830	45550	45294	46230	45796	45366	46361	45910	99.436	
	6	45812	45345	44998	45447	45373	45109	45371	46218	45536	45171	45829	46300	99.035	
	7	45449	45871	45794	46537	45919	46043	46328	45671	45620	46045	45644	45795	99.797	
	8	46019	45695	45938	45467	46115	45820	46643	46817	46002	45768	46545	46095	100.197	
	9	45624	45512	45695	45486	45567	45860	45772	45632	45703	46083	45669	46336	99.476	
	10	45791	46531	46093	45047	46197	46859	45906	46371	46024	45847	45934	46392	100.210	
	11	46278	46091	45905	46127	45680	46565	45298	46549	46289	46043	47015	46094	100.381	
	12	46434	46856	46086	46158	46144	46197	46091	46069	46589	46171	46241	46132	100.604	
	13	46369	46292	46330	46564	45736	46223	46362	46354	46348	46154	46308	46848	100.735	
	14	46078	45915	45632	46057	46736	46458	46331	46020	46623	46810	46948	46846	100.837	
	15	46521	46123	46642	45809	46422	46426	46371	46477	46129	46708	46128	46171	100.742	
	16	45526	46309	46309	45733	45891	45595	45953	46001	46045	46409	46178	46294	100.074	
	17	45977	46475	45739	46409	46408	45612	46077	46217	46003	46801	46294	46033	100.401	
	18	46173	45858	46098	46413	45839	45620	46039	46180	46297	45815	46191	45787	100.087	
	19	45774	46398	46100	46272	46792	46023	46014	45788	46414	46149	46166	46040	100.380	
	20	45423	46030	45639	46140	46557	45977	46401	46748	46326	46084	46037	46328	100.336	
	21	45830	45695	45904	45555	46191	46225	46112	45706	45914	45292	45893	45001	99.544	
	22	46757	46328	46153	46550	46025	45481	45838	45444	45558	46041	45874	45225	99.899	
	23	45657	45217	45493	45721	45843	45746	45548	46310	45623	45408	46419	45881	99.462	

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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	1017.83	1017.85	1017.89	1017.89	1017.89	1017.93	1017.96	1017.98	1017.99	1017.98	1017.98	1017.96	1017.93
	1	1017.94	1017.93	1017.93	1017.91	1017.89	1017.90	1017.88	1017.85	1017.82	1017.79	1017.75	1017.69	1017.85
	2	1017.64	1017.60	1017.57	1017.55	1017.53	1017.53	1017.56	1017.59	1017.61	1017.64	1017.66	1017.66	1017.59
	3	1017.67	1017.68	1017.70	1017.69	1017.70	1017.72	1017.71	1017.70	1017.68	1017.64	1017.61	1017.60	1017.67
	4	1017.61	1017.60	1017.59	1017.60	1017.62	1017.63	1017.62	1017.61	1017.62	1017.65	1017.68	1017.69	1017.62
	5	1017.70	1017.69	1017.65	1017.63	1017.68	1017.74	1017.80	1017.88	1017.91	1017.93	1017.97	1017.96	1017.79
	6	1017.98	1018.06	1018.14	1018.25	1018.33	1018.38	1018.46	1018.54	1018.49	1018.40	1018.43	1018.52	1018.33
	7	1018.55	1018.56	1018.61	1018.65	1018.64	1018.63	1018.62	1018.60	1018.60	1018.60	1018.54	1018.48	1018.59
	8	1018.46	1018.45	1018.44	1018.47	1018.50	1018.51	1018.53	1018.54	1018.50	1018.44	1018.42	1018.41	1018.47
	9	1018.40	1018.38	1018.37	1018.35	1018.32	1018.30	1018.30	1018.29	1018.26	1018.24	1018.22	1018.20	1018.30
	10	1018.17	1018.12	1018.03	1017.95	1017.91	1017.84	1017.77	1017.71	1017.65	1017.61	1017.56	1017.50	1017.82
	11	1017.45	1017.39	1017.36	1017.35	1017.32	1017.26	1017.20	1017.18	1017.16	1017.14	1017.11	1017.09	1017.25
	12	1017.06	1017.02	1016.99	1016.97	1016.98	1017.01	1016.99	1016.97	1016.98	1016.98	1016.98	1016.98	1016.99
	13	1016.99	1016.98	1016.93	1016.87	1016.86	1016.90	1016.96	1016.97	1016.96	1016.94	1016.96	1017.00	1016.94
	14	1017.01	1016.99	1016.96	1016.93	1016.88	1016.86	1016.88	1016.90	1016.89	1016.89	1016.90	1016.89	1016.91
	15	1016.88	1016.88	1016.89	1016.93	1016.93	1016.92	1016.95	1016.99	1017.01	1017.02	1017.04	1017.07	1016.96
	16	1017.08	1017.10	1017.15	1017.18	1017.21	1017.23	1017.27	1017.30	1017.31	1017.33	1017.38	1017.44	1017.24
	17	1017.50	1017.52	1017.55	1017.60	1017.57	1017.53	1017.54	1017.55	1017.56	1017.57	1017.55	1017.55	1017.55
	18	1017.56	1017.54	1017.51	1017.54	1017.57	1017.58	1017.61	1017.67	1017.70	1017.72	1017.76	1017.77	1017.62
	19	1017.78	1017.81	1017.86	1017.89	1017.90	1017.92	1017.95	1017.98	1017.99	1018.00	1018.04	1018.10	1017.93
	20	1018.14	1018.19	1018.24	1018.27	1018.29	1018.30	1018.28	1018.28	1018.31	1018.32	1018.31	1018.31	1018.27
	21	1018.32	1018.33	1018.30	1018.26	1018.23	1018.22	1018.22	1018.25	1018.30	1018.33	1018.33	1018.31	1018.28
	22	1018.29	1018.29	1018.31	1018.31	1018.29	1018.29	1018.32	1018.34	1018.35	1018.36	1018.36	1018.34	1018.32
	23	1018.31	1018.28	1018.25	1018.24	1018.23	1018.21	1018.22	1018.22	1018.19	1018.18	1018.18	1018.17	1018.22
2	0	1018.12	1018.11	1018.10	1018.12	1018.16	1018.18	1018.20	1018.21	1018.19	1018.14	1018.11	1018.11	1018.14
	1	1018.13	1018.12	1018.10	1018.10	1018.06	1018.05	1018.07	1018.05	1018.04	1018.05	1018.03	1017.97	1018.06
	2	1017.92	1017.90	1017.93	1017.96	1017.96	1017.97	1017.94	1017.88	1017.84	1017.83	1017.84	1017.83	1017.90
	3	1017.82	1017.84	1017.89	1017.91	1017.90	1017.90	1017.90	1017.90	1017.90	1017.90	1017.91	1017.88	1017.88
	4	1017.84	1017.83	1017.81	1017.79	1017.75	1017.69	1017.65	1017.65	1017.64	1017.63	1017.62	1017.57	1017.70
	5	1017.53	1017.54	1017.54	1017.53	1017.54	1017.57	1017.58	1017.58	1017.59	1017.59	1017.61	1017.65	1017.57
	6	1017.66	1017.63	1017.62	1017.65	1017.70	1017.75	1017.79	1017.81	1017.83	1017.85	1017.88	1017.94	1017.76
	7	1018.03	1018.08	1018.11	1018.13	1018.13	1018.11	1018.10	1018.07	1018.08	1018.09	1018.08	1018.04	1018.09
	8	1018.01	1018.01	1018.04	1018.06	1018.10	1018.12	1018.09	1018.05	1018.06	1018.09	1018.09	1018.06	1018.06
	9	1018.04	1018.00	1017.95	1017.93	1017.93	1017.92	1017.89	1017.87	1017.87	1017.84	1017.84	1017.79	1017.90
	10	1017.70	1017.65	1017.61	1017.53	1017.44	1017.36	1017.31	1017.27	1017.19	1017.06	1016.99	1016.93	1017.33
	11	1016.87	1016.83	1016.78	1016.72	1016.65	1016.62	1016.60	1016.53	1016.48	1016.45	1016.40	1016.36	1016.61
	12	1016.35	1016.33	1016.30	1016.29	1016.27	1016.21	1016.16	1016.12	1016.08	1016.04	1016.02	1016.04	1016.18
	13	1016.08	1016.07	1016.03	1015.98	1015.97	1015.97	1015.96	1015.96	1015.98	1015.99	1015.97	1015.97	1015.99
	14	1015.96	1015.96	1015.95	1015.94	1015.98	1016.01	1016.01	1016.00	1015.99	1015.98	1015.95	1015.91	1015.97
	15	1015.90	1015.92	1015.95	1015.97	1015.97	1015.99	1016.02	1016.02	1016.01	1016.02	1016.04	1016.06	1015.99
	16	1016.07	1016.09	1016.13	1016.18	1016.23	1016.26	1016.28	1016.29	1016.31	1016.33	1016.37	1016.41	1016.24
	17	1016.44	1016.48	1016.50	1016.51	1016.53	1016.55	1016.57	1016.59	1016.61	1016.62	1016.62	1016.63	1016.55
	18	1016.65	1016.67	1016.68	1016.70	1016.71	1016.72	1016.75	1016.75	1016.73	1016.71	1016.71	1016.72	1016.71
	19	1016.71	1016.72	1016.76	1016.77	1016.77	1016.79	1016.81	1016.86	1016.92	1016.96	1016.99	1017.01	1016.84
	20	1017.03	1017.06	1017.05	1017.02	1017.00	1017.02	1017.06	1017.11	1017.17	1017.22	1017.22	1017.21	1017.10
	21	1017.21	1017.21	1017.19	1017.20	1017.18	1017.15	1017.15	1017.15	1017.13	1017.09	1017.05	1017.01	1017.14
	22	1016.97	1016.93	1016.88	1016.84	1016.84	1016.87	1016.88	1016.89	1016.85	1016.80	1016.79	1016.79	1016.86
	23	1016.81	1016.83	1016.82	1016.80	1016.79	1016.74	1016.67	1016.60	1016.57	1016.57	1016.56	1016.58	1016.69

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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	1016.59	1016.61	1016.60	1016.56	1016.52	1016.47	1016.40	1016.33	1016.31	1016.32	1016.32	1016.31	1016.44
	1	1016.31	1016.29	1016.23	1016.20	1016.16	1016.10	1016.07	1016.03	1016.02	1016.04	1016.04	1016.04	1016.13
	2	1016.06	1016.05	1016.04	1016.06	1016.06	1016.06	1016.06	1016.05	1016.06	1016.06	1016.06	1016.07	1016.06
	3	1016.10	1016.14	1016.16	1016.17	1016.17	1016.17	1016.16	1016.16	1016.15	1016.10	1016.08	1016.10	1016.14
	4	1016.12	1016.13	1016.12	1016.09	1016.08	1016.10	1016.15	1016.21	1016.26	1016.34	1016.40	1016.43	1016.20
	5	1016.46	1016.51	1016.53	1016.48	1016.46	1016.49	1016.52	1016.61	1016.68	1016.72	1016.77	1016.80	1016.58
	6	1016.83	1016.90	1016.95	1017.00	1017.04	1017.08	1017.10	1017.10	1017.12	1017.16	1017.25	1017.32	1017.07
	7	1017.39	1017.43	1017.45	1017.44	1017.42	1017.40	1017.41	1017.45	1017.43	1017.39	1017.34	1017.31	1017.40
	8	1017.31	1017.32	1017.29	1017.26	1017.25	1017.26	1017.26	1017.32	1017.41	1017.42	1017.36	1017.24	1017.31
	9	1017.08	1016.98	1017.03	1017.11	1017.12	1017.06	1017.05	1017.07	1017.03	1016.99	1016.95	1016.90	1017.03
	10	1016.87	1016.78	1016.71	1016.67	1016.63	1016.55	1016.44	1016.36	1016.28	1016.14	1016.02	1015.95	1016.45
	11	1015.90	1015.88	1015.85	1015.75	1015.65	1015.61	1015.58	1015.52	1015.46	1015.43	1015.44	1015.42	1015.62
	12	1015.37	1015.35	1015.38	1015.38	1015.34	1015.34	1015.39	1015.38	1015.35	1015.34	1015.29	1015.25	1015.35
	13	1015.23	1015.22	1015.21	1015.17	1015.14	1015.14	1015.14	1015.13	1015.12	1015.13	1015.15	1015.17	1015.16
	14	1015.18	1015.20	1015.21	1015.19	1015.17	1015.16	1015.16	1015.16	1015.19	1015.22	1015.24	1015.20	1015.19
	15	1015.16	1015.13	1015.07	1015.04	1015.04	1015.04	1015.03	1014.98	1014.93	1014.91	1014.92	1014.96	1015.02
	16	1015.00	1015.02	1015.03	1015.06	1015.09	1015.11	1015.16	1015.22	1015.29	1015.36	1015.40	1015.44	1015.18
	17	1015.49	1015.55	1015.62	1015.66	1015.66	1015.65	1015.66	1015.66	1015.66	1015.68	1015.69	1015.71	1015.64
	18	1015.71	1015.70	1015.70	1015.67	1015.60	1015.50	1015.39	1015.33	1015.34	1015.39	1015.40	1015.42	1015.51
	19	1015.47	1015.51	1015.50	1015.48	1015.45	1015.43	1015.41	1015.42	1015.49	1015.56	1015.59	1015.61	1015.49
	20	1015.61	1015.60	1015.60	1015.56	1015.53	1015.55	1015.57	1015.58	1015.57	1015.56	1015.57	1015.55	1015.57
	21	1015.53	1015.55	1015.56	1015.55	1015.50	1015.46	1015.41	1015.37	1015.34	1015.34	1015.35	1015.36	1015.44
	22	1015.31	1015.23	1015.19	1015.15	1015.14	1015.15	1015.12	1015.10	1015.12	1015.16	1015.13	1015.08	1015.16
	23	1015.06	1015.04	1015.02	1014.98	1014.97	1014.98	1014.95	1014.92	1014.90	1014.83	1014.76	1014.70	1014.92
4	0	1014.65	1014.67	1014.72	1014.79	1014.83	1014.82	1014.81	1014.86	1014.96	1014.96	1014.93	1014.90	1014.83
	1	1014.86	1014.86	1014.84	1014.78	1014.70	1014.64	1014.59	1014.54	1014.52	1014.46	1014.42	1014.42	1014.63
	2	1014.41	1014.40	1014.38	1014.31	1014.24	1014.22	1014.26	1014.32	1014.37	1014.38	1014.35	1014.36	1014.33
	3	1014.36	1014.34	1014.32	1014.30	1014.29	1014.27	1014.26	1014.27	1014.30	1014.31	1014.30	1014.31	1014.30
	4	1014.33	1014.35	1014.37	1014.37	1014.34	1014.26	1014.12	1014.04	1014.11	1014.23	1014.33	1014.36	1014.27
	5	1014.37	1014.41	1014.45	1014.48	1014.47	1014.44	1014.42	1014.41	1014.42	1014.43	1014.47	1014.56	1014.44
	6	1014.67	1014.81	1014.90	1014.95	1015.00	1015.05	1015.07	1015.06	1015.06	1015.04	1014.96	1014.90	1014.95
	7	1014.87	1014.84	1014.86	1014.89	1014.93	1015.04	1015.11	1015.17	1015.22	1015.27	1015.32	1015.34	1015.07
	8	1015.29	1015.26	1015.33	1015.40	1015.42	1015.38	1015.33	1015.33	1015.38	1015.42	1015.42	1015.45	1015.36
	9	1015.50	1015.48	1015.47	1015.48	1015.45	1015.43	1015.44	1015.45	1015.40	1015.34	1015.26	1015.19	1015.41
	10	1015.12	1015.04	1014.97	1014.90	1014.85	1014.77	1014.70	1014.63	1014.56	1014.51	1014.42	1014.36	1014.73
	11	1014.32	1014.27	1014.28	1014.31	1014.30	1014.27	1014.24	1014.23	1014.21	1014.18	1014.10	1014.06	1014.23
	12	1014.03	1013.98	1013.92	1013.88	1013.87	1013.82	1013.79	1013.80	1013.81	1013.79	1013.73	1013.68	1013.84
	13	1013.65	1013.64	1013.61	1013.54	1013.52	1013.51	1013.50	1013.48	1013.46	1013.47	1013.43	1013.42	1013.52
	14	1013.43	1013.38	1013.32	1013.29	1013.31	1013.34	1013.37	1013.41	1013.40	1013.39	1013.41	1013.43	1013.37
	15	1013.43	1013.46	1013.51	1013.55	1013.56	1013.55	1013.54	1013.50	1013.49	1013.52	1013.57	1013.61	1013.52
	16	1013.61	1013.63	1013.68	1013.71	1013.72	1013.72	1013.75	1013.79	1013.82	1013.83	1013.86	1013.91	1013.75
	17	1013.95	1013.99	1014.05	1014.09	1014.10	1014.12	1014.15	1014.15	1014.11	1014.06	1014.00	1013.93	1014.06
	18	1013.91	1013.89	1013.89	1013.92	1013.93	1013.94	1013.94	1013.94	1013.95	1013.94	1013.93	1013.91	1013.92
	19	1013.87	1013.86	1013.89	1013.87	1013.82	1013.81	1013.84	1013.89	1013.91	1013.89	1013.85	1013.83	1013.86
	20	1013.79	1013.77	1013.78	1013.81	1013.88	1013.93	1013.93	1013.94	1013.98	1014.02	1014.03	1014.02	1013.90
	21	1014.04	1014.09	1014.12	1014.12	1014.11	1014.08	1014.06	1014.04	1013.99	1013.91	1013.85	1013.80	1014.02
	22	1013.78	1013.74	1013.66	1013.57	1013.48	1013.38	1013.31	1013.27	1013.23	1013.23	1013.21	1013.22	1013.42
	23	1013.28	1013.27	1013.26	1013.26	1013.23	1013.18	1013.19	1013.21	1013.20	1013.19	1013.12	1013.06	1013.20

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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	1013.05	1013.02	1012.98	1012.95	1012.89	1012.85	1012.85	1012.87	1012.87	1012.87	1012.89	1012.86	1012.90
	1	1012.83	1012.81	1012.78	1012.79	1012.79	1012.77	1012.76	1012.75	1012.70	1012.61	1012.52	1012.46	1012.71
	2	1012.42	1012.41	1012.40	1012.39	1012.32	1012.24	1012.17	1012.11	1012.07	1012.02	1012.00	1011.97	1012.21
	3	1011.94	1011.95	1011.92	1011.91	1011.85	1011.82	1011.90	1011.87	1011.80	1011.77	1011.74	1011.69	1011.84
	4	1011.63	1011.60	1011.58	1011.54	1011.55	1011.53	1011.50	1011.53	1011.59	1011.63	1011.61	1011.66	1011.58
	5	1011.70	1011.67	1011.61	1011.56	1011.51	1011.50	1011.55	1011.59	1011.65	1011.75	1011.75	1011.67	1011.62
	6	1011.60	1011.61	1011.66	1011.70	1011.70	1011.71	1011.73	1011.78	1011.89	1012.05	1012.15	1012.15	1011.81
	7	1012.18	1012.19	1012.16	1012.17	1012.25	1012.30	1012.32	1012.39	1012.44	1012.46	1012.50	1012.56	1012.32
	8	1012.57	1012.56	1012.55	1012.55	1012.55	1012.53	1012.50	1012.44	1012.41	1012.41	1012.37	1012.32	1012.48
	9	1012.31	1012.29	1012.27	1012.23	1012.20	1012.17	1012.11	1012.06	1012.06	1012.07	1012.09	1012.15	1012.16
	10	1012.11	1012.07	1012.06	1011.98	1011.85	1011.73	1011.67	1011.61	1011.53	1011.50	1011.49	1011.39	1011.75
	11	1011.31	1011.31	1011.30	1011.19	1011.08	1011.01	1010.93	1010.89	1010.83	1010.81	1010.86	1010.85	1011.03
	12	1010.84	1010.82	1010.70	1010.59	1010.53	1010.49	1010.44	1010.38	1010.27	1010.23	1010.22	1010.21	1010.48
	13	1010.23	1010.20	1010.24	1010.25	1010.20	1010.16	1010.14	1010.04	1009.85	1009.77	1009.72	1009.68	1010.04
	14	1009.65	1009.63	1009.60	1009.54	1009.52	1009.46	1009.42	1009.40	1009.35	1009.29	1009.23	1009.21	1009.44
	15	1009.15	1009.06	1008.97	1008.87	1008.80	1008.76	1008.75	1008.77	1008.73	1008.69	1008.67	1008.62	1008.82
	16	1008.54	1008.46	1008.43	1008.42	1008.40	1008.39	1008.37	1008.38	1008.41	1008.40	1008.41	1008.45	1008.42
	17	1008.53	1008.57	1008.61	1008.75	1008.82	1008.87	1008.97	1009.05	1009.16	1009.26	1009.25	1009.25	1008.92
	18	1009.31	1009.30	1009.20	1009.12	1009.04	1008.95	1008.97	1009.05	1009.02	1008.95	1008.95	1008.95	1009.06
	19	1008.90	1008.89	1008.91	1008.89	1008.86	1008.77	1008.66	1008.64	1008.63	1008.64	1008.61	1008.59	1008.75
	20	1008.56	1008.49	1008.43	1008.35	1008.29	1008.28	1008.32	1008.38	1008.40	1008.38	1008.40	1008.44	1008.39
	21	1008.45	1008.38	1008.29	1008.19	1008.11	1008.04	1007.93	1007.81	1007.68	1007.59	1007.52	1007.50	1007.95
	22	1007.47	1007.39	1007.36	1007.27	1007.17	1007.17	1007.15	1007.07	1006.97	1006.93	1006.86	1006.79	1007.13
	23	1006.79	1006.80	1006.67	1006.44	1006.40	1006.47	1006.47	1006.44	1006.38	1006.34	1006.35	1006.29	1006.49
6	0	1006.45	1006.53	1006.99	1007.60	1007.89	1008.03	1008.09	1008.15	1008.20	1008.15	1008.20	1008.37	1007.77
	1	1008.53	1008.76	1008.84	1008.86	1008.88	1008.79	1008.79	1008.79	1008.93	1008.97	1008.75	1008.66	1008.79
	2	1008.95	1009.09	1008.94	1008.75	1008.63	1008.84	1009.13	1009.37	1009.45	1009.25	1009.00	1008.66	1009.00
	3	1008.45	1008.54	1008.64	1008.44	1008.40	1007.86	1006.94	1006.94	1007.48	1007.77	1007.72	1007.61	1007.90
	4	1007.61	1007.23	1006.34	1006.46	1006.99	1007.15	1007.37	1007.58	1007.72	1007.84	1008.09	1008.30	1007.39
	5	1008.47	1008.56	1008.61	1008.63	1008.49	1008.40	1008.41	1008.44	1008.47	1008.54	1008.65	1008.68	1008.53
	6	1008.69	1008.69	1008.72	1008.75	1008.76	1008.81	1008.89	1008.98	1008.99	1008.99	1009.04	1009.11	1008.87
	7	1009.20	1009.21	1009.17	1009.21	1009.20	1009.11	1009.11	1009.14	1009.17	1009.19	1009.13	1009.06	1009.16
	8	1008.96	1008.90	1008.98	1009.15	1009.31	1009.31	1009.14	1008.90	1008.71	1008.62	1008.62	1008.70	1008.94
	9	1008.73	1008.74	1008.89	1009.00	1009.01	1009.01	1009.10	1009.30	1009.54	1009.80	1009.85	1009.66	1009.22
	10	1009.51	1009.50	1009.62	1009.73	1009.79	1009.87	1009.82	1009.66	1009.56	1009.44	1009.31	1009.23	1009.58
	11	1009.16	1009.07	1009.02	1009.07	1009.22	1009.45	1009.65	1009.75	1009.74	1009.71	1009.76	1009.92	1009.46
	12	1010.18	1010.35	1010.27	1010.18	1010.04	1009.86	1009.87	1009.89	1009.80	1009.66	1009.56	1009.58	1009.93
	13	1009.58	1009.50	1009.53	1009.60	1009.60	1009.58	1009.47	1009.29	1009.17	1009.13	1009.13	1009.17	1009.39
	14	1009.20	1009.22	1009.35	1009.56	1009.67	1009.70	1009.74	1009.85	1009.93	1009.88	1009.88	1009.99	1009.66
	15	1010.08	1010.17	1010.25	1010.24	1010.28	1010.41	1010.51	1010.84	1011.59	1012.14	1012.38	1012.63	1010.96
	16	1012.81	1012.83	1012.79	1012.73	1012.62	1012.52	1012.33	1012.18	1012.21	1012.28	1012.26	1012.14	1012.47
	17	1012.02	1011.88	1011.79	1011.83	1011.94	1012.11	1012.28	1012.39	1012.32	1012.29	1012.31	1012.30	1012.12
	18	1012.35	1012.45	1012.63	1012.76	1012.74	1012.66	1012.58	1012.53	1012.48	1012.38	1012.29	1012.25	1012.50
	19	1012.18	1012.16	1012.16	1011.93	1011.67	1011.68	1011.75	1011.80	1011.93	1012.04	1012.08	1012.10	1011.96
	20	1012.14	1012.19	1012.23	1012.32	1012.38	1012.35	1012.37	1012.46	1012.54	1012.58	1012.61	1012.60	1012.40
	21	1012.57	1012.56	1012.53	1012.50	1012.60	1012.74	1012.74	1012.71	1012.75	1012.76	1012.76	1012.75	1012.66
	22	1012.74	1012.78	1012.83	1012.82	1012.86	1012.97	1013.09	1013.24	1013.37	1013.47	1013.55	1013.58	1013.11
	23	1013.58	1013.57	1013.51	1013.40	1013.31	1013.28	1013.26	1013.24	1013.22	1013.23	1013.25	1013.24	1013.34

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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	1013.21	1013.20	1013.19	1013.20	1013.22	1013.27	1013.32	1013.36	1013.41	1013.45	1013.50	1013.53	1013.32
	1	1013.58	1013.65	1013.73	1013.79	1013.85	1013.89	1013.93	1013.93	1013.91	1013.95	1013.98	1013.99	1013.85
	2	1014.03	1014.14	1014.21	1014.22	1014.28	1014.35	1014.37	1014.33	1014.34	1014.38	1014.40	1014.42	1014.29
	3	1014.39	1014.38	1014.44	1014.43	1014.33	1014.25	1014.26	1014.32	1014.35	1014.40	1014.50	1014.61	1014.39
	4	1014.63	1014.58	1014.54	1014.56	1014.56	1014.52	1014.62	1014.73	1014.71	1014.64	1014.60	1014.59	1014.60
	5	1014.60	1014.64	1014.68	1014.75	1014.81	1014.82	1014.79	1014.76	1014.72	1014.74	1014.82	1014.89	1014.75
	6	1014.92	1014.96	1015.04	1015.16	1015.27	1015.33	1015.41	1015.47	1015.46	1015.45	1015.46	1015.44	1015.28
	7	1015.49	1015.61	1015.68	1015.70	1015.74	1015.77	1015.81	1015.86	1015.89	1015.91	1015.92	1015.96	1015.78
	8	1016.04	1016.10	1016.14	1016.17	1016.19	1016.19	1016.17	1016.16	1016.19	1016.20	1016.23	1016.30	1016.17
	9	1016.33	1016.30	1016.31	1016.34	1016.37	1016.42	1016.50	1016.55	1016.58	1016.62	1016.65	1016.65	1016.47
	10	1016.69	1016.72	1016.71	1016.72	1016.73	1016.72	1016.63	1016.49	1016.36	1016.31	1016.25	1016.14	1016.54
	11	1016.08	1016.11	1016.16	1016.17	1016.17	1016.20	1016.17	1016.09	1016.12	1016.13	1016.12	1016.16	1016.14
	12	1016.22	1016.29	1016.29	1016.29	1016.36	1016.42	1016.46	1016.48	1016.49	1016.52	1016.56	1016.51	1016.41
	13	1016.41	1016.39	1016.36	1016.29	1016.27	1016.31	1016.33	1016.35	1016.34	1016.33	1016.34	1016.33	1016.34
	14	1016.33	1016.34	1016.29	1016.28	1016.29	1016.27	1016.26	1016.29	1016.34	1016.29	1016.25	1016.34	1016.30
	15	1016.48	1016.55	1016.56	1016.56	1016.60	1016.65	1016.66	1016.65	1016.64	1016.67	1016.68	1016.64	1016.61
	16	1016.61	1016.64	1016.64	1016.64	1016.70	1016.73	1016.75	1016.79	1016.92	1017.03	1017.10	1017.14	1016.81
	17	1017.17	1017.23	1017.22	1017.20	1017.23	1017.27	1017.30	1017.37	1017.46	1017.49	1017.50	1017.52	1017.33
	18	1017.52	1017.48	1017.46	1017.49	1017.52	1017.54	1017.55	1017.53	1017.52	1017.55	1017.57	1017.59	1017.53
	19	1017.63	1017.67	1017.72	1017.78	1017.86	1017.88	1017.89	1017.94	1017.98	1018.03	1018.10	1018.18	1017.89
	20	1018.19	1018.20	1018.26	1018.28	1018.29	1018.30	1018.31	1018.35	1018.42	1018.51	1018.48	1018.46	1018.33
	21	1018.51	1018.51	1018.52	1018.53	1018.52	1018.49	1018.46	1018.46	1018.48	1018.49	1018.47	1018.45	1018.49
	22	1018.45	1018.48	1018.52	1018.49	1018.43	1018.40	1018.40	1018.40	1018.41	1018.45	1018.52	1018.58	1018.46
	23	1018.59	1018.60	1018.58	1018.60	1018.61	1018.58	1018.56	1018.54	1018.50	1018.47	1018.47	1018.47	1018.55
8	0	1018.40	1018.37	1018.37	1018.37	1018.32	1018.29	1018.30	1018.38	1018.42	1018.43	1018.46	1018.48	1018.38
	1	1018.54	1018.58	1018.58	1018.57	1018.57	1018.59	1018.65	1018.68	1018.64	1018.60	1018.55	1018.53	1018.59
	2	1018.52	1018.52	1018.55	1018.57	1018.59	1018.57	1018.54	1018.55	1018.51	1018.46	1018.46	1018.44	1018.52
	3	1018.41	1018.40	1018.43	1018.45	1018.44	1018.47	1018.49	1018.49	1018.46	1018.39	1018.35	1018.35	1018.43
	4	1018.36	1018.38	1018.39	1018.37	1018.36	1018.39	1018.37	1018.36	1018.35	1018.27	1018.22	1018.19	1018.33
	5	1018.15	1018.12	1018.11	1018.09	1018.03	1017.99	1017.99	1018.02	1018.03	1018.02	1018.02	1018.00	1018.05
	6	1018.03	1018.10	1018.12	1018.16	1018.21	1018.23	1018.30	1018.42	1018.48	1018.53	1018.60	1018.66	1018.32
	7	1018.74	1018.79	1018.78	1018.76	1018.75	1018.79	1018.82	1018.82	1018.80	1018.81	1018.83	1018.81	1018.79
	8	1018.83	1018.91	1018.92	1018.93	1018.99	1019.02	1019.01	1019.00	1019.00	1019.00	1019.01	1019.03	1018.97
	9	1019.08	1019.14	1019.20	1019.19	1019.15	1019.21	1019.26	1019.30	1019.37	1019.33	1019.24	1019.19	1019.22
	10	1019.14	1019.09	1019.04	1018.99	1018.94	1018.90	1018.85	1018.83	1018.86	1018.80	1018.74	1018.68	1018.90
	11	1018.63	1018.65	1018.64	1018.58	1018.53	1018.53	1018.56	1018.58	1018.55	1018.48	1018.45	1018.47	1018.55
	12	1018.46	1018.44	1018.49	1018.58	1018.62	1018.64	1018.82	1018.84	1018.61	1018.51	1018.48	1018.47	1018.58
	13	1018.38	1018.26	1018.34	1018.42	1018.39	1018.39	1018.46	1018.42	1018.36	1018.58	1018.76	1018.75	1018.46
	14	1018.80	1018.89	1019.04	1019.14	1019.29	1019.54	1019.62	1019.63	1019.63	1019.61	1019.62	1019.70	1019.37
	15	1019.84	1019.98	1020.06	1020.07	1020.10	1020.17	1020.20	1020.16	1020.10	1020.07	1020.07	1020.10	1020.08
	16	1020.14	1020.07	1019.76	1019.37	1019.35	1019.52	1019.47	1019.44	1019.55	1019.55	1019.49	1019.37	1019.59
	17	1019.29	1019.32	1019.33	1019.35	1019.36	1019.32	1019.28	1019.33	1019.39	1019.40	1019.39	1019.41	1019.34
	18	1019.38	1019.27	1019.23	1019.20	1019.10	1019.04	1019.05	1019.08	1019.12	1019.16	1019.16	1019.17	1019.16
	19	1019.17	1019.23	1019.28	1019.31	1019.37	1019.40	1019.40	1019.40	1019.43	1019.46	1019.47	1019.53	1019.37
	20	1019.55	1019.54	1019.55	1019.55	1019.54	1019.55	1019.55	1019.52	1019.49	1019.47	1019.46	1019.49	1019.52
	21	1019.52	1019.50	1019.47	1019.47	1019.47	1019.47	1019.48	1019.48	1019.50	1019.49	1019.49	1019.51	1019.49
	22	1019.49	1019.47	1019.47	1019.44	1019.39	1019.36	1019.35	1019.33	1019.29	1019.27	1019.29	1019.28	1019.37
	23	1019.26	1019.28	1019.30	1019.28	1019.24	1019.24	1019.29	1019.31	1019.35	1019.41	1019.45	1019.45	1019.32

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	1019.42	1019.41	1019.40	1019.39	1019.36	1019.33	1019.32	1019.32	1019.32	1019.34	1019.36	1019.38	1019.36
	1	1019.41	1019.42	1019.41	1019.44	1019.47	1019.46	1019.46	1019.45	1019.43	1019.39	1019.39	1019.41	1019.43
	2	1019.38	1019.36	1019.35	1019.32	1019.31	1019.31	1019.33	1019.33	1019.34	1019.40	1019.40	1019.37	1019.35
	3	1019.36	1019.38	1019.40	1019.42	1019.45	1019.46	1019.47	1019.47	1019.47	1019.49	1019.48	1019.49	1019.44
	4	1019.53	1019.55	1019.54	1019.53	1019.50	1019.48	1019.47	1019.44	1019.42	1019.42	1019.41	1019.42	1019.47
	5	1019.45	1019.42	1019.37	1019.34	1019.33	1019.34	1019.33	1019.34	1019.37	1019.39	1019.39	1019.40	1019.37
	6	1019.46	1019.52	1019.56	1019.60	1019.60	1019.64	1019.68	1019.68	1019.67	1019.70	1019.77	1019.83	1019.64
	7	1019.87	1019.88	1019.89	1019.91	1019.94	1019.94	1019.94	1019.95	1019.94	1019.94	1019.92	1019.93	1019.92
	8	1019.98	1019.98	1019.96	1019.91	1019.87	1019.84	1019.82	1019.82	1019.82	1019.84	1019.90	1019.95	1019.89
	9	1019.95	1019.95	1019.99	1019.99	1019.95	1019.93	1019.94	1019.95	1019.91	1019.86	1019.84	1019.84	1019.92
	10	1019.79	1019.72	1019.68	1019.63	1019.58	1019.54	1019.50	1019.44	1019.39	1019.33	1019.26	1019.19	1019.50
	11	1019.14	1019.07	1018.99	1018.94	1018.91	1018.89	1018.85	1018.81	1018.77	1018.70	1018.64	1018.63	1018.86
	12	1018.63	1018.59	1018.54	1018.49	1018.42	1018.36	1018.32	1018.29	1018.27	1018.22	1018.16	1018.09	1018.36
	13	1018.02	1017.98	1017.93	1017.87	1017.85	1017.84	1017.83	1017.82	1017.82	1017.83	1017.82	1017.82	1017.87
	14	1017.82	1017.81	1017.79	1017.77	1017.76	1017.77	1017.77	1017.75	1017.73	1017.74	1017.75	1017.74	1017.77
	15	1017.75	1017.76	1017.75	1017.73	1017.69	1017.67	1017.68	1017.71	1017.76	1017.81	1017.84	1017.88	1017.75
	16	1017.88	1017.83	1017.81	1017.82	1017.82	1017.85	1017.87	1017.87	1017.90	1017.93	1017.95	1017.97	1017.87
	17	1017.99	1018.04	1018.08	1018.08	1018.07	1018.07	1018.07	1018.11	1018.12	1018.11	1018.12	1018.16	1018.08
	18	1018.20	1018.23	1018.23	1018.24	1018.26	1018.27	1018.24	1018.18	1018.14	1018.11	1018.11	1018.13	1018.19
	19	1018.14	1018.12	1018.11	1018.10	1018.12	1018.16	1018.22	1018.28	1018.31	1018.32	1018.34	1018.34	1018.21
	20	1018.36	1018.40	1018.43	1018.45	1018.43	1018.40	1018.41	1018.43	1018.45	1018.44	1018.43	1018.41	1018.42
	21	1018.39	1018.37	1018.34	1018.34	1018.33	1018.30	1018.28	1018.26	1018.23	1018.20	1018.20	1018.19	1018.28
	22	1018.13	1018.11	1018.14	1018.12	1018.05	1018.00	1017.98	1017.96	1017.92	1017.88	1017.84	1017.83	1017.99
	23	1017.85	1017.86	1017.83	1017.77	1017.72	1017.67	1017.61	1017.56	1017.52	1017.46	1017.43	1017.41	1017.64
10	0	1017.35	1017.34	1017.32	1017.32	1017.34	1017.37	1017.40	1017.41	1017.42	1017.44	1017.45	1017.49	1017.39
	1	1017.51	1017.48	1017.46	1017.39	1017.31	1017.29	1017.27	1017.21	1017.13	1017.06	1016.99	1016.91	1017.25
	2	1016.85	1016.83	1016.83	1016.86	1016.87	1016.87	1016.85	1016.80	1016.77	1016.77	1016.80	1016.83	1016.83
	3	1016.80	1016.76	1016.75	1016.75	1016.78	1016.83	1016.81	1016.76	1016.74	1016.76	1016.79	1016.81	1016.77
	4	1016.81	1016.79	1016.75	1016.70	1016.71	1016.75	1016.75	1016.72	1016.69	1016.68	1016.68	1016.64	1016.72
	5	1016.63	1016.66	1016.67	1016.66	1016.69	1016.72	1016.73	1016.75	1016.80	1016.87	1016.93	1016.97	1016.75
	6	1016.99	1017.03	1017.08	1017.12	1017.17	1017.20	1017.21	1017.24	1017.24	1017.24	1017.24	1017.23	1017.16
	7	1017.25	1017.27	1017.28	1017.31	1017.35	1017.38	1017.39	1017.37	1017.34	1017.34	1017.37	1017.36	1017.33
	8	1017.34	1017.37	1017.42	1017.47	1017.50	1017.51	1017.53	1017.50	1017.42	1017.39	1017.36	1017.29	1017.42
	9	1017.25	1017.27	1017.26	1017.25	1017.27	1017.30	1017.32	1017.29	1017.26	1017.25	1017.23	1017.24	1017.26
	10	1017.25	1017.22	1017.14	1017.05	1016.99	1016.94	1016.89	1016.83	1016.81	1016.79	1016.75	1016.69	1016.94
	11	1016.64	1016.59	1016.54	1016.49	1016.42	1016.35	1016.29	1016.23	1016.17	1016.10	1016.06	1015.99	1016.32
	12	1015.91	1015.85	1015.81	1015.78	1015.74	1015.69	1015.63	1015.58	1015.53	1015.49	1015.45	1015.42	1015.65
	13	1015.39	1015.34	1015.29	1015.26	1015.23	1015.22	1015.21	1015.18	1015.13	1015.10	1015.08	1015.07	1015.21
	14	1015.04	1015.01	1014.98	1014.95	1014.95	1014.93	1014.92	1014.92	1014.91	1014.90	1014.87	1014.84	1014.93
	15	1014.83	1014.83	1014.83	1014.85	1014.88	1014.90	1014.93	1014.97	1015.02	1015.04	1015.05	1015.08	1014.93
	16	1015.12	1015.16	1015.17	1015.17	1015.18	1015.19	1015.19	1015.18	1015.17	1015.18	1015.20	1015.22	1015.18
	17	1015.24	1015.26	1015.27	1015.30	1015.34	1015.39	1015.42	1015.45	1015.48	1015.48	1015.46	1015.46	1015.38
	18	1015.45	1015.45	1015.45	1015.44	1015.43	1015.42	1015.43	1015.44	1015.46	1015.48	1015.51	1015.52	1015.45
	19	1015.54	1015.56	1015.59	1015.64	1015.69	1015.70	1015.69	1015.71	1015.72	1015.71	1015.73	1015.77	1015.67
	20	1015.79	1015.81	1015.82	1015.83	1015.85	1015.90	1015.93	1015.95	1015.95	1015.93	1015.92	1015.95	1015.88
	21	1015.96	1015.97	1015.99	1016.01	1016.03	1016.07	1016.11	1016.14	1016.16	1016.19	1016.21	1016.23	1016.09
	22	1016.23	1016.22	1016.22	1016.22	1016.22	1016.23	1016.23	1016.22	1016.23	1016.22	1016.23	1016.25	1016.22
	23	1016.25	1016.27	1016.28	1016.26	1016.26	1016.28	1016.28	1016.27	1016.24	1016.21	1016.18	1016.17	1016.24

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
11	0	1016.20	1016.22	1016.23	1016.25	1016.28	1016.30	1016.36	1016.40	1016.41	1016.39	1016.36	1016.36	1016.32
	1	1016.38	1016.39	1016.40	1016.42	1016.44	1016.43	1016.41	1016.39	1016.37	1016.37	1016.37	1016.38	1016.39
	2	1016.37	1016.34	1016.33	1016.31	1016.28	1016.29	1016.31	1016.32	1016.33	1016.35	1016.37	1016.38	1016.33
	3	1016.36	1016.36	1016.34	1016.34	1016.36	1016.37	1016.37	1016.37	1016.35	1016.34	1016.37	1016.40	1016.36
	4	1016.41	1016.42	1016.42	1016.44	1016.48	1016.51	1016.49	1016.49	1016.51	1016.55	1016.58	1016.61	1016.49
	5	1016.65	1016.66	1016.69	1016.74	1016.76	1016.78	1016.81	1016.86	1016.89	1016.90	1016.93	1016.99	1016.80
	6	1017.08	1017.14	1017.18	1017.22	1017.26	1017.31	1017.37	1017.45	1017.50	1017.55	1017.62	1017.69	1017.36
	7	1017.72	1017.76	1017.82	1017.87	1017.92	1017.99	1018.04	1018.07	1018.10	1018.13	1018.15	1018.17	1017.98
	8	1018.21	1018.26	1018.30	1018.37	1018.44	1018.51	1018.55	1018.58	1018.59	1018.62	1018.67	1018.70	1018.48
	9	1018.72	1018.76	1018.77	1018.77	1018.80	1018.84	1018.87	1018.91	1018.94	1018.93	1018.92	1018.89	1018.84
	10	1018.85	1018.85	1018.89	1018.90	1018.90	1018.87	1018.84	1018.84	1018.83	1018.81	1018.79	1018.77	1018.84
	11	1018.76	1018.74	1018.71	1018.66	1018.62	1018.58	1018.56	1018.57	1018.58	1018.56	1018.53	1018.49	1018.61
	12	1018.48	1018.49	1018.46	1018.42	1018.41	1018.43	1018.44	1018.42	1018.38	1018.38	1018.39	1018.39	1018.42
	13	1018.40	1018.41	1018.40	1018.41	1018.41	1018.42	1018.46	1018.49	1018.51	1018.57	1018.64	1018.71	1018.48
	14	1018.78	1018.84	1018.86	1018.86	1018.87	1018.89	1018.91	1018.94	1018.97	1018.99	1018.99	1019.03	1018.91
	15	1019.09	1019.13	1019.16	1019.19	1019.25	1019.32	1019.35	1019.37	1019.40	1019.43	1019.48	1019.54	1019.31
	16	1019.59	1019.64	1019.71	1019.76	1019.81	1019.88	1019.94	1019.99	1020.05	1020.12	1020.17	1020.21	1019.90
	17	1020.25	1020.27	1020.31	1020.35	1020.38	1020.42	1020.49	1020.55	1020.58	1020.62	1020.65	1020.68	1020.46
	18	1020.70	1020.71	1020.71	1020.74	1020.79	1020.83	1020.87	1020.93	1021.00	1021.05	1021.08	1021.14	1020.88
	19	1021.20	1021.25	1021.30	1021.35	1021.42	1021.48	1021.52	1021.58	1021.64	1021.71	1021.75	1021.79	1021.50
	20	1021.83	1021.89	1021.98	1022.05	1022.13	1022.19	1022.24	1022.29	1022.33	1022.36	1022.40	1022.47	1022.18
	21	1022.52	1022.56	1022.59	1022.58	1022.59	1022.63	1022.66	1022.69	1022.72	1022.77	1022.82	1022.86	1022.66
	22	1022.91	1022.93	1022.96	1022.98	1022.99	1023.02	1023.08	1023.16	1023.23	1023.27	1023.30	1023.30	1023.09
	23	1023.29	1023.32	1023.35	1023.36	1023.36	1023.36	1023.38	1023.43	1023.43	1023.43	1023.45	1023.46	1023.38
12	0	1023.48	1023.49	1023.49	1023.49	1023.52	1023.55	1023.56	1023.58	1023.61	1023.64	1023.70	1023.77	1023.58
	1	1023.81	1023.82	1023.83	1023.87	1023.90	1023.91	1023.91	1023.91	1023.89	1023.85	1023.80	1023.76	1023.85
	2	1023.75	1023.75	1023.74	1023.69	1023.64	1023.60	1023.61	1023.68	1023.74	1023.74	1023.75	1023.77	1023.70
	3	1023.78	1023.79	1023.81	1023.82	1023.81	1023.81	1023.82	1023.85	1023.88	1023.90	1023.92	1023.92	1023.84
	4	1023.92	1023.93	1023.92	1023.91	1023.90	1023.89	1023.91	1023.94	1023.90	1023.88	1023.89	1023.89	1023.91
	5	1023.92	1023.96	1024.00	1024.03	1024.07	1024.16	1024.23	1024.25	1024.29	1024.32	1024.35	1024.37	1024.16
	6	1024.39	1024.40	1024.41	1024.45	1024.49	1024.55	1024.61	1024.66	1024.71	1024.74	1024.78	1024.83	1024.58
	7	1024.89	1024.93	1024.96	1024.99	1025.02	1025.06	1025.11	1025.16	1025.17	1025.18	1025.21	1025.23	1025.07
	8	1025.24	1025.27	1025.30	1025.31	1025.31	1025.31	1025.31	1025.29	1025.26	1025.27	1025.31	1025.35	1025.29
	9	1025.37	1025.36	1025.37	1025.39	1025.40	1025.39	1025.35	1025.32	1025.31	1025.30	1025.28	1025.25	1025.34
	10	1025.22	1025.16	1025.09	1024.99	1024.89	1024.84	1024.84	1024.84	1024.82	1024.80	1024.79	1024.77	1024.92
	11	1024.73	1024.71	1024.67	1024.63	1024.58	1024.53	1024.48	1024.45	1024.45	1024.45	1024.42	1024.39	1024.54
	12	1024.34	1024.30	1024.26	1024.22	1024.18	1024.13	1024.06	1024.02	1023.98	1023.94	1023.91	1023.86	1024.10
	13	1023.81	1023.78	1023.76	1023.74	1023.73	1023.75	1023.75	1023.75	1023.77	1023.80	1023.81	1023.85	1023.77
	14	1023.88	1023.90	1023.93	1023.96	1023.97	1023.99	1024.02	1024.05	1024.08	1024.10	1024.13	1024.16	1024.01
	15	1024.18	1024.19	1024.21	1024.25	1024.27	1024.31	1024.35	1024.37	1024.39	1024.42	1024.44	1024.45	1024.32
	16	1024.45	1024.47	1024.52	1024.55	1024.57	1024.60	1024.61	1024.60	1024.61	1024.63	1024.67	1024.71	1024.58
	17	1024.77	1024.84	1024.87	1024.89	1024.90	1024.91	1024.93	1024.95	1025.01	1025.10	1025.18	1025.21	1024.96
	18	1025.21	1025.22	1025.27	1025.31	1025.30	1025.30	1025.35	1025.41	1025.45	1025.49	1025.55	1025.60	1025.37
	19	1025.60	1025.62	1025.67	1025.70	1025.71	1025.72	1025.72	1025.71	1025.72	1025.73	1025.74	1025.73	1025.69
	20	1025.73	1025.76	1025.78	1025.79	1025.83	1025.90	1025.96	1025.98	1025.98	1025.98	1025.98	1026.00	1025.89
	21	1026.02	1025.99	1025.98	1026.02	1026.07	1026.08	1026.09	1026.15	1026.21	1026.22	1026.22	1026.27	1026.11
	22	1026.32	1026.34	1026.34	1026.37	1026.39	1026.39	1026.43	1026.48	1026.51	1026.51	1026.52	1026.56	1026.43
	23	1026.58	1026.55	1026.50	1026.49	1026.50	1026.48	1026.46	1026.46	1026.45	1026.43	1026.43	1026.46	1026.48

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
13	0	1026.48	1026.48	1026.49	1026.54	1026.58	1026.60	1026.61	1026.63	1026.64	1026.63	1026.62	1026.60	1026.58
	1	1026.58	1026.58	1026.60	1026.65	1026.71	1026.74	1026.74	1026.73	1026.74	1026.76	1026.75	1026.71	1026.69
	2	1026.68	1026.69	1026.72	1026.73	1026.70	1026.68	1026.69	1026.72	1026.75	1026.74	1026.77	1026.82	1026.72
	3	1026.80	1026.81	1026.82	1026.79	1026.78	1026.77	1026.77	1026.77	1026.79	1026.82	1026.85	1026.86	1026.80
	4	1026.84	1026.84	1026.87	1026.89	1026.93	1026.98	1027.01	1027.02	1027.07	1027.11	1027.10	1027.09	1026.98
	5	1027.12	1027.16	1027.18	1027.22	1027.26	1027.30	1027.32	1027.35	1027.42	1027.48	1027.51	1027.57	1027.32
	6	1027.66	1027.73	1027.75	1027.76	1027.78	1027.79	1027.82	1027.89	1027.98	1028.04	1028.06	1028.11	1027.86
	7	1028.16	1028.19	1028.23	1028.26	1028.25	1028.25	1028.27	1028.34	1028.41	1028.42	1028.40	1028.39	1028.29
	8	1028.40	1028.42	1028.43	1028.43	1028.43	1028.46	1028.50	1028.52	1028.56	1028.59	1028.61	1028.64	1028.50
	9	1028.64	1028.62	1028.62	1028.62	1028.61	1028.62	1028.60	1028.56	1028.56	1028.56	1028.52	1028.46	1028.58
	10	1028.43	1028.41	1028.34	1028.27	1028.24	1028.20	1028.12	1028.07	1028.00	1027.93	1027.87	1027.78	1028.14
	11	1027.70	1027.68	1027.63	1027.57	1027.52	1027.46	1027.42	1027.37	1027.29	1027.21	1027.16	1027.09	1027.42
	12	1027.04	1027.00	1026.95	1026.90	1026.88	1026.85	1026.83	1026.83	1026.81	1026.77	1026.72	1026.68	1026.85
	13	1026.68	1026.68	1026.66	1026.63	1026.56	1026.51	1026.49	1026.48	1026.48	1026.46	1026.45	1026.43	1026.54
	14	1026.41	1026.39	1026.37	1026.34	1026.32	1026.31	1026.26	1026.23	1026.24	1026.21	1026.16	1026.15	1026.28
	15	1026.13	1026.11	1026.10	1026.11	1026.13	1026.11	1026.10	1026.11	1026.15	1026.19	1026.20	1026.20	1026.13
	16	1026.22	1026.27	1026.31	1026.32	1026.32	1026.36	1026.36	1026.32	1026.31	1026.33	1026.33	1026.33	1026.31
	17	1026.35	1026.39	1026.41	1026.41	1026.39	1026.40	1026.44	1026.45	1026.45	1026.48	1026.51	1026.54	1026.43
	18	1026.58	1026.62	1026.62	1026.60	1026.63	1026.64	1026.61	1026.59	1026.58	1026.55	1026.55	1026.57	1026.59
	19	1026.57	1026.57	1026.54	1026.56	1026.60	1026.61	1026.62	1026.66	1026.69	1026.69	1026.71	1026.72	1026.63
	20	1026.70	1026.72	1026.77	1026.81	1026.87	1026.89	1026.89	1026.92	1026.97	1026.99	1026.99	1026.98	1026.87
	21	1026.99	1026.99	1026.98	1026.99	1027.00	1026.97	1026.92	1026.88	1026.84	1026.84	1026.89	1026.93	1026.93
	22	1026.95	1026.97	1026.97	1026.96	1026.97	1026.98	1026.97	1026.92	1026.85	1026.81	1026.79	1026.75	1026.90
	23	1026.70	1026.64	1026.60	1026.56	1026.52	1026.46	1026.42	1026.40	1026.37	1026.32	1026.24	1026.22	1026.45
14	0	1026.19	1026.16	1026.11	1026.07	1026.03	1026.00	1025.95	1025.94	1025.93	1025.90	1025.90	1025.91	1026.00
	1	1025.89	1025.86	1025.83	1025.83	1025.81	1025.77	1025.76	1025.74	1025.69	1025.64	1025.60	1025.60	1025.75
	2	1025.60	1025.52	1025.46	1025.41	1025.35	1025.27	1025.20	1025.16	1025.14	1025.12	1025.09	1025.08	1025.28
	3	1025.10	1025.11	1025.11	1025.10	1025.09	1025.10	1025.14	1025.17	1025.13	1025.06	1025.01	1024.95	1025.09
	4	1024.89	1024.84	1024.79	1024.76	1024.71	1024.64	1024.59	1024.58	1024.61	1024.58	1024.53	1024.50	1024.67
	5	1024.46	1024.43	1024.43	1024.42	1024.39	1024.36	1024.31	1024.29	1024.30	1024.31	1024.34	1024.37	1024.37
	6	1024.41	1024.44	1024.48	1024.51	1024.50	1024.49	1024.47	1024.48	1024.54	1024.62	1024.70	1024.74	1024.53
	7	1024.75	1024.79	1024.82	1024.85	1024.89	1024.91	1024.95	1024.99	1025.00	1025.03	1025.04	1025.03	1024.92
	8	1025.01	1024.98	1024.95	1024.92	1024.91	1024.88	1024.85	1024.82	1024.80	1024.77	1024.72	1024.65	1024.85
	9	1024.63	1024.67	1024.71	1024.73	1024.72	1024.71	1024.67	1024.66	1024.65	1024.62	1024.58	1024.50	1024.65
	10	1024.40	1024.34	1024.28	1024.23	1024.20	1024.14	1024.07	1023.99	1023.89	1023.78	1023.69	1023.59	1024.05
	11	1023.54	1023.52	1023.48	1023.44	1023.40	1023.34	1023.24	1023.13	1023.04	1022.96	1022.86	1022.77	1023.22
	12	1022.69	1022.61	1022.54	1022.47	1022.41	1022.35	1022.25	1022.16	1022.10	1022.04	1021.96	1021.89	1022.29
	13	1021.84	1021.79	1021.73	1021.67	1021.61	1021.55	1021.50	1021.46	1021.45	1021.41	1021.38	1021.35	1021.56
	14	1021.32	1021.31	1021.27	1021.21	1021.15	1021.10	1021.07	1021.06	1021.07	1021.07	1021.04	1021.00	1021.14
	15	1020.94	1020.91	1020.87	1020.83	1020.79	1020.77	1020.78	1020.76	1020.72	1020.72	1020.73	1020.74	1020.79
	16	1020.76	1020.77	1020.79	1020.82	1020.85	1020.89	1020.92	1020.91	1020.90	1020.91	1020.93	1020.95	1020.86
	17	1020.94	1020.91	1020.89	1020.89	1020.89	1020.88	1020.92	1020.95	1020.95	1020.95	1020.94	1020.94	1020.92
	18	1020.92	1020.93	1020.94	1020.93	1020.92	1020.88	1020.81	1020.78	1020.79	1020.79	1020.81	1020.80	1020.86
	19	1020.78	1020.80	1020.82	1020.84	1020.86	1020.87	1020.85	1020.87	1020.90	1020.92	1020.93	1020.91	1020.86
	20	1020.89	1020.88	1020.91	1020.92	1020.90	1020.86	1020.84	1020.86	1020.92	1020.96	1020.92	1020.86	1020.89
	21	1020.85	1020.84	1020.77	1020.72	1020.74	1020.76	1020.75	1020.78	1020.82	1020.81	1020.78	1020.75	1020.78
	22	1020.74	1020.77	1020.75	1020.69	1020.67	1020.64	1020.57	1020.53	1020.52	1020.50	1020.48	1020.45	1020.61
	23	1020.42	1020.40	1020.37	1020.33	1020.28	1020.23	1020.25	1020.29	1020.31	1020.28	1020.25	1020.20	1020.30

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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	1020.15	1020.13	1020.07	1020.04	1020.03	1020.02	1020.04	1020.03	1020.01	1019.96	1019.89	1019.85	1020.01
	1	1019.85	1019.83	1019.79	1019.79	1019.80	1019.77	1019.73	1019.70	1019.65	1019.62	1019.60	1019.52	1019.72
	2	1019.44	1019.40	1019.38	1019.34	1019.29	1019.25	1019.18	1019.16	1019.17	1019.18	1019.13	1019.11	1019.25
	3	1019.09	1019.03	1019.00	1018.99	1019.02	1018.99	1018.96	1018.97	1018.97	1018.96	1018.93	1018.88	1018.98
	4	1018.85	1018.85	1018.81	1018.77	1018.76	1018.73	1018.65	1018.58	1018.55	1018.54	1018.53	1018.50	1018.67
	5	1018.47	1018.46	1018.44	1018.41	1018.39	1018.39	1018.43	1018.45	1018.45	1018.46	1018.47	1018.49	1018.44
	6	1018.50	1018.56	1018.63	1018.69	1018.71	1018.74	1018.79	1018.81	1018.82	1018.83	1018.86	1018.92	1018.74
	7	1018.99	1019.04	1019.08	1019.10	1019.10	1019.06	1019.05	1019.12	1019.19	1019.22	1019.22	1019.22	1019.11
	8	1019.25	1019.26	1019.26	1019.26	1019.23	1019.20	1019.18	1019.17	1019.14	1019.13	1019.13	1019.11	1019.19
	9	1019.07	1019.04	1019.01	1019.00	1018.99	1018.98	1018.95	1018.91	1018.88	1018.84	1018.74	1018.62	1018.92
	10	1018.52	1018.43	1018.35	1018.26	1018.19	1018.14	1018.11	1018.07	1018.02	1017.96	1017.91	1017.84	1018.15
	11	1017.77	1017.72	1017.65	1017.58	1017.49	1017.41	1017.36	1017.35	1017.34	1017.29	1017.22	1017.17	1017.44
	12	1017.12	1017.04	1016.95	1016.90	1016.85	1016.76	1016.70	1016.65	1016.58	1016.52	1016.46	1016.40	1016.74
	13	1016.34	1016.31	1016.29	1016.26	1016.23	1016.20	1016.15	1016.10	1016.07	1016.04	1016.04	1016.05	1016.17
	14	1016.05	1016.05	1016.03	1016.02	1016.03	1016.04	1016.03	1016.03	1016.01	1015.96	1015.92	1015.89	1016.00
	15	1015.88	1015.84	1015.79	1015.78	1015.79	1015.79	1015.80	1015.84	1015.86	1015.86	1015.89	1015.92	1015.83
	16	1015.98	1016.01	1016.05	1016.07	1016.07	1016.10	1016.12	1016.14	1016.16	1016.19	1016.21	1016.24	1016.11
	17	1016.28	1016.31	1016.34	1016.36	1016.37	1016.38	1016.38	1016.40	1016.46	1016.49	1016.51	1016.53	1016.40
	18	1016.53	1016.53	1016.58	1016.61	1016.63	1016.65	1016.67	1016.69	1016.68	1016.69	1016.71	1016.75	1016.64
	19	1016.78	1016.78	1016.81	1016.87	1016.94	1016.97	1016.98	1016.98	1016.97	1016.98	1017.00	1017.04	1016.92
	20	1017.07	1017.08	1017.08	1017.08	1017.12	1017.16	1017.18	1017.18	1017.20	1017.22	1017.25	1017.29	1017.16
	21	1017.32	1017.33	1017.31	1017.30	1017.31	1017.32	1017.35	1017.38	1017.40	1017.40	1017.40	1017.45	1017.35
	22	1017.52	1017.54	1017.54	1017.55	1017.59	1017.64	1017.66	1017.66	1017.65	1017.65	1017.66	1017.69	1017.61
	23	1017.70	1017.70	1017.70	1017.66	1017.60	1017.58	1017.57	1017.53	1017.50	1017.48	1017.43	1017.38	1017.57
16	0	1017.36	1017.34	1017.33	1017.35	1017.36	1017.36	1017.35	1017.34	1017.34	1017.35	1017.35	1017.35	1017.35
	1	1017.35	1017.32	1017.27	1017.25	1017.24	1017.26	1017.29	1017.26	1017.22	1017.19	1017.16	1017.12	1017.24
	2	1017.08	1017.04	1017.02	1017.04	1017.04	1017.01	1017.02	1017.05	1017.06	1017.06	1017.06	1017.05	1017.04
	3	1017.04	1017.03	1017.05	1017.05	1017.03	1017.02	1017.04	1017.07	1017.09	1017.10	1017.11	1017.09	1017.06
	4	1017.09	1017.09	1017.09	1017.08	1017.07	1017.09	1017.09	1017.07	1017.07	1017.09	1017.11	1017.14	1017.09
	5	1017.19	1017.24	1017.27	1017.28	1017.32	1017.36	1017.37	1017.42	1017.45	1017.48	1017.51	1017.55	1017.37
	6	1017.59	1017.61	1017.63	1017.66	1017.69	1017.74	1017.80	1017.86	1017.90	1017.94	1017.99	1018.05	1017.79
	7	1018.07	1018.08	1018.10	1018.12	1018.14	1018.16	1018.19	1018.24	1018.28	1018.30	1018.32	1018.35	1018.19
	8	1018.38	1018.38	1018.39	1018.40	1018.41	1018.42	1018.42	1018.43	1018.44	1018.45	1018.47	1018.49	1018.42
	9	1018.50	1018.51	1018.49	1018.47	1018.50	1018.54	1018.56	1018.58	1018.60	1018.57	1018.50	1018.42	1018.52
	10	1018.36	1018.31	1018.30	1018.27	1018.20	1018.14	1018.12	1018.09	1018.05	1018.00	1017.95	1017.90	1018.14
	11	1017.86	1017.82	1017.80	1017.80	1017.78	1017.74	1017.71	1017.69	1017.68	1017.67	1017.65	1017.66	1017.73
	12	1017.67	1017.66	1017.67	1017.70	1017.71	1017.69	1017.67	1017.65	1017.62	1017.60	1017.55	1017.48	1017.64
	13	1017.43	1017.40	1017.39	1017.38	1017.40	1017.41	1017.41	1017.40	1017.39	1017.39	1017.40	1017.42	1017.40
	14	1017.43	1017.44	1017.46	1017.50	1017.54	1017.59	1017.62	1017.64	1017.64	1017.64	1017.65	1017.66	1017.56
	15	1017.67	1017.69	1017.71	1017.74	1017.76	1017.81	1017.85	1017.88	1017.90	1017.93	1017.98	1018.05	1017.83
	16	1018.13	1018.17	1018.21	1018.26	1018.30	1018.34	1018.38	1018.43	1018.46	1018.47	1018.47	1018.50	1018.34
	17	1018.53	1018.57	1018.61	1018.64	1018.65	1018.66	1018.68	1018.70	1018.73	1018.78	1018.81	1018.84	1018.68
	18	1018.88	1018.92	1018.94	1018.97	1018.99	1018.99	1019.00	1019.03	1019.04	1019.03	1019.04	1019.06	1018.99
	19	1019.11	1019.18	1019.22	1019.23	1019.27	1019.31	1019.35	1019.37	1019.39	1019.42	1019.45	1019.50	1019.31
	20	1019.56	1019.62	1019.67	1019.71	1019.74	1019.77	1019.81	1019.83	1019.83	1019.85	1019.88	1019.90	1019.76
	21	1019.88	1019.84	1019.81	1019.80	1019.82	1019.87	1019.90	1019.90	1019.89	1019.87	1019.88	1019.91	1019.86
	22	1019.92	1019.93	1019.93	1019.96	1020.01	1020.06	1020.10	1020.13	1020.17	1020.19	1020.19	1020.21	1020.06
	23	1020.21	1020.20	1020.21	1020.25	1020.29	1020.30	1020.29	1020.28	1020.28	1020.27	1020.26	1020.28	1020.26

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
17	0	1020.32	1020.31	1020.31	1020.32	1020.32	1020.34	1020.37	1020.40	1020.41	1020.43	1020.45	1020.46	1020.37
	1	1020.47	1020.47	1020.49	1020.55	1020.58	1020.59	1020.58	1020.57	1020.58	1020.57	1020.58	1020.56	1020.55
	2	1020.53	1020.51	1020.49	1020.50	1020.51	1020.48	1020.45	1020.43	1020.44	1020.46	1020.48	1020.49	1020.48
	3	1020.47	1020.46	1020.46	1020.43	1020.43	1020.45	1020.46	1020.51	1020.56	1020.58	1020.60	1020.62	1020.50
	4	1020.61	1020.61	1020.63	1020.64	1020.65	1020.66	1020.71	1020.79	1020.83	1020.84	1020.84	1020.86	1020.72
	5	1020.91	1020.99	1021.04	1021.06	1021.09	1021.15	1021.19	1021.20	1021.22	1021.25	1021.27	1021.27	1021.14
	6	1021.27	1021.30	1021.36	1021.41	1021.45	1021.52	1021.57	1021.58	1021.59	1021.62	1021.66	1021.70	1021.50
	7	1021.75	1021.79	1021.82	1021.84	1021.84	1021.85	1021.87	1021.92	1021.97	1021.97	1021.95	1021.93	1021.87
	8	1021.96	1022.02	1022.04	1022.04	1022.07	1022.09	1022.10	1022.14	1022.17	1022.20	1022.22	1022.26	1022.11
	9	1022.29	1022.30	1022.29	1022.29	1022.26	1022.23	1022.23	1022.23	1022.22	1022.21	1022.19	1022.18	1022.24
	10	1022.17	1022.14	1022.11	1022.07	1022.06	1022.03	1021.99	1021.98	1021.99	1021.99	1021.97	1021.95	1022.04
	11	1021.98	1022.00	1021.97	1021.93	1021.89	1021.85	1021.85	1021.84	1021.81	1021.78	1021.74	1021.69	1021.86
	12	1021.65	1021.62	1021.62	1021.62	1021.59	1021.52	1021.45	1021.41	1021.42	1021.46	1021.48	1021.47	1021.53
	13	1021.43	1021.41	1021.41	1021.39	1021.40	1021.42	1021.42	1021.40	1021.37	1021.36	1021.36	1021.38	1021.39
	14	1021.39	1021.40	1021.40	1021.41	1021.43	1021.45	1021.48	1021.51	1021.54	1021.57	1021.58	1021.58	1021.48
	15	1021.57	1021.57	1021.59	1021.62	1021.63	1021.65	1021.68	1021.71	1021.73	1021.75	1021.79	1021.83	1021.67
	16	1021.88	1021.93	1021.97	1022.01	1022.03	1022.05	1022.10	1022.16	1022.19	1022.22	1022.25	1022.27	1022.08
	17	1022.31	1022.35	1022.38	1022.41	1022.43	1022.44	1022.43	1022.44	1022.45	1022.48	1022.51	1022.54	1022.43
	18	1022.56	1022.56	1022.55	1022.57	1022.59	1022.62	1022.64	1022.65	1022.68	1022.75	1022.81	1022.83	1022.65
	19	1022.83	1022.86	1022.90	1022.93	1022.95	1022.99	1023.02	1023.03	1023.05	1023.08	1023.11	1023.15	1022.99
	20	1023.19	1023.21	1023.24	1023.29	1023.34	1023.36	1023.36	1023.36	1023.36	1023.39	1023.43	1023.46	1023.33
	21	1023.51	1023.57	1023.62	1023.64	1023.64	1023.63	1023.62	1023.64	1023.65	1023.65	1023.65	1023.61	1023.62
	22	1023.58	1023.59	1023.60	1023.60	1023.62	1023.63	1023.63	1023.62	1023.61	1023.61	1023.60	1023.60	1023.60
	23	1023.62	1023.64	1023.65	1023.64	1023.64	1023.63	1023.63	1023.63	1023.62	1023.62	1023.59	1023.57	1023.62
18	0	1023.55	1023.52	1023.49	1023.50	1023.50	1023.49	1023.50	1023.52	1023.55	1023.60	1023.64	1023.66	1023.54
	1	1023.67	1023.69	1023.71	1023.71	1023.71	1023.68	1023.64	1023.61	1023.58	1023.55	1023.52	1023.48	1023.63
	2	1023.43	1023.39	1023.38	1023.37	1023.36	1023.35	1023.36	1023.36	1023.35	1023.34	1023.34	1023.34	1023.36
	3	1023.34	1023.37	1023.39	1023.41	1023.42	1023.43	1023.44	1023.42	1023.39	1023.41	1023.43	1023.43	1023.40
	4	1023.43	1023.43	1023.42	1023.43	1023.44	1023.45	1023.49	1023.51	1023.52	1023.53	1023.56	1023.60	1023.48
	5	1023.63	1023.64	1023.62	1023.60	1023.62	1023.64	1023.65	1023.65	1023.64	1023.63	1023.63	1023.66	1023.63
	6	1023.70	1023.75	1023.80	1023.84	1023.88	1023.92	1023.97	1024.04	1024.11	1024.16	1024.20	1024.23	1023.97
	7	1024.27	1024.34	1024.39	1024.44	1024.50	1024.54	1024.55	1024.55	1024.54	1024.52	1024.52	1024.52	1024.47
	8	1024.52	1024.52	1024.50	1024.49	1024.51	1024.53	1024.53	1024.53	1024.55	1024.57	1024.59	1024.63	1024.54
	9	1024.66	1024.72	1024.76	1024.76	1024.76	1024.78	1024.74	1024.68	1024.65	1024.62	1024.57	1024.55	1024.69
	10	1024.54	1024.50	1024.43	1024.39	1024.37	1024.32	1024.28	1024.24	1024.18	1024.10	1024.02	1023.95	1024.27
	11	1023.90	1023.87	1023.86	1023.85	1023.82	1023.79	1023.74	1023.67	1023.61	1023.55	1023.50	1023.47	1023.72
	12	1023.44	1023.40	1023.36	1023.34	1023.31	1023.26	1023.21	1023.16	1023.11	1023.09	1023.08	1023.08	1023.23
	13	1023.05	1023.00	1022.96	1022.97	1022.96	1022.92	1022.89	1022.85	1022.82	1022.82	1022.83	1022.82	1022.91
	14	1022.80	1022.78	1022.77	1022.75	1022.75	1022.75	1022.72	1022.69	1022.68	1022.65	1022.59	1022.53	1022.70
	15	1022.49	1022.46	1022.44	1022.38	1022.30	1022.28	1022.28	1022.26	1022.26	1022.26	1022.25	1022.23	1022.32
	16	1022.21	1022.20	1022.21	1022.23	1022.24	1022.24	1022.24	1022.25	1022.29	1022.33	1022.36	1022.38	1022.26
	17	1022.40	1022.44	1022.45	1022.45	1022.48	1022.53	1022.57	1022.58	1022.60	1022.61	1022.63	1022.65	1022.53
	18	1022.66	1022.69	1022.71	1022.73	1022.74	1022.73	1022.74	1022.78	1022.85	1022.91	1022.94	1022.94	1022.78
	19	1022.95	1022.98	1023.00	1023.00	1023.02	1023.06	1023.09	1023.12	1023.16	1023.22	1023.29	1023.34	1023.10
	20	1023.36	1023.38	1023.44	1023.48	1023.49	1023.48	1023.46	1023.47	1023.46	1023.45	1023.43	1023.43	1023.44
	21	1023.45	1023.47	1023.50	1023.48	1023.46	1023.45	1023.45	1023.47	1023.49	1023.50	1023.52	1023.57	1023.48
	22	1023.58	1023.56	1023.58	1023.58	1023.55	1023.55	1023.57	1023.57	1023.58	1023.59	1023.61	1023.62	1023.58
	23	1023.61	1023.60	1023.54	1023.48	1023.45	1023.45	1023.44	1023.42	1023.43	1023.43	1023.39	1023.35	1023.46

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
19	0	1023.24	1023.21	1023.19	1023.21	1023.23	1023.24	1023.26	1023.25	1023.23	1023.21	1023.16	1023.12	1023.21
	1	1023.11	1023.08	1023.05	1023.02	1022.97	1022.90	1022.87	1022.85	1022.81	1022.74	1022.68	1022.65	1022.89
	2	1022.61	1022.58	1022.56	1022.51	1022.46	1022.43	1022.41	1022.38	1022.38	1022.40	1022.43	1022.45	1022.46
	3	1022.44	1022.43	1022.43	1022.43	1022.45	1022.48	1022.49	1022.49	1022.49	1022.53	1022.57	1022.60	1022.48
	4	1022.59	1022.60	1022.64	1022.68	1022.70	1022.70	1022.72	1022.76	1022.80	1022.80	1022.81	1022.85	1022.72
	5	1022.86	1022.85	1022.85	1022.86	1022.85	1022.88	1022.92	1022.92	1022.89	1022.88	1022.88	1022.88	1022.88
	6	1022.90	1022.93	1022.94	1022.93	1022.93	1022.93	1022.98	1023.00	1023.00	1023.01	1023.05	1023.12	1022.97
	7	1023.16	1023.20	1023.24	1023.26	1023.28	1023.30	1023.30	1023.29	1023.31	1023.34	1023.36	1023.39	1023.28
	8	1023.42	1023.43	1023.42	1023.42	1023.46	1023.49	1023.50	1023.49	1023.52	1023.57	1023.58	1023.59	1023.49
	9	1023.58	1023.55	1023.51	1023.50	1023.47	1023.43	1023.43	1023.42	1023.38	1023.34	1023.32	1023.29	1023.43
	10	1023.23	1023.19	1023.16	1023.09	1023.01	1022.93	1022.86	1022.79	1022.70	1022.62	1022.56	1022.48	1022.88
	11	1022.38	1022.33	1022.32	1022.28	1022.21	1022.13	1022.05	1021.99	1021.95	1021.89	1021.83	1021.78	1022.09
	12	1021.74	1021.68	1021.63	1021.59	1021.52	1021.44	1021.37	1021.31	1021.26	1021.19	1021.11	1021.08	1021.41
	13	1021.08	1021.06	1021.04	1021.02	1021.02	1021.01	1021.00	1021.01	1021.03	1021.04	1021.04	1021.05	1021.03
	14	1021.05	1021.02	1021.01	1021.03	1021.03	1021.04	1021.05	1021.05	1021.05	1021.07	1021.10	1021.10	1021.05
	15	1021.08	1021.08	1021.10	1021.10	1021.09	1021.08	1021.08	1021.07	1021.09	1021.12	1021.13	1021.16	1021.10
	16	1021.20	1021.25	1021.30	1021.30	1021.29	1021.30	1021.34	1021.37	1021.40	1021.42	1021.44	1021.46	1021.34
	17	1021.47	1021.49	1021.51	1021.53	1021.52	1021.53	1021.55	1021.56	1021.58	1021.61	1021.62	1021.63	1021.55
	18	1021.64	1021.65	1021.67	1021.67	1021.70	1021.74	1021.76	1021.79	1021.83	1021.87	1021.88	1021.90	1021.76
	19	1021.95	1021.99	1021.99	1022.00	1022.02	1022.05	1022.10	1022.11	1022.11	1022.11	1022.11	1022.12	1022.05
	20	1022.15	1022.18	1022.20	1022.24	1022.27	1022.31	1022.37	1022.41	1022.44	1022.46	1022.48	1022.51	1022.33
	21	1022.53	1022.54	1022.55	1022.56	1022.57	1022.58	1022.56	1022.52	1022.50	1022.50	1022.50	1022.50	1022.53
	22	1022.49	1022.49	1022.47	1022.46	1022.47	1022.48	1022.48	1022.47	1022.44	1022.42	1022.42	1022.41	1022.46
	23	1022.39	1022.37	1022.35	1022.32	1022.30	1022.28	1022.25	1022.23	1022.20	1022.15	1022.13	1022.12	1022.26
20	0	1022.10	1022.10	1022.08	1022.07	1022.06	1022.04	1022.04	1022.04	1022.06	1022.04	1021.99	1021.96	1022.04
	1	1021.96	1021.96	1021.95	1021.94	1021.97	1022.03	1022.06	1022.05	1022.01	1021.96	1021.95	1021.94	1021.98
	2	1021.92	1021.93	1021.94	1021.92	1021.90	1021.88	1021.87	1021.87	1021.87	1021.87	1021.86	1021.87	1021.89
	3	1021.89	1021.91	1021.96	1021.99	1022.01	1022.04	1022.05	1022.02	1021.99	1021.97	1021.95	1021.93	1021.97
	4	1021.89	1021.87	1021.89	1021.88	1021.88	1021.88	1021.87	1021.89	1021.93	1021.97	1021.99	1022.00	1021.91
	5	1022.00	1022.01	1022.02	1022.02	1022.02	1022.01	1022.01	1022.01	1022.04	1022.08	1022.10	1022.11	1022.03
	6	1022.12	1022.13	1022.14	1022.16	1022.18	1022.19	1022.18	1022.22	1022.28	1022.29	1022.32	1022.35	1022.21
	7	1022.36	1022.39	1022.45	1022.49	1022.50	1022.55	1022.55	1022.54	1022.55	1022.55	1022.52	1022.49	1022.49
	8	1022.52	1022.56	1022.54	1022.53	1022.54	1022.54	1022.53	1022.49	1022.45	1022.44	1022.47	1022.54	1022.51
	9	1022.60	1022.65	1022.69	1022.72	1022.75	1022.77	1022.75	1022.73	1022.71	1022.67	1022.61	1022.55	1022.68
	10	1022.50	1022.44	1022.39	1022.32	1022.24	1022.18	1022.14	1022.10	1022.05	1022.00	1021.96	1021.92	1022.18
	11	1021.85	1021.76	1021.69	1021.62	1021.57	1021.52	1021.48	1021.46	1021.45	1021.41	1021.34	1021.27	1021.53
	12	1021.19	1021.11	1021.06	1021.01	1020.96	1020.94	1020.92	1020.88	1020.81	1020.73	1020.66	1020.60	1020.90
	13	1020.56	1020.52	1020.49	1020.46	1020.45	1020.44	1020.41	1020.36	1020.32	1020.29	1020.28	1020.28	1020.40
	14	1020.26	1020.25	1020.22	1020.18	1020.16	1020.18	1020.21	1020.21	1020.19	1020.16	1020.14	1020.14	1020.19
	15	1020.14	1020.16	1020.19	1020.20	1020.17	1020.15	1020.12	1020.11	1020.14	1020.14	1020.12	1020.12	1020.14
	16	1020.16	1020.21	1020.25	1020.30	1020.31	1020.29	1020.34	1020.39	1020.40	1020.37	1020.34	1020.34	1020.31
	17	1020.39	1020.45	1020.47	1020.48	1020.54	1020.60	1020.62	1020.64	1020.69	1020.72	1020.74	1020.77	1020.59
	18	1020.80	1020.83	1020.83	1020.81	1020.80	1020.80	1020.84	1020.90	1020.94	1020.97	1021.02	1021.07	1020.88
	19	1021.11	1021.11	1021.08	1021.07	1021.09	1021.12	1021.13	1021.12	1021.11	1021.09	1021.09	1021.09	1021.10
	20	1021.09	1021.06	1021.03	1021.02	1021.01	1021.00	1020.99	1020.98	1021.00	1021.04	1021.06	1021.07	1021.03
	21	1021.08	1021.07	1021.04	1021.01	1020.99	1021.01	1021.04	1021.03	1021.00	1020.98	1020.98	1020.95	1021.01
	22	1020.94	1021.00	1021.03	1021.02	1021.02	1021.01	1020.97	1020.92	1020.87	1020.82	1020.82	1020.83	1020.93
	23	1020.83	1020.83	1020.81	1020.79	1020.75	1020.70	1020.70	1020.68	1020.60	1020.52	1020.49	1020.49	1020.68

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
21	0	1020.49	1020.47	1020.47	1020.44	1020.40	1020.38	1020.33	1020.28	1020.26	1020.24	1020.19	1020.17	1020.33
	1	1020.18	1020.16	1020.13	1020.12	1020.13	1020.13	1020.09	1020.02	1019.91	1019.84	1019.83	1019.80	1020.03
	2	1019.78	1019.75	1019.72	1019.74	1019.70	1019.67	1019.66	1019.63	1019.61	1019.56	1019.50	1019.48	1019.65
	3	1019.48	1019.47	1019.47	1019.48	1019.49	1019.51	1019.53	1019.52	1019.46	1019.43	1019.41	1019.36	1019.47
	4	1019.35	1019.35	1019.35	1019.35	1019.37	1019.39	1019.35	1019.29	1019.23	1019.22	1019.22	1019.18	1019.30
	5	1019.17	1019.22	1019.27	1019.29	1019.31	1019.36	1019.39	1019.41	1019.42	1019.41	1019.45	1019.48	1019.35
	6	1019.54	1019.62	1019.67	1019.70	1019.71	1019.78	1019.85	1019.86	1019.88	1019.92	1019.95	1019.98	1019.79
	7	1020.03	1020.04	1020.02	1020.00	1019.98	1019.95	1019.94	1019.98	1020.00	1020.00	1020.01	1020.02	1020.00
	8	1020.01	1020.01	1019.98	1020.00	1020.04	1020.05	1020.04	1019.99	1019.94	1019.92	1019.91	1019.94	1019.98
	9	1019.96	1019.97	1019.96	1019.96	1019.96	1019.95	1019.94	1019.89	1019.84	1019.83	1019.79	1019.73	1019.90
	10	1019.69	1019.61	1019.50	1019.43	1019.37	1019.28	1019.22	1019.20	1019.16	1019.10	1019.06	1019.01	1019.30
	11	1018.96	1018.94	1018.90	1018.76	1018.60	1018.52	1018.45	1018.35	1018.27	1018.23	1018.16	1018.03	1018.51
	12	1017.95	1017.90	1017.85	1017.78	1017.69	1017.63	1017.57	1017.52	1017.48	1017.42	1017.33	1017.26	1017.61
	13	1017.22	1017.16	1017.12	1017.09	1017.08	1017.14	1017.19	1017.17	1017.11	1017.02	1016.95	1016.94	1017.10
	14	1016.91	1016.88	1016.83	1016.73	1016.68	1016.67	1016.64	1016.63	1016.62	1016.58	1016.54	1016.51	1016.68
	15	1016.47	1016.40	1016.32	1016.32	1016.38	1016.39	1016.37	1016.36	1016.35	1016.38	1016.43	1016.46	1016.38
	16	1016.41	1016.33	1016.26	1016.22	1016.21	1016.18	1016.16	1016.18	1016.18	1016.18	1016.17	1016.15	1016.22
	17	1016.15	1016.16	1016.20	1016.22	1016.23	1016.25	1016.27	1016.27	1016.23	1016.17	1016.16	1016.17	1016.20
	18	1016.16	1016.18	1016.22	1016.25	1016.28	1016.31	1016.35	1016.33	1016.30	1016.26	1016.18	1016.12	1016.24
	19	1016.08	1016.05	1016.03	1016.00	1015.96	1015.94	1015.97	1015.97	1015.93	1015.93	1015.97	1015.97	1015.98
	20	1015.89	1015.88	1015.95	1015.96	1015.94	1015.91	1015.89	1015.91	1015.96	1016.02	1016.01	1016.01	1015.94
	21	1016.01	1015.96	1015.90	1015.86	1015.80	1015.78	1015.81	1015.81	1015.77	1015.75	1015.75	1015.77	1015.83
	22	1015.78	1015.79	1015.77	1015.71	1015.74	1015.75	1015.72	1015.73	1015.73	1015.70	1015.67	1015.66	1015.73
	23	1015.61	1015.57	1015.58	1015.66	1015.68	1015.64	1015.65	1015.60	1015.59	1015.61	1015.61	1015.60	1015.61
22	0	1015.64	1015.64	1015.63	1015.62	1015.64	1015.68	1015.72	1015.76	1015.78	1015.79	1015.79	1015.79	1015.71
	1	1015.75	1015.69	1015.63	1015.57	1015.53	1015.51	1015.49	1015.48	1015.45	1015.42	1015.39	1015.32	1015.52
	2	1015.20	1015.05	1014.91	1014.78	1014.67	1014.55	1014.44	1014.35	1014.29	1014.28	1014.32	1014.35	1014.60
	3	1014.37	1014.32	1014.20	1014.08	1013.95	1013.84	1013.75	1013.67	1013.60	1013.59	1013.58	1013.56	1013.87
	4	1013.60	1013.57	1013.51	1013.42	1013.30	1013.26	1013.31	1013.32	1013.28	1013.25	1013.20	1013.15	1013.35
	5	1013.10	1013.02	1012.95	1012.93	1012.92	1012.90	1012.86	1012.84	1012.84	1012.83	1012.81	1012.81	1012.90
	6	1012.86	1012.96	1013.04	1013.08	1013.11	1013.15	1013.20	1013.30	1013.40	1013.49	1013.54	1013.55	1013.22
	7	1013.57	1013.60	1013.62	1013.58	1013.58	1013.62	1013.68	1013.74	1013.78	1013.78	1013.75	1013.75	1013.67
	8	1013.80	1013.82	1013.86	1013.91	1013.92	1013.86	1013.78	1013.74	1013.75	1013.78	1013.80	1013.82	1013.82
	9	1013.82	1013.82	1013.80	1013.76	1013.75	1013.76	1013.78	1013.81	1013.82	1013.78	1013.73	1013.67	1013.78
	10	1013.60	1013.54	1013.48	1013.38	1013.30	1013.25	1013.20	1013.17	1013.15	1013.13	1013.11	1013.09	1013.28
	11	1013.09	1013.07	1013.03	1013.01	1012.98	1012.90	1012.80	1012.74	1012.74	1012.74	1012.71	1012.64	1012.87
	12	1012.61	1012.63	1012.62	1012.57	1012.55	1012.61	1012.70	1012.75	1012.68	1012.54	1012.46	1012.42	1012.60
	13	1012.35	1012.30	1012.28	1012.24	1012.24	1012.17	1012.05	1011.99	1011.99	1011.99	1012.01	1012.05	1012.14
	14	1012.04	1012.01	1012.02	1012.02	1012.01	1012.04	1012.06	1012.07	1012.06	1012.03	1012.01	1012.01	1012.03
	15	1012.02	1012.05	1012.11	1012.20	1012.28	1012.29	1012.29	1012.31	1012.33	1012.34	1012.29	1012.22	1012.23
	16	1012.15	1012.08	1012.10	1012.19	1012.28	1012.31	1012.34	1012.38	1012.44	1012.53	1012.62	1012.69	1012.34
	17	1012.74	1012.79	1012.84	1012.87	1012.91	1012.91	1012.88	1012.88	1012.89	1012.90	1012.95	1013.02	1012.88
	18	1013.08	1013.12	1013.16	1013.21	1013.26	1013.32	1013.38	1013.39	1013.40	1013.44	1013.48	1013.50	1013.31
	19	1013.52	1013.52	1013.51	1013.48	1013.45	1013.47	1013.51	1013.56	1013.60	1013.60	1013.61	1013.62	1013.54
	20	1013.64	1013.69	1013.74	1013.80	1013.89	1013.94	1014.00	1014.04	1014.00	1013.97	1014.00	1014.04	1013.90
	21	1014.06	1014.03	1014.01	1014.05	1014.12	1014.16	1014.17	1014.17	1014.16	1014.17	1014.19	1014.18	1014.12
	22	1014.14	1014.11	1014.09	1014.10	1014.12	1014.14	1014.16	1014.20	1014.24	1014.23	1014.23	1014.24	1014.17
	23	1014.19	1014.12	1014.12	1014.11	1014.10	1014.11	1014.06	1014.02	1013.98	1013.94	1013.89	1013.84	1014.04

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
23	0	1013.76	1013.75	1013.73	1013.67	1013.60	1013.54	1013.50	1013.47	1013.51	1013.54	1013.51	1013.50	1013.58
	1	1013.53	1013.59	1013.67	1013.74	1013.76	1013.75	1013.70	1013.67	1013.63	1013.62	1013.62	1013.58	1013.65
	2	1013.54	1013.55	1013.59	1013.63	1013.66	1013.64	1013.58	1013.58	1013.60	1013.58	1013.56	1013.56	1013.59
	3	1013.59	1013.62	1013.65	1013.68	1013.66	1013.66	1013.69	1013.66	1013.63	1013.65	1013.68	1013.70	1013.66
	4	1013.72	1013.74	1013.72	1013.67	1013.66	1013.62	1013.56	1013.56	1013.59	1013.59	1013.56	1013.56	1013.63
	5	1013.63	1013.71	1013.77	1013.84	1013.89	1013.91	1013.96	1014.06	1014.14	1014.21	1014.29	1014.36	1013.98
	6	1014.40	1014.41	1014.44	1014.51	1014.55	1014.57	1014.58	1014.59	1014.61	1014.63	1014.66	1014.70	1014.55
	7	1014.76	1014.82	1014.87	1014.93	1014.96	1014.97	1015.00	1015.03	1015.06	1015.12	1015.18	1015.25	1014.99
	8	1015.30	1015.31	1015.30	1015.30	1015.31	1015.36	1015.41	1015.44	1015.45	1015.47	1015.50	1015.54	1015.39
	9	1015.55	1015.53	1015.52	1015.53	1015.55	1015.55	1015.53	1015.54	1015.54	1015.54	1015.54	1015.49	1015.53
	10	1015.45	1015.44	1015.48	1015.56	1015.59	1015.55	1015.50	1015.46	1015.44	1015.42	1015.40	1015.38	1015.47
	11	1015.34	1015.31	1015.31	1015.30	1015.27	1015.23	1015.20	1015.16	1015.14	1015.16	1015.18	1015.15	1015.23
	12	1015.10	1015.05	1015.02	1015.02	1015.06	1015.12	1015.18	1015.23	1015.29	1015.39	1015.49	1015.54	1015.21
	13	1015.56	1015.60	1015.64	1015.66	1015.68	1015.73	1015.77	1015.77	1015.78	1015.80	1015.80	1015.78	1015.71
	14	1015.78	1015.80	1015.82	1015.83	1015.86	1015.89	1015.90	1015.91	1015.96	1016.02	1016.06	1016.06	1015.91
	15	1016.06	1016.09	1016.12	1016.16	1016.19	1016.19	1016.17	1016.12	1016.08	1016.08	1016.11	1016.14	1016.13
	16	1016.17	1016.23	1016.28	1016.31	1016.30	1016.29	1016.27	1016.28	1016.29	1016.33	1016.40	1016.46	1016.30
	17	1016.50	1016.54	1016.59	1016.65	1016.70	1016.74	1016.79	1016.82	1016.85	1016.90	1016.95	1016.96	1016.75
	18	1016.98	1017.08	1017.26	1017.49	1017.68	1017.77	1017.77	1017.74	1017.75	1017.77	1017.79	1017.80	1017.57
	19	1017.80	1017.81	1017.87	1017.95	1018.01	1018.02	1018.03	1018.08	1018.12	1018.17	1018.22	1018.26	1018.03
	20	1018.30	1018.37	1018.46	1018.55	1018.59	1018.58	1018.56	1018.59	1018.65	1018.70	1018.77	1018.84	1018.58
	21	1018.89	1018.95	1019.00	1019.02	1019.01	1019.03	1019.09	1019.13	1019.20	1019.30	1019.38	1019.46	1019.12
	22	1019.53	1019.55	1019.57	1019.62	1019.69	1019.75	1019.76	1019.76	1019.76	1019.76	1019.75	1019.75	1019.69
	23	1019.77	1019.82	1019.84	1019.85	1019.87	1019.84	1019.84	1019.86	1019.86	1019.89	1019.94	1019.97	1019.86
24	0	1019.87	1019.85	1019.85	1019.93	1020.01	1020.01	1020.00	1020.02	1020.06	1020.07	1020.07	1020.11	1019.99
	1	1020.16	1020.20	1020.23	1020.26	1020.33	1020.35	1020.33	1020.35	1020.39	1020.39	1020.37	1020.38	1020.31
	2	1020.39	1020.40	1020.41	1020.43	1020.51	1020.58	1020.60	1020.60	1020.59	1020.56	1020.50	1020.50	1020.50
	3	1020.54	1020.52	1020.49	1020.49	1020.49	1020.53	1020.54	1020.54	1020.56	1020.58	1020.56	1020.54	1020.53
	4	1020.52	1020.52	1020.57	1020.62	1020.64	1020.67	1020.71	1020.73	1020.74	1020.76	1020.77	1020.76	1020.67
	5	1020.77	1020.82	1020.91	1020.98	1021.02	1021.06	1021.08	1021.12	1021.18	1021.25	1021.32	1021.38	1021.07
	6	1021.42	1021.47	1021.57	1021.65	1021.67	1021.72	1021.80	1021.86	1021.93	1022.01	1022.07	1022.14	1021.77
	7	1022.23	1022.31	1022.37	1022.42	1022.43	1022.46	1022.48	1022.51	1022.61	1022.73	1022.78	1022.79	1022.51
	8	1022.82	1022.85	1022.88	1022.91	1022.92	1022.90	1022.88	1022.86	1022.87	1022.91	1022.97	1023.02	1022.90
	9	1023.06	1023.07	1023.05	1023.05	1023.06	1023.08	1023.09	1023.06	1023.04	1023.03	1023.02	1023.00	1023.05
	10	1022.99	1023.00	1023.03	1023.02	1023.01	1022.99	1022.95	1022.93	1022.90	1022.85	1022.81	1022.78	1022.94
	11	1022.77	1022.75	1022.71	1022.68	1022.64	1022.62	1022.61	1022.57	1022.53	1022.51	1022.47	1022.45	1022.61
	12	1022.44	1022.43	1022.44	1022.44	1022.44	1022.43	1022.41	1022.39	1022.40	1022.40	1022.40	1022.41	1022.42
	13	1022.42	1022.41	1022.41	1022.38	1022.37	1022.37	1022.38	1022.38	1022.38	1022.38	1022.38	1022.37	1022.38
	14	1022.38	1022.38	1022.37	1022.35	1022.33	1022.32	1022.34	1022.40	1022.44	1022.45	1022.42	1022.37	1022.38
	15	1022.36	1022.37	1022.37	1022.39	1022.42	1022.46	1022.51	1022.55	1022.58	1022.57	1022.54	1022.53	1022.47
	16	1022.54	1022.57	1022.61	1022.65	1022.70	1022.75	1022.80	1022.84	1022.89	1022.95	1023.02	1023.04	1022.78
	17	1023.03	1023.04	1023.09	1023.13	1023.16	1023.19	1023.24	1023.30	1023.35	1023.37	1023.40	1023.46	1023.23
	18	1023.52	1023.57	1023.61	1023.66	1023.75	1023.85	1023.90	1023.91	1023.93	1023.97	1023.97	1023.97	1023.80
	19	1024.03	1024.08	1024.14	1024.19	1024.22	1024.27	1024.32	1024.35	1024.39	1024.41	1024.43	1024.46	1024.27
	20	1024.50	1024.53	1024.58	1024.63	1024.65	1024.66	1024.69	1024.71	1024.72	1024.71	1024.71	1024.71	1024.65
	21	1024.73	1024.76	1024.77	1024.78	1024.76	1024.72	1024.71	1024.70	1024.72	1024.74	1024.72	1024.73	1024.73
	22	1024.77	1024.78	1024.79	1024.82	1024.85	1024.86	1024.86	1024.84	1024.80	1024.77	1024.76	1024.75	1024.80
	23	1024.74	1024.77	1024.77	1024.73	1024.71	1024.71	1024.70	1024.68	1024.64	1024.60	1024.62	1024.64	1024.69

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

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
25	0	1024.63	1024.64	1024.66	1024.69	1024.70	1024.71	1024.74	1024.76	1024.75	1024.76	1024.79	1024.82	1024.72
	1	1024.83	1024.81	1024.79	1024.79	1024.80	1024.79	1024.78	1024.77	1024.77	1024.74	1024.71	1024.69	1024.77
	2	1024.64	1024.63	1024.62	1024.64	1024.67	1024.71	1024.75	1024.73	1024.72	1024.71	1024.68	1024.68	1024.68
	3	1024.69	1024.67	1024.63	1024.63	1024.62	1024.58	1024.55	1024.58	1024.61	1024.61	1024.58	1024.56	1024.61
	4	1024.56	1024.56	1024.57	1024.62	1024.70	1024.74	1024.76	1024.80	1024.85	1024.86	1024.86	1024.86	1024.73
	5	1024.86	1024.85	1024.85	1024.87	1024.88	1024.90	1024.92	1024.92	1024.95	1024.99	1025.04	1025.08	1024.92
	6	1025.09	1025.09	1025.11	1025.13	1025.14	1025.19	1025.25	1025.26	1025.28	1025.32	1025.37	1025.40	1025.22
	7	1025.42	1025.48	1025.57	1025.61	1025.65	1025.70	1025.72	1025.75	1025.80	1025.83	1025.83	1025.84	1025.68
	8	1025.87	1025.90	1025.90	1025.91	1025.93	1025.94	1025.95	1025.96	1025.99	1026.03	1026.04	1026.02	1025.95
	9	1026.02	1026.05	1026.11	1026.13	1026.09	1026.08	1026.08	1026.07	1026.06	1026.05	1026.03	1025.99	1026.06
	10	1025.95	1025.93	1025.88	1025.80	1025.74	1025.68	1025.61	1025.57	1025.56	1025.55	1025.52	1025.47	1025.69
	11	1025.43	1025.37	1025.30	1025.24	1025.21	1025.17	1025.11	1025.05	1024.98	1024.91	1024.86	1024.82	1025.12
	12	1024.78	1024.75	1024.73	1024.68	1024.64	1024.62	1024.61	1024.61	1024.61	1024.60	1024.58	1024.55	1024.64
	13	1024.51	1024.50	1024.50	1024.47	1024.46	1024.45	1024.43	1024.40	1024.40	1024.41	1024.41	1024.41	1024.44
	14	1024.40	1024.37	1024.34	1024.32	1024.27	1024.20	1024.18	1024.20	1024.19	1024.16	1024.13	1024.11	1024.24
	15	1024.08	1024.07	1024.06	1024.07	1024.11	1024.17	1024.20	1024.22	1024.25	1024.30	1024.35	1024.36	1024.18
	16	1024.36	1024.37	1024.39	1024.43	1024.49	1024.54	1024.55	1024.55	1024.57	1024.61	1024.65	1024.66	1024.51
	17	1024.66	1024.68	1024.72	1024.74	1024.77	1024.77	1024.77	1024.79	1024.83	1024.88	1024.91	1024.94	1024.79
	18	1024.95	1024.94	1024.94	1024.93	1024.94	1024.93	1024.92	1024.93	1024.93	1024.94	1024.97	1024.98	1024.94
	19	1024.97	1024.96	1024.96	1024.97	1024.99	1025.01	1025.01	1025.01	1025.00	1025.00	1025.00	1025.01	1024.99
	20	1025.05	1025.11	1025.15	1025.16	1025.16	1025.15	1025.13	1025.15	1025.16	1025.16	1025.19	1025.22	1025.15
	21	1025.23	1025.25	1025.23	1025.19	1025.17	1025.18	1025.19	1025.21	1025.22	1025.23	1025.25	1025.26	1025.22
	22	1025.24	1025.23	1025.22	1025.21	1025.23	1025.23	1025.23	1025.25	1025.26	1025.25	1025.23	1025.20	1025.23
	23	1025.15	1025.10	1025.09	1025.11	1025.09	1025.05	1025.03	1025.01	1024.99	1025.01	1025.01	1024.99	1025.05
26	0	1025.00	1025.02	1025.03	1025.03	1025.05	1025.10	1025.14	1025.14	1025.17	1025.20	1025.20	1025.20	1025.11
	1	1025.20	1025.20	1025.17	1025.13	1025.11	1025.10	1025.08	1025.04	1025.03	1025.01	1024.95	1024.89	1025.07
	2	1024.84	1024.82	1024.79	1024.73	1024.70	1024.68	1024.68	1024.73	1024.70	1024.62	1024.59	1024.60	1024.71
	3	1024.56	1024.58	1024.66	1024.69	1024.67	1024.69	1024.74	1024.79	1024.81	1024.78	1024.76	1024.75	1024.70
	4	1024.72	1024.68	1024.66	1024.64	1024.68	1024.78	1024.88	1024.95	1024.97	1024.95	1024.97	1025.00	1024.82
	5	1025.02	1025.03	1025.06	1025.12	1025.14	1025.22	1025.31	1025.32	1025.35	1025.36	1025.38	1025.44	1025.23
	6	1025.50	1025.54	1025.54	1025.54	1025.57	1025.57	1025.55	1025.55	1025.60	1025.67	1025.77	1025.92	1025.61
	7	1026.08	1026.19	1026.24	1026.27	1026.26	1026.20	1026.17	1026.24	1026.33	1026.43	1026.58	1026.68	1026.30
	8	1026.67	1026.65	1026.61	1026.59	1026.62	1026.66	1026.67	1026.67	1026.73	1026.81	1026.85	1026.84	1026.70
	9	1026.88	1026.93	1026.92	1026.92	1026.93	1026.97	1026.99	1026.97	1026.95	1026.91	1026.85	1026.83	1026.92
	10	1026.81	1026.73	1026.69	1026.69	1026.68	1026.64	1026.57	1026.53	1026.53	1026.52	1026.48	1026.43	1026.61
	11	1026.37	1026.28	1026.19	1026.09	1025.99	1025.91	1025.86	1025.81	1025.78	1025.71	1025.63	1025.63	1025.94
	12	1025.62	1025.56	1025.48	1025.37	1025.22	1025.10	1025.01	1024.97	1025.01	1025.07	1025.10	1025.09	1025.21
	13	1025.09	1025.12	1025.13	1025.14	1025.18	1025.20	1025.19	1025.18	1025.19	1025.21	1025.22	1025.20	1025.17
	14	1025.17	1025.15	1025.15	1025.15	1025.15	1025.15	1025.13	1025.12	1025.15	1025.16	1025.17	1025.21	1025.15
	15	1025.23	1025.23	1025.19	1025.12	1025.09	1025.09	1025.10	1025.12	1025.15	1025.17	1025.17	1025.09	1025.14
	16	1025.01	1025.01	1025.08	1025.19	1025.26	1025.30	1025.31	1025.35	1025.42	1025.47	1025.52	1025.59	1025.29
	17	1025.65	1025.69	1025.74	1025.79	1025.84	1025.89	1025.92	1025.95	1025.97	1025.97	1025.99	1026.07	1025.87
	18	1026.14	1026.15	1026.13	1026.12	1026.12	1026.13	1026.15	1026.15	1026.15	1026.19	1026.24	1026.29	1026.16
	19	1026.33	1026.36	1026.42	1026.51	1026.59	1026.70	1026.79	1026.81	1026.85	1026.91	1026.96	1027.01	1026.69
	20	1027.05	1027.04	1027.08	1027.16	1027.20	1027.19	1027.16	1027.16	1027.20	1027.30	1027.40	1027.42	1027.19
	21	1027.41	1027.46	1027.50	1027.44	1027.36	1027.31	1027.28	1027.27	1027.25	1027.25	1027.26	1027.25	1027.33
	22	1027.23	1027.21	1027.22	1027.27	1027.33	1027.38	1027.45	1027.48	1027.48	1027.47	1027.46	1027.48	1027.37
	23	1027.46	1027.42	1027.43	1027.41	1027.40	1027.43	1027.42	1027.40	1027.36	1027.32	1027.31	1027.29	1027.39

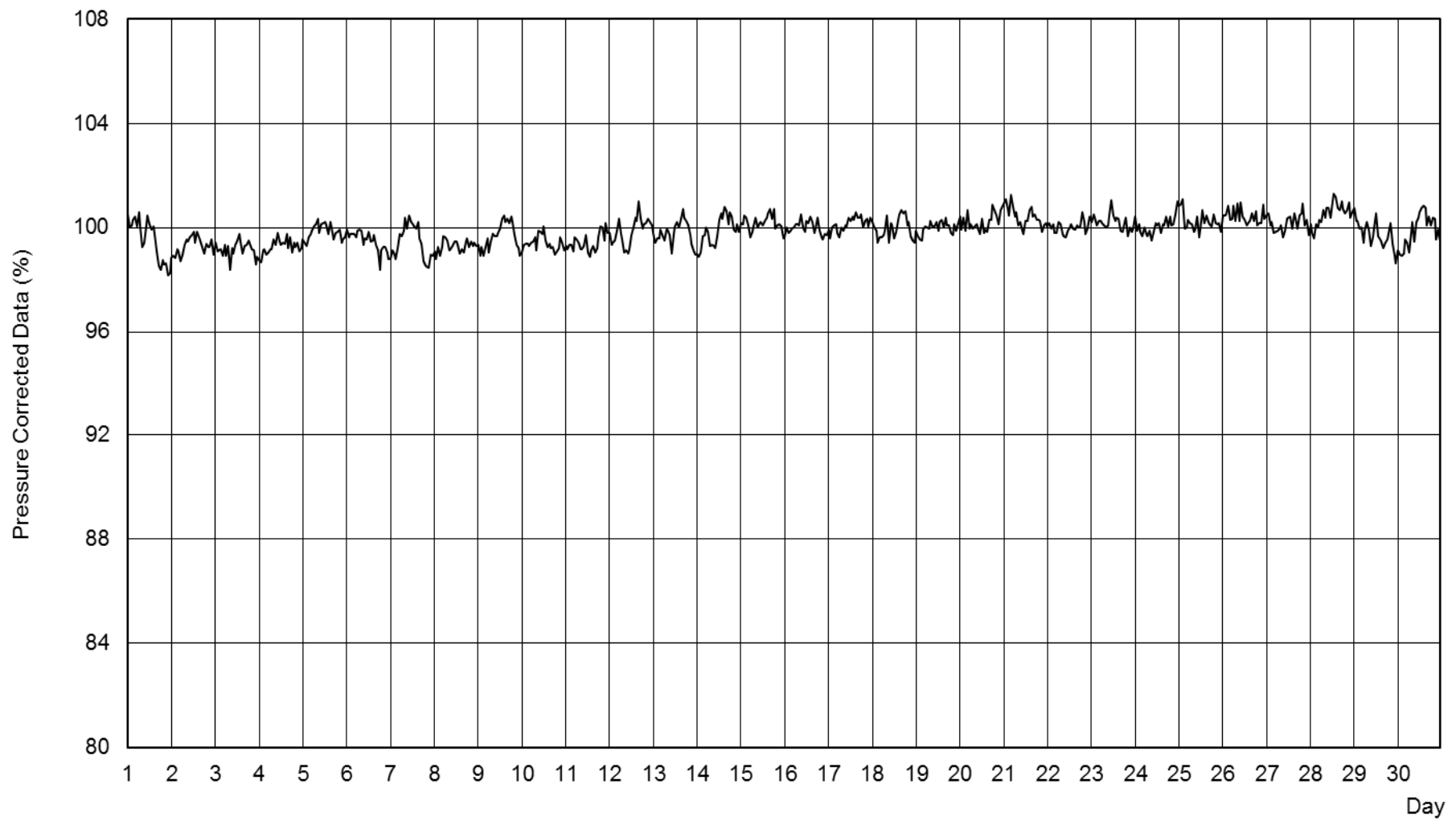
S.V.I.R.CO. Observatory - Pressure in hectoPascal – November 2011

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
27	0	1027.24	1027.26	1027.25	1027.20	1027.18	1027.20	1027.23	1027.23	1027.21	1027.20	1027.22	1027.22	1027.22
	1	1027.19	1027.19	1027.24	1027.28	1027.29	1027.31	1027.28	1027.26	1027.27	1027.30	1027.37	1027.42	1027.28
	2	1027.44	1027.45	1027.48	1027.51	1027.51	1027.49	1027.46	1027.44	1027.41	1027.38	1027.37	1027.38	1027.44
	3	1027.38	1027.36	1027.33	1027.32	1027.31	1027.29	1027.26	1027.26	1027.27	1027.27	1027.24	1027.22	1027.29
	4	1027.22	1027.21	1027.21	1027.21	1027.22	1027.25	1027.27	1027.23	1027.16	1027.11	1027.09	1027.12	1027.19
	5	1027.17	1027.20	1027.22	1027.23	1027.26	1027.29	1027.28	1027.28	1027.31	1027.35	1027.40	1027.45	1027.28
	6	1027.49	1027.53	1027.57	1027.59	1027.58	1027.55	1027.55	1027.55	1027.58	1027.62	1027.62	1027.62	1027.57
	7	1027.66	1027.71	1027.75	1027.79	1027.82	1027.84	1027.90	1027.95	1027.97	1027.96	1027.95	1027.96	1027.85
	8	1028.01	1028.07	1028.08	1028.10	1028.12	1028.14	1028.17	1028.19	1028.22	1028.27	1028.31	1028.33	1028.17
	9	1028.30	1028.28	1028.30	1028.27	1028.22	1028.18	1028.18	1028.18	1028.13	1028.12	1028.12	1028.04	1028.19
	10	1027.93	1027.83	1027.76	1027.68	1027.59	1027.55	1027.52	1027.47	1027.40	1027.35	1027.31	1027.26	1027.55
	11	1027.20	1027.12	1027.07	1027.04	1026.95	1026.88	1026.81	1026.73	1026.67	1026.65	1026.64	1026.60	1026.86
	12	1026.56	1026.53	1026.49	1026.43	1026.36	1026.29	1026.21	1026.11	1026.05	1026.04	1026.01	1025.89	1026.25
	13	1025.79	1025.78	1025.78	1025.76	1025.76	1025.75	1025.71	1025.69	1025.69	1025.65	1025.61	1025.58	1025.71
	14	1025.56	1025.52	1025.47	1025.44	1025.39	1025.34	1025.32	1025.30	1025.26	1025.20	1025.15	1025.12	1025.34
	15	1025.11	1025.13	1025.16	1025.18	1025.17	1025.17	1025.18	1025.16	1025.10	1025.07	1025.06	1025.06	1025.13
	16	1025.12	1025.16	1025.16	1025.18	1025.19	1025.16	1025.10	1025.10	1025.13	1025.13	1025.11	1025.10	1025.13
	17	1025.08	1025.05	1025.03	1025.03	1025.09	1025.12	1025.11	1025.11	1025.14	1025.17	1025.18	1025.18	1025.11
	18	1025.20	1025.21	1025.16	1025.10	1025.09	1025.10	1025.12	1025.18	1025.25	1025.31	1025.37	1025.40	1025.21
	19	1025.41	1025.44	1025.48	1025.55	1025.61	1025.63	1025.59	1025.59	1025.65	1025.70	1025.75	1025.75	1025.59
	20	1025.75	1025.79	1025.79	1025.80	1025.79	1025.79	1025.80	1025.77	1025.75	1025.72	1025.67	1025.64	1025.75
	21	1025.64	1025.63	1025.64	1025.67	1025.69	1025.69	1025.66	1025.64	1025.65	1025.67	1025.68	1025.69	1025.66
	22	1025.71	1025.68	1025.69	1025.69	1025.66	1025.66	1025.63	1025.61	1025.61	1025.63	1025.62	1025.60	1025.65
	23	1025.60	1025.58	1025.56	1025.55	1025.53	1025.54	1025.58	1025.59	1025.61	1025.62	1025.62	1025.64	1025.58
28	0	1025.60	1025.59	1025.54	1025.50	1025.49	1025.47	1025.46	1025.49	1025.52	1025.53	1025.54	1025.58	1025.52
	1	1025.58	1025.54	1025.55	1025.57	1025.54	1025.51	1025.51	1025.49	1025.50	1025.49	1025.42	1025.35	1025.50
	2	1025.34	1025.36	1025.34	1025.31	1025.28	1025.23	1025.20	1025.17	1025.17	1025.18	1025.13	1025.08	1025.23
	3	1025.05	1025.00	1024.94	1024.91	1024.86	1024.80	1024.73	1024.70	1024.71	1024.73	1024.76	1024.78	1024.83
	4	1024.78	1024.75	1024.72	1024.68	1024.66	1024.66	1024.71	1024.79	1024.82	1024.83	1024.90	1024.98	1024.77
	5	1025.03	1025.03	1024.98	1024.94	1024.93	1024.91	1024.90	1024.90	1024.91	1024.91	1024.99	1025.12	1024.96
	6	1025.19	1025.21	1025.26	1025.32	1025.36	1025.38	1025.44	1025.50	1025.52	1025.50	1025.49	1025.50	1025.39
	7	1025.52	1025.52	1025.51	1025.52	1025.52	1025.55	1025.63	1025.71	1025.73	1025.73	1025.73	1025.70	1025.61
	8	1025.70	1025.69	1025.67	1025.66	1025.67	1025.66	1025.69	1025.73	1025.76	1025.75	1025.69	1025.64	1025.69
	9	1025.62	1025.60	1025.58	1025.54	1025.50	1025.48	1025.43	1025.35	1025.28	1025.24	1025.19	1025.13	1025.41
	10	1025.06	1025.01	1024.95	1024.88	1024.81	1024.74	1024.69	1024.67	1024.65	1024.61	1024.55	1024.51	1024.76
	11	1024.47	1024.42	1024.38	1024.35	1024.30	1024.26	1024.23	1024.20	1024.13	1024.04	1023.97	1023.91	1024.22
	12	1023.86	1023.78	1023.69	1023.62	1023.57	1023.52	1023.44	1023.39	1023.38	1023.35	1023.32	1023.29	1023.51
	13	1023.26	1023.26	1023.25	1023.20	1023.16	1023.16	1023.15	1023.12	1023.10	1023.07	1023.04	1023.03	1023.15
	14	1023.02	1023.04	1023.05	1023.04	1023.03	1023.02	1022.99	1022.99	1023.03	1023.11	1023.16	1023.16	1023.05
	15	1023.15	1023.16	1023.21	1023.26	1023.27	1023.30	1023.34	1023.36	1023.43	1023.49	1023.50	1023.52	1023.33
	16	1023.56	1023.60	1023.61	1023.58	1023.56	1023.55	1023.57	1023.60	1023.64	1023.69	1023.71	1023.70	1023.61
	17	1023.70	1023.70	1023.71	1023.73	1023.76	1023.81	1023.84	1023.86	1023.87	1023.90	1023.94	1023.99	1023.82
	18	1024.01	1023.99	1023.99	1024.01	1024.03	1024.02	1023.99	1023.98	1023.97	1023.94	1023.96	1024.01	1023.99
	19	1024.05	1024.10	1024.11	1024.07	1024.03	1024.02	1024.04	1024.04	1024.01	1023.98	1023.96	1023.96	1024.03
	20	1023.96	1023.93	1023.88	1023.85	1023.85	1023.90	1023.95	1023.95	1023.93	1023.90	1023.90	1023.91	1023.91
	21	1023.90	1023.89	1023.87	1023.87	1023.86	1023.86	1023.85	1023.86	1023.90	1023.92	1023.91	1023.88	1023.88
	22	1023.88	1023.89	1023.87	1023.86	1023.88	1023.93	1023.97	1023.98	1023.98	1023.98	1023.97	1023.97	1023.93
	23	1024.01	1024.04	1024.03	1024.02	1024.02	1023.99	1023.97	1023.95	1023.94	1023.94	1023.93	1023.95	1023.98

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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	1023.97	1023.98	1023.98	1023.96	1023.95	1023.93	1023.88	1023.87	1023.90	1023.91	1023.93	1023.94	1023.93
	1	1023.93	1023.92	1023.88	1023.88	1023.92	1023.95	1023.94	1023.90	1023.83	1023.76	1023.74	1023.73	1023.86
	2	1023.73	1023.75	1023.78	1023.78	1023.77	1023.78	1023.76	1023.75	1023.74	1023.70	1023.66	1023.65	1023.73
	3	1023.64	1023.63	1023.63	1023.63	1023.60	1023.58	1023.60	1023.57	1023.54	1023.55	1023.53	1023.51	1023.58
	4	1023.48	1023.42	1023.37	1023.34	1023.31	1023.34	1023.39	1023.39	1023.36	1023.34	1023.34	1023.31	1023.36
	5	1023.31	1023.34	1023.35	1023.34	1023.37	1023.43	1023.46	1023.49	1023.50	1023.50	1023.54	1023.56	1023.43
	6	1023.57	1023.58	1023.59	1023.60	1023.59	1023.60	1023.64	1023.64	1023.64	1023.68	1023.70	1023.71	1023.63
	7	1023.74	1023.74	1023.76	1023.84	1023.90	1023.94	1023.96	1023.98	1023.99	1024.00	1024.01	1024.03	1023.91
	8	1024.02	1024.00	1024.03	1024.07	1024.11	1024.12	1024.13	1024.15	1024.17	1024.18	1024.22	1024.26	1024.12
	9	1024.27	1024.27	1024.25	1024.22	1024.19	1024.17	1024.17	1024.15	1024.12	1024.11	1024.10	1024.06	1024.17
	10	1024.02	1023.96	1023.88	1023.80	1023.74	1023.70	1023.69	1023.68	1023.63	1023.56	1023.49	1023.44	1023.71
	11	1023.42	1023.40	1023.33	1023.26	1023.20	1023.14	1023.06	1022.98	1022.91	1022.85	1022.84	1022.84	1023.10
	12	1022.78	1022.69	1022.63	1022.59	1022.57	1022.55	1022.51	1022.48	1022.42	1022.41	1022.43	1022.42	1022.54
	13	1022.42	1022.42	1022.40	1022.39	1022.42	1022.44	1022.42	1022.40	1022.42	1022.45	1022.43	1022.44	1022.42
	14	1022.49	1022.50	1022.51	1022.52	1022.48	1022.47	1022.48	1022.47	1022.47	1022.49	1022.47	1022.46	1022.48
	15	1022.49	1022.50	1022.53	1022.54	1022.54	1022.58	1022.64	1022.65	1022.64	1022.65	1022.66	1022.70	1022.59
	16	1022.71	1022.69	1022.70	1022.69	1022.70	1022.77	1022.82	1022.84	1022.84	1022.88	1022.94	1022.95	1022.79
	17	1022.96	1022.95	1022.98	1023.02	1023.03	1023.05	1023.12	1023.17	1023.21	1023.24	1023.25	1023.28	1023.10
	18	1023.31	1023.35	1023.42	1023.47	1023.47	1023.51	1023.56	1023.58	1023.59	1023.62	1023.66	1023.68	1023.52
	19	1023.72	1023.74	1023.74	1023.77	1023.80	1023.82	1023.85	1023.89	1023.92	1023.94	1023.98	1023.97	1023.84
	20	1023.96	1023.98	1024.00	1024.00	1024.00	1024.03	1024.05	1024.07	1024.05	1024.06	1024.07	1024.07	1024.03
	21	1024.12	1024.20	1024.22	1024.20	1024.22	1024.26	1024.27	1024.28	1024.29	1024.31	1024.34	1024.37	1024.25
	22	1024.40	1024.43	1024.46	1024.49	1024.51	1024.52	1024.52	1024.52	1024.53	1024.53	1024.52	1024.51	1024.49
	23	1024.50	1024.48	1024.43	1024.45	1024.46	1024.42	1024.40	1024.38	1024.35	1024.32	1024.33	1024.36	1024.40
30	0	1024.44	1024.48	1024.53	1024.52	1024.51	1024.51	1024.53	1024.56	1024.58	1024.64	1024.65	1024.64	1024.55
	1	1024.64	1024.63	1024.63	1024.64	1024.63	1024.61	1024.59	1024.58	1024.57	1024.57	1024.58	1024.60	1024.60
	2	1024.59	1024.58	1024.59	1024.62	1024.60	1024.53	1024.52	1024.51	1024.46	1024.43	1024.41	1024.43	1024.52
	3	1024.49	1024.54	1024.60	1024.65	1024.66	1024.66	1024.65	1024.61	1024.58	1024.59	1024.61	1024.61	1024.60
	4	1024.60	1024.62	1024.68	1024.74	1024.80	1024.86	1024.93	1024.94	1024.94	1024.98	1025.05	1025.10	1024.85
	5	1025.18	1025.26	1025.27	1025.27	1025.29	1025.32	1025.40	1025.45	1025.46	1025.48	1025.51	1025.50	1025.36
	6	1025.51	1025.59	1025.67	1025.70	1025.72	1025.73	1025.78	1025.87	1025.95	1026.00	1026.06	1026.09	1025.80
	7	1026.10	1026.12	1026.16	1026.19	1026.20	1026.20	1026.21	1026.27	1026.32	1026.34	1026.39	1026.41	1026.24
	8	1026.44	1026.52	1026.61	1026.69	1026.70	1026.70	1026.73	1026.78	1026.81	1026.85	1026.91	1026.92	1026.72
	9	1026.90	1026.90	1026.94	1026.96	1026.93	1026.89	1026.87	1026.85	1026.86	1026.85	1026.79	1026.72	1026.87
	10	1026.68	1026.63	1026.56	1026.54	1026.50	1026.46	1026.40	1026.34	1026.28	1026.22	1026.17	1026.13	1026.41
	11	1026.12	1026.14	1026.12	1026.07	1026.05	1026.00	1025.98	1025.99	1025.95	1025.92	1025.90	1025.87	1026.01
	12	1025.84	1025.83	1025.77	1025.72	1025.71	1025.70	1025.68	1025.65	1025.59	1025.55	1025.52	1025.46	1025.67
	13	1025.40	1025.37	1025.35	1025.34	1025.34	1025.33	1025.31	1025.32	1025.33	1025.32	1025.31	1025.32	1025.33
	14	1025.33	1025.34	1025.37	1025.37	1025.39	1025.43	1025.45	1025.46	1025.46	1025.45	1025.46	1025.49	1025.41
	15	1025.52	1025.57	1025.62	1025.61	1025.60	1025.64	1025.68	1025.70	1025.73	1025.79	1025.83	1025.86	1025.68
	16	1025.88	1025.91	1025.94	1025.97	1025.97	1025.96	1025.95	1025.96	1025.99	1026.01	1026.02	1026.07	1025.97
	17	1026.10	1026.11	1026.13	1026.15	1026.14	1026.12	1026.13	1026.18	1026.21	1026.24	1026.31	1026.38	1026.18
	18	1026.43	1026.46	1026.51	1026.58	1026.62	1026.64	1026.68	1026.76	1026.81	1026.82	1026.83	1026.84	1026.66
	19	1026.87	1026.91	1026.94	1026.98	1027.01	1027.01	1027.02	1027.02	1027.03	1027.09	1027.14	1027.17	1027.01
	20	1027.23	1027.28	1027.30	1027.38	1027.47	1027.51	1027.48	1027.47	1027.50	1027.52	1027.52	1027.50	1027.43
	21	1027.51	1027.51	1027.53	1027.54	1027.54	1027.57	1027.61	1027.62	1027.59	1027.53	1027.42	1027.33	1027.52
	22	1027.32	1027.36	1027.38	1027.38	1027.41	1027.45	1027.46	1027.44	1027.40	1027.39	1027.40	1027.39	1027.40
	23	1027.39	1027.40	1027.41	1027.42	1027.41	1027.39	1027.34	1027.31	1027.32	1027.32	1027.33	1027.35	1027.36

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